

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN110314\  
 Data File : HN006984.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 03-Nov-2014, 19:15  
 Operator : TP  
 Sample : F4372-03MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 YS19-SD01-1014MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 04:02:07 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN103114.M  
 Quant Title :  
 QLast Update : Sat Mar 07 03:03:02 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            | 1.316  | 515269   | 147.629 ug/L |
| Target Compounds               |        |          |              |
| 2) T HMX                       | 0.884  | 513117   | 121.808 ug/L |
| 3) T RDX                       | 1.716  | 574141   | 113.529 ug/L |
| 4) T 1,3,5-Trinitrobenzene     | 2.702  | 790328   | 77.576 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.587  | 1448177  | 90.778 ng/mL |
| 6) T 3,5-Dinitroaniline        | 3.978  | 1187897  | 105.773 ug/L |
| 7) T Nitrobenzene              | 4.845  | 1094758  | 112.543 ug/L |
| 9) T 2,4,6-Trinitrotoluene     | 6.655  | 1951985  | 191.877 ug/L |
| 10) T 2-Amino-4,6-dinitroto... | 7.219  | 1340747  | 121.722 ug/L |
| 11) T 4-Amino-2,6-dinitroto... | 7.591  | 916490   | 161.311 ug/L |
| 12) T 2,4-Dinitrotoluene       | 8.346  | 1551525  | 104.013 ug/L |
| 13) T 2,6-Dinitrotoluene       | 8.761  | 889085   | 110.365 ug/L |
| 14) T 2-Nitrotoluene           | 12.106 | 706232   | 110.416 ug/L |
| 15) T 4-Nitrotoluene           | 12.841 | 682624   | 128.439 ug/L |
| 16) T 3-Nitrotoluene           | 14.174 | 740695   | 106.533 ug/L |
| 17) T PETN                     | 19.323 | 178222   | 21.132 ug/L  |
| -----                          |        |          |              |

(f)=RT Delta > 1/2 Window

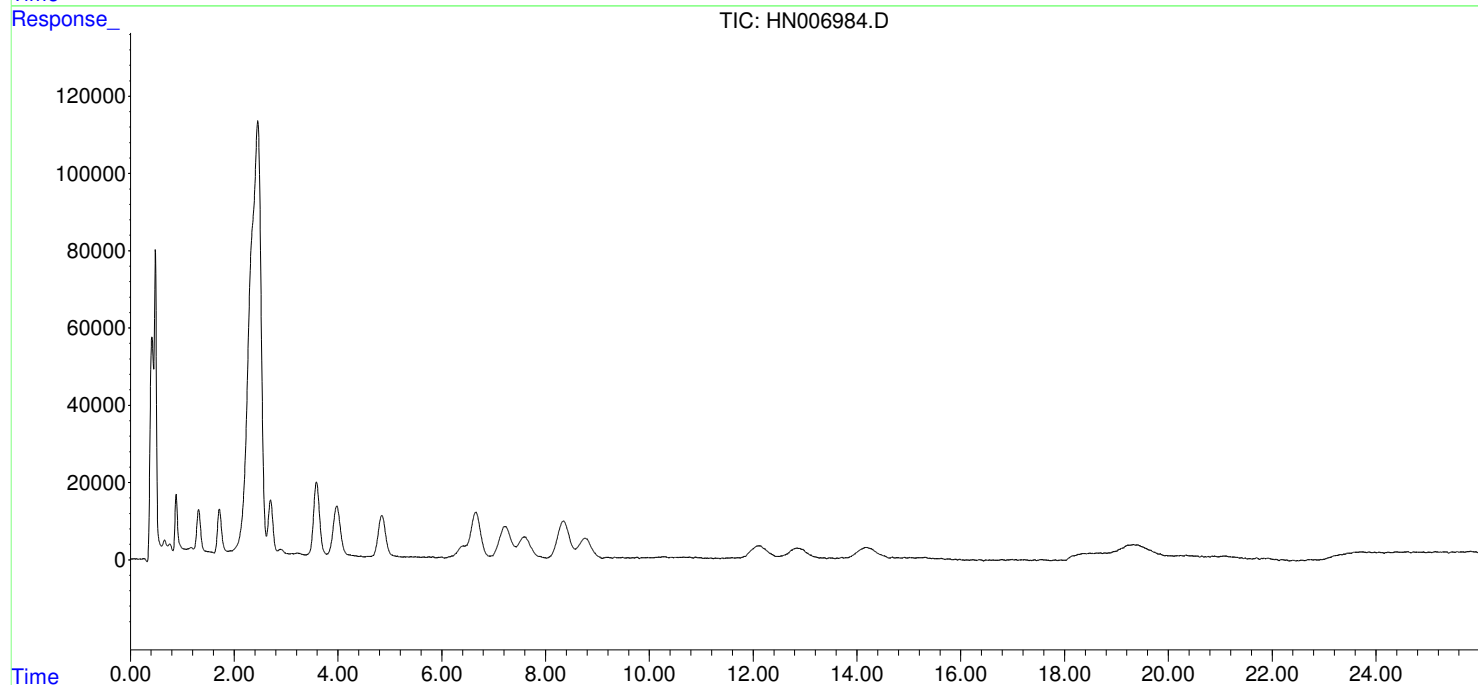
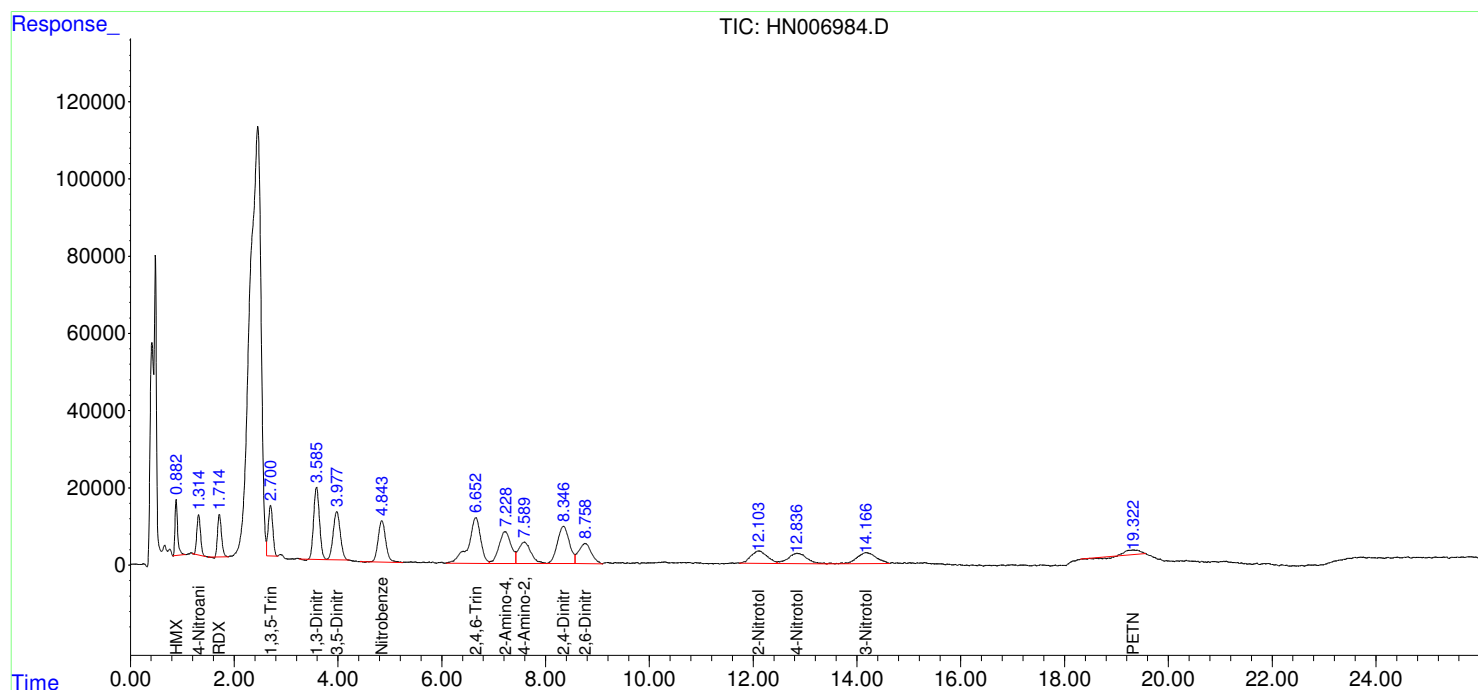
(m)=manual int.

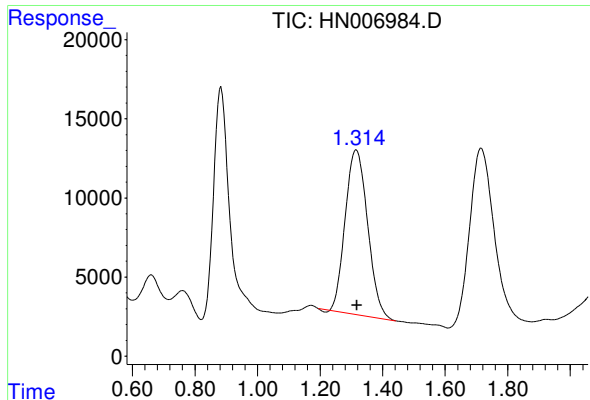
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Misc :  
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Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SD01-1014MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 04:02:07 2015  
Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN103114.M  
Quant Title :  
QLast Update : Sat Mar 07 03:03:02 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 :

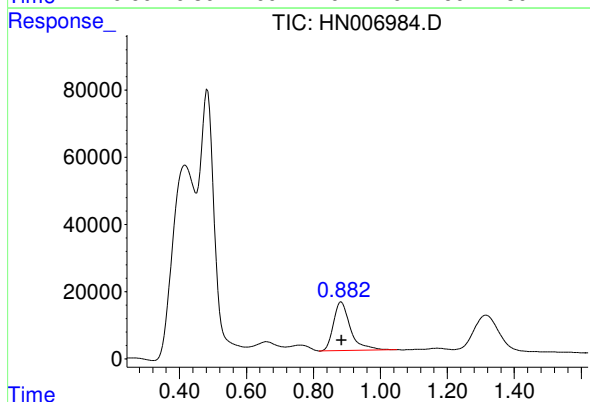




#1 4-Nitroaniline

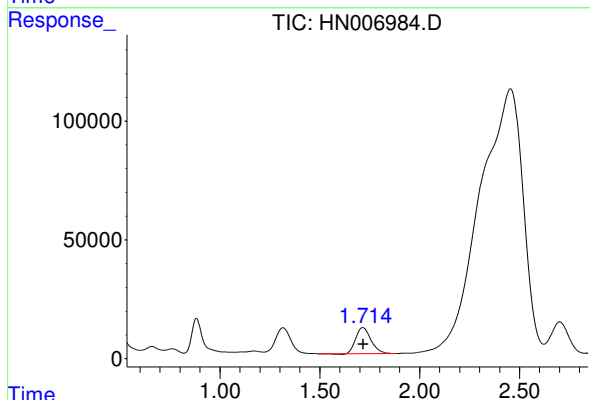
R.T.: 1.316 min  
Delta R.T.: 0.000 min  
Response: 515269  
Conc: 147.63 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SD01-1014MSD



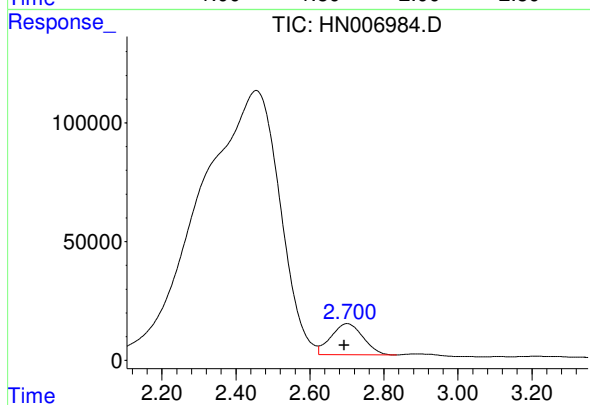
#2 HMX

R.T.: 0.884 min  
Delta R.T.: 0.000 min  
Response: 513117  
Conc: 121.81 ug/L



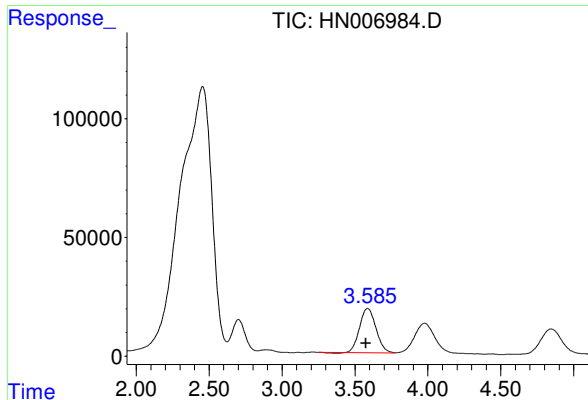
#3 RDX

R.T.: 1.716 min  
Delta R.T.: -0.001 min  
Response: 574141  
Conc: 113.53 ug/L



#4 1,3,5-Trinitrobenzene

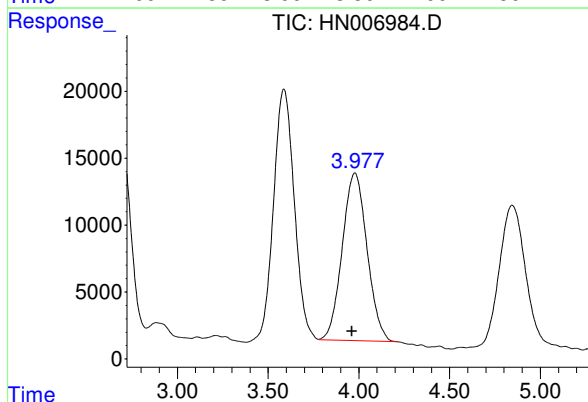
R.T.: 2.702 min  
Delta R.T.: 0.009 min  
Response: 790328  
Conc: 77.58 ug/L



#5 1,3-Dinitrobenzene

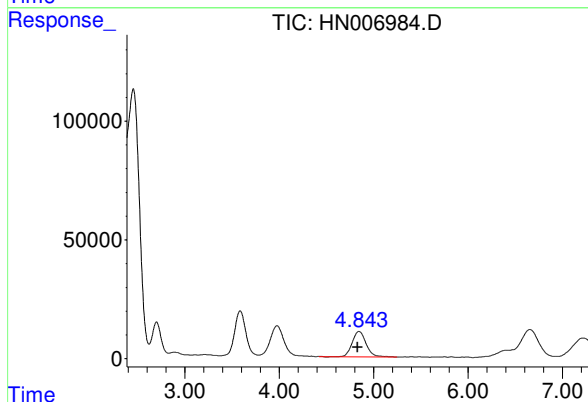
R.T.: 3.587 min  
Delta R.T.: 0.012 min  
Response: 1448177  
Conc: 90.78 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SD01-1014MSD



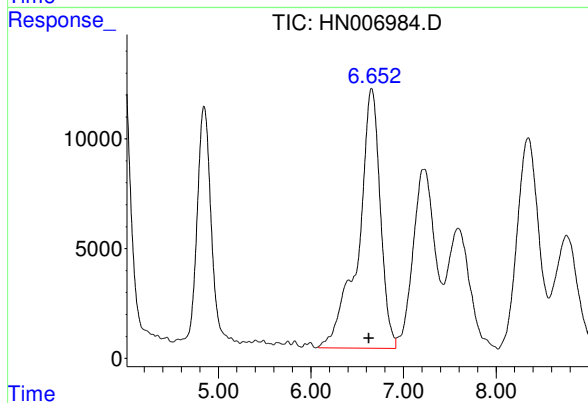
#6 3,5-Dinitroaniline

R.T.: 3.978 min  
Delta R.T.: 0.017 min  
Response: 1187897  
Conc: 105.77 ug/L



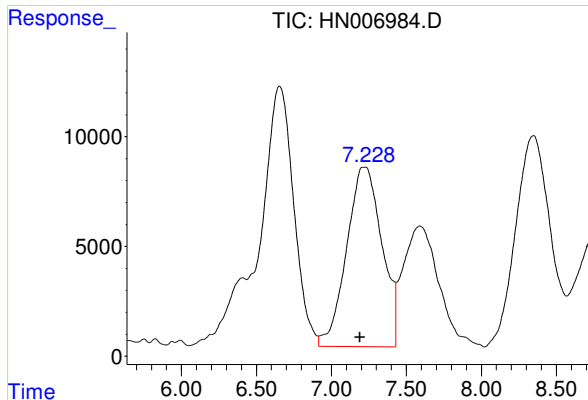
#7 Nitrobenzene

R.T.: 4.845 min  
Delta R.T.: 0.015 min  
Response: 1094758  
Conc: 112.54 ug/L



#9 2,4,6-Trinitrotoluene

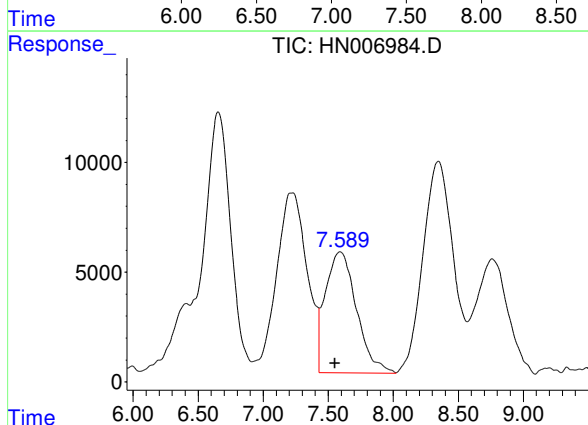
R.T.: 6.655 min  
Delta R.T.: 0.028 min  
Response: 1951985  
Conc: 191.88 ug/L



#10 2-Amino-4,6-dinitrotoluene

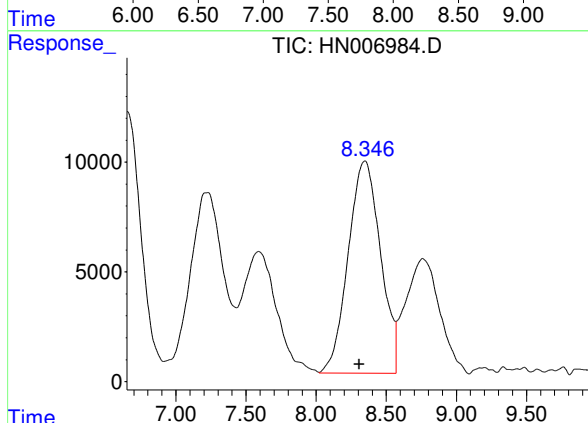
R.T.: 7.219 min  
Delta R.T.: 0.030 min  
Response: 1340747  
Conc: 121.72 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
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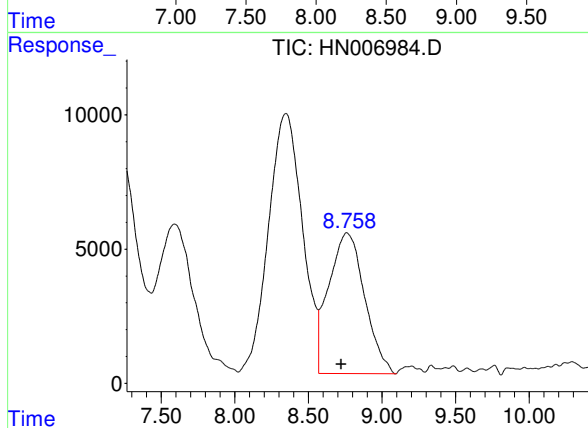
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.591 min  
Delta R.T.: 0.039 min  
Response: 916490  
Conc: 161.31 ug/L



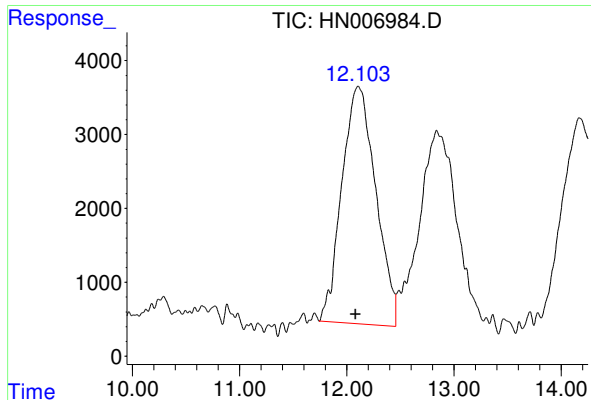
#12 2,4-Dinitrotoluene

R.T.: 8.346 min  
Delta R.T.: 0.038 min  
Response: 1551525  
Conc: 104.01 ug/L



#13 2,6-Dinitrotoluene

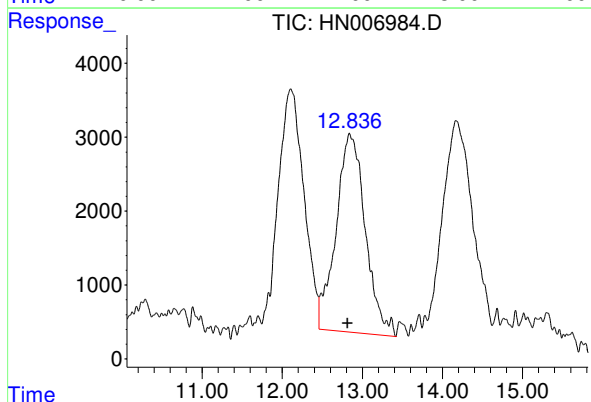
R.T.: 8.761 min  
Delta R.T.: 0.037 min  
Response: 889085  
Conc: 110.36 ug/L



#14 2-Nitrotoluene

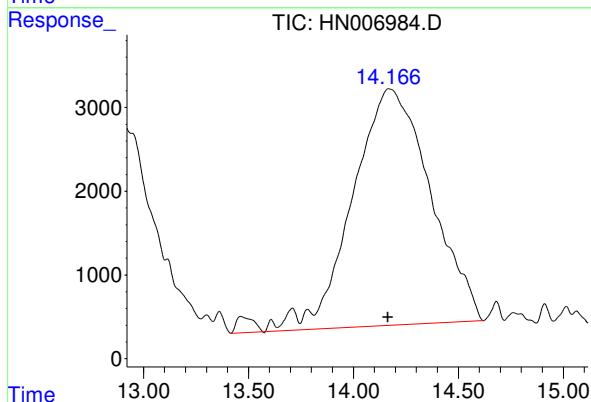
R.T.: 12.106 min  
Delta R.T.: 0.027 min  
Response: 706232  
Conc: 110.42 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SD01-1014MSD



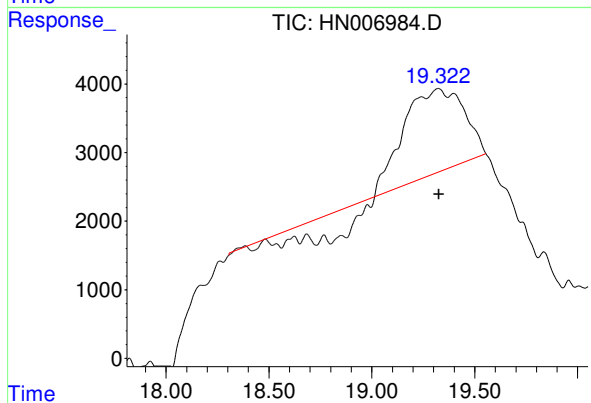
#15 4-Nitrotoluene

R.T.: 12.841 min  
Delta R.T.: 0.026 min  
Response: 682624  
Conc: 128.44 ug/L



#16 3-Nitrotoluene

R.T.: 14.174 min  
Delta R.T.: 0.011 min  
Response: 740695  
Conc: 106.53 ug/L



#17 PETN

R.T.: 19.323 min  
Delta R.T.: -0.003 min  
Response: 178222  
Conc: 21.13 ug/L