

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN120214\  
 Data File : HN007132.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 02-Dec-2014, 15:57  
 Operator : TP  
 Sample : HSTDCCC0500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 HSTDCCC0500

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 17:53:18 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN120214.M  
 Quant Title :  
 QLast Update : Wed Mar 11 17:46:21 2015  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 50 ul  
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 1) S 4-Nitroaniline            | 1.300  | 2034149  | 501.940 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.873  | 2172834  | 505.170 ug/L  |
| 3) T RDX                       | 1.695  | 2678894  | 490.479 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.662  | 5871515  | 505.720 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.522  | 8330091  | 494.662 ng/ml |
| 6) T 3,5-Dinitroaniline        | 3.895  | 6424856  | 491.140 ug/L  |
| 7) T Nitrobenzene              | 4.760  | 5028327  | 492.699 ug/L  |
| 8) T Tetryl                    | 6.283  | 4035061  | 568.144 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.526  | 5916365  | 470.595 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 7.082  | 5405052  | 475.395 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 7.445  | 3555979  | 543.573 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.197  | 7519074  | 492.010 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 8.609  | 4275517  | 516.076 ug/L  |
| 14) T 2-Nitrotoluene           | 11.960 | 3355282  | 503.124 ug/L  |
| 15) T 4-Nitrotoluene           | 12.694 | 2731503  | 498.832 ug/L  |
| 16) T 3-Nitrotoluene           | 14.016 | 3519482  | 463.857 ug/L  |
| 17) T PETN                     | 19.109 | 3366701  | 410.209 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 02-Dec-2014, 15:57  
Operator : TP  
Sample : HSTDCCC0500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

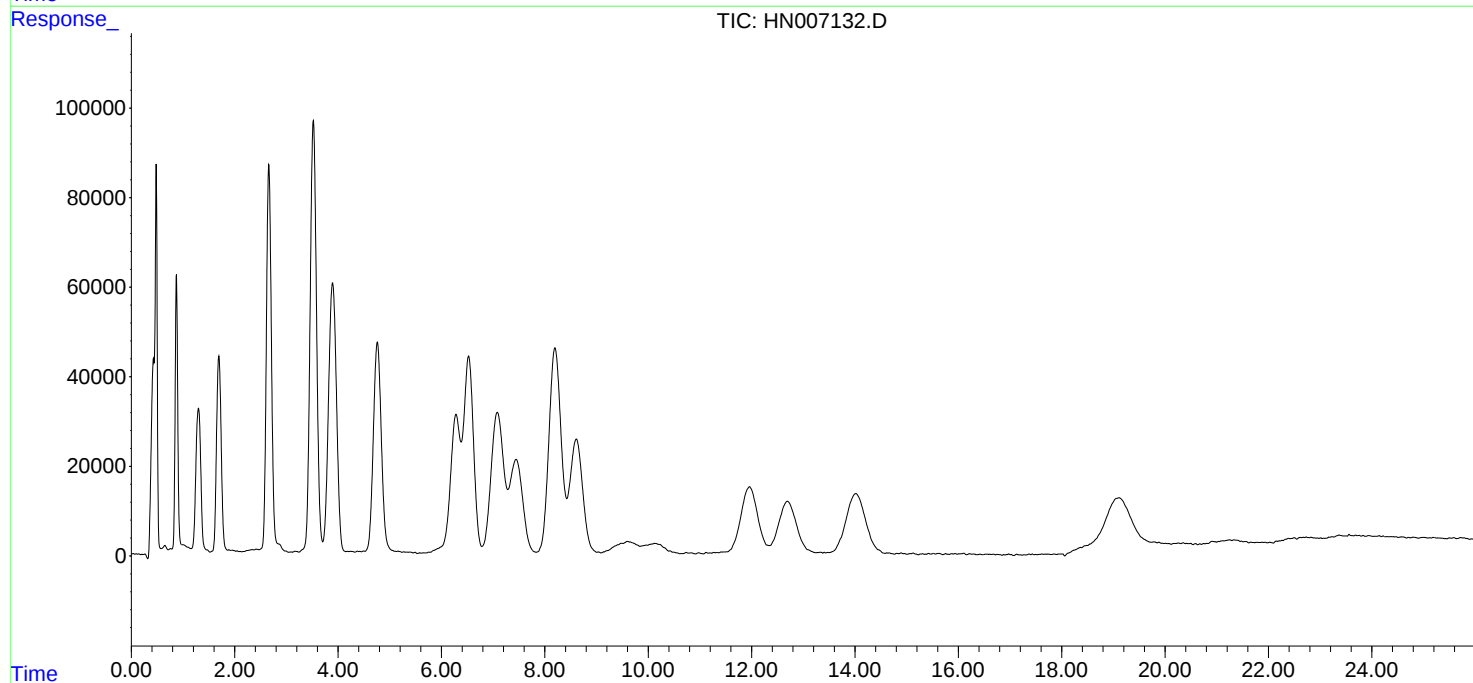
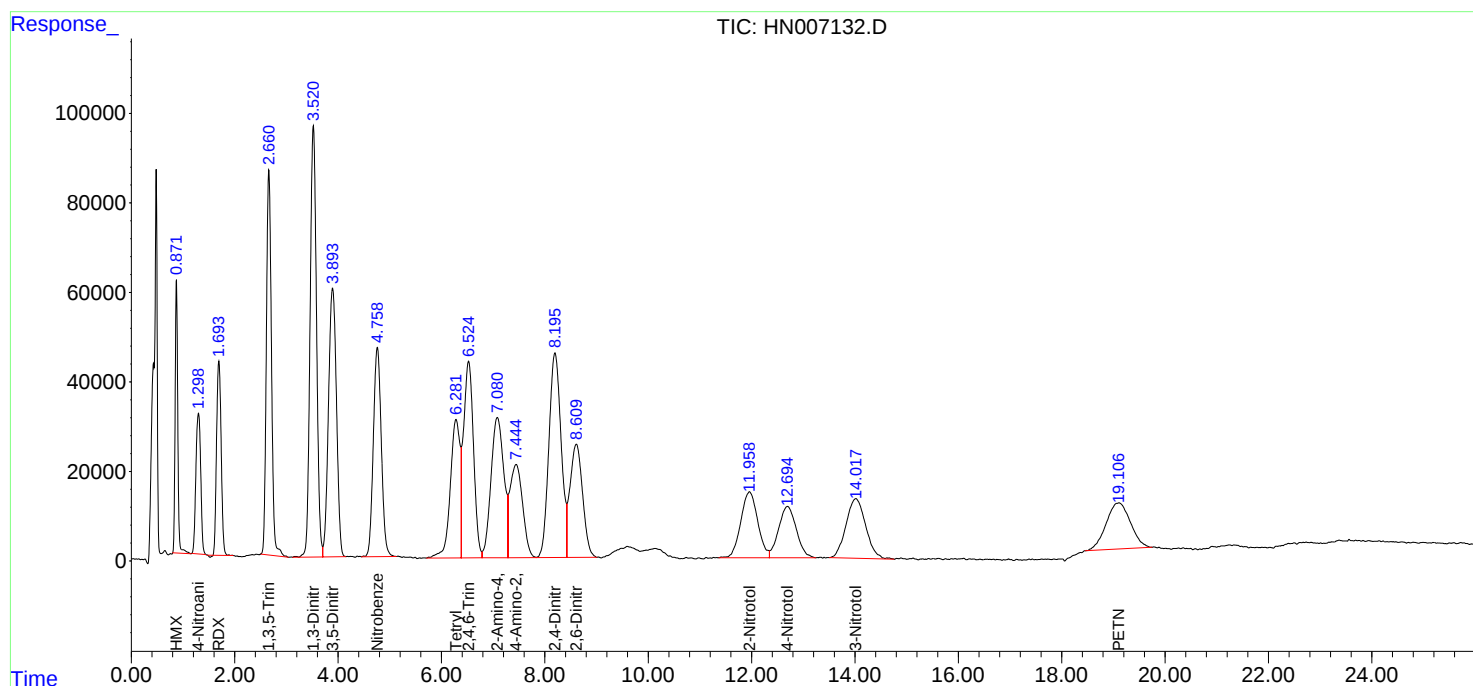
Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500

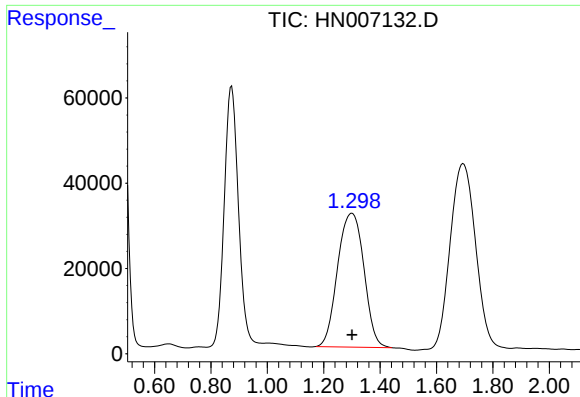
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 17:53:18 2015  
Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN120214.M  
Quant Title :  
QLast Update : Wed Mar 11 17:46:21 2015  
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Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
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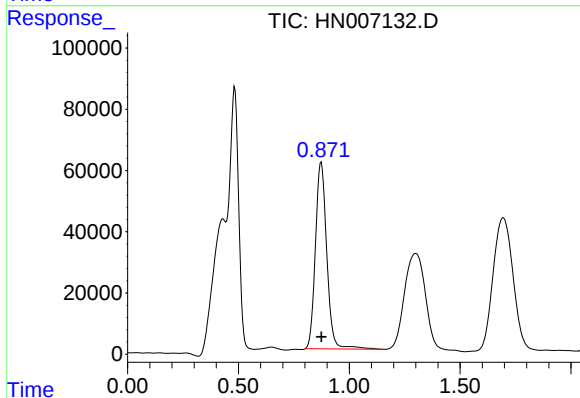
#### #1 4-Nitroaniline

R.T.: 1.300 min  
 Delta R.T.: -0.001 min  
 Response: 2034149  
 Conc: 501.94 ug/L

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 HSTDCCC0500

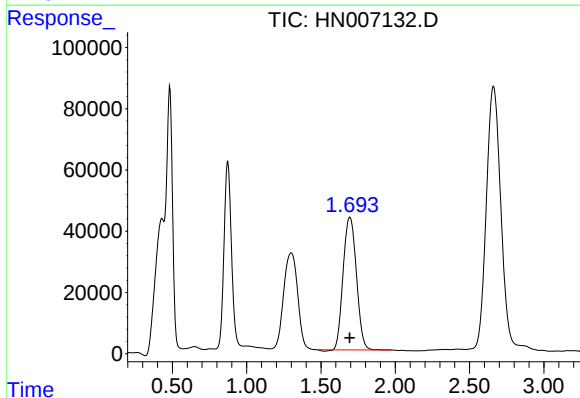
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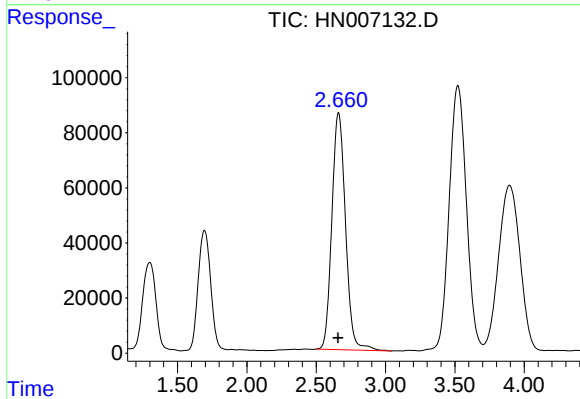
#### #2 HMX

R.T.: 0.873 min  
 Delta R.T.: -0.002 min  
 Response: 2172834  
 Conc: 505.17 ug/L



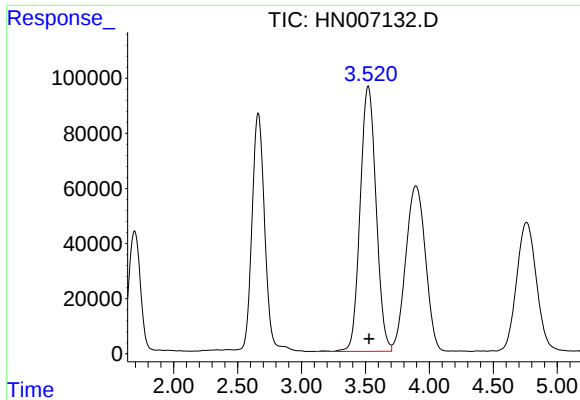
#### #3 RDX

R.T.: 1.695 min  
 Delta R.T.: 0.000 min  
 Response: 2678894  
 Conc: 490.48 ug/L



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

R.T.: 2.662 min  
 Delta R.T.: 0.003 min  
 Response: 5871515  
 Conc: 505.72 ug/L



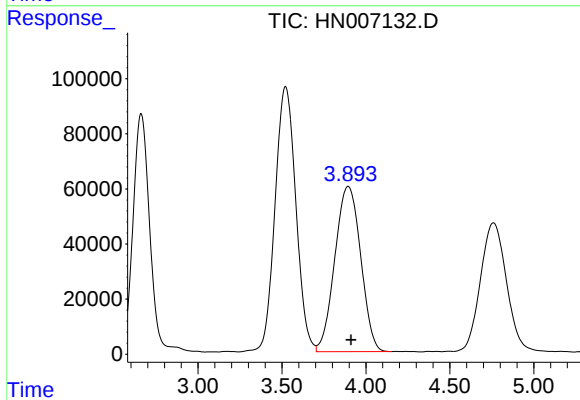
#5 1,3-Dinitrobenzene

R.T.: 3.522 min  
Delta R.T.: -0.007 min  
Response: 8330091  
Conc: 494.66 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500

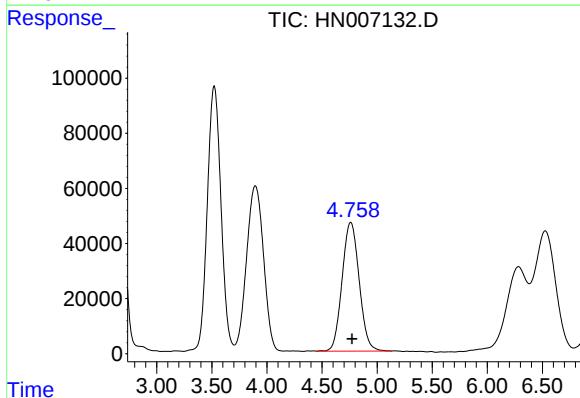
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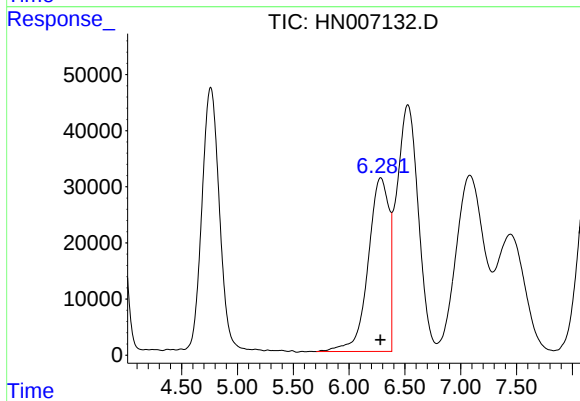
#6 3,5-Dinitroaniline

R.T.: 3.895 min  
Delta R.T.: -0.016 min  
Response: 6424856  
Conc: 491.14 ug/L



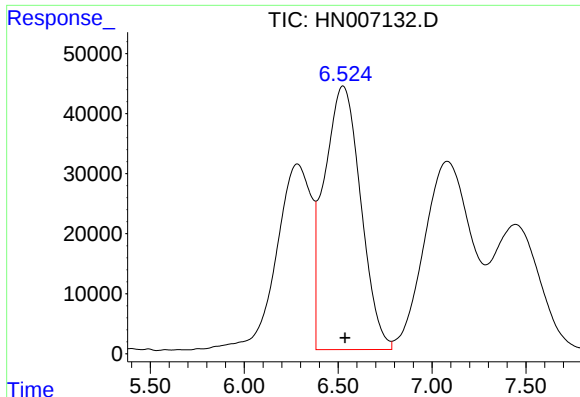
#7 Nitrobenzene

R.T.: 4.760 min  
Delta R.T.: -0.011 min  
Response: 5028327  
Conc: 492.70 ug/L



#8 Tetryl

R.T.: 6.283 min  
Delta R.T.: 0.004 min  
Response: 4035061  
Conc: 568.14 ug/L



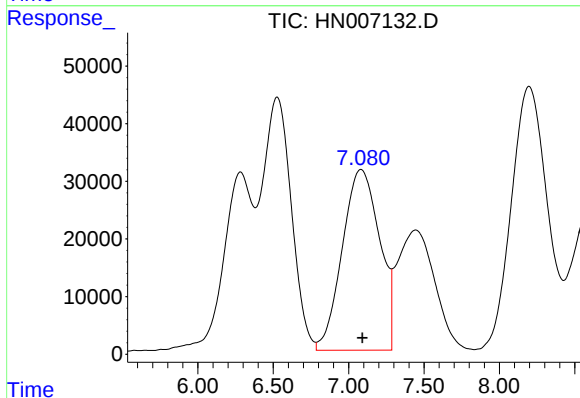
#9 2,4,6-Trinitrotoluene

R.T.: 6.526 min  
Delta R.T.: -0.011 min  
Response: 5916365  
Conc: 470.60 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500

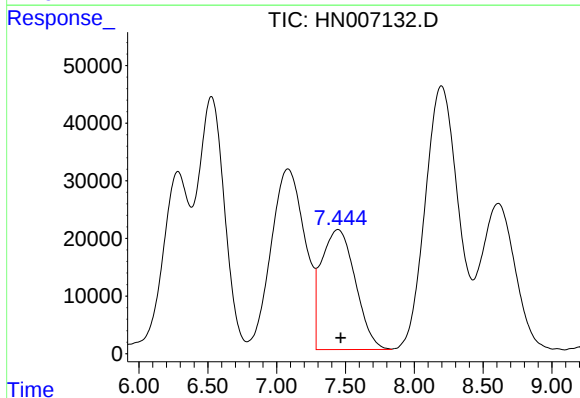
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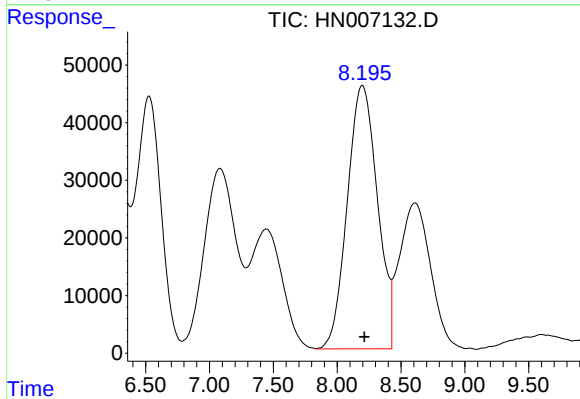
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.082 min  
Delta R.T.: -0.009 min  
Response: 5405052  
Conc: 475.40 ug/L



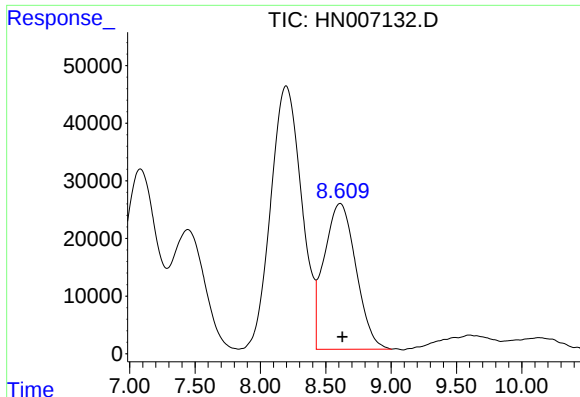
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.445 min  
Delta R.T.: -0.021 min  
Response: 3555979  
Conc: 543.57 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.197 min  
Delta R.T.: -0.018 min  
Response: 7519074  
Conc: 492.01 ug/L



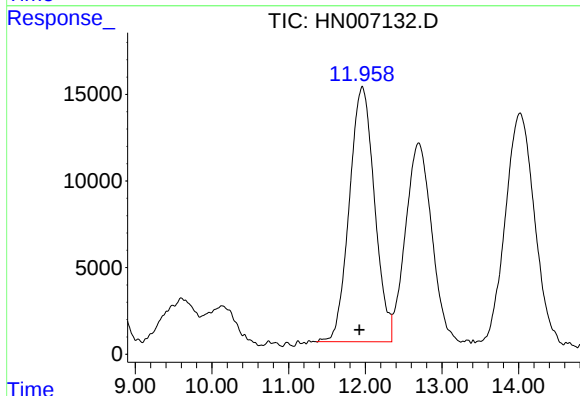
#13 2,6-Dinitrotoluene

R.T.: 8.609 min  
Delta R.T.: -0.017 min  
Response: 4275517  
Conc: 516.08 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500

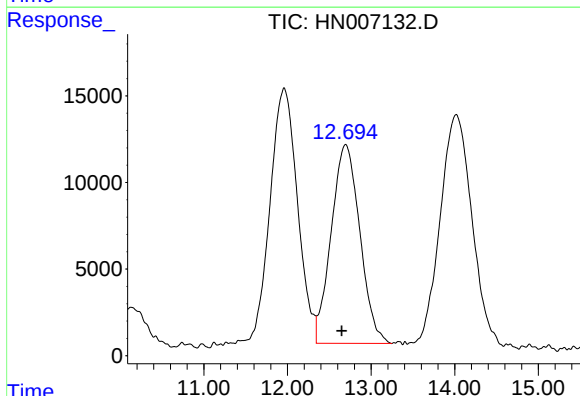
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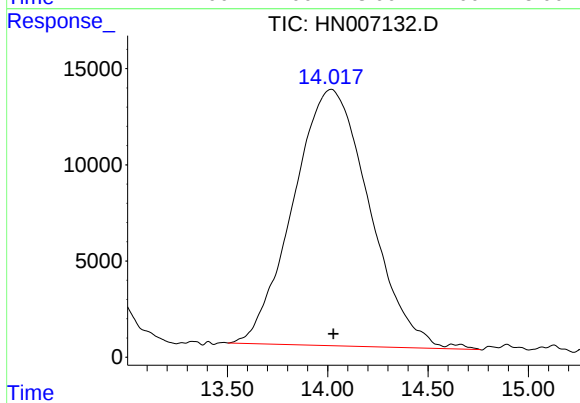
#14 2-Nitrotoluene

R.T.: 11.960 min  
Delta R.T.: 0.036 min  
Response: 3355282  
Conc: 503.12 ug/L



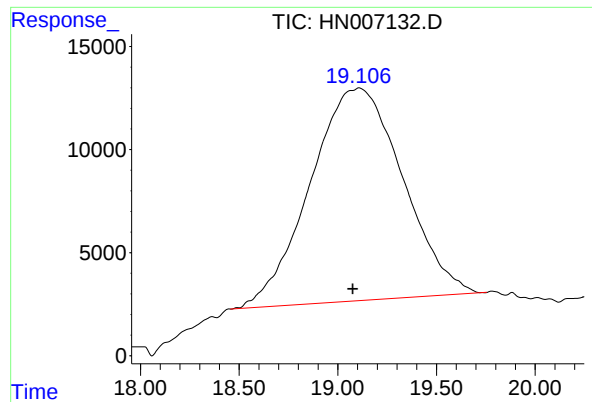
#15 4-Nitrotoluene

R.T.: 12.694 min  
Delta R.T.: 0.044 min  
Response: 2731503  
Conc: 498.83 ug/L



#16 3-Nitrotoluene

R.T.: 14.016 min  
Delta R.T.: -0.013 min  
Response: 3519482  
Conc: 463.86 ug/L



#17 PETN

R.T.: 19.109 min  
Delta R.T.: 0.034 min  
Response: 3366701  
Conc: 410.21 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500

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