

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN102714\  
 Data File : HN006683.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 27-Oct-2014, 22:31  
 Operator : TP  
 Sample : F4351-14MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 YS19-SW10-1014MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 06 12:25:32 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
 Quant Title :  
 QLast Update : Fri Mar 06 12:25:30 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            | 1.320  | 1064796  | 312.514 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.882  | 1014235  | 224.987 ug/L  |
| 3) T RDX                       | 1.713  | 1469624  | 280.306 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.698  | 2797510  | 260.584 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.577  | 4073471  | 249.682 ng/mL |
| 6) T 3,5-Dinitroaniline        | 3.944  | 3408862  | 293.190 ug/L  |
| 7) T Nitrobenzene              | 4.837  | 2412496  | 239.556 ug/L  |
| 8) T Tetryl                    | 6.396  | 1342360  | 207.205 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.668  | 2949634  | 268.905 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 7.192  | 2727670  | 236.939 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 7.562  | 1697810  | 277.310 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.356  | 3947348  | 256.031 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 8.774  | 2098789  | 251.992 ug/L  |
| 14) T 2-Nitrotoluene           | 12.141 | 1427292  | 217.317 ug/L  |
| 15) T 4-Nitrotoluene           | 12.882 | 1008727  | 188.298 ug/L  |
| 16) T 3-Nitrotoluene           | 14.215 | 1609404  | 233.041 ug/L  |
| 17) T PETN                     | 19.400 | 2031430  | 272.268 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

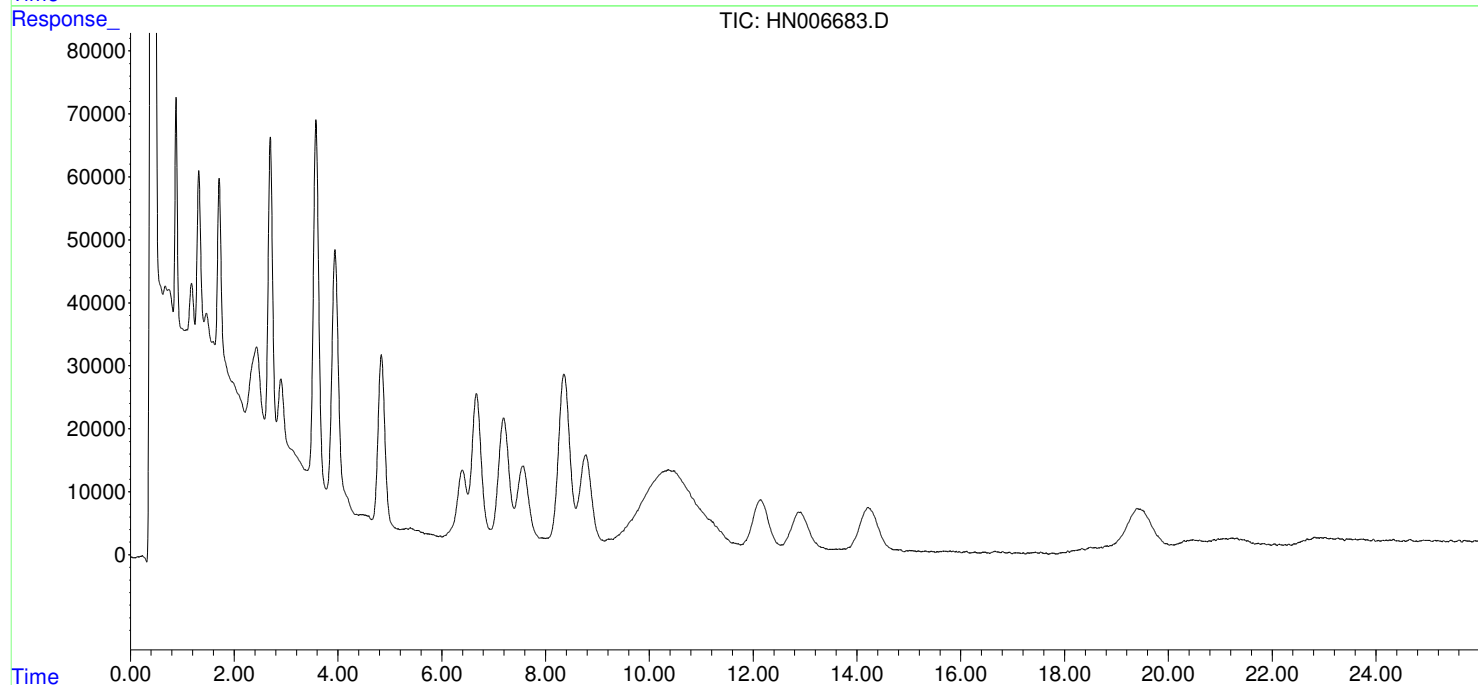
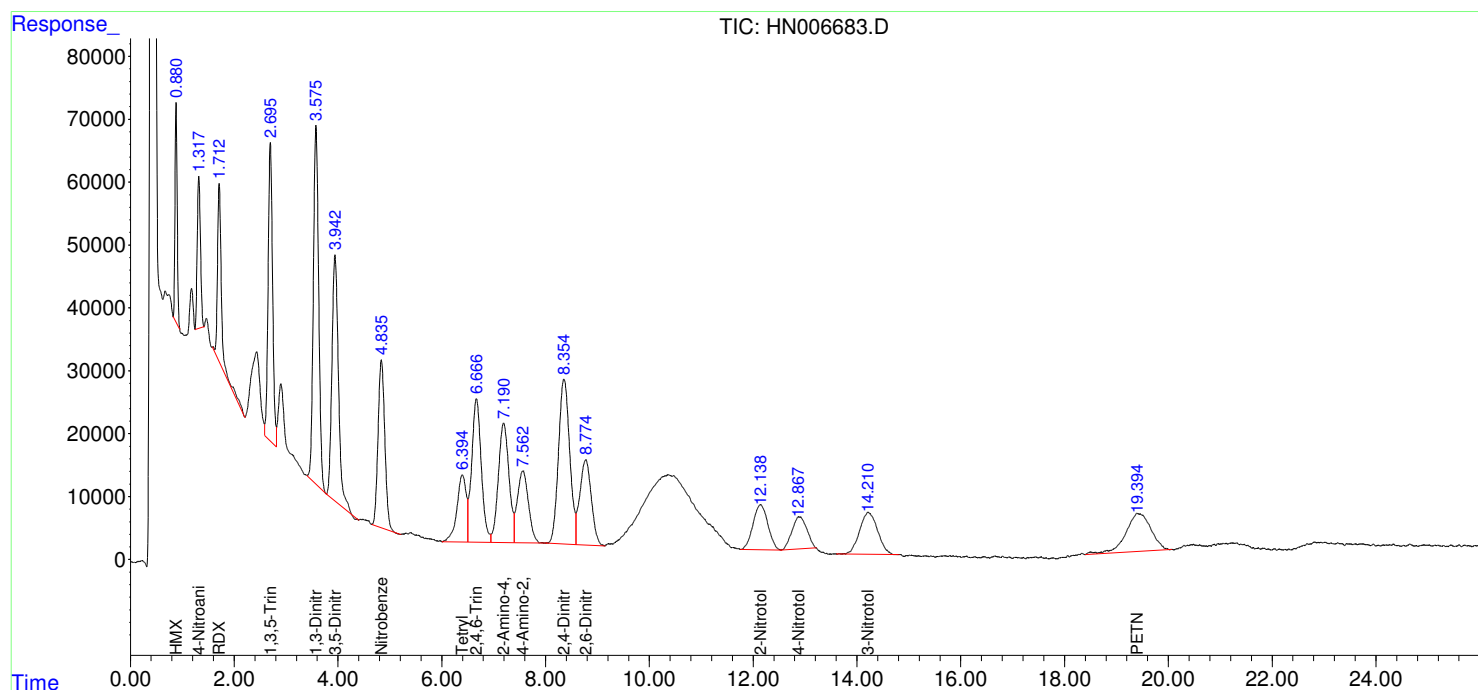
(m)=manual int.

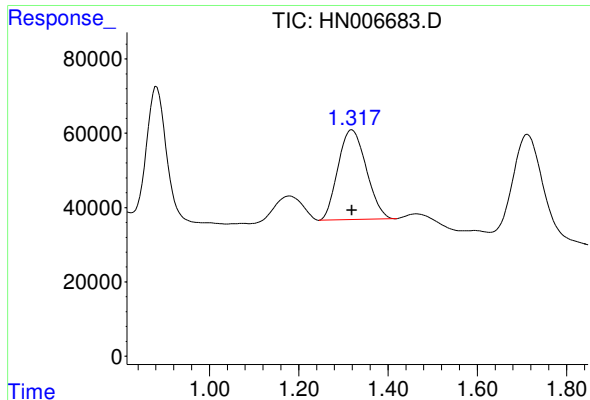
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Data File : HN006683.D  
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Acq On : 27-Oct-2014, 22:31  
Operator : TP  
Sample : F4351-14MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SW10-1014MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 06 12:25:32 2015  
Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
Quant Title :  
QLast Update : Fri Mar 06 12:25:30 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 :

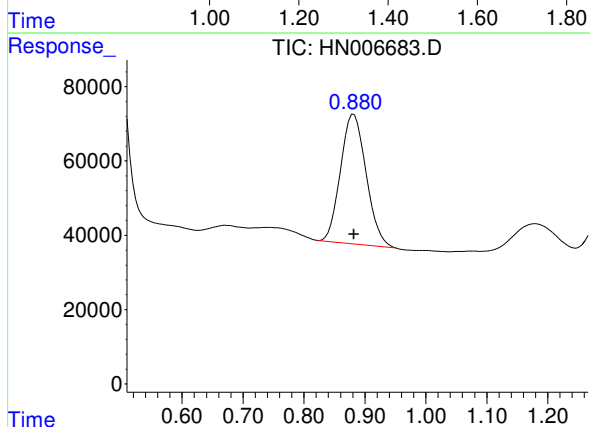




#1 4-Nitroaniline

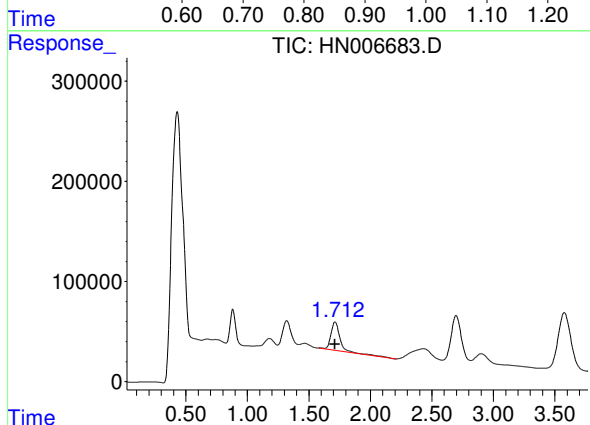
R.T.: 1.320 min  
Delta R.T.: 0.000 min  
Response: 1064796  
Conc: 312.51 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SW10-1014MS



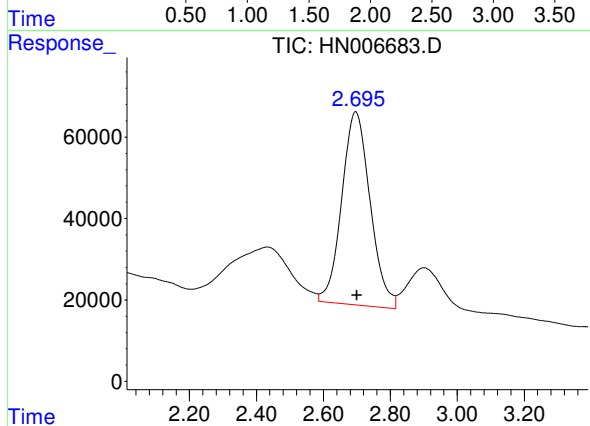
#2 HMX

R.T.: 0.882 min  
Delta R.T.: 0.000 min  
Response: 1014235  
Conc: 224.99 ug/L



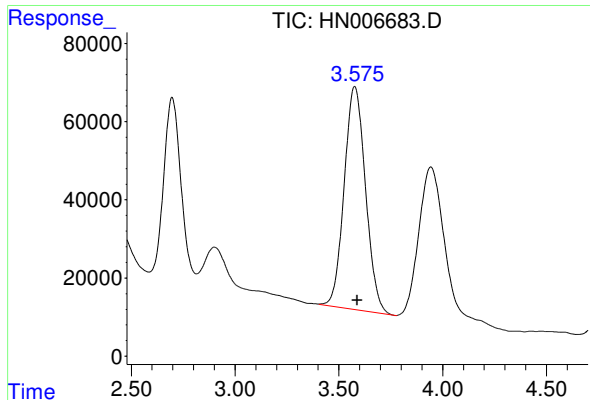
#3 RDX

R.T.: 1.713 min  
Delta R.T.: 0.000 min  
Response: 1469624  
Conc: 280.31 ug/L



#4 1,3,5-Trinitrobenzene

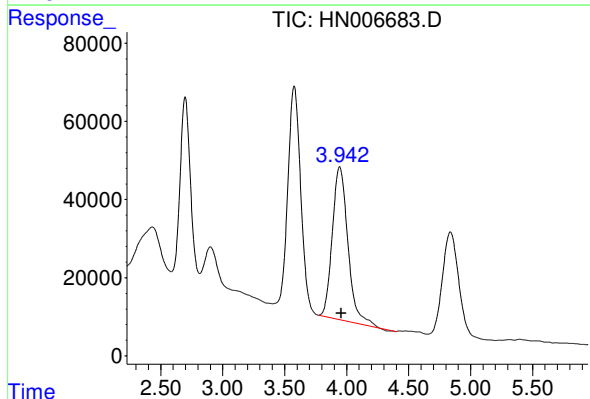
R.T.: 2.698 min  
Delta R.T.: -0.002 min  
Response: 2797510  
Conc: 260.58 ug/L



#5 1,3-Dinitrobenzene

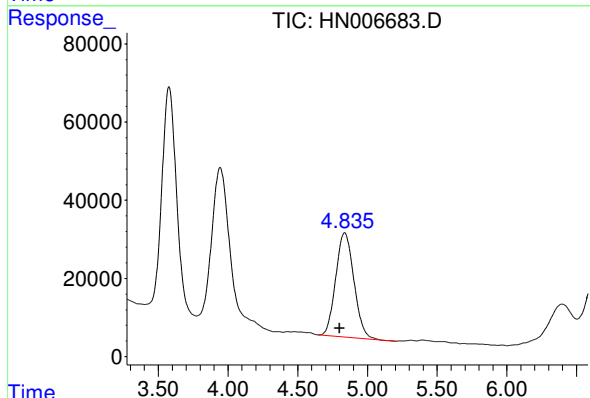
R.T.: 3.577 min  
Delta R.T.: -0.011 min  
Response: 4073471  
Conc: 249.68 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SW10-1014MS



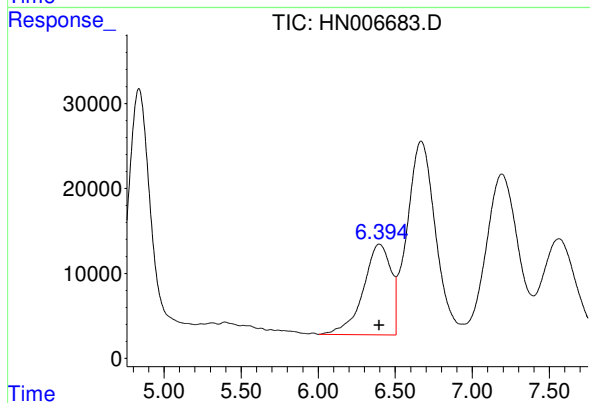
#6 3,5-Dinitroaniline

R.T.: 3.944 min  
Delta R.T.: -0.010 min  
Response: 3408862  
Conc: 293.19 ug/L



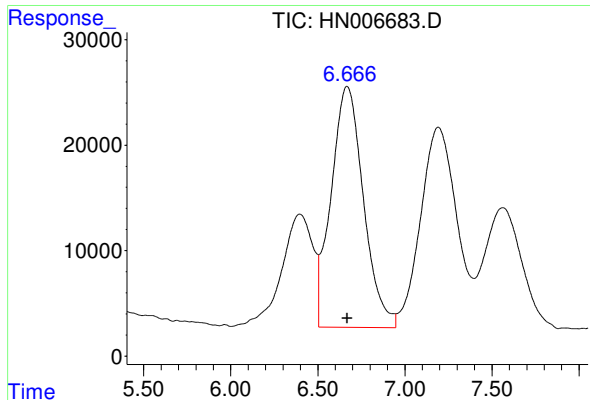
#7 Nitrobenzene

R.T.: 4.837 min  
Delta R.T.: 0.037 min  
Response: 2412496  
Conc: 239.56 ug/L



#8 Tetryl

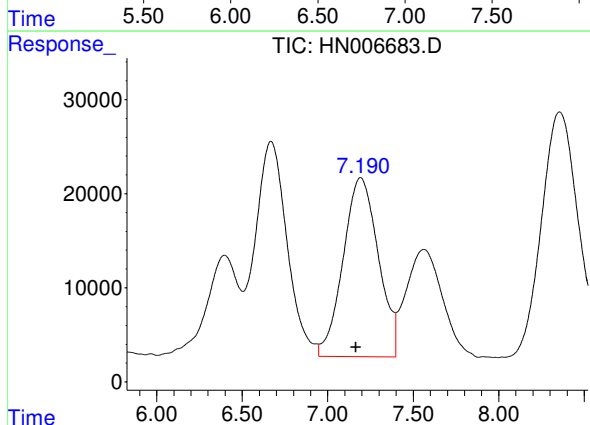
R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 1342360  
Conc: 207.21 ug/L



#9 2,4,6-Trinitrotoluene

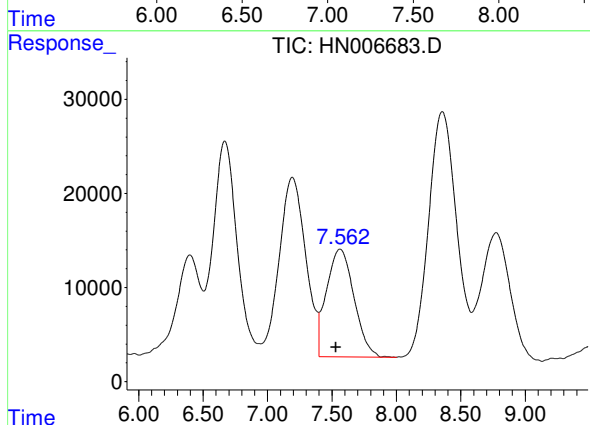
R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 2949634  
Conc: 268.91 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SW10-1014MS



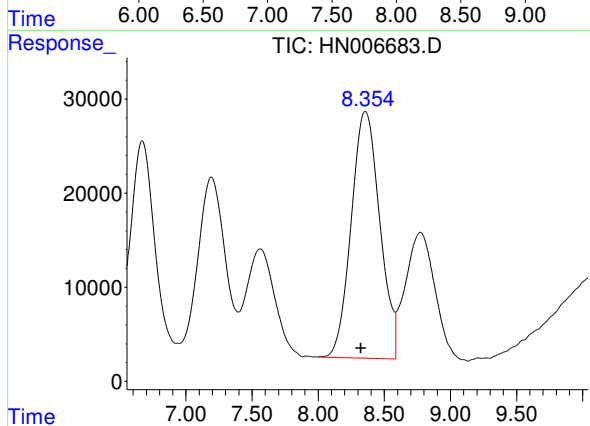
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.192 min  
Delta R.T.: 0.028 min  
Response: 2727670  
Conc: 236.94 ug/L



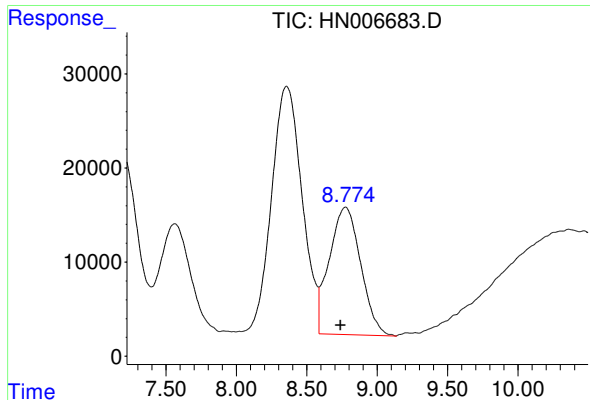
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.562 min  
Delta R.T.: 0.031 min  
Response: 1697810  
Conc: 277.31 ug/L



#12 2,4-Dinitrotoluene

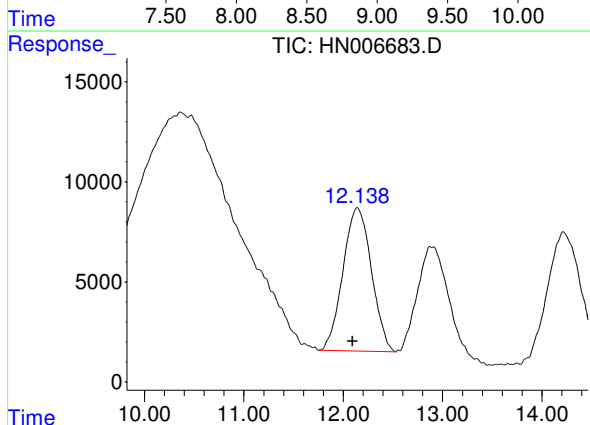
R.T.: 8.356 min  
Delta R.T.: 0.034 min  
Response: 3947348  
Conc: 256.03 ug/L



#13 2,6-Dinitrotoluene

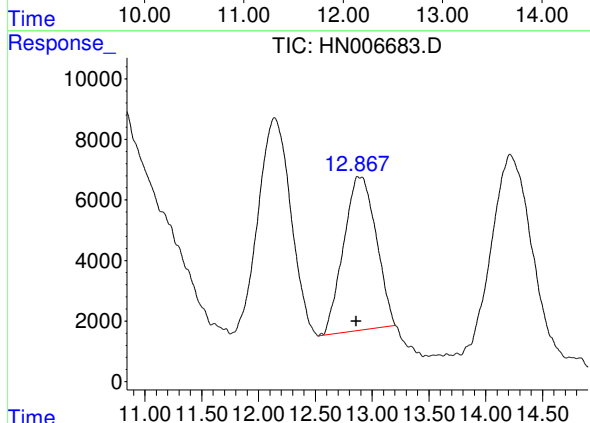
R.T.: 8.774 min  
Delta R.T.: 0.037 min  
Response: 2098789  
Conc: 251.99 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SW10-1014MS



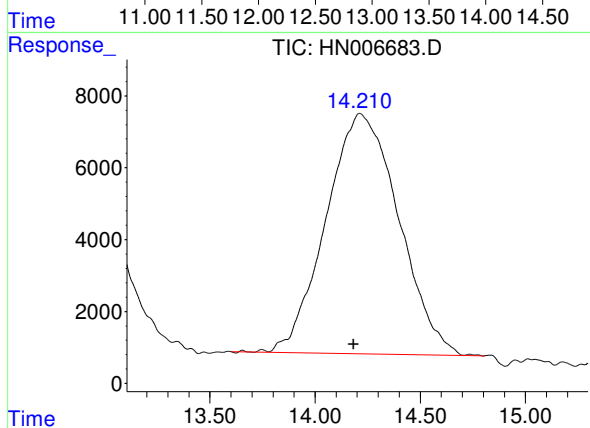
#14 2-Nitrotoluene

R.T.: 12.141 min  
Delta R.T.: 0.048 min  
Response: 1427292  
Conc: 217.32 ug/L



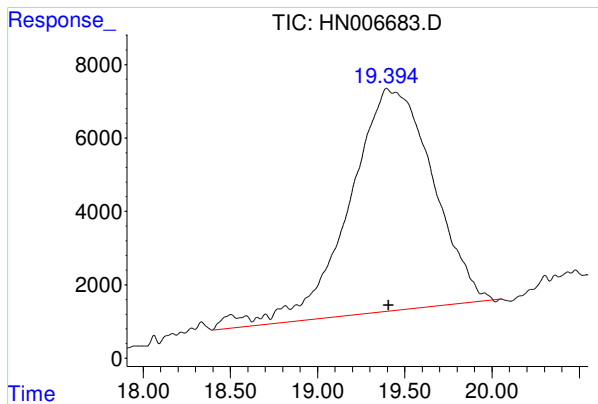
#15 4-Nitrotoluene

R.T.: 12.882 min  
Delta R.T.: 0.024 min  
Response: 1008727  
Conc: 188.30 ug/L



#16 3-Nitrotoluene

R.T.: 14.215 min  
Delta R.T.: 0.032 min  
Response: 1609404  
Conc: 233.04 ug/L



#17 PETN

R.T.: 19.400 min  
Delta R.T.: -0.005 min  
Response: 2031430  
Conc: 272.27 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SW10-1014MS