

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN102714\  
 Data File : HN006684.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 27-Oct-2014, 22:59  
 Operator : TP  
 Sample : F4351-15MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 06 12:26:21 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
 Quant Title :  
 QLast Update : Fri Mar 06 12:16:49 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            | 1.313  | 1117479  | 327.976 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.879  | 984192   | 218.322 ug/L  |
| 3) T RDX                       | 1.704  | 1315972  | 251.000 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.689  | 2649571  | 246.804 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.564  | 4009626  | 245.769 ng/ml |
| 6) T 3,5-Dinitroaniline        | 3.923  | 3354359  | 288.502 ug/L  |
| 7) T Nitrobenzene              | 4.818  | 2487943  | 247.047 ug/L  |
| 8) T Tetryl                    | 6.354  | 1333783  | 205.881 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.628  | 2860228  | 260.755 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 7.137  | 2643626  | 229.638 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 7.501  | 1583732  | 258.677 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.300  | 3772382  | 244.683 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 8.719  | 1946070  | 233.656 ug/L  |
| 14) T 2-Nitrotoluene           | 12.073 | 1407381  | 214.286 ug/L  |
| 15) T 4-Nitrotoluene           | 12.837 | 1040501  | 194.229 ug/L  |
| 16) T 3-Nitrotoluene           | 14.163 | 1650465  | 238.987 ug/L  |
| 17) T PETN                     | 19.392 | 1856508  | 248.824 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

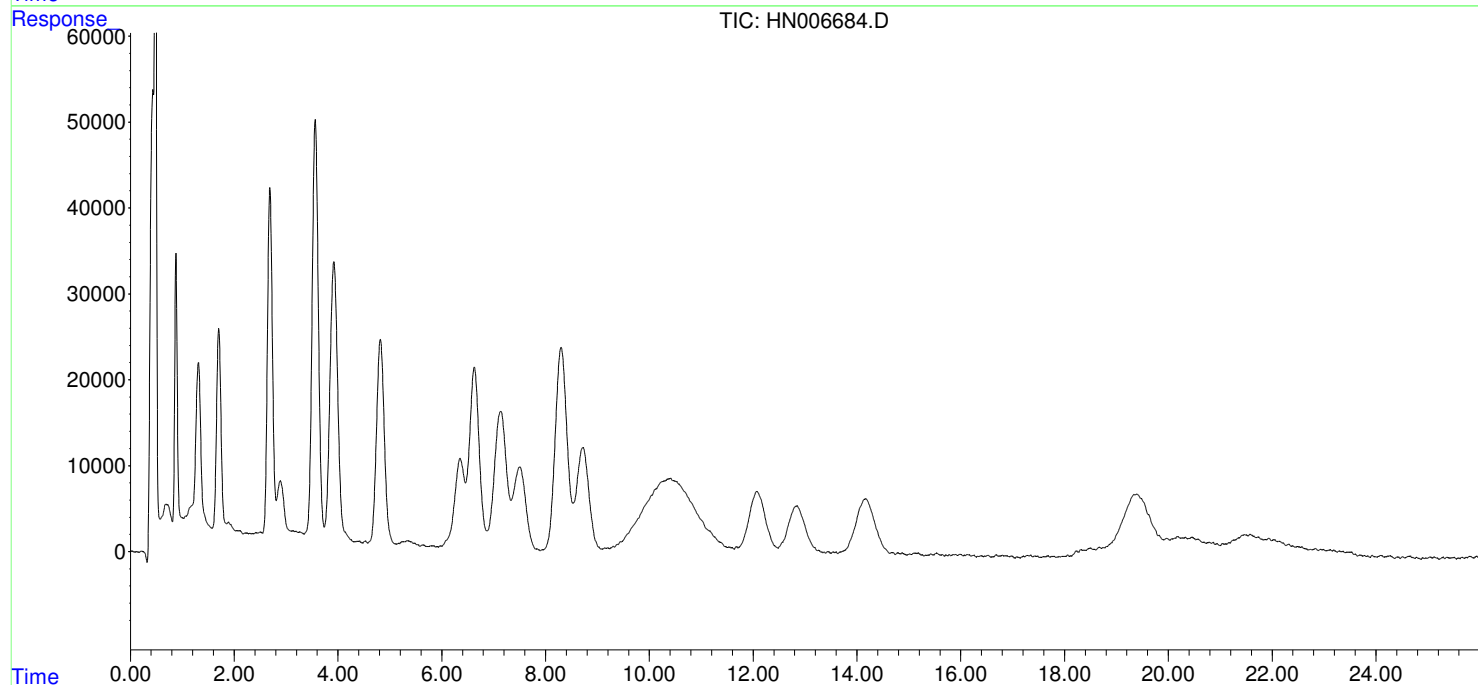
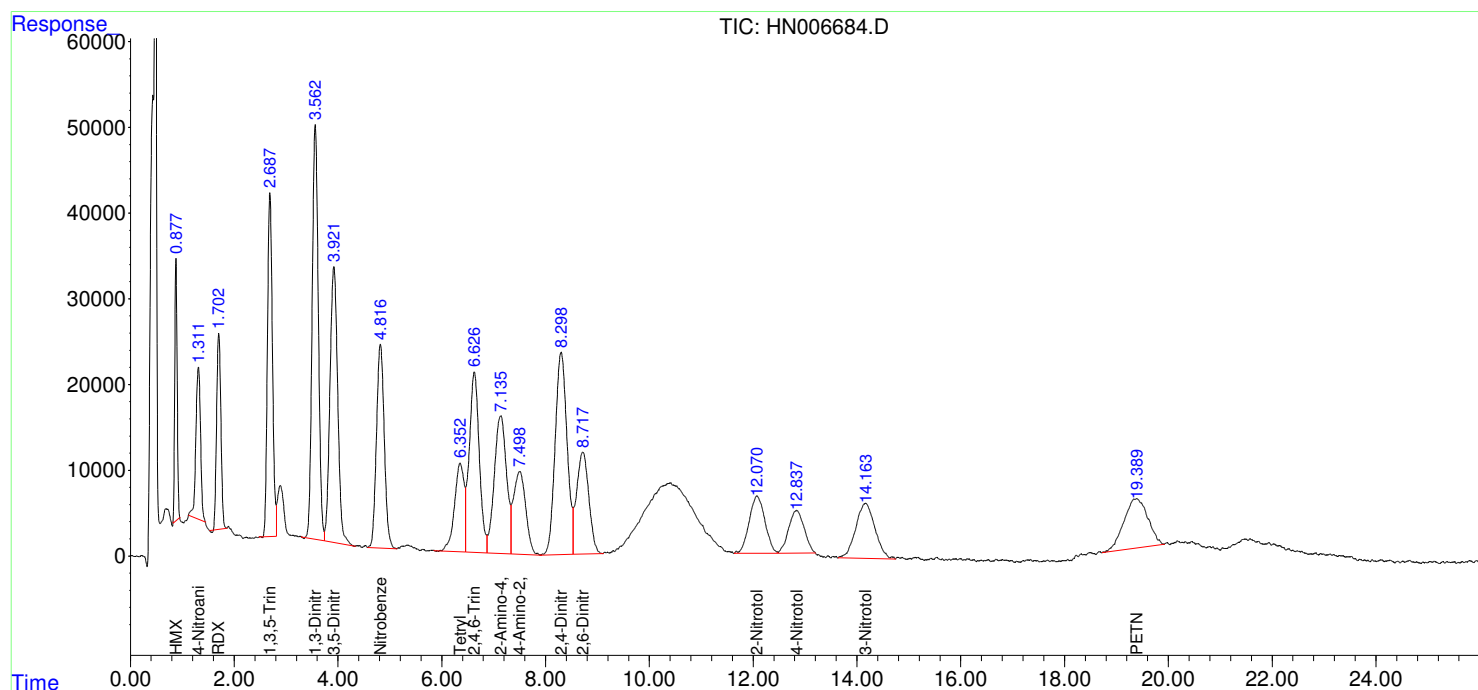
(m)=manual int.

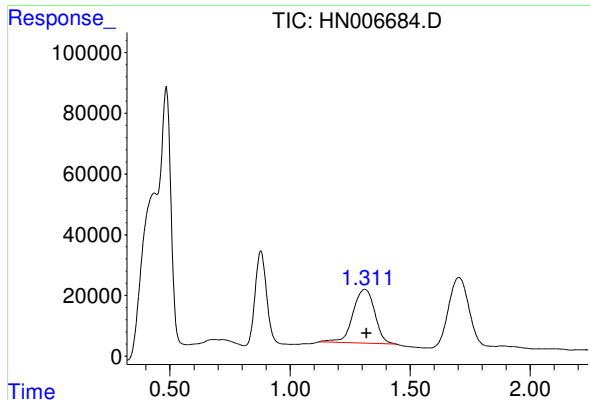
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Operator : TP  
Sample : F4351-15MSD  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 06 12:26:21 2015  
Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
Quant Title :  
QLast Update : Fri Mar 06 12:16:49 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 :

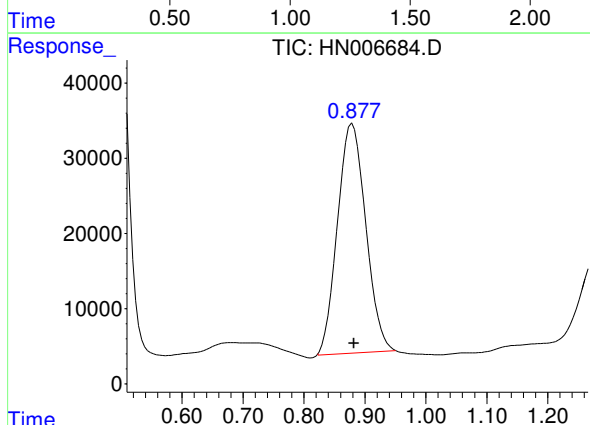




#1 4-Nitroaniline

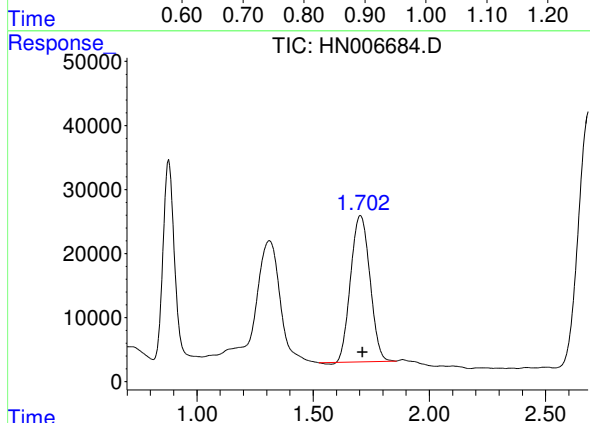
R.T.: 1.313 min  
Delta R.T.: -0.006 min  
Response: 1117479  
Conc: 327.98 ug/L

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



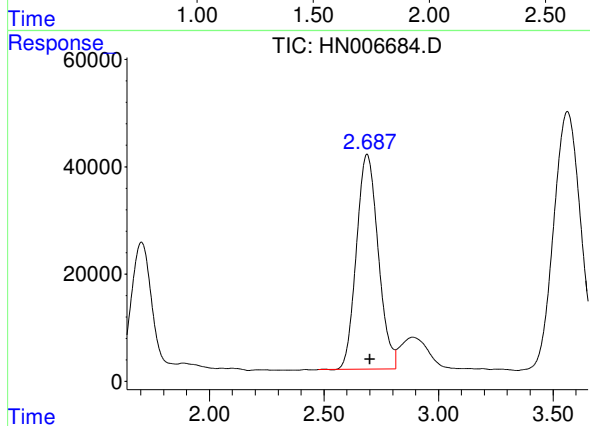
#2 HMX

R.T.: 0.879 min  
Delta R.T.: -0.002 min  
Response: 984192  
Conc: 218.32 ug/L



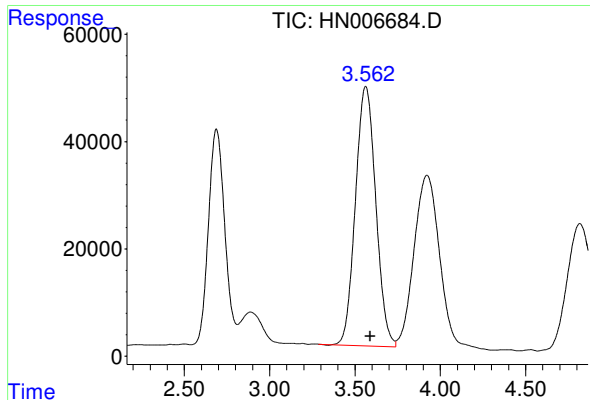
#3 RDX

R.T.: 1.704 min  
Delta R.T.: -0.008 min  
Response: 1315972  
Conc: 251.00 ug/L



#4 1,3,5-Trinitrobenzene

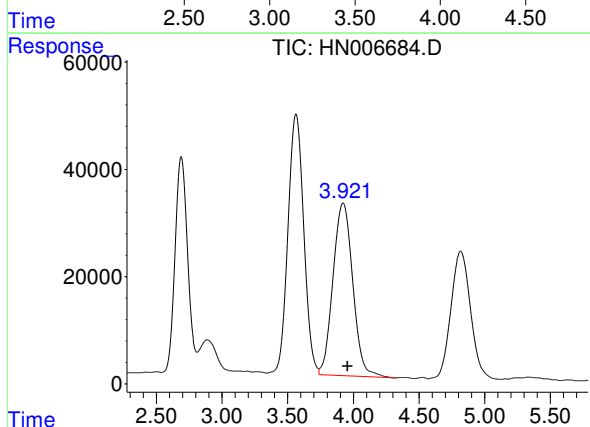
R.T.: 2.689 min  
Delta R.T.: -0.010 min  
Response: 2649571  
Conc: 246.80 ug/L



#5 1,3-Dinitrobenzene

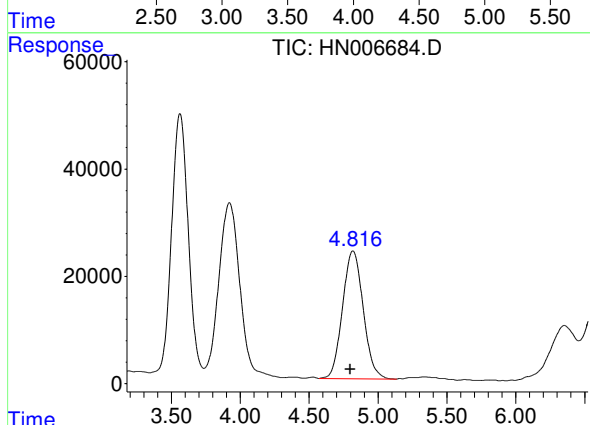
R.T.: 3.564 min  
Delta R.T.: -0.025 min  
Response: 4009626  
Conc: 245.77 ng/ml

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



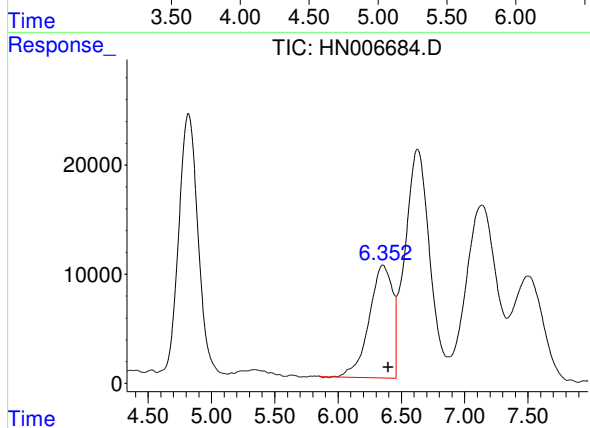
#6 3,5-Dinitroaniline

R.T.: 3.923 min  
Delta R.T.: -0.032 min  
Response: 3354359  
Conc: 288.50 ug/L



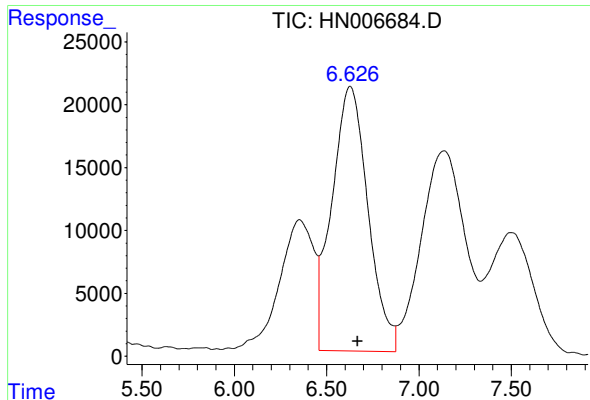
#7 Nitrobenzene

R.T.: 4.818 min  
Delta R.T.: 0.018 min  
Response: 2487943  
Conc: 247.05 ug/L



#8 Tetryl

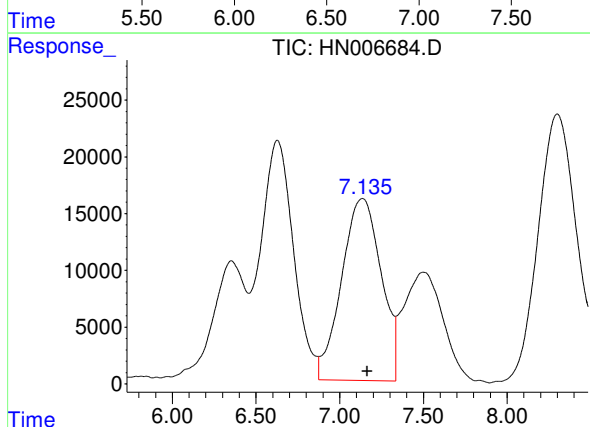
R.T.: 6.354 min  
Delta R.T.: -0.042 min  
Response: 1333783  
Conc: 205.88 ug/L



#9 2,4,6-Trinitrotoluene

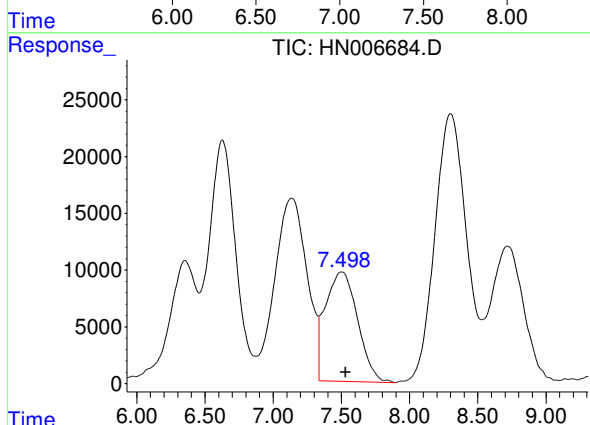
R.T.: 6.628 min  
Delta R.T.: -0.040 min  
Response: 2860228  
Conc: 260.75 ug/L

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



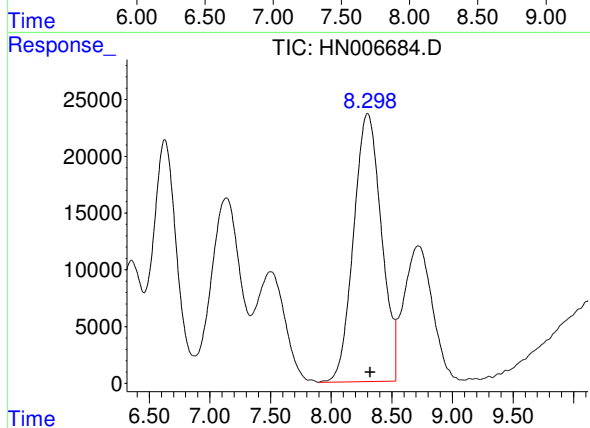
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.137 min  
Delta R.T.: -0.027 min  
Response: 2643626  
Conc: 229.64 ug/L



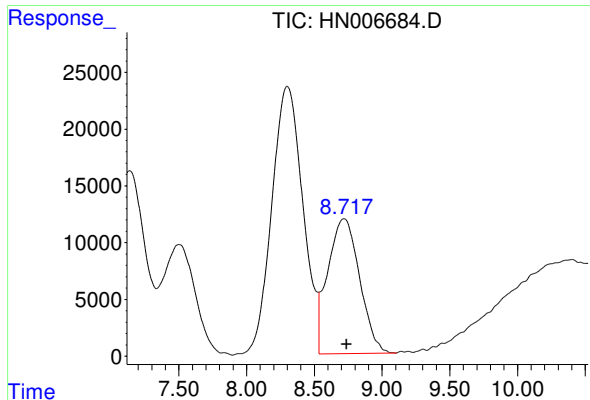
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.501 min  
Delta R.T.: -0.030 min  
Response: 1583732  
Conc: 258.68 ug/L



#12 2,4-Dinitrotoluene

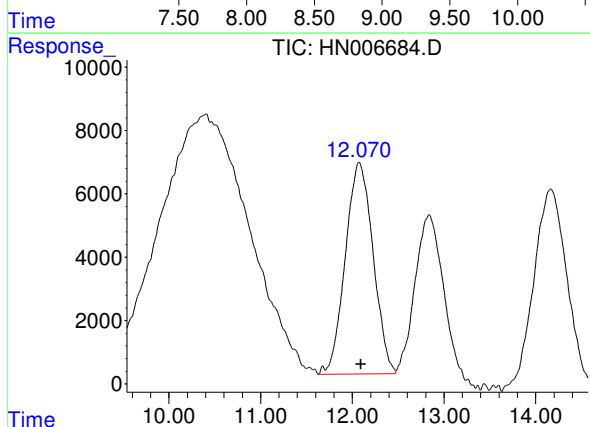
R.T.: 8.300 min  
Delta R.T.: -0.022 min  
Response: 3772382  
Conc: 244.68 ug/L



#13 2,6-Dinitrotoluene

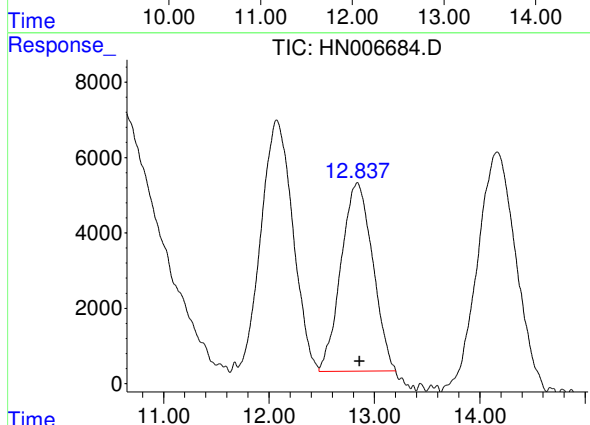
R.T.: 8.719 min  
Delta R.T.: -0.018 min  
Response: 1946070  
Conc: 233.66 ug/L

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



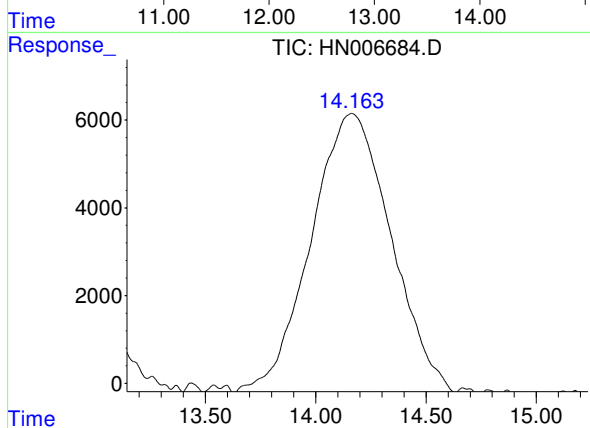
#14 2-Nitrotoluene

R.T.: 12.073 min  
Delta R.T.: -0.020 min  
Response: 1407381  
Conc: 214.29 ug/L



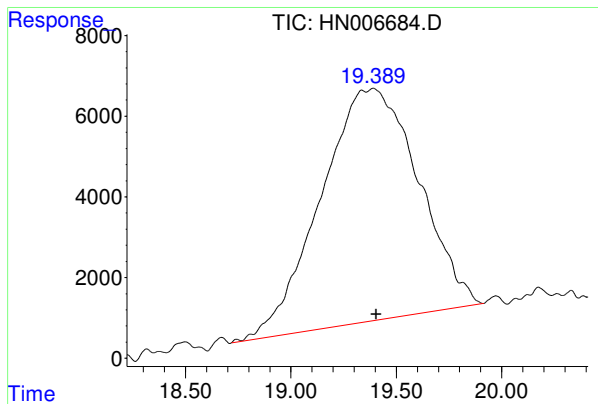
#15 4-Nitrotoluene

R.T.: 12.837 min  
Delta R.T.: -0.021 min  
Response: 1040501  
Conc: 194.23 ug/L



#16 3-Nitrotoluene

R.T.: 14.163 min  
Delta R.T.: -0.020 min  
Response: 1650465  
Conc: 238.99 ug/L



#17 PETN

R.T.: 19.392 min  
Delta R.T.: -0.013 min  
Response: 1856508  
Conc: 248.82 ug/L

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