

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN102214\  
 Data File : HN006474.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 22-Oct-2014, 17:48  
 Operator : HNP  
 Sample : HSTDCC0500  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 HSTDCC0500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 05 13:21:26 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
 Quant Title :  
 QLast Update : Thu Mar 05 12:00:22 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            | 1.319  | 1595111  | 468.159 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.878  | 2048751  | 454.472 ug/L  |
| 3) T RDX                       | 1.704  | 2642687  | 504.049 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.685  | 5489339  | 511.325 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.569  | 8410702  | 515.532 ng/mL |
| 6) T 3,5-Dinitroaniline        | 3.926  | 6056271  | 520.888 ug/L  |
| 7) T Nitrobenzene              | 4.825  | 4997030  | 496.195 ug/L  |
| 8) T Tetryl                    | 6.362f | 3297616  | 509.017 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.634f | 5408955  | 493.111 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 7.139f | 5636409  | 489.606 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 7.506  | 3328685  | 543.687 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.314  | 7807645  | 506.416 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 8.734  | 4387735  | 526.816 ug/L  |
| 14) T 2-Nitrotoluene           | 12.106 | 3446124  | 524.702 ug/L  |
| 15) T 4-Nitrotoluene           | 12.873 | 2809580  | 524.462 ug/L  |
| 16) T 3-Nitrotoluene           | 14.201 | 3371311  | 488.165 ug/L  |
| 17) T PETN                     | 19.411 | 4369149  | 585.588 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

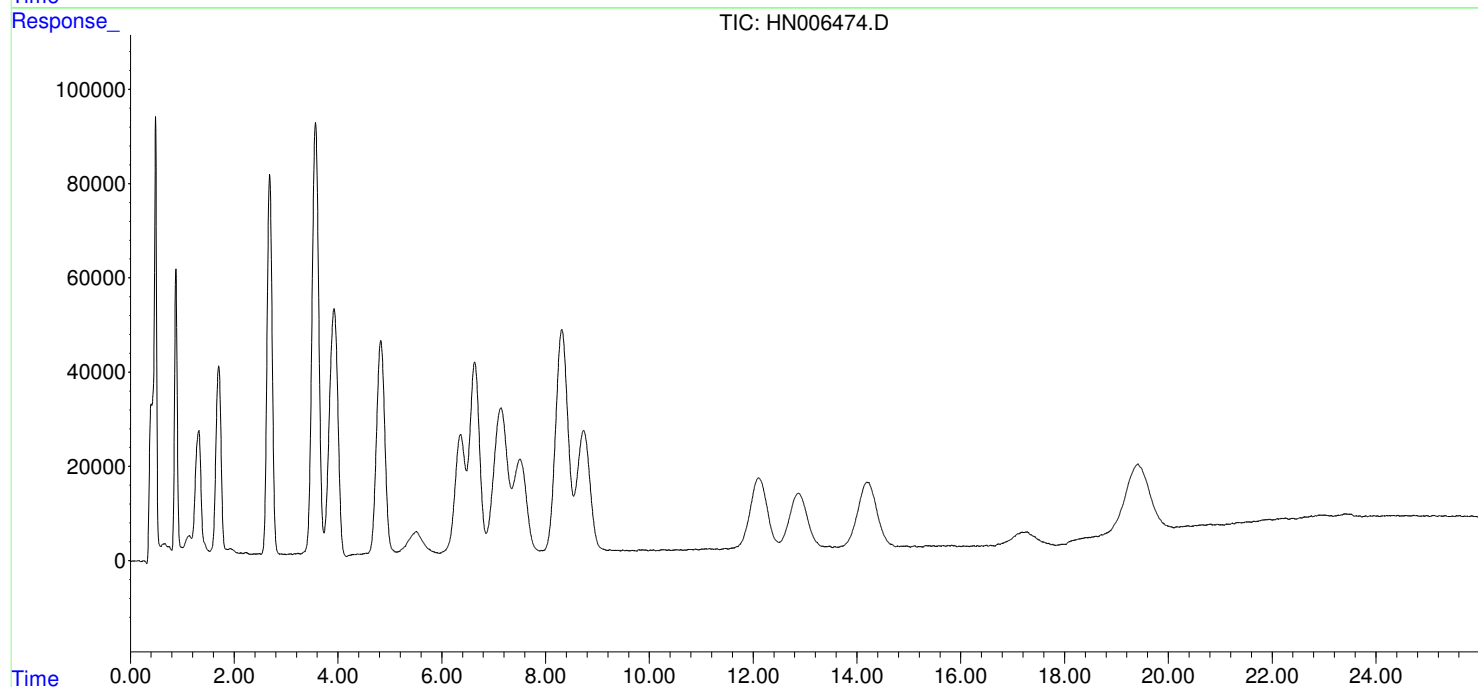
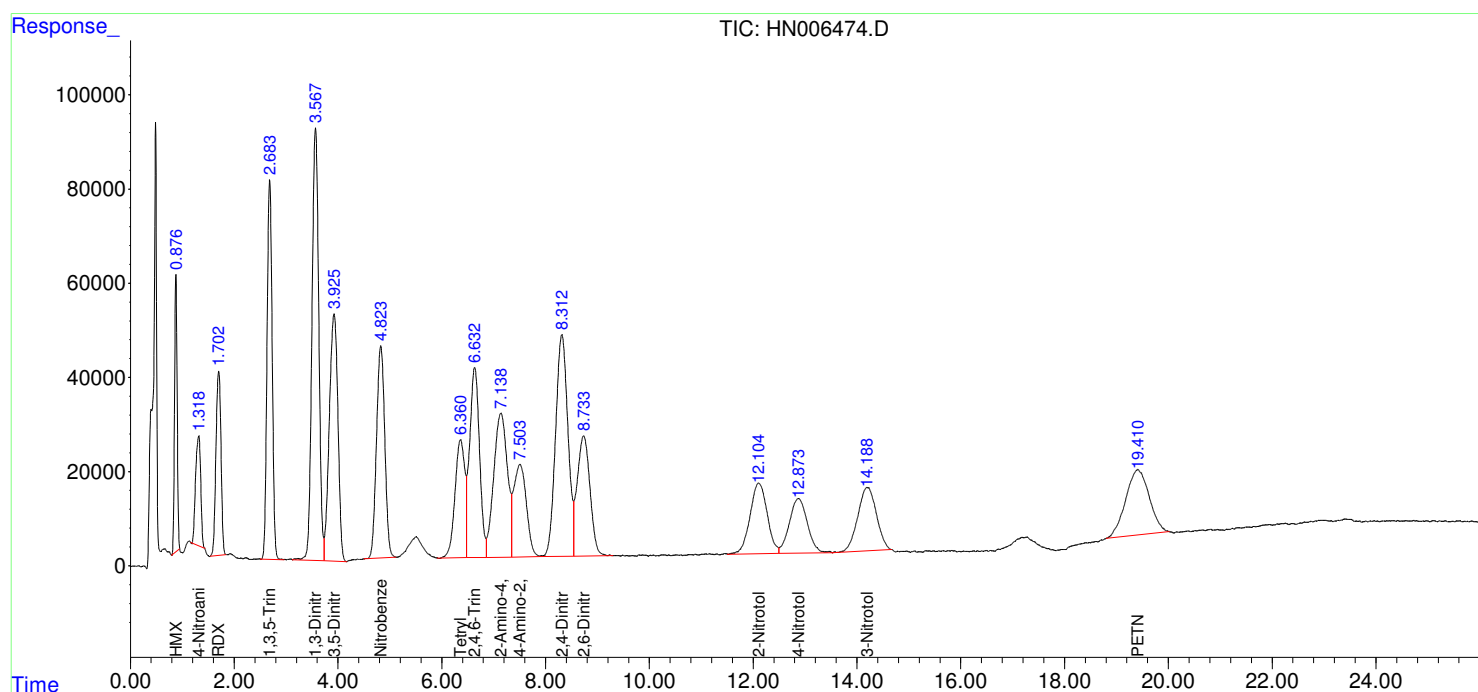
(m)=manual int.

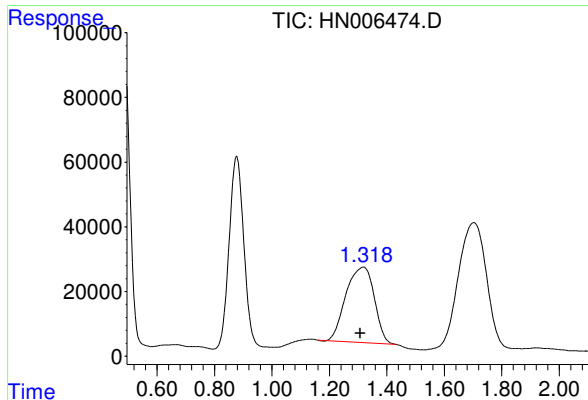
Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN102214\  
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Acq On : 22-Oct-2014, 17:48  
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Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
HPLC\_N  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 05 13:21:26 2015  
Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
Quant Title :  
QLast Update : Thu Mar 05 12:00:22 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 :

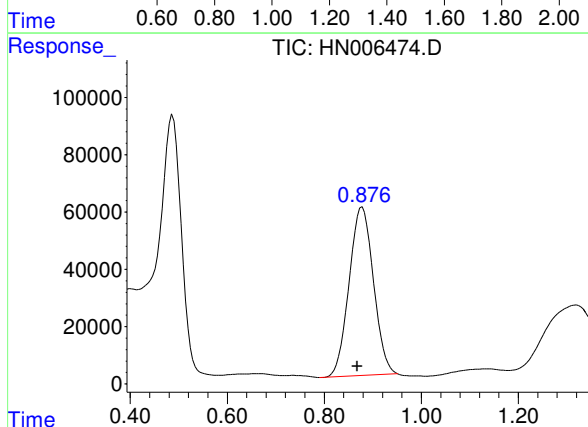




#1 4-Nitroaniline

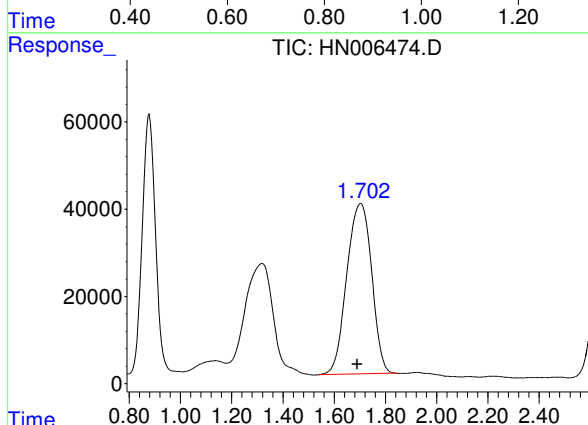
R.T.: 1.319 min  
Delta R.T.: 0.012 min  
Response: 1595111  
Conc: 468.16 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCC0500



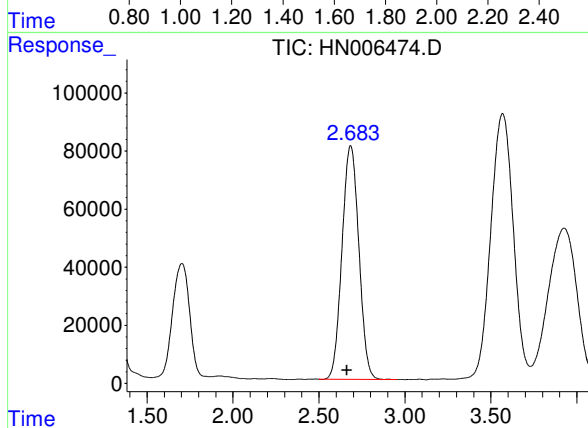
#2 HMX

R.T.: 0.878 min  
Delta R.T.: 0.010 min  
Response: 2048751  
Conc: 454.47 ug/L



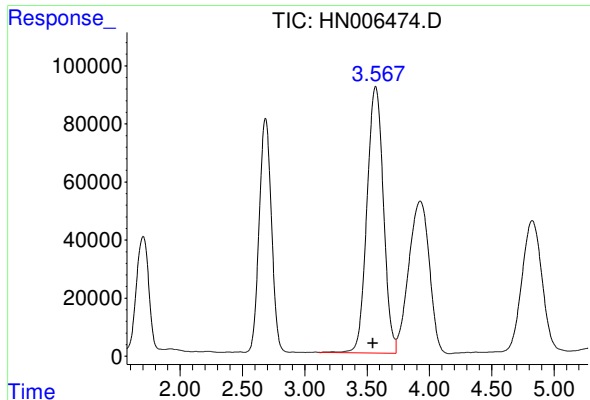
#3 RDX

R.T.: 1.704 min  
Delta R.T.: 0.014 min  
Response: 2642687  
Conc: 504.05 ug/L



#4 1,3,5-Trinitrobenzene

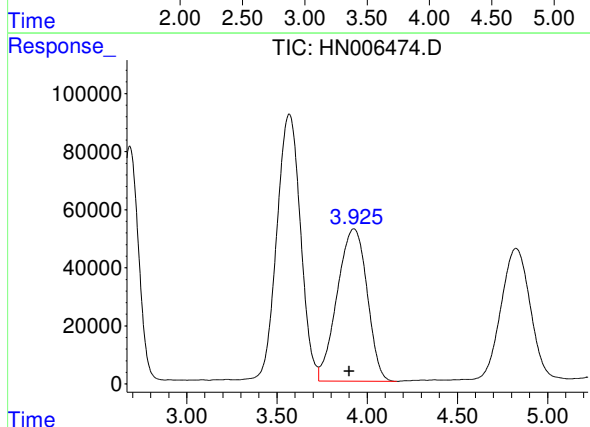
R.T.: 2.685 min  
Delta R.T.: 0.022 min  
Response: 5489339  
Conc: 511.32 ug/L



#5 1,3-Dinitrobenzene

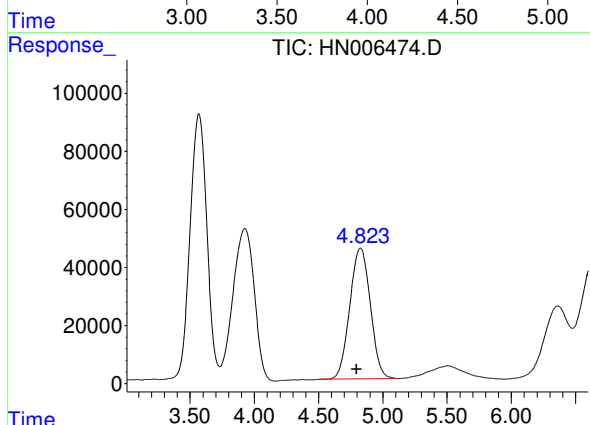
R.T.: 3.569 min  
Delta R.T.: 0.025 min  
Response: 8410702  
Conc: 515.53 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCC0500



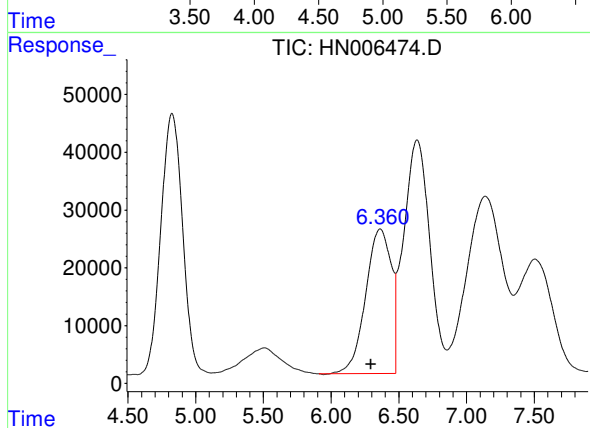
#6 3,5-Dinitroaniline

R.T.: 3.926 min  
Delta R.T.: 0.026 min  
Response: 6056271  
Conc: 520.89 ug/L



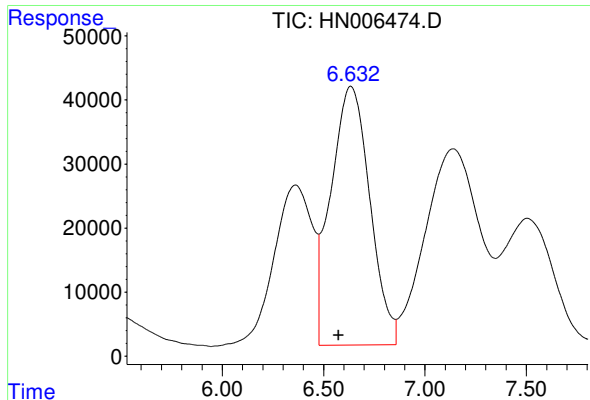
#7 Nitrobenzene

R.T.: 4.825 min  
Delta R.T.: 0.033 min  
Response: 4997030  
Conc: 496.19 ug/L



#8 Tetryl

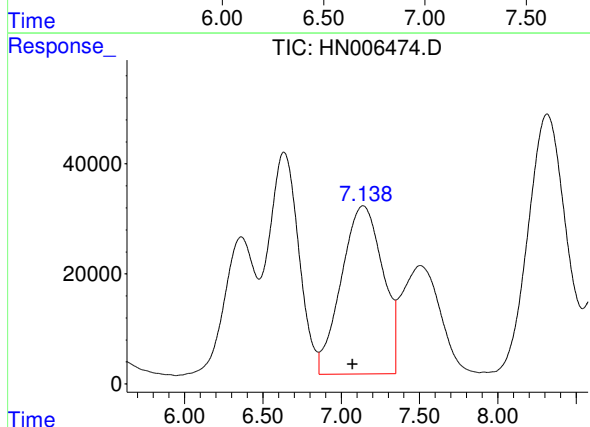
R.T.: 6.362 min  
Delta R.T.: 0.070 min  
Response: 3297616  
Conc: 509.02 ug/L



#9 2,4,6-Trinitrotoluene

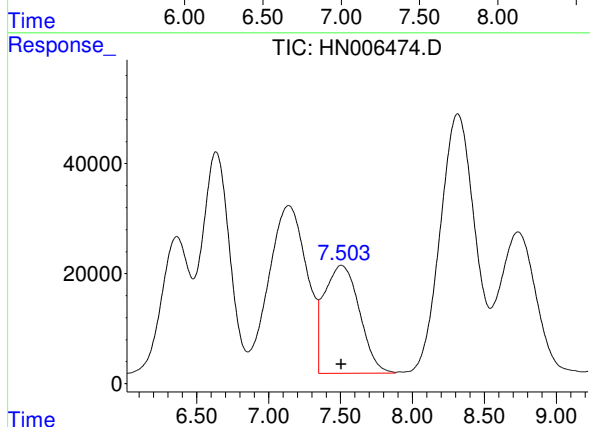
R.T.: 6.634 min  
Delta R.T.: 0.061 min  
Response: 5408955  
Conc: 493.11 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCC0500



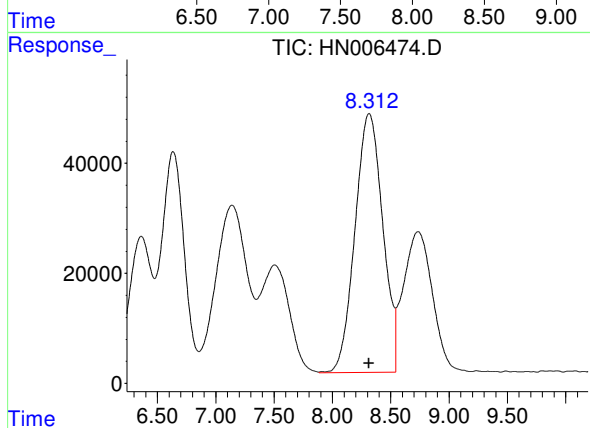
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.139 min  
Delta R.T.: 0.068 min  
Response: 5636409  
Conc: 489.61 ug/L



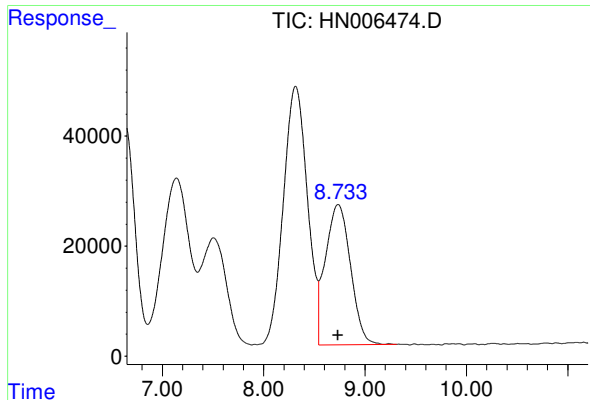
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.506 min  
Delta R.T.: 0.003 min  
Response: 3328685  
Conc: 543.69 ug/L



#12 2,4-Dinitrotoluene

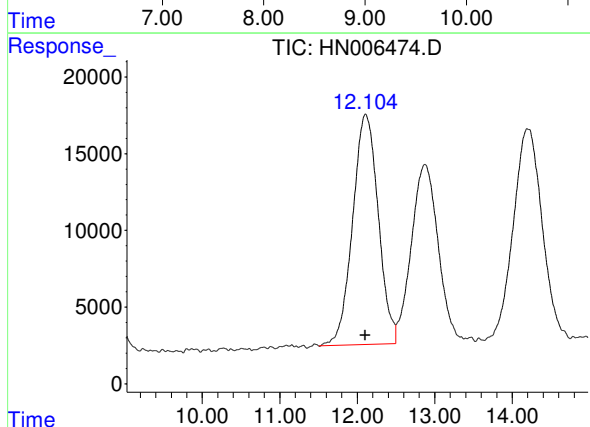
R.T.: 8.314 min  
Delta R.T.: 0.002 min  
Response: 7807645  
Conc: 506.42 ug/L



#13 2,6-Dinitrotoluene

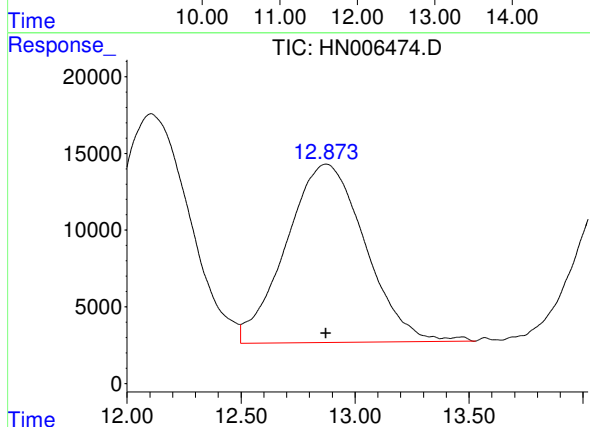
R.T.: 8.734 min  
Delta R.T.: 0.001 min  
Response: 4387735  
Conc: 526.82 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCC0500



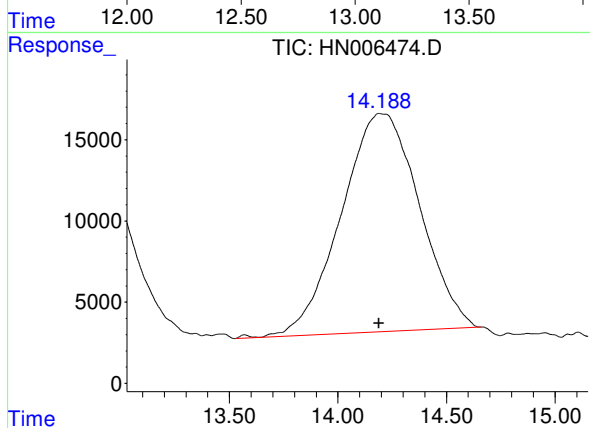
#14 2-Nitrotoluene

R.T.: 12.106 min  
Delta R.T.: 0.002 min  
Response: 3446124  
Conc: 524.70 ug/L



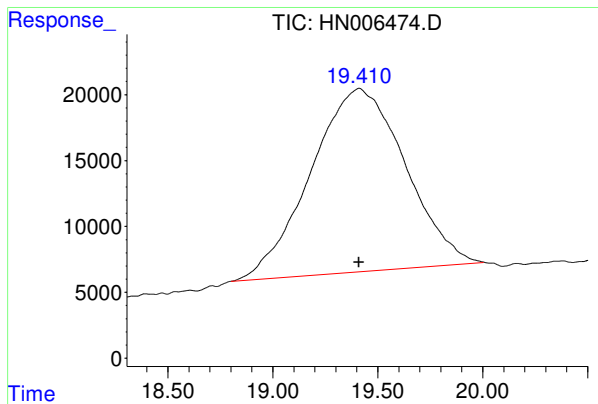
#15 4-Nitrotoluene

R.T.: 12.873 min  
Delta R.T.: 0.000 min  
Response: 2809580  
Conc: 524.46 ug/L



#16 3-Nitrotoluene

R.T.: 14.201 min  
Delta R.T.: 0.013 min  
Response: 3371311  
Conc: 488.17 ug/L



#17 PETN

R.T.: 19.411 min  
Delta R.T.: 0.000 min  
Response: 4369149  
Conc: 585.59 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCC0500