

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN101514\  
 Data File : HN006326.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 15-Oct-2014, 23:35  
 Operator : HNP  
 Sample : F4244-09MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 YS19-GW09-1014MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 17:59:15 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
 Quant Title :  
 QLast Update : Wed Mar 04 17:53:55 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            | 1.319  | 1066474  | 313.006 ug/L   |
| Target Compounds               |        |          |                |
| 2) T HMX                       | 0.879  | 901940   | 200.076 ug/L m |
| 3) T RDX                       | 1.712  | 1162990  | 221.821 ug/L   |
| 4) T 1,3,5-Trinitrobenzene     | 2.689  | 2135886  | 198.955 ug/L   |
| 5) T 1,3-Dinitrobenzene        | 3.578  | 3508546  | 215.055 ng/ml  |
| 6) T 3,5-Dinitroaniline        | 3.940  | 2648130  | 227.760 ug/L   |
| 7) T Nitrobenzene              | 4.833  | 2134425  | 211.944 ug/L   |
| 8) T Tetryl                    | 6.352  | 1610434  | 248.585 ug/L   |
| 9) T 2,4,6-Trinitrotoluene     | 6.632  | 2291520  | 208.908 ug/L   |
| 10) T 2-Amino-4,6-dinitroto... | 7.146  | 2291025  | 199.009 ug/L   |
| 11) T 4-Amino-2,6-dinitroto... | 7.507  | 1440863  | 235.342 ug/L   |
| 12) T 2,4-Dinitrotoluene       | 8.303  | 3288086  | 213.270 ug/L m |
| 13) T 2,6-Dinitrotoluene       | 8.717  | 1894755  | 227.495 ug/L   |
| 14) T 2-Nitrotoluene           | 12.040 | 1383553  | 210.658 ug/L m |
| 15) T 4-Nitrotoluene           | 12.791 | 1083612  | 202.277 ug/L m |
| 16) T 3-Nitrotoluene           | 14.117 | 1379118  | 199.696 ug/L   |
| 17) T PETN                     | 19.296 | 1688491  | 226.305 ug/L m |
| -----                          |        |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : F4244-09MSD  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

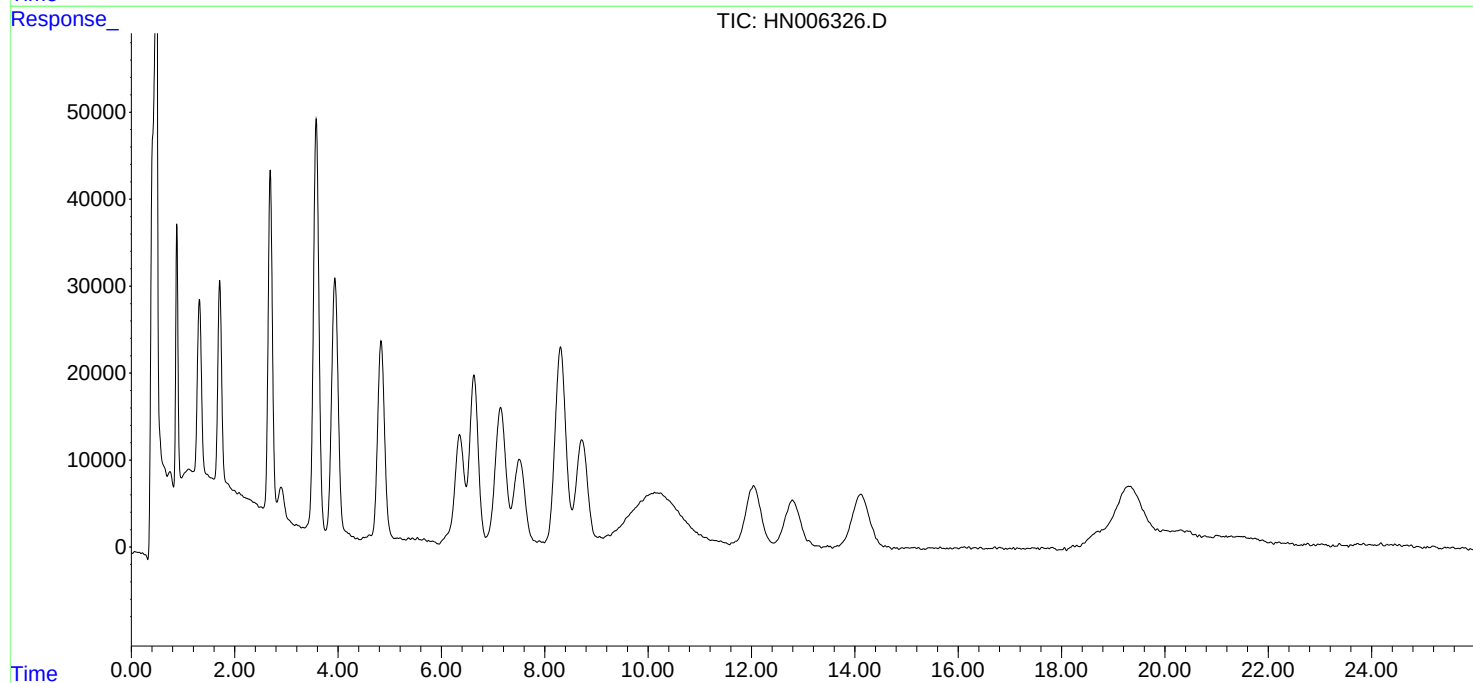
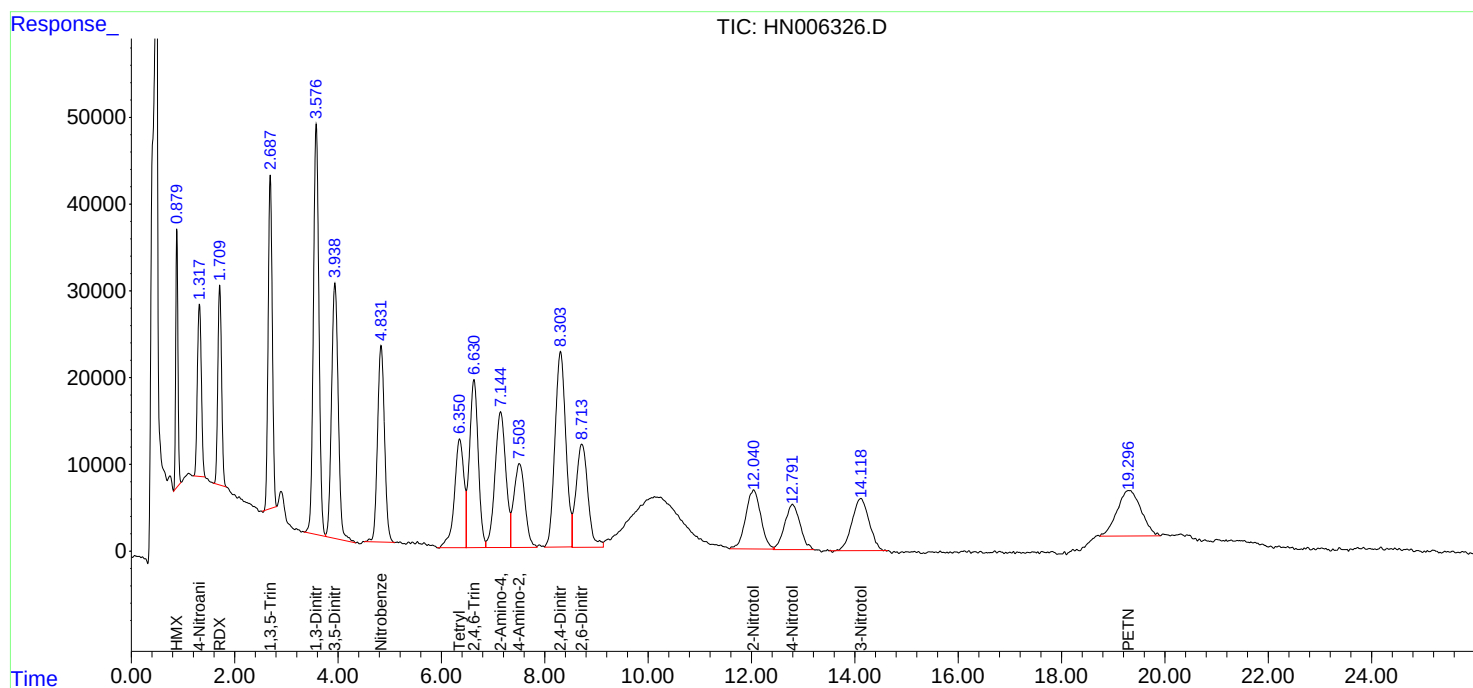
Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-GW09-1014MSD

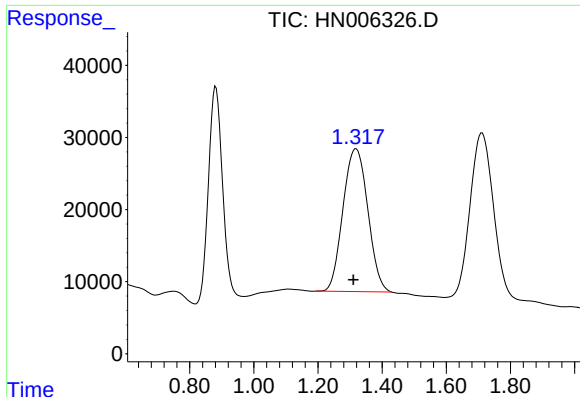
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 17:59:15 2015  
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Volume Inj. : 50 ul  
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
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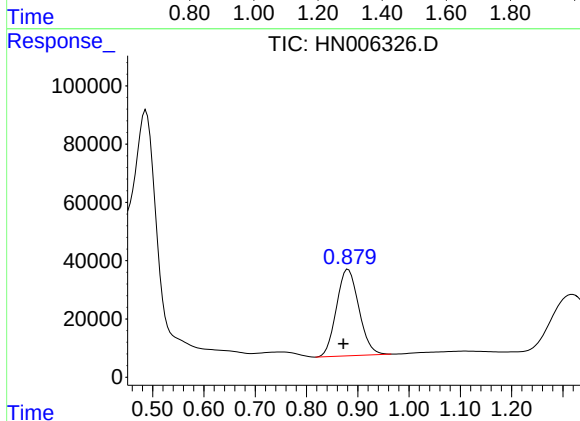
#1 4-Nitroaniline

R.T.: 1.319 min  
Delta R.T.: 0.008 min  
Response: 1066474  
Conc: 313.01 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-GW09-1014MSD

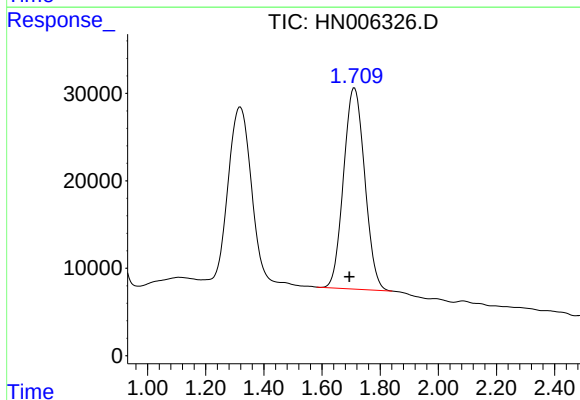
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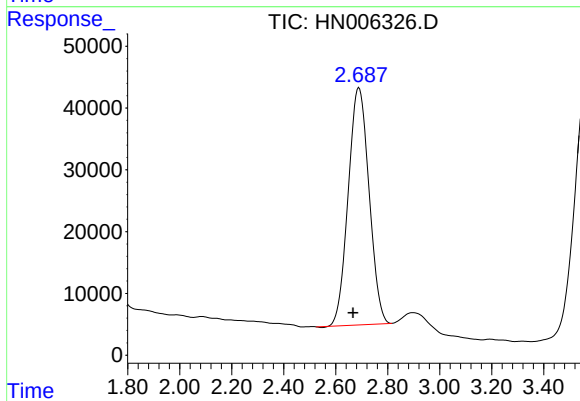
#2 HMX

R.T.: 0.879 min  
Delta R.T.: 0.007 min  
Response: 901940  
Conc: 200.08 ug/L m



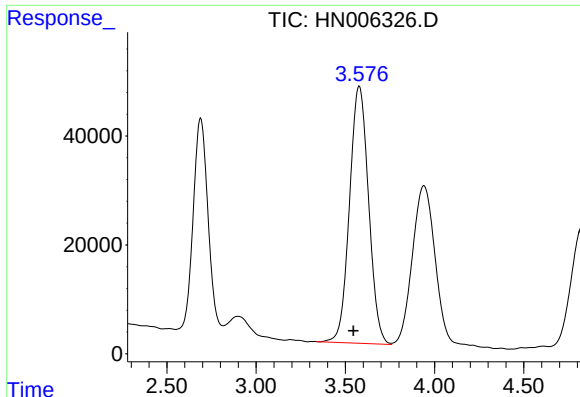
#3 RDX

R.T.: 1.712 min  
Delta R.T.: 0.017 min  
Response: 1162990  
Conc: 221.82 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.689 min  
Delta R.T.: 0.023 min  
Response: 2135886  
Conc: 198.95 ug/L



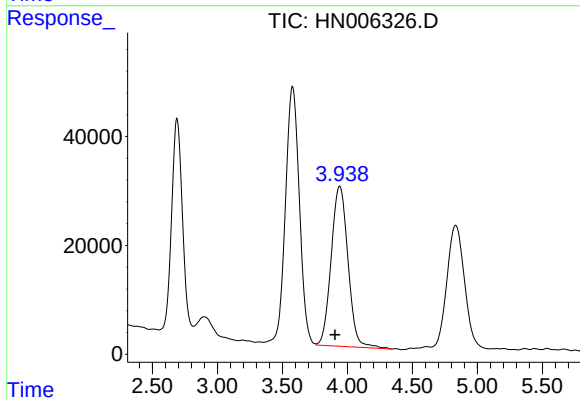
#5 1,3-Dinitrobenzene

R.T.: 3.578 min  
Delta R.T.: 0.032 min  
Response: 3508546  
Conc: 215.06 ng/ml

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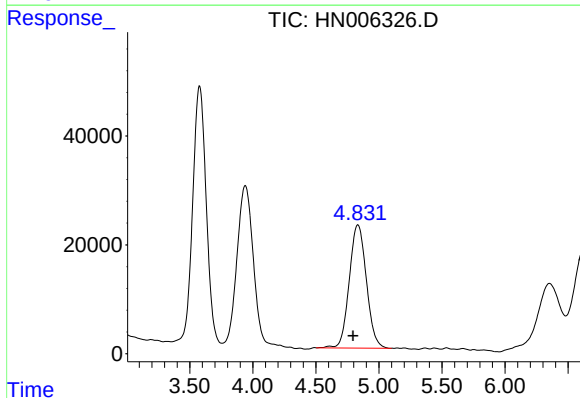
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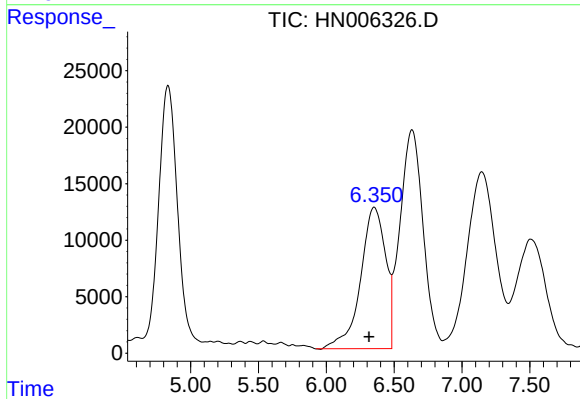
#6 3,5-Dinitroaniline

R.T.: 3.940 min  
Delta R.T.: 0.036 min  
Response: 2648130  
Conc: 227.76 ug/L



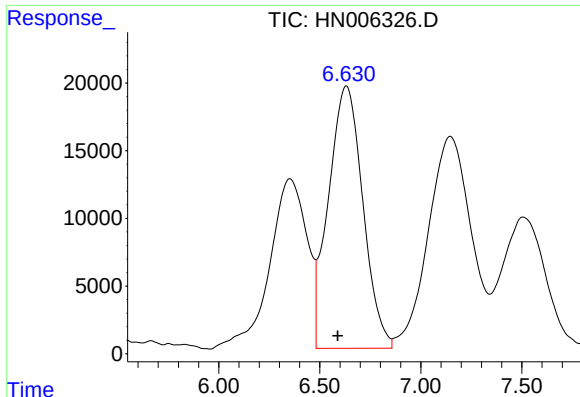
#7 Nitrobenzene

R.T.: 4.833 min  
Delta R.T.: 0.038 min  
Response: 2134425  
Conc: 211.94 ug/L



#8 Tetryl

R.T.: 6.352 min  
Delta R.T.: 0.038 min  
Response: 1610434  
Conc: 248.59 ug/L



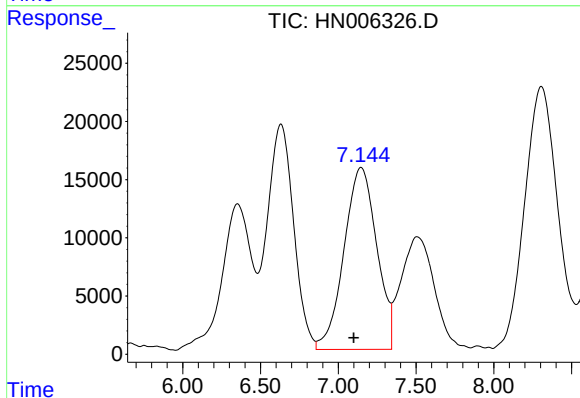
#9 2,4,6-Trinitrotoluene

R.T.: 6.632 min  
Delta R.T.: 0.042 min  
Response: 2291520  
Conc: 208.91 ug/L

Instrument :  
HPLC\_N  
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YS19-GW09-1014MSD

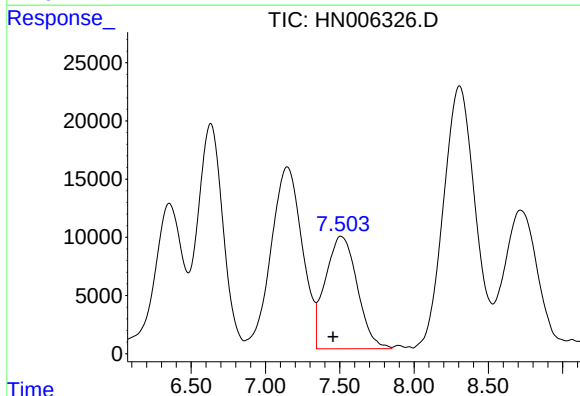
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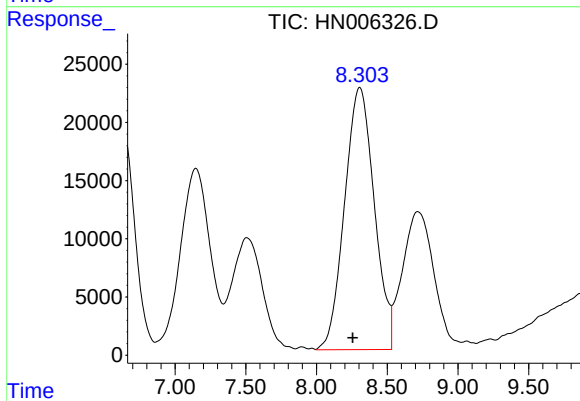
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.146 min  
Delta R.T.: 0.046 min  
Response: 2291025  
Conc: 199.01 ug/L



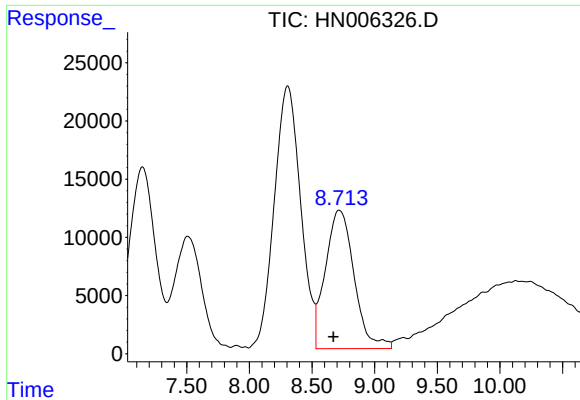
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.507 min  
Delta R.T.: 0.050 min  
Response: 1440863  
Conc: 235.34 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.303 min  
Delta R.T.: 0.047 min  
Response: 3288086  
Conc: 213.27 ug/L m



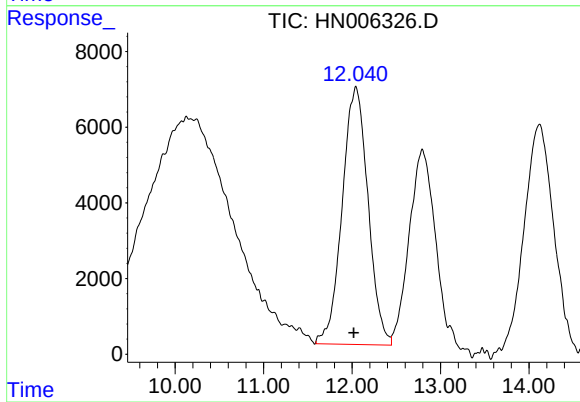
#13 2,6-Dinitrotoluene

R.T.: 8.717 min  
Delta R.T.: 0.046 min  
Response: 1894755  
Conc: 227.50 ug/L

Instrument :  
HPLC\_N  
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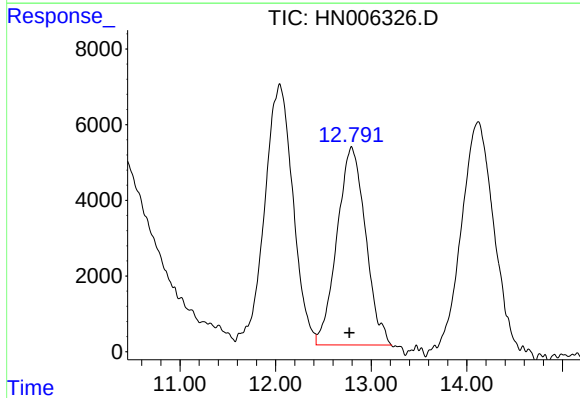
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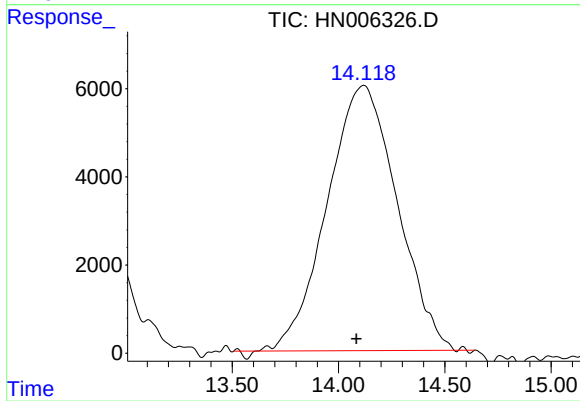
#14 2-Nitrotoluene

R.T.: 12.040 min  
Delta R.T.: 0.020 min  
Response: 1383553  
Conc: 210.66 ug/L m



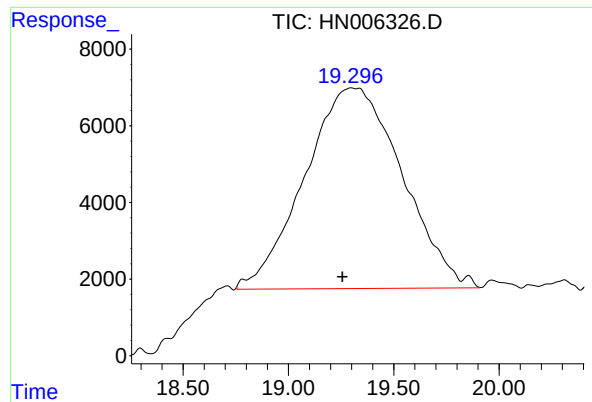
#15 4-Nitrotoluene

R.T.: 12.791 min  
Delta R.T.: 0.018 min  
Response: 1083612  
Conc: 202.28 ug/L m



#16 3-Nitrotoluene

R.T.: 14.117 min  
Delta R.T.: 0.033 min  
Response: 1379118  
Conc: 199.70 ug/L



#17 PETN

R.T.: 19.296 min  
Delta R.T.: 0.039 min  
Response: 1688491  
Conc: 226.30 ug/L m

Instrument :  
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