

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN103114\  
 Data File : HN006930.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 01-Nov-2014, 13:24  
 Operator : TP  
 Sample : F4379-01MSD  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 YS19-SS32-1014MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 06 18:04:59 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN103114.M  
 Quant Title :  
 QLast Update : Fri Mar 06 17:56:39 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            | 1.302  | 622988   | 178.492 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.875  | 559500   | 132.818 ug/L  |
| 3) T RDX                       | 1.694  | 647592   | 128.053 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.665  | 1199209  | 117.711 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.530  | 2039713  | 127.857 ng/ml |
| 6) T 3,5-Dinitroaniline        | 3.900  | 1447853  | 128.920 ug/L  |
| 7) T Nitrobenzene              | 4.771  | 1304156  | 134.069 ug/L  |
| 8) T Tetryl                    | 6.297  | 660477   | 144.166 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.559  | 1475789  | 145.068 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 7.095  | 1349557  | 122.522 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 7.462  | 829038   | 145.919 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.217  | 1878063  | 125.903 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 8.629  | 1030570  | 127.928 ug/L  |
| 14) T 2-Nitrotoluene           | 11.952 | 797435   | 124.675 ug/L  |
| 15) T 4-Nitrotoluene           | 12.686 | 662864   | 124.721 ug/L  |
| 16) T 3-Nitrotoluene           | 14.040 | 872267   | 125.457 ug/L  |
| 17) T PETN                     | 19.111 | 1238045  | 146.797 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

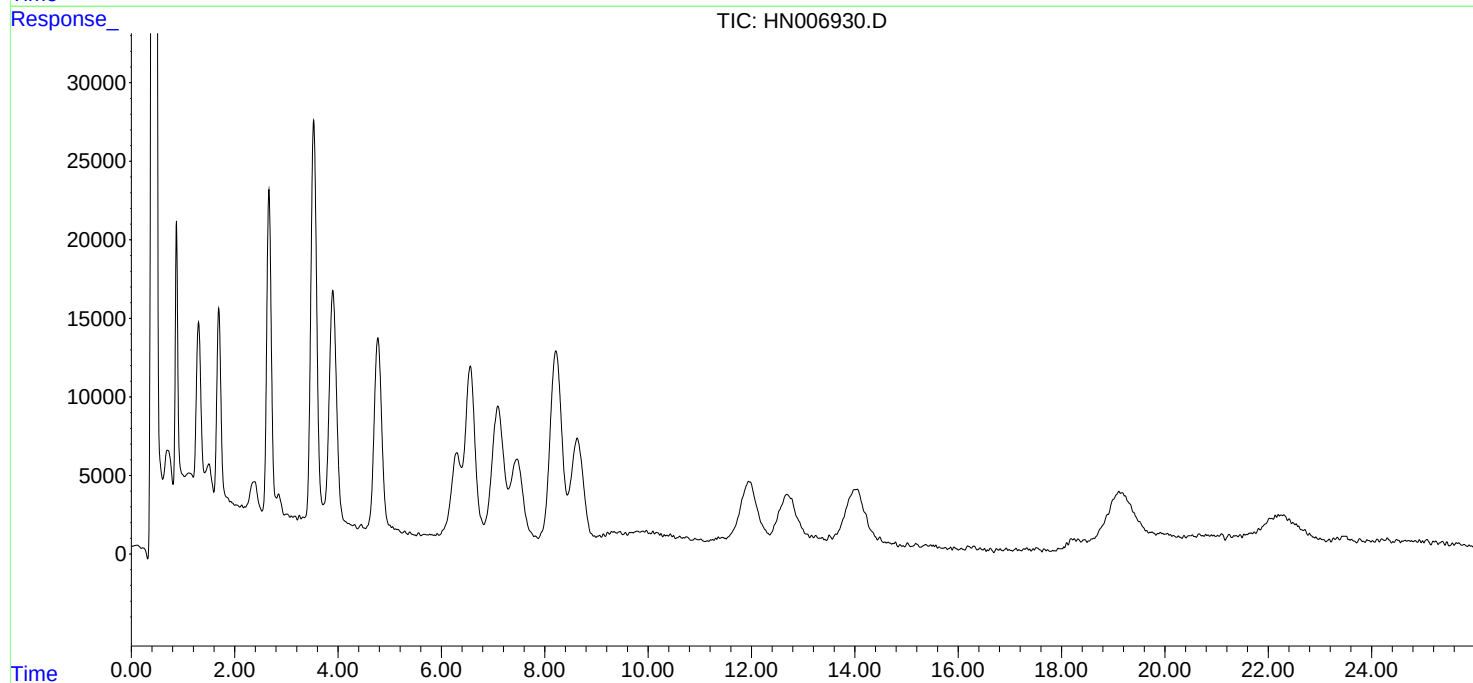
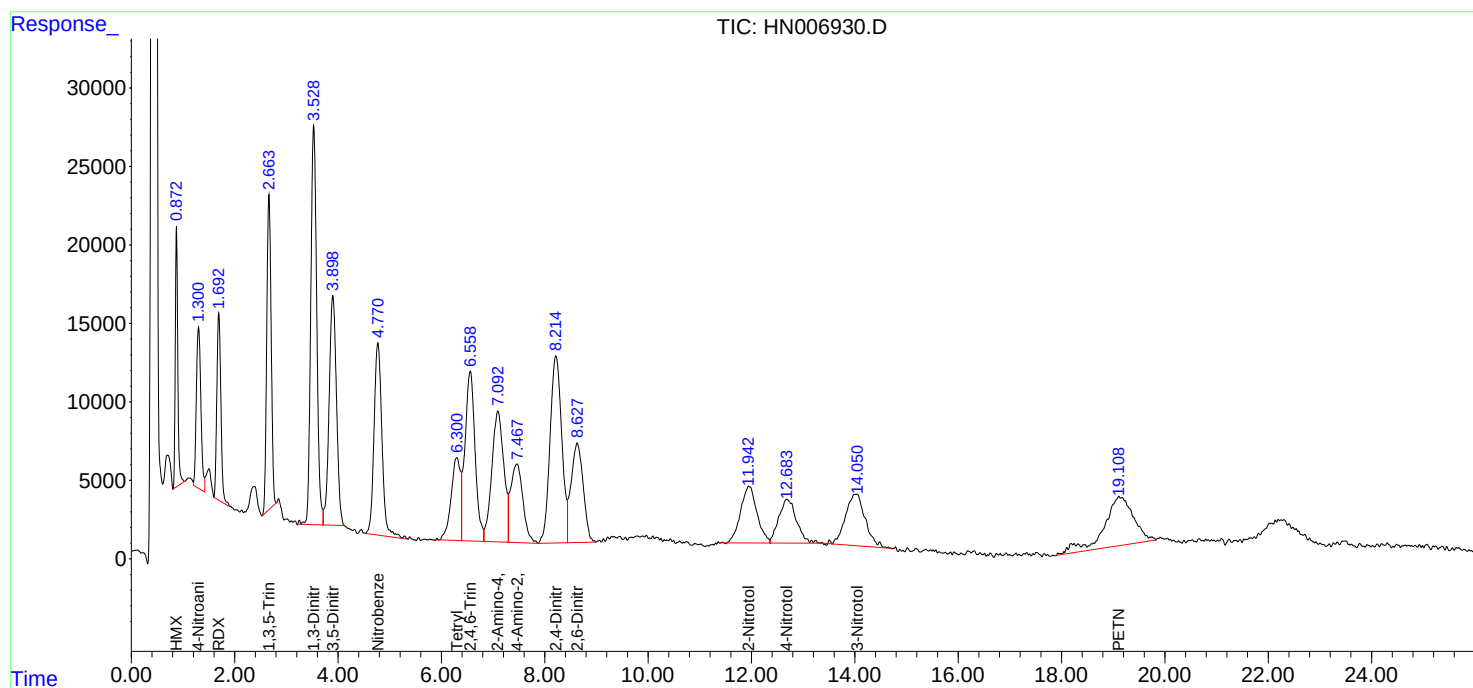
(m)=manual int.

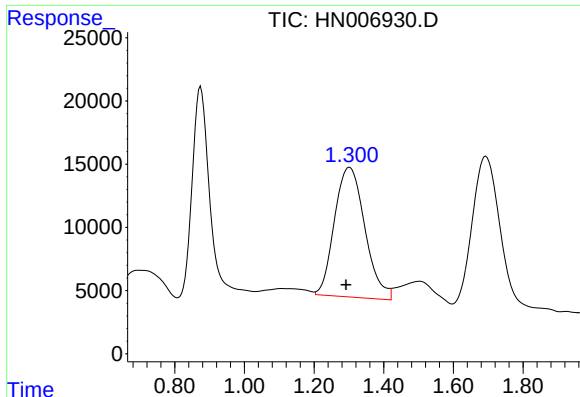
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Misc :  
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Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SS32-1014MSD

Integration File signal 1: autoint1.e  
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Quant Time: Mar 06 18:04:59 2015  
Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN103114.M  
Quant Title :  
QLast Update : Fri Mar 06 17:56:39 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 :

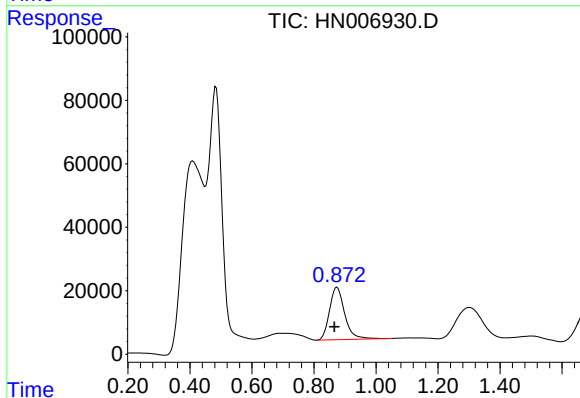




#1 4-Nitroaniline

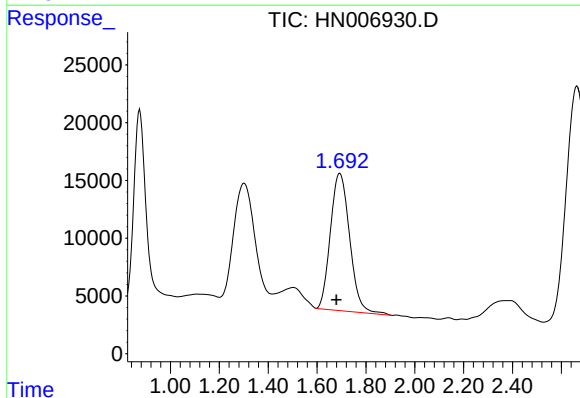
R.T.: 1.302 min  
Delta R.T.: 0.010 min  
Response: 622988  
Conc: 178.49 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SS32-1014MSD



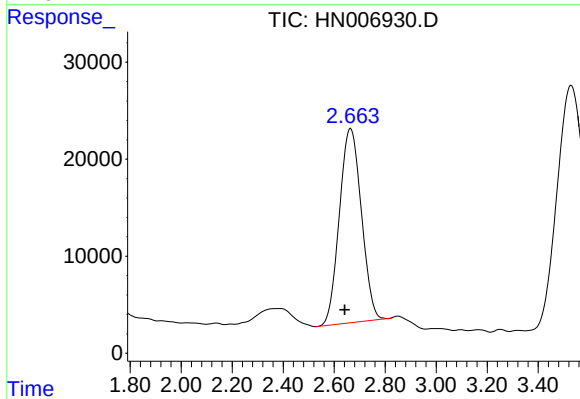
#2 HMX

R.T.: 0.875 min  
Delta R.T.: 0.008 min  
Response: 559500  
Conc: 132.82 ug/L



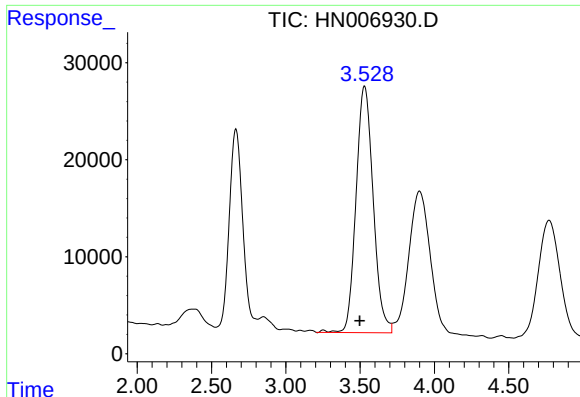
#3 RDX

R.T.: 1.694 min  
Delta R.T.: 0.014 min  
Response: 647592  
Conc: 128.05 ug/L



#4 1,3,5-Trinitrobenzene

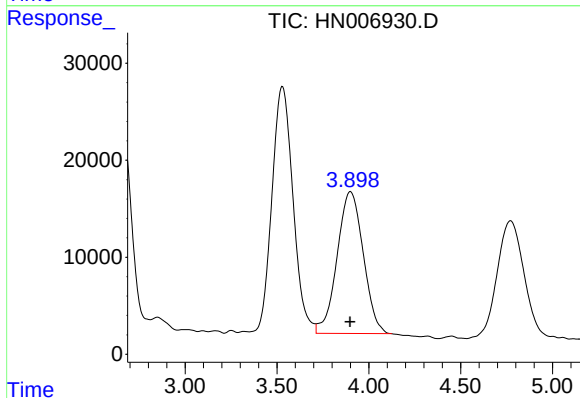
R.T.: 2.665 min  
Delta R.T.: 0.023 min  
Response: 1199209  
Conc: 117.71 ug/L



#5 1,3-Dinitrobenzene

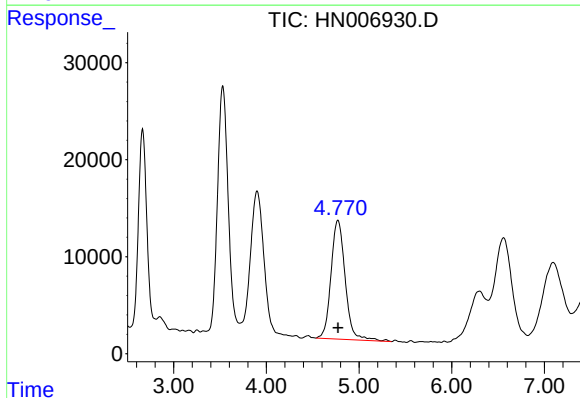
R.T.: 3.530 min  
Delta R.T.: 0.033 min  
Response: 2039713  
Conc: 127.86 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SS32-1014MSD



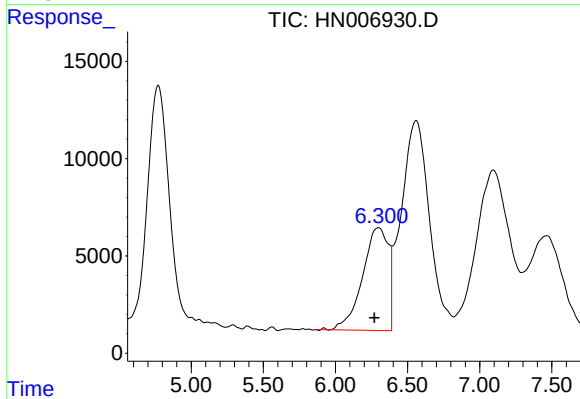
#6 3,5-Dinitroaniline

R.T.: 3.900 min  
Delta R.T.: 0.002 min  
Response: 1447853  
Conc: 128.92 ug/L



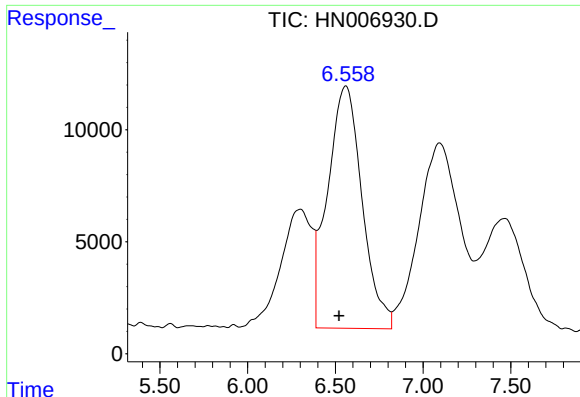
#7 Nitrobenzene

R.T.: 4.771 min  
Delta R.T.: -0.005 min  
Response: 1304156  
Conc: 134.07 ug/L



#8 Tetryl

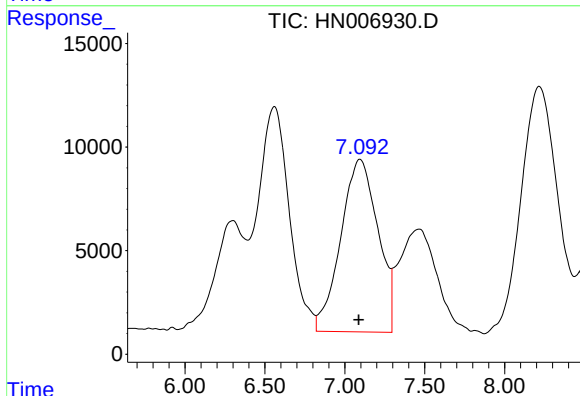
R.T.: 6.297 min  
Delta R.T.: 0.027 min  
Response: 660477  
Conc: 144.17 ug/L



#9 2,4,6-Trinitrotoluene

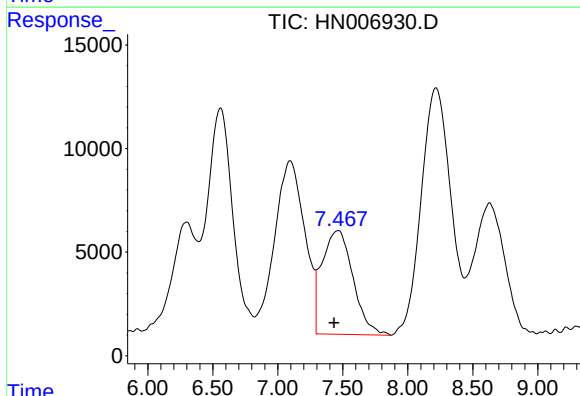
R.T.: 6.559 min  
Delta R.T.: 0.037 min  
Response: 1475789  
Conc: 145.07 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SS32-1014MSD



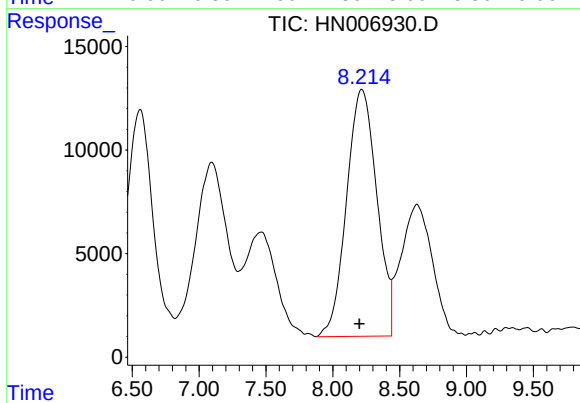
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.095 min  
Delta R.T.: 0.008 min  
Response: 1349557  
Conc: 122.52 ug/L



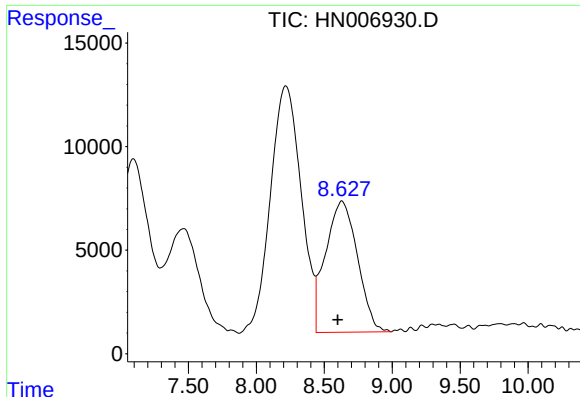
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.462 min  
Delta R.T.: 0.028 min  
Response: 829038  
Conc: 145.92 ug/L



#12 2,4-Dinitrotoluene

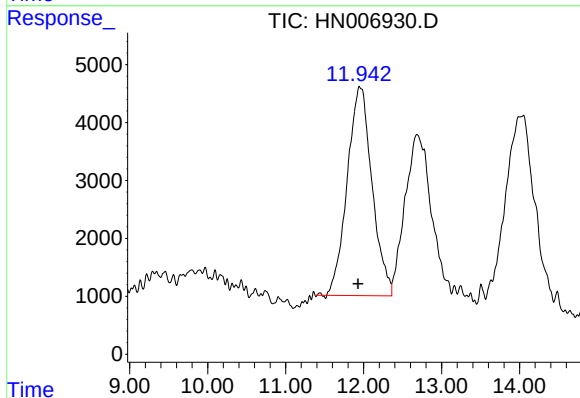
R.T.: 8.217 min  
Delta R.T.: 0.019 min  
Response: 1878063  
Conc: 125.90 ug/L



#13 2,6-Dinitrotoluene

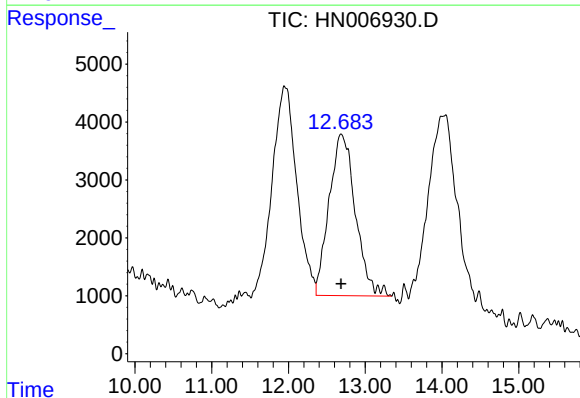
R.T.: 8.629 min  
Delta R.T.: 0.029 min  
Response: 1030570  
Conc: 127.93 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SS32-1014MSD



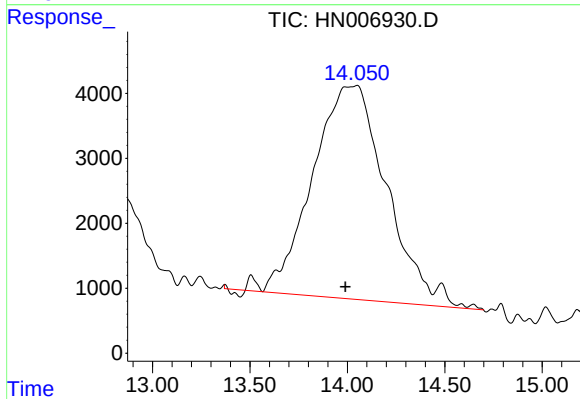
#14 2-Nitrotoluene

R.T.: 11.952 min  
Delta R.T.: 0.022 min  
Response: 797435  
Conc: 124.68 ug/L



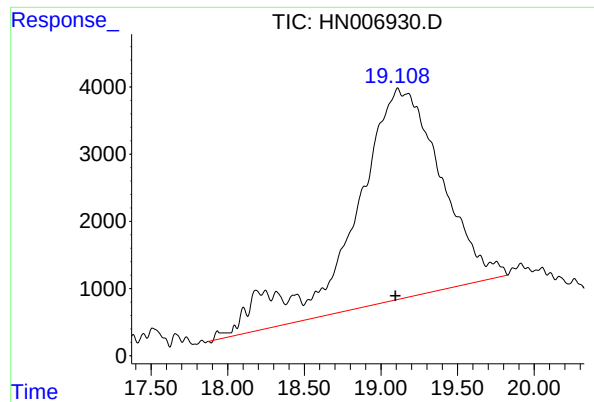
#15 4-Nitrotoluene

R.T.: 12.686 min  
Delta R.T.: 0.003 min  
Response: 662864  
Conc: 124.72 ug/L



#16 3-Nitrotoluene

R.T.: 14.040 min  
Delta R.T.: 0.049 min  
Response: 872267  
Conc: 125.46 ug/L



#17 PETN

R.T.: 19.111 min  
Delta R.T.: 0.017 min  
Response: 1238045  
Conc: 146.80 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SS32-1014MSD