

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN052913\  
 Data File : HN005328.D  
 Signal(s) : VWD1A.CH  
 Acq On : 29-May-2013, 16:07  
 Operator : QM  
 Sample : LOQ-S-200PPB  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 LOQ-S-200PPB

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Jun 03 07:28:57 2013  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN052213.M  
 Quant Title :  
 QLast Update : Fri May 24 05:23:33 2013  
 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            | 1.377   | 751749   | 176.872 ug/L   |
| Target Compounds               |         |          |                |
| 2) T HMX                       | 0.934   | 985870   | 231.733 ug/L   |
| 3) T RDX                       | 1.782   | 1096854  | 213.251 ug/L   |
| 4) T 1,3,5-Trinitrobenzene     | 2.725   | 2328983  | 212.383 ug/L m |
| 5) T 1,3-Dinitrobenzene        | 3.627   | 3471299  | 266.551 ng/mlm |
| 6) T 3,5-Dinitroaniline        | 4.055f  | 2841791  | 182.545 ug/L m |
| 7) T Nitrobenzene              | 4.827f  | 2113823  | 227.102 ug/L m |
| 8) T Tetryl                    | 6.475f  | 1044108  | 173.837 ug/L m |
| 9) T 2,4,6-Trinitrotoluene     | 6.637f  | 2633216  | 225.251 ug/L m |
| 10) T 2-Amino-4,6-dinitroto... | 7.274f  | 2486761  | 232.902 ug/L m |
| 11) T 4-Amino-2,6-dinitroto... | 7.639f  | 1568318  | 256.826 ug/L m |
| 12) T 2,4-Dinitrotoluene       | 8.325f  | 3470378  | 238.580 ug/L m |
| 13) T 2,6-Dinitrotoluene       | 8.748f  | 1829494  | 221.753 ug/L m |
| 14) T 2-Nitrotoluene           | 11.940f | 1393210  | 223.384 ug/L m |
| 15) T 4-Nitrotoluene           | 12.697f | 1281426  | 244.294 ug/L m |
| 16) T 3-Nitrotoluene           | 13.981f | 1542708  | 232.275 ug/L m |
| 17) T PETN                     | 19.493f | 6141813  | 715.027 ug/L m |
| -----                          |         |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : QM  
Sample : LOQ-S-200PPB  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

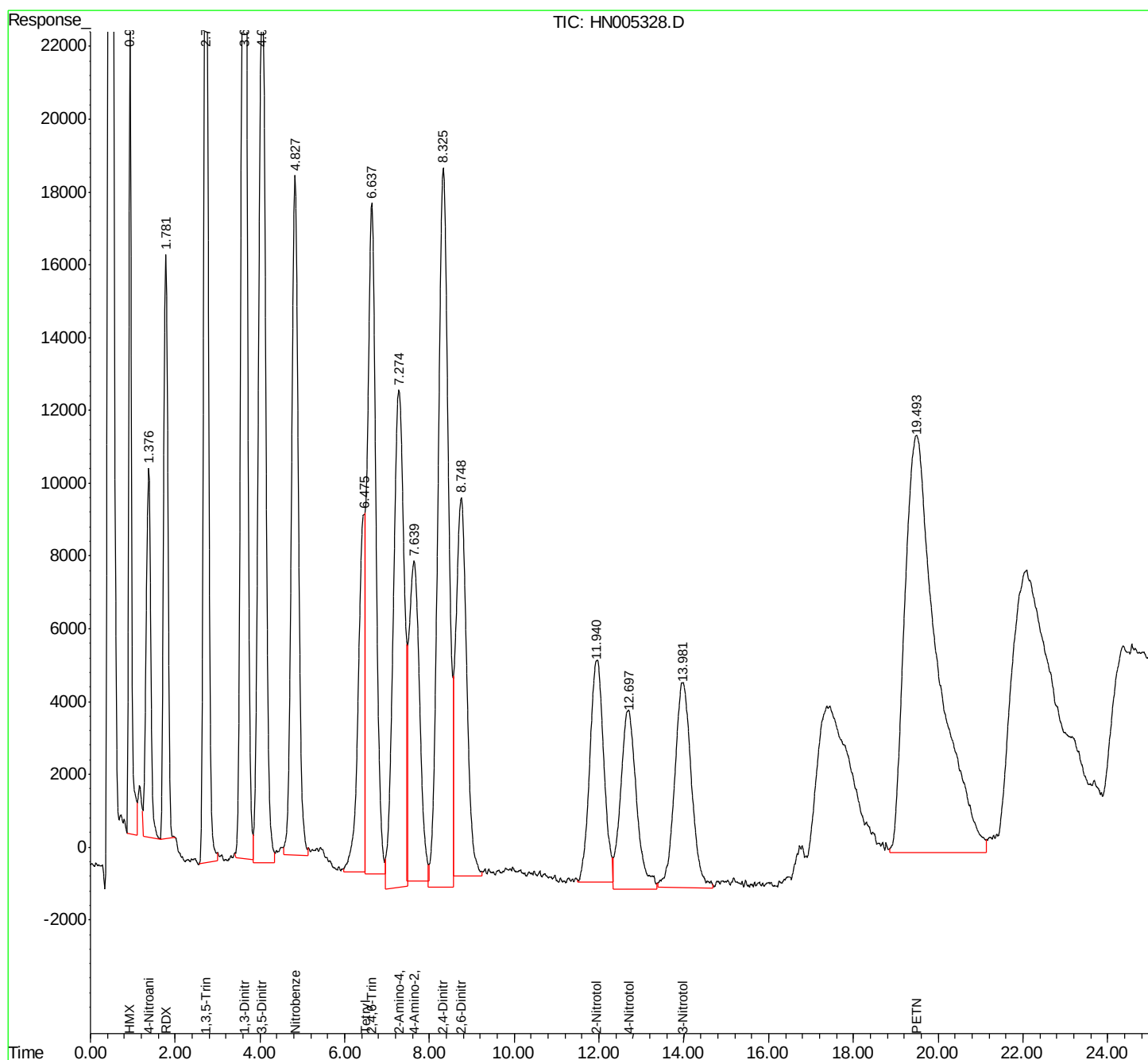
Instrument :  
HPLC\_N  
ClientSampleId :  
LOQ-S-200PPB

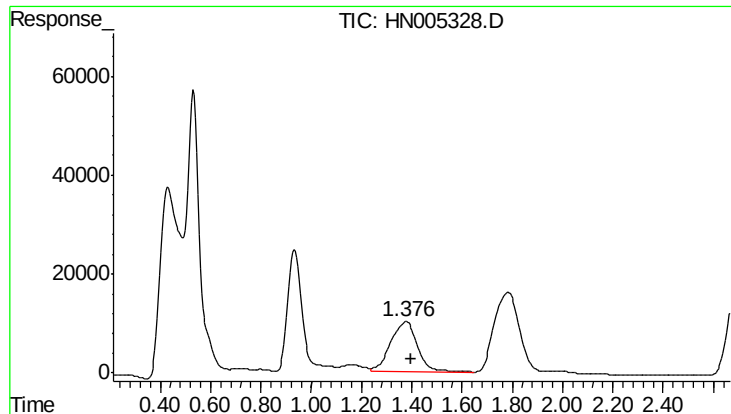
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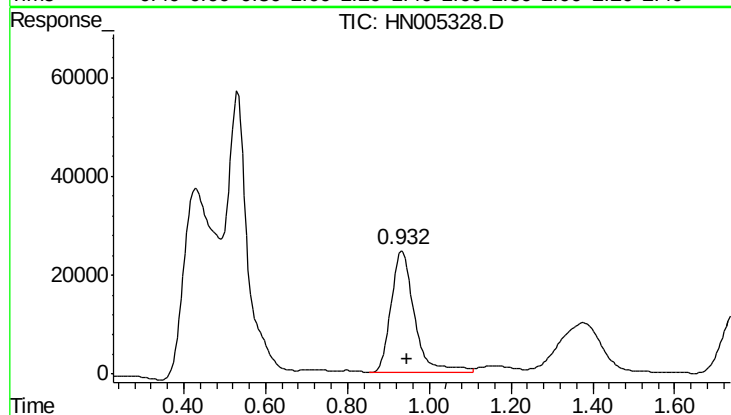
# #1 4-Nitroaniline

R.T.: 1.377 min  
Delta R.T.: -0.021 min  
Response: 751749  
Conc: 176.87 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
LOQ-S-200PPB

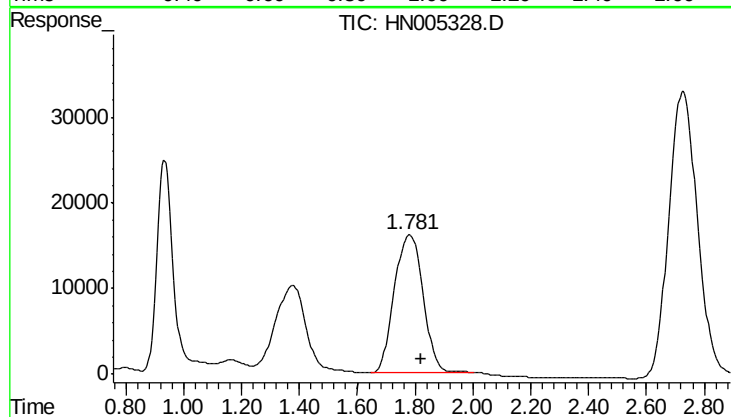
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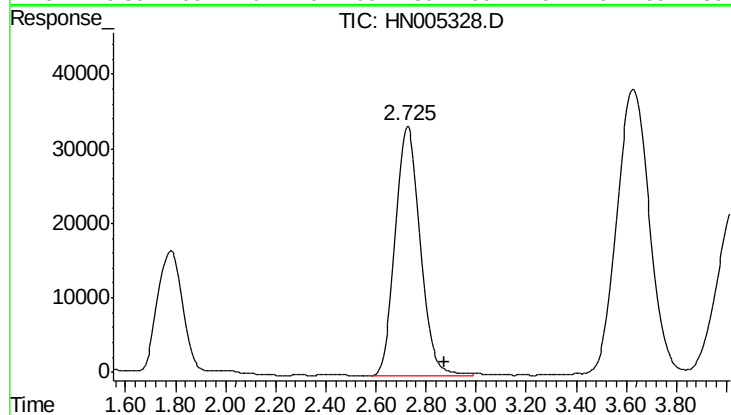
# #2 HMX

R.T.: 0.934 min  
Delta R.T.: -0.013 min  
Response: 985870  
Conc: 231.73 ug/L



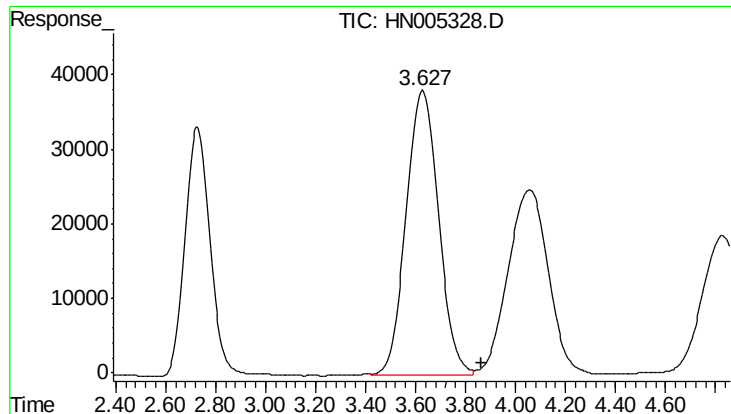
# #3 RDX

R.T.: 1.782 min  
Delta R.T.: -0.041 min  
Response: 1096854  
Conc: 213.25 ug/L



# #4 1,3,5-Trinitrobenzene

R.T.: 2.725 min  
Delta R.T.: -0.151 min  
Response: 2328983  
Conc: 212.38 ug/L m



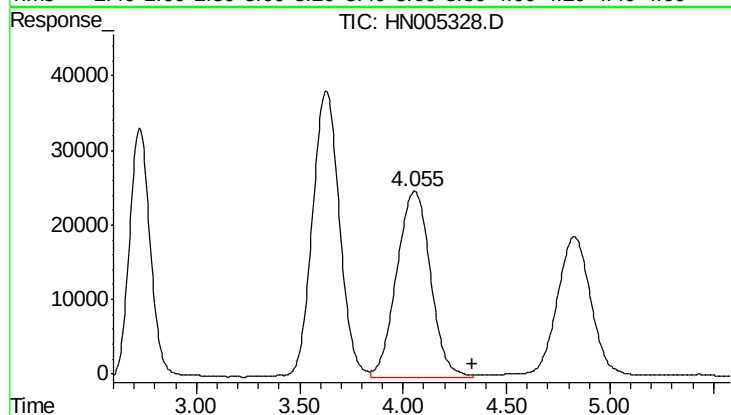
# #5 1,3-Dinitrobenzene

R.T.: 3.627 min  
 Delta R.T.: -0.237 min  
 Response: 3471299  
 Conc: 266.55 ng/ml

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 LOQ-S-200PPB

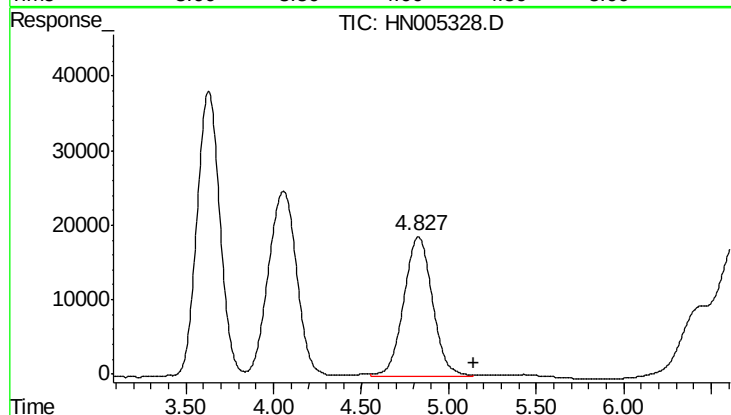
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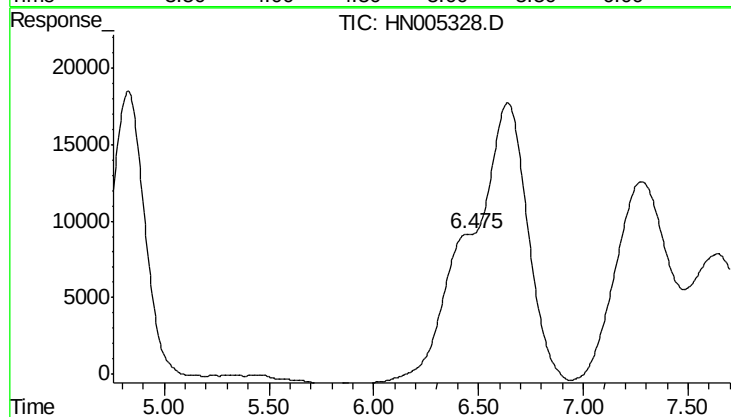
# #6 3,5-Dinitroaniline

R.T.: 4.055 min  
 Delta R.T.: -0.284 min  
 Response: 2841791  
 Conc: 182.54 ug/L m



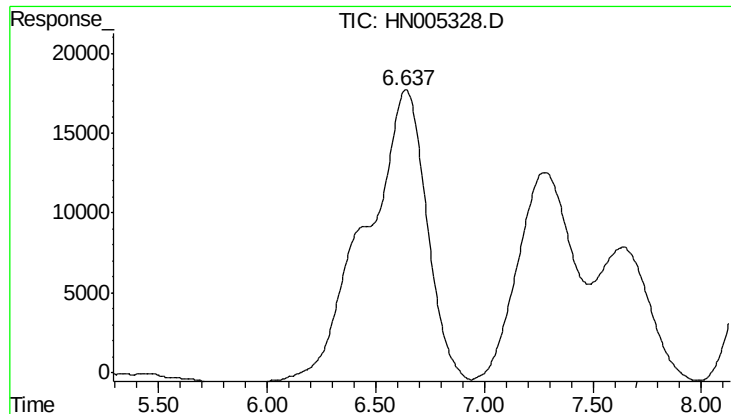
# #7 Nitrobenzene

R.T.: 4.827 min  
 Delta R.T.: -0.315 min  
 Response: 2113823  
 Conc: 227.10 ug/L m



# #8 Tetryl

R.T.: 6.475 min  
 Delta R.T.: -0.436 min  
 Response: 1044108  
 Conc: 173.84 ug/L m



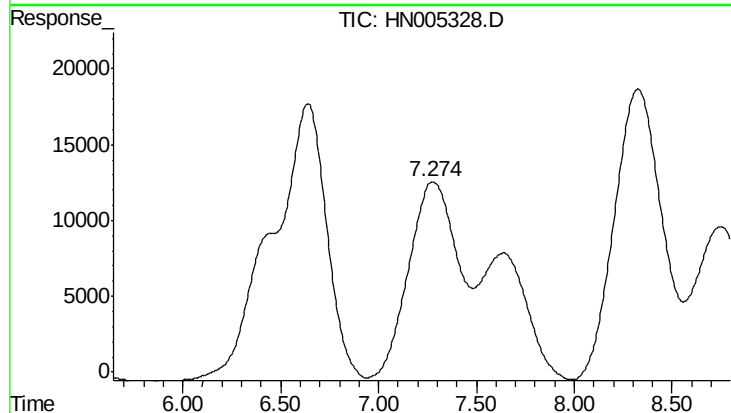
#9 2,4,6-Trinitrotoluene

R.T.: 6.637 min  
 Delta R.T.: -0.411 min  
 Response: 2633216  
 Conc: 225.25 ug/L m

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 LOQ-S-200PPB

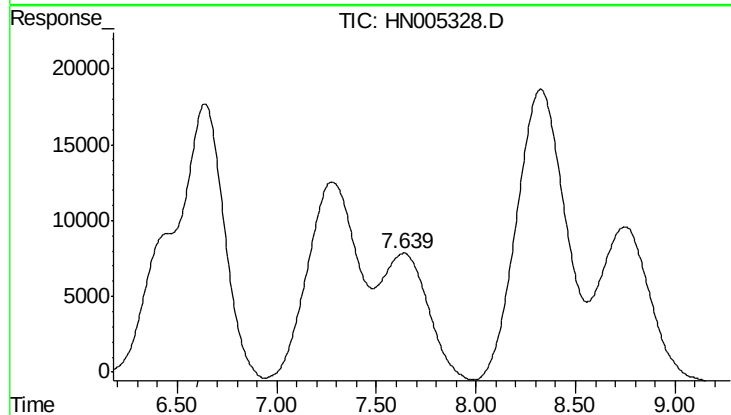
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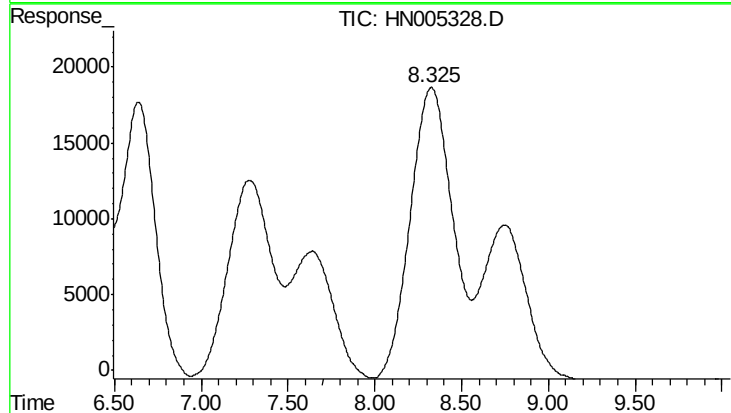
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.274 min  
 Delta R.T.: -0.475 min  
 Response: 2486761  
 Conc: 232.90 ug/L m



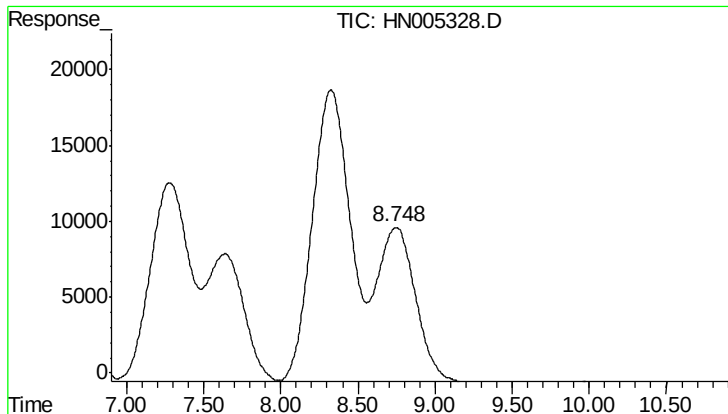
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.639 min  
 Delta R.T.: -0.470 min  
 Response: 1568318  
 Conc: 256.83 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.325 min  
 Delta R.T.: -0.465 min  
 Response: 3470378  
 Conc: 238.58 ug/L m



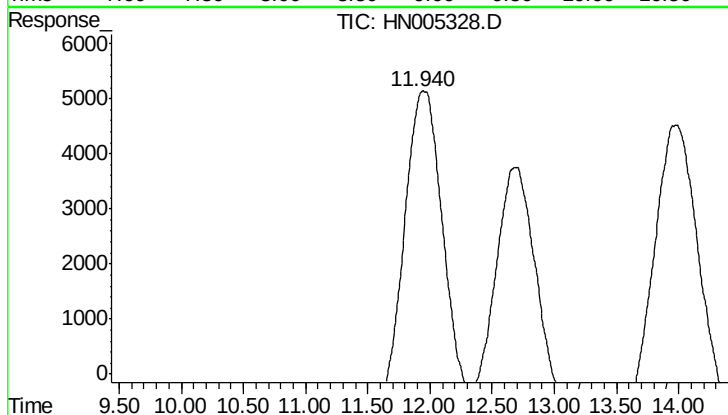
# #13 2,6-Dinitrotoluene

R.T.: 8.748 min  
 Delta R.T.: -0.472 min  
 Response: 1829494  
 Conc: 221.75 ug/L m

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 LOQ-S-200PPB

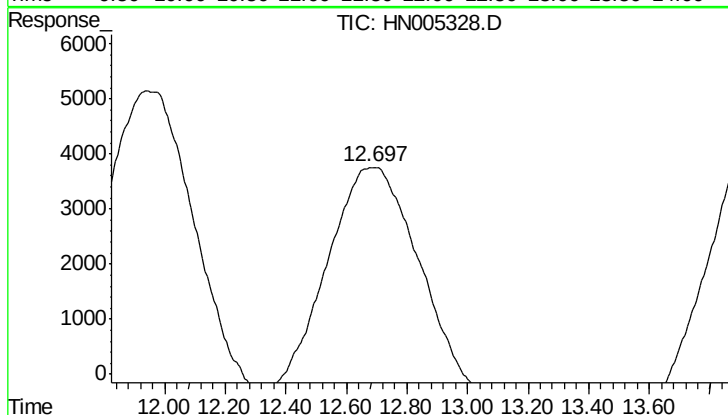
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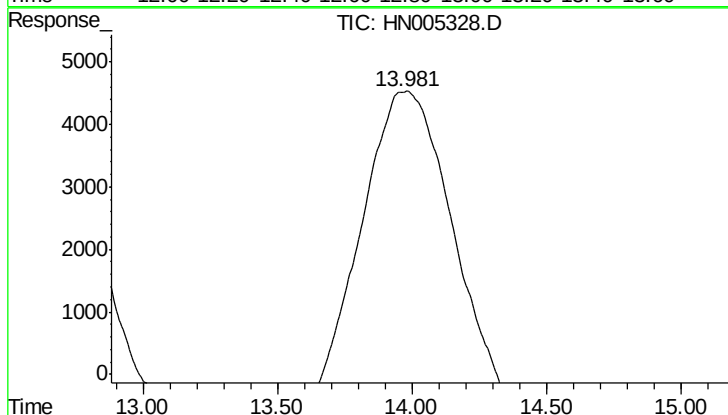
# #14 2-Nitrotoluene

R.T.: 11.940 min  
 Delta R.T.: -0.596 min  
 Response: 1393210  
 Conc: 223.38 ug/L m



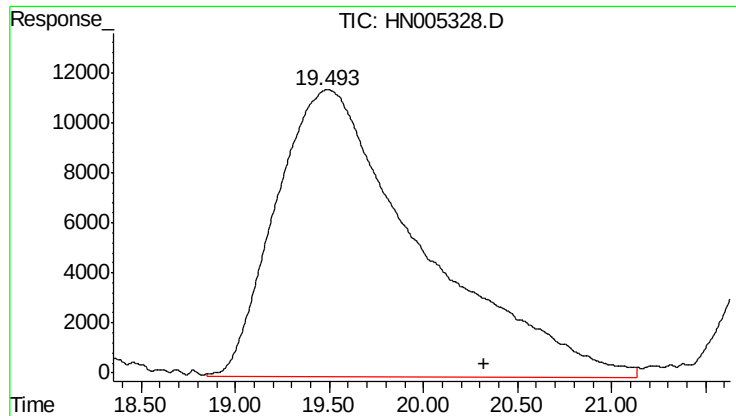
# #15 4-Nitrotoluene

R.T.: 12.697 min  
 Delta R.T.: -0.638 min  
 Response: 1281426  
 Conc: 244.29 ug/L m



# #16 3-Nitrotoluene

R.T.: 13.981 min  
 Delta R.T.: -0.693 min  
 Response: 1542708  
 Conc: 232.27 ug/L m



#17 PETN

R.T.: 19.493 min  
Delta R.T.: -0.828 min  
Response: 6141813  
Conc: 715.03 ug/L m

Instrument :  
HPLC\_N  
ClientSampleId :  
LOQ-S-200PPB

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