

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN052913\  
 Data File : HN005334.D  
 Signal(s) : VWD1A.CH  
 Acq On : 29-May-2013, 18:50  
 Operator : QM  
 Sample : HSTDCCC0500  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 03 07:32:20 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            | 1.360  | 2190678  | 515.424 ug/L   |
| Target Compounds               |        |          |                |
| 2) T HMX                       | 0.922  | 2272750  | 534.219 ug/L   |
| 3) T RDX                       | 1.775  | 2678317  | 520.721 ug/L   |
| 4) T 1,3,5-Trinitrobenzene     | 2.754  | 5918513  | 539.717 ug/L   |
| 5) T 1,3-Dinitrobenzene        | 3.662  | 8129824  | 624.265 ng/mL  |
| 6) T 3,5-Dinitroaniline        | 4.092  | 6893831  | 442.831 ug/L   |
| 7) T Nitrobenzene              | 4.884  | 4867309  | 522.928 ug/L m |
| 8) T Tetryl                    | 6.501  | 2736664  | 455.638 ug/L m |
| 9) T 2,4,6-Trinitrotoluene     | 6.706  | 6315731  | 540.262 ug/L   |
| 10) T 2-Amino-4,6-dinitroto... | 7.353  | 5533478  | 518.247 ug/L   |
| 11) T 4-Amino-2,6-dinitroto... | 7.710  | 3217582  | 526.908 ug/L   |
| 12) T 2,4-Dinitrotoluene       | 8.393  | 7551801  | 519.167 ug/L   |
| 13) T 2,6-Dinitrotoluene       | 8.803  | 3856045  | 467.391 ug/L   |
| 14) T 2-Nitrotoluene           | 12.016 | 3195913  | 512.426 ug/L   |
| 15) T 4-Nitrotoluene           | 12.795 | 2568616  | 489.687 ug/L   |
| 16) T 3-Nitrotoluene           | 14.104 | 3344727  | 503.592 ug/L   |
| 17) T PETN                     | 19.612 | 3936904  | 458.332 ug/L m |
| -----                          |        |          |                |

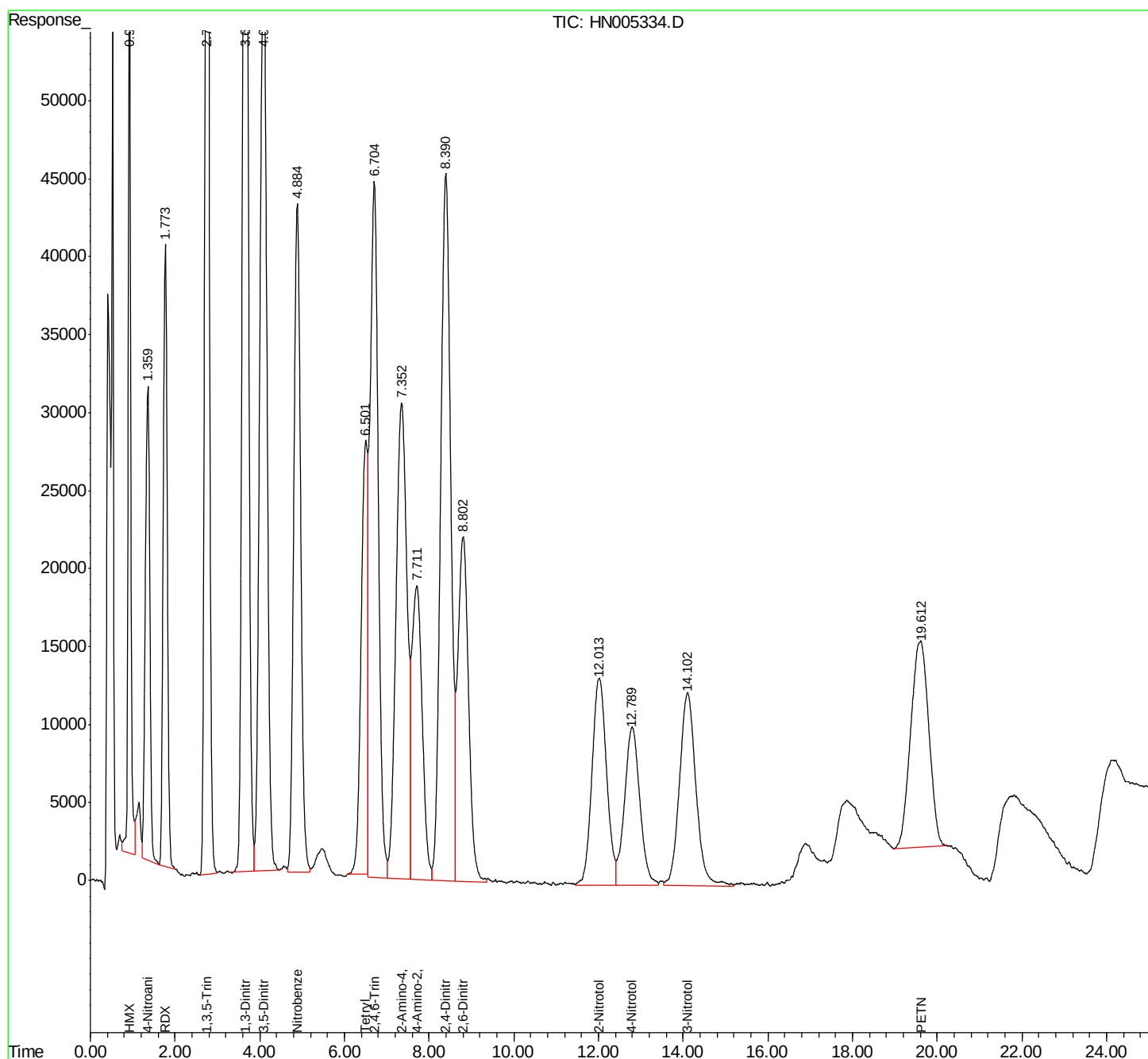
(f)=RT Delta > 1/2 Window

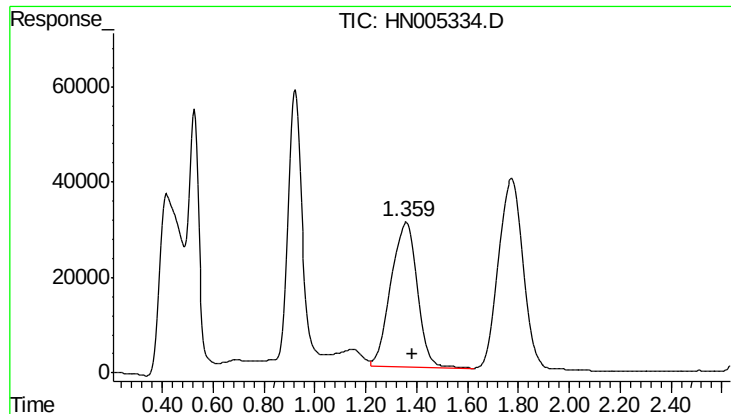
(m)=manual int.

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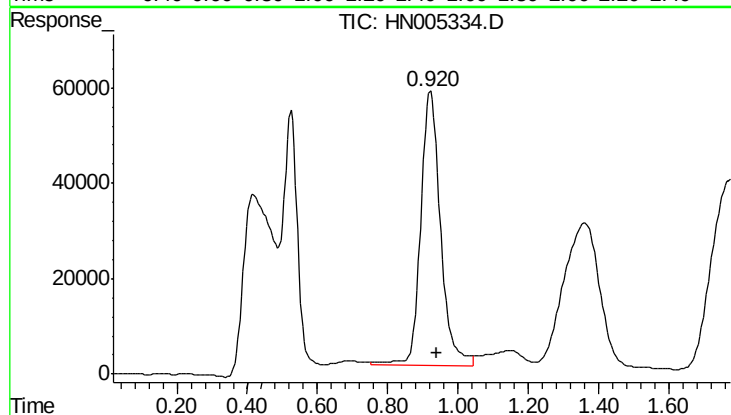
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Signal Info : 4.6 X 100mm 3.5-Micron 80A





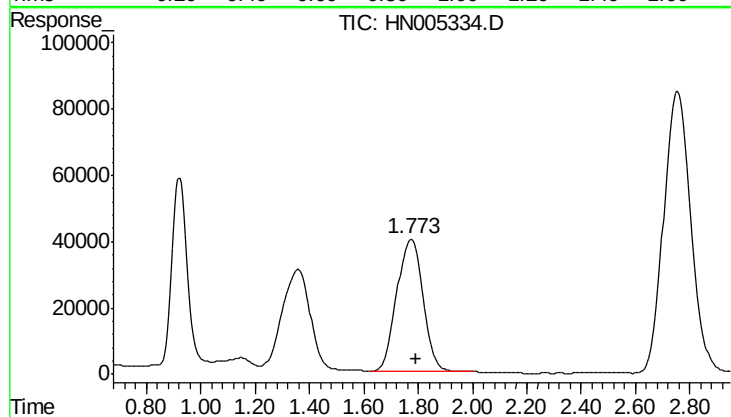
#### #1 4-Nitroaniline

R.T.: 1.360 min  
Delta R.T.: -0.022 min  
Response: 2190678  
Conc: 515.42 ug/L



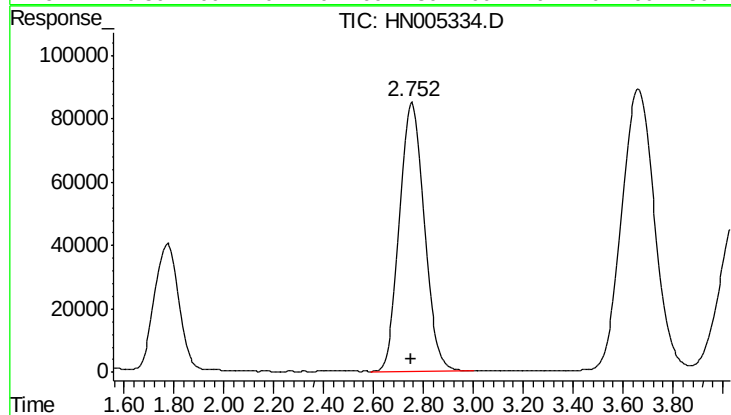
#### #2 HMX

R.T.: 0.922 min  
Delta R.T.: -0.017 min  
Response: 2272750  
Conc: 534.22 ug/L



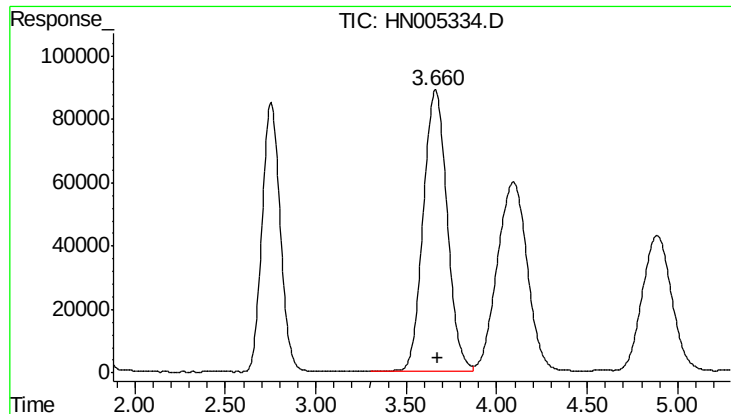
#### #3 RDX

R.T.: 1.775 min  
Delta R.T.: -0.016 min  
Response: 2678317  
Conc: 520.72 ug/L



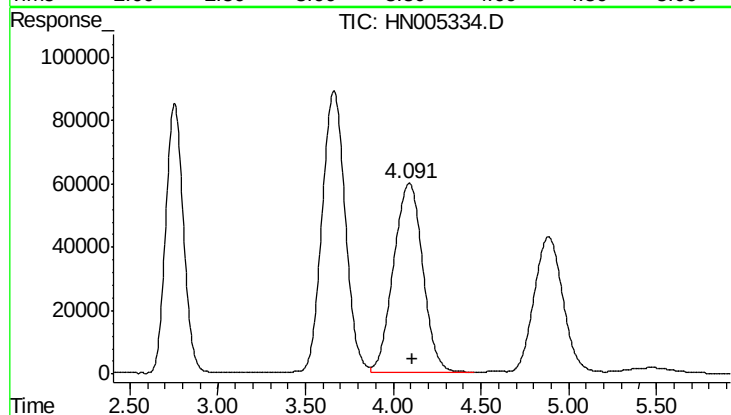
#### #4 1,3,5-Trinitrobenzene

R.T.: 2.754 min  
Delta R.T.: 0.005 min  
Response: 5918513  
Conc: 539.72 ug/L



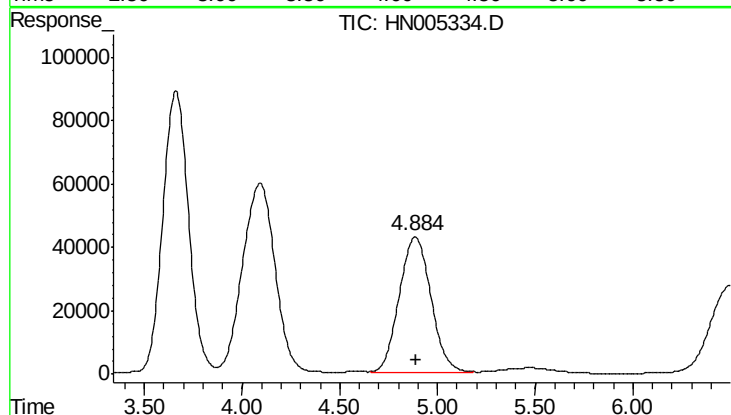
#5 1,3-Dinitrobenzene

R.T.: 3.662 min  
 Delta R.T.: -0.010 min  
 Response: 8129824  
 Conc: 624.26 ng/ml



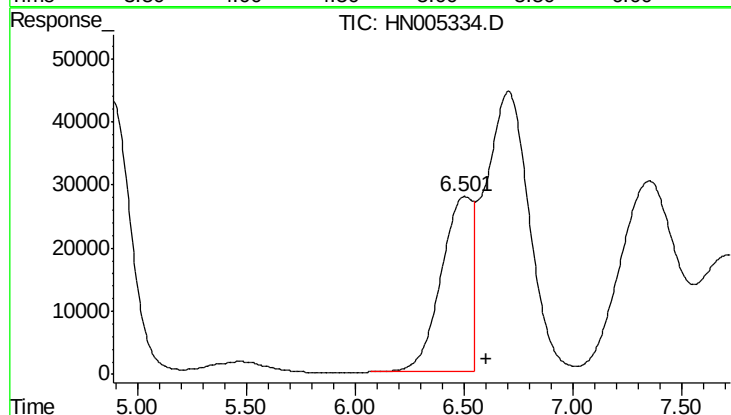
#6 3,5-Dinitroaniline

R.T.: 4.092 min  
 Delta R.T.: -0.018 min  
 Response: 6893831  
 Conc: 442.83 ug/L



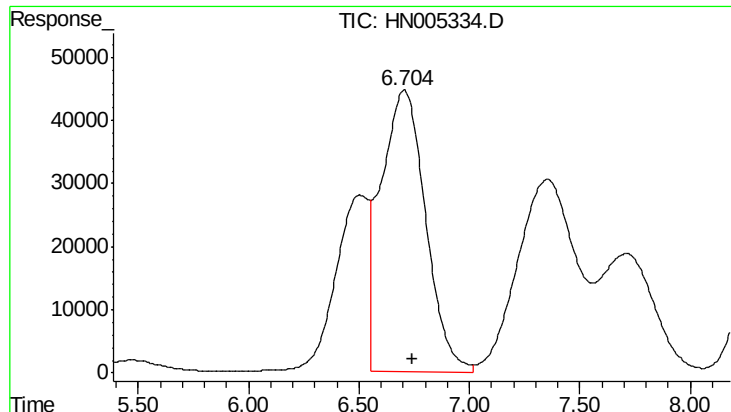
#7 Nitrobenzene

R.T.: 4.884 min  
 Delta R.T.: -0.007 min  
 Response: 4867309  
 Conc: 522.93 ug/L m



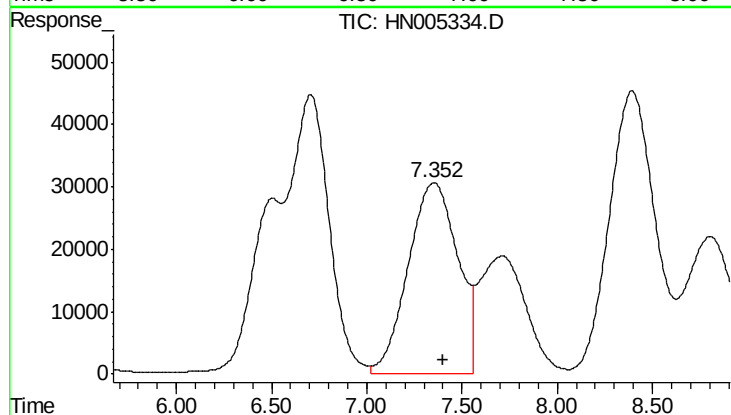
#8 Tetryl

R.T.: 6.501 min  
 Delta R.T.: -0.104 min  
 Response: 2736664  
 Conc: 455.64 ug/L m



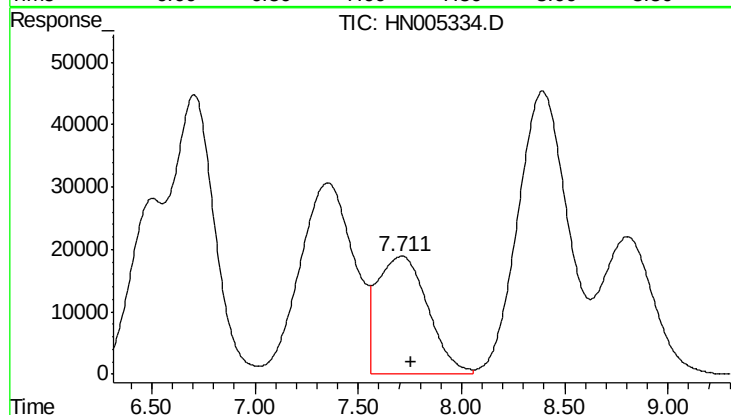
#9 2,4,6-Trinitrotoluene

R.T.: 6.706 min  
Delta R.T.: -0.038 min  
Response: 6315731  
Conc: 540.26 ug/L



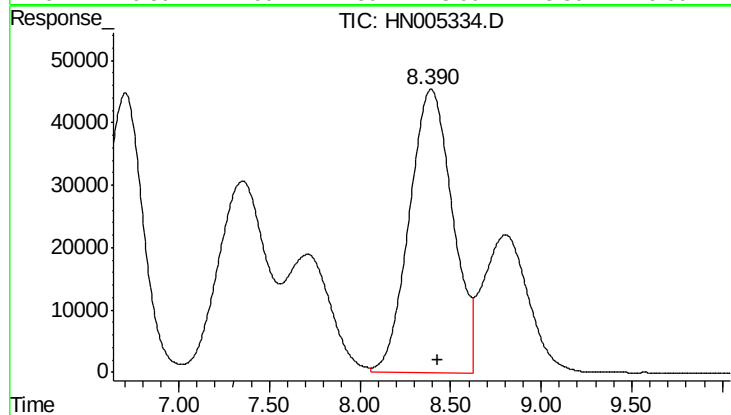
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.353 min  
Delta R.T.: -0.050 min  
Response: 5533478  
Conc: 518.25 ug/L



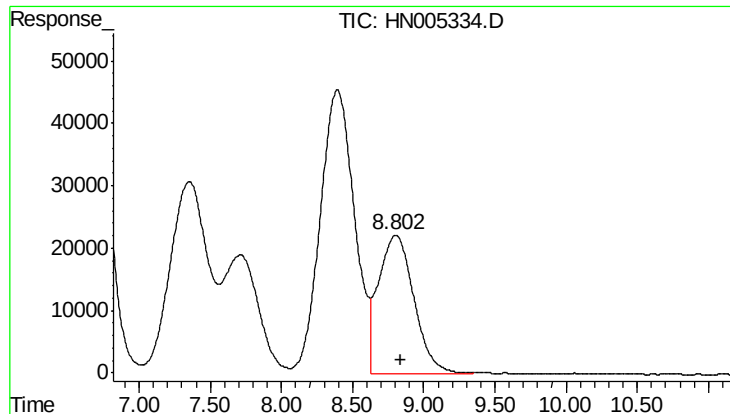
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.710 min  
Delta R.T.: -0.046 min  
Response: 3217582  
Conc: 526.91 ug/L

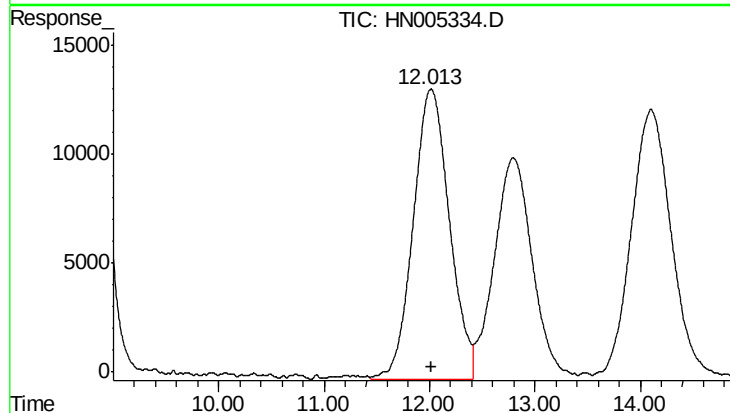


#12 2,4-Dinitrotoluene

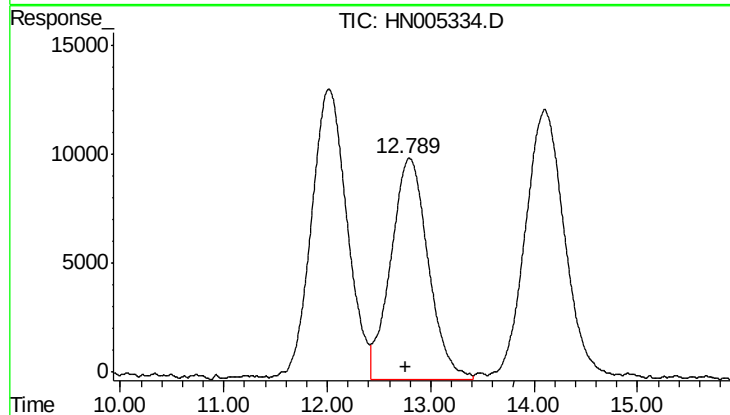
R.T.: 8.393 min  
Delta R.T.: -0.037 min  
Response: 7551801  
Conc: 519.17 ug/L



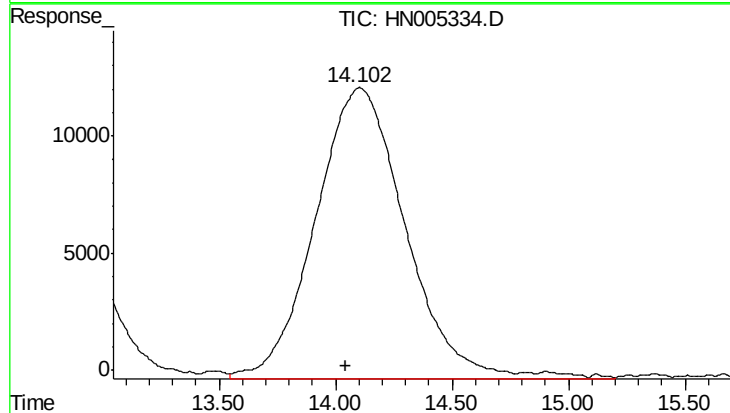
#13 2,6-Dinitrotoluene  
 R.T.: 8.803 min  
 Delta R.T.: -0.036 min  
 Response: 3856045  
 Conc: 467.39 ug/L



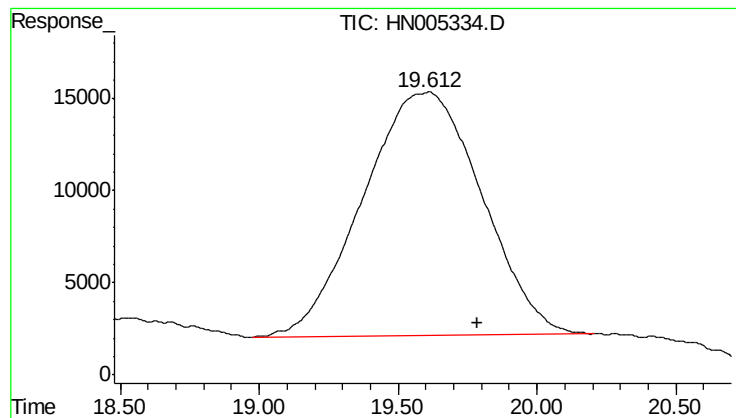
#14 2-Nitrotoluene  
 R.T.: 12.016 min  
 Delta R.T.: -0.010 min  
 Response: 3195913  
 Conc: 512.43 ug/L



#15 4-Nitrotoluene  
 R.T.: 12.795 min  
 Delta R.T.: 0.032 min  
 Response: 2568616  
 Conc: 489.69 ug/L



#16 3-Nitrotoluene  
 R.T.: 14.104 min  
 Delta R.T.: 0.058 min  
 Response: 3344727  
 Conc: 503.59 ug/L



#17 PETN

R.T.: 19.612 min  
Delta R.T.: -0.171 min  
Response: 3936904  
Conc: 458.33 ug/L m