

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN100214\  
 Data File : HN006266.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 02-Oct-2014, 10:44  
 Operator : HNP  
 Sample : HSTDICC2000  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 HSTDICC2000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 13:08:38 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
 Quant Title :  
 QLast Update : Wed Mar 04 13:08:25 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            | 1.328  | 6661448  | 1676.036 ug/L  |
| Target Compounds               |        |          |                |
| 2) T HMX                       | 0.881  | 8639118  | 1786.268 ug/L  |
| 3) T RDX                       | 1.719  | 10294446 | 1877.675 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.700  | 20766051 | 1936.325 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.596  | 31366612 | 1915.606 ng/ml |
| 6) T 3,5-Dinitroaniline        | 3.971  | 22401890 | 1922.444 ug/L  |
| 7) T Nitrobenzene              | 4.865  | 19294058 | 1925.371 ug/L  |
| 8) T Tetryl                    | 6.453  | 12923187 | 2026.792 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.704  | 20758104 | 1933.318 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 7.244  | 22254638 | 1921.920 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 7.613  | 11617774 | 1903.572 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.409  | 29553861 | 1919.403 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 8.835  | 15989446 | 1886.507 ug/L  |
| 14) T 2-Nitrotoluene           | 12.224 | 12438611 | 1857.260 ug/L  |
| 15) T 4-Nitrotoluene           | 12.990 | 10128092 | 1850.205 ug/L  |
| 16) T 3-Nitrotoluene           | 14.336 | 13115056 | 1883.881 ug/L  |
| 17) T PETN                     | 19.656 | 15422109 | 1873.808 ug/L  |
| -----                          |        |          |                |

(f)=RT Delta > 1/2 Window

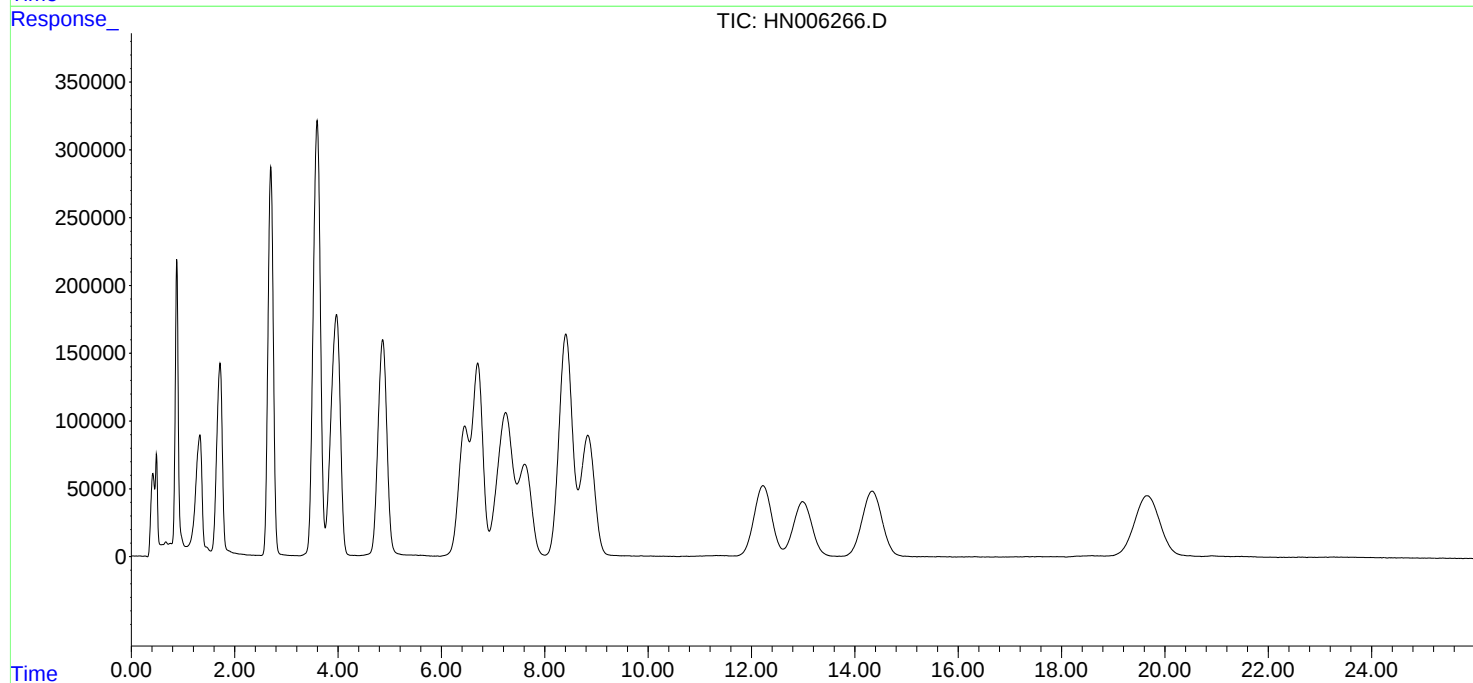
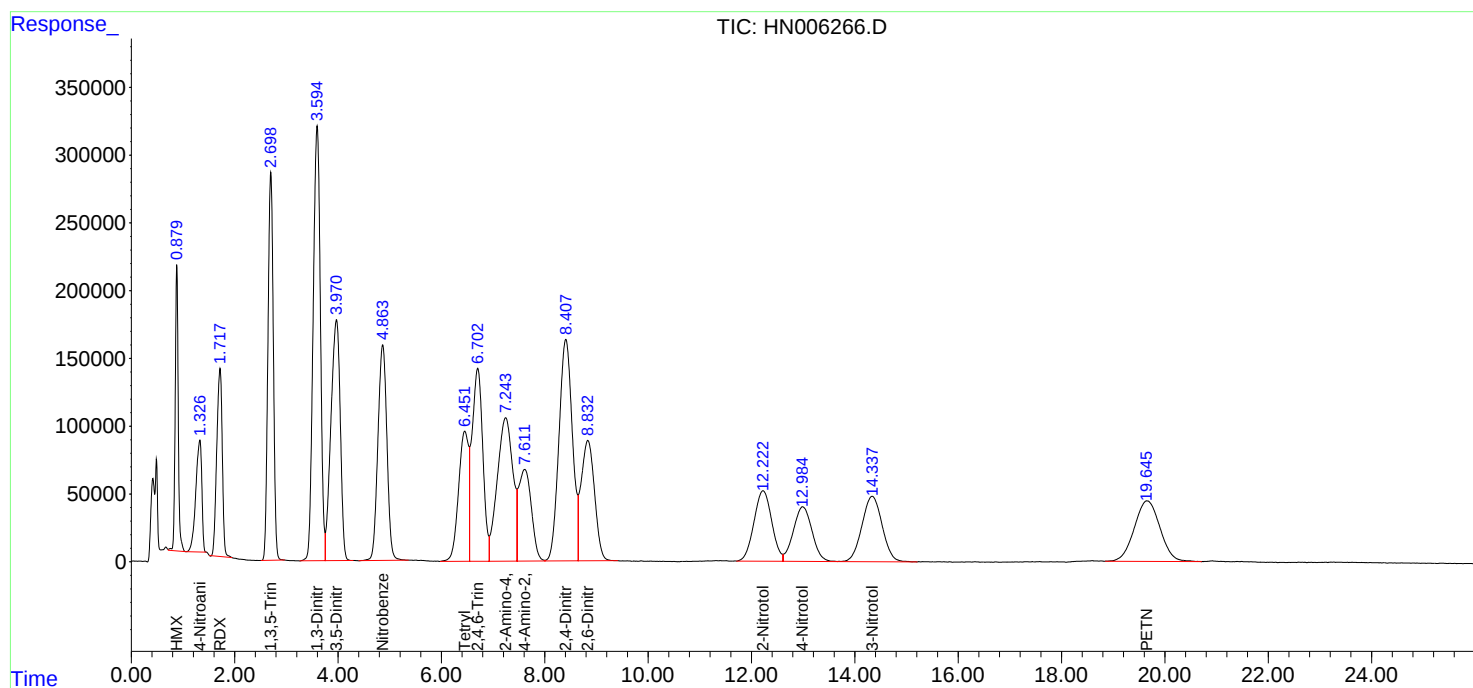
(m)=manual int.

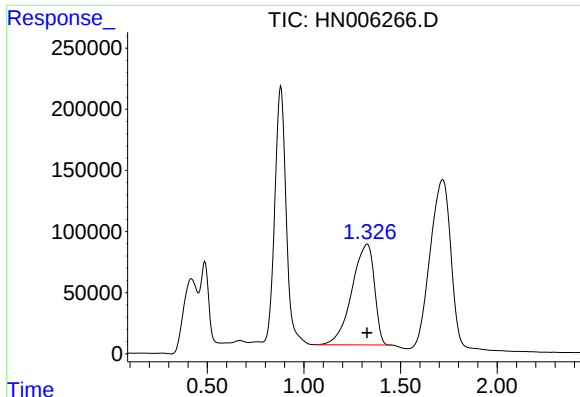
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Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
Quant Title :  
QLast Update : Wed Mar 04 13:08:25 2015  
Response via : Initial Calibration  
Integrator: ChemStation

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 :

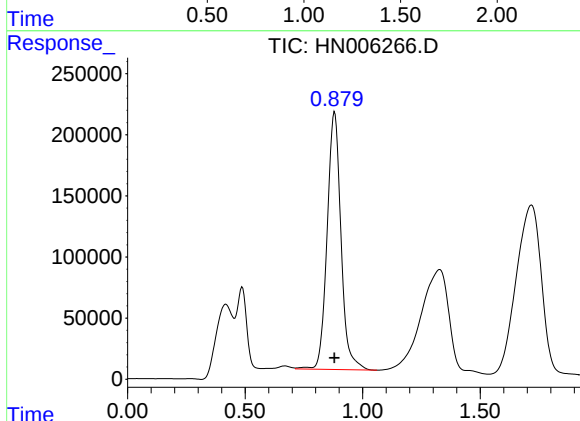




#1 4-Nitroaniline

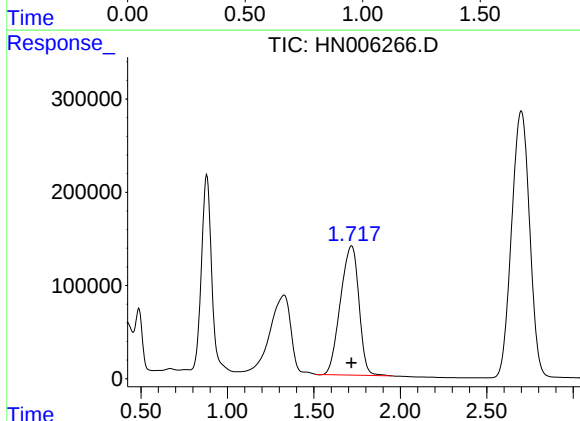
R.T.: 1.328 min  
Delta R.T.: 0.001 min  
Response: 6661448  
Conc: 1676.04 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDICC2000



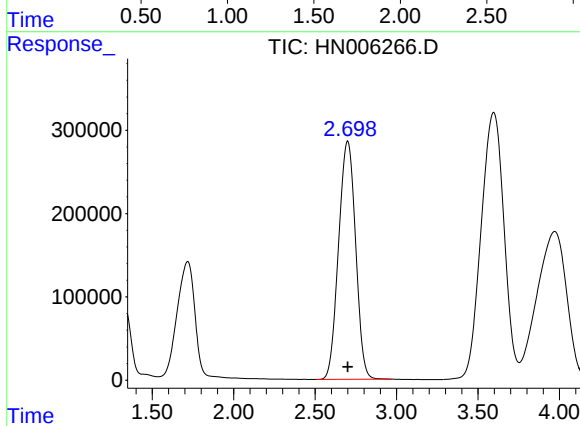
#2 HMX

R.T.: 0.881 min  
Delta R.T.: 0.000 min  
Response: 8639118  
Conc: 1786.27 ug/L



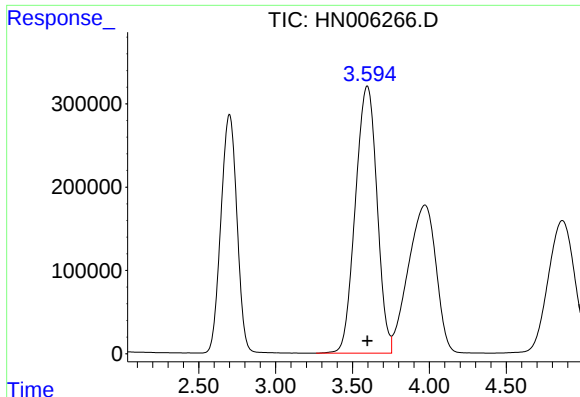
#3 RDX

R.T.: 1.719 min  
Delta R.T.: 0.000 min  
Response: 10294446  
Conc: 1877.68 ug/L



#4 1,3,5-Trinitrobenzene

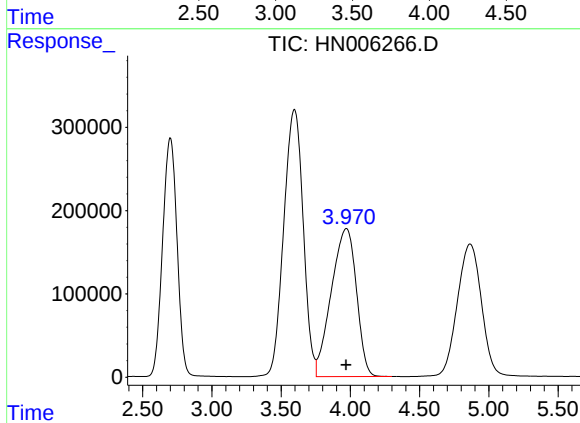
R.T.: 2.700 min  
Delta R.T.: 0.000 min  
Response: 20766051  
Conc: 1936.33 ug/L



#5 1,3-Dinitrobenzene

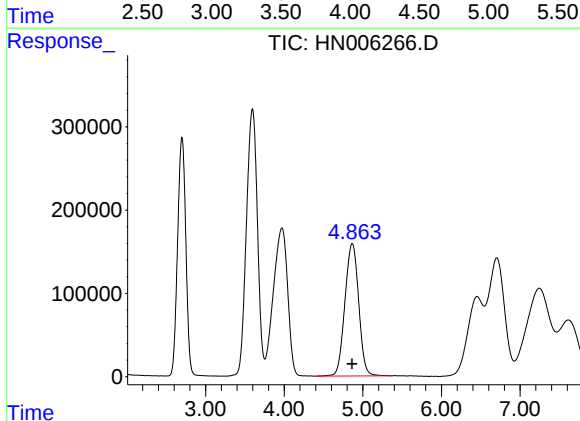
R.T.: 3.596 min  
Delta R.T.: 0.000 min  
Response: 31366612  
Conc: 1915.61 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDICC2000



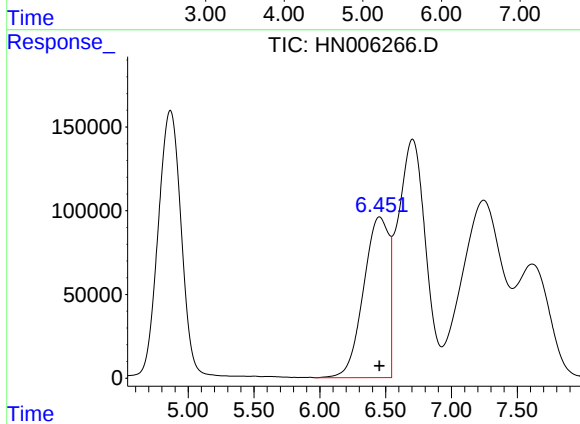
#6 3,5-Dinitroaniline

R.T.: 3.971 min  
Delta R.T.: 0.001 min  
Response: 22401890  
Conc: 1922.44 ug/L



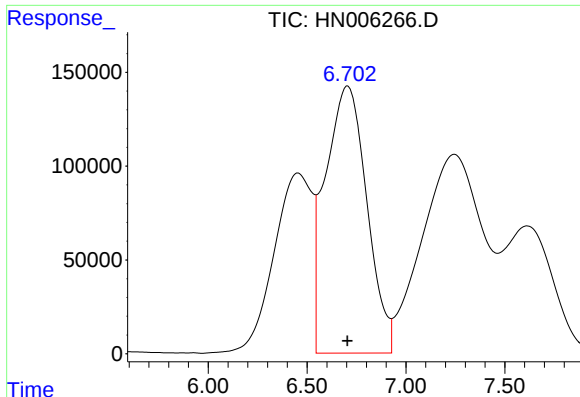
#7 Nitrobenzene

R.T.: 4.865 min  
Delta R.T.: 0.000 min  
Response: 19294058  
Conc: 1925.37 ug/L



#8 Tetryl

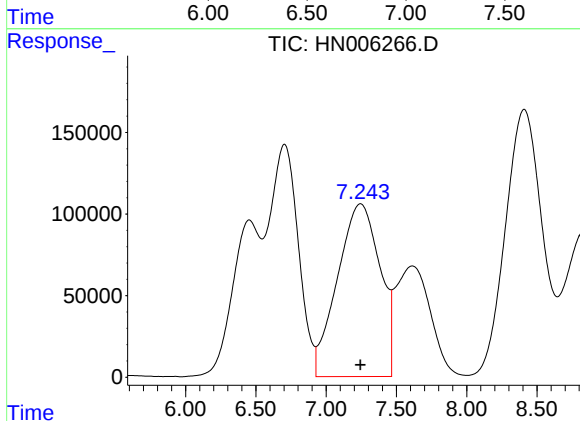
R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 12923187  
Conc: 2026.79 ug/L



#9 2,4,6-Trinitrotoluene

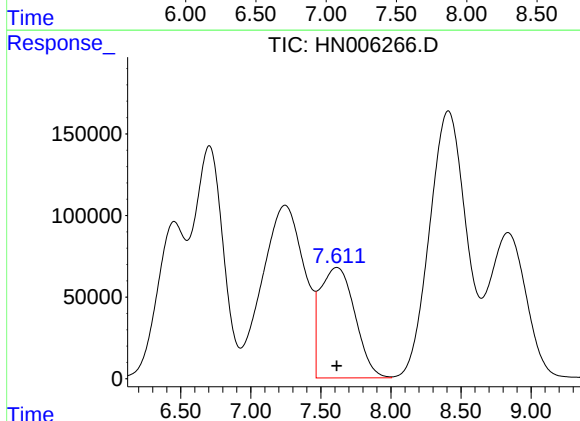
R.T.: 6.704 min  
Delta R.T.: 0.000 min  
Response: 20758104  
Conc: 1933.32 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDICC2000



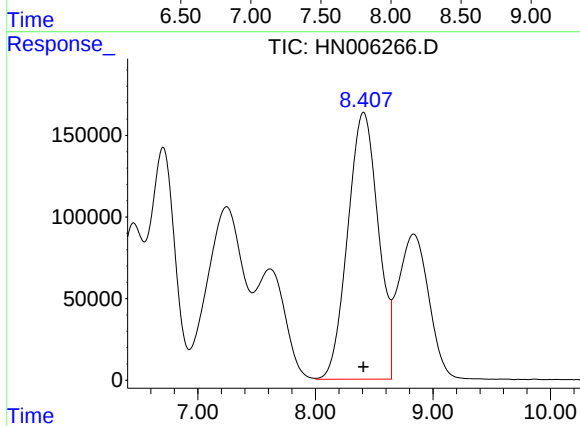
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.244 min  
Delta R.T.: 0.000 min  
Response: 22254638  
Conc: 1921.92 ug/L



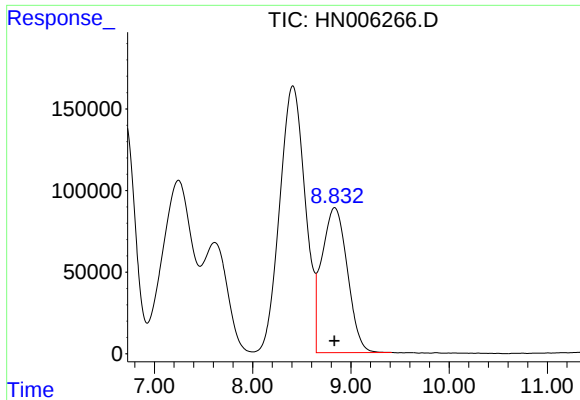
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.613 min  
Delta R.T.: 0.000 min  
Response: 11617774  
Conc: 1903.57 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.409 min  
Delta R.T.: 0.000 min  
Response: 29553861  
Conc: 1919.40 ug/L



#13 2,6-Dinitrotoluene

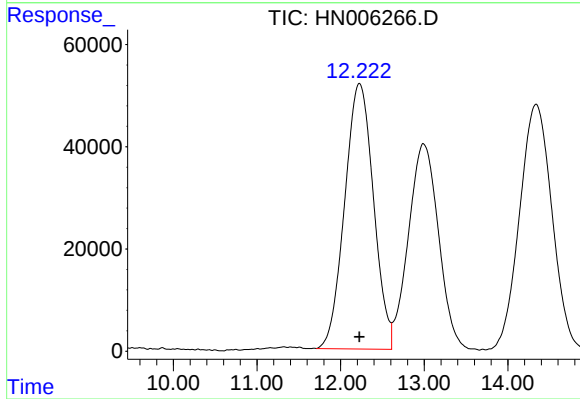
R.T.: 8.835 min

Delta R.T.: 0.000 min

Response: 15989446

Conc: 1886.51 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDICC2000



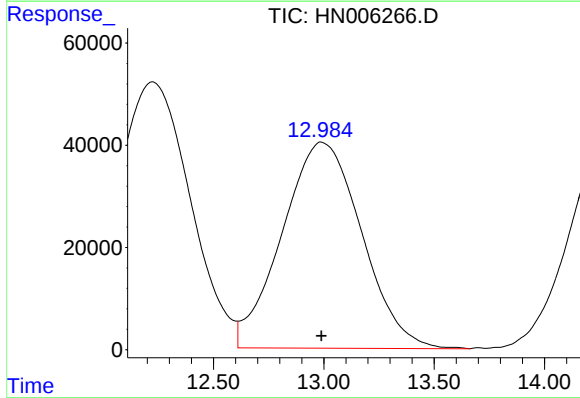
#14 2-Nitrotoluene

R.T.: 12.224 min

Delta R.T.: 0.000 min

Response: 12438611

Conc: 1857.26 ug/L



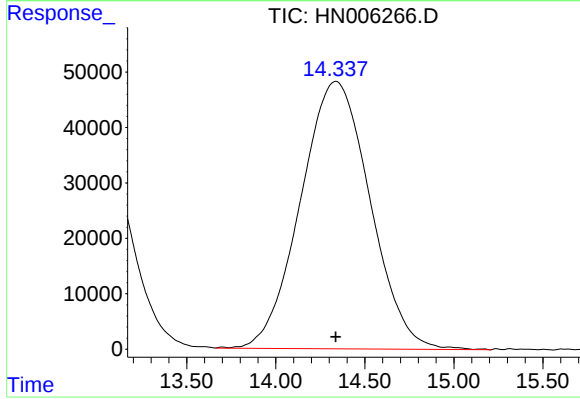
#15 4-Nitrotoluene

R.T.: 12.990 min

Delta R.T.: 0.000 min

Response: 10128092

Conc: 1850.21 ug/L



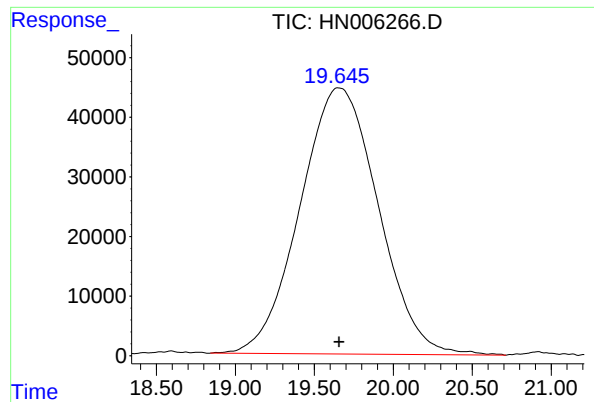
#16 3-Nitrotoluene

R.T.: 14.336 min

Delta R.T.: 0.000 min

Response: 13115056

Conc: 1883.88 ug/L



#17 PETN

R.T.: 19.656 min  
Delta R.T.: 0.000 min  
Response: 15422109  
Conc: 1873.81 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDICC2000