

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN103114\  
 Data File : HN006912.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 01-Nov-2014, 01:18  
 Operator : TP  
 Sample : HSTDCCC0500  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 HSTDCCC0500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 06 17:22:04 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN103114.M  
 Quant Title :  
 QLast Update : Fri Mar 06 17:22:01 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            | 1.287  | 1804466  | 516.996 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.862  | 2197594  | 521.682 ug/L  |
| 3) T RDX                       | 1.668  | 2639019  | 521.834 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.632  | 5243231  | 514.661 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.486  | 8137301  | 510.079 ng/ml |
| 6) T 3,5-Dinitroaniline        | 3.844  | 5812217  | 517.534 ug/L  |
| 7) T Nitrobenzene              | 4.713  | 5087577  | 523.012 ug/L  |
| 8) T Tetryl                    | 6.198  | 2504891  | 546.758 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.470  | 5333896  | 524.314 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 6.980  | 5587325  | 507.255 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 7.328  | 3268032  | 575.206 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.106  | 7587355  | 508.648 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 8.507  | 4271512  | 530.236 ug/L  |
| 14) T 2-Nitrotoluene           | 11.805 | 3384135  | 529.093 ug/L  |
| 15) T 4-Nitrotoluene           | 12.547 | 2709647  | 509.834 ug/L  |
| 16) T 3-Nitrotoluene           | 13.864 | 3559855  | 512.008 ug/L  |
| 17) T PETN                     | 18.949 | 3971742  | 470.936 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

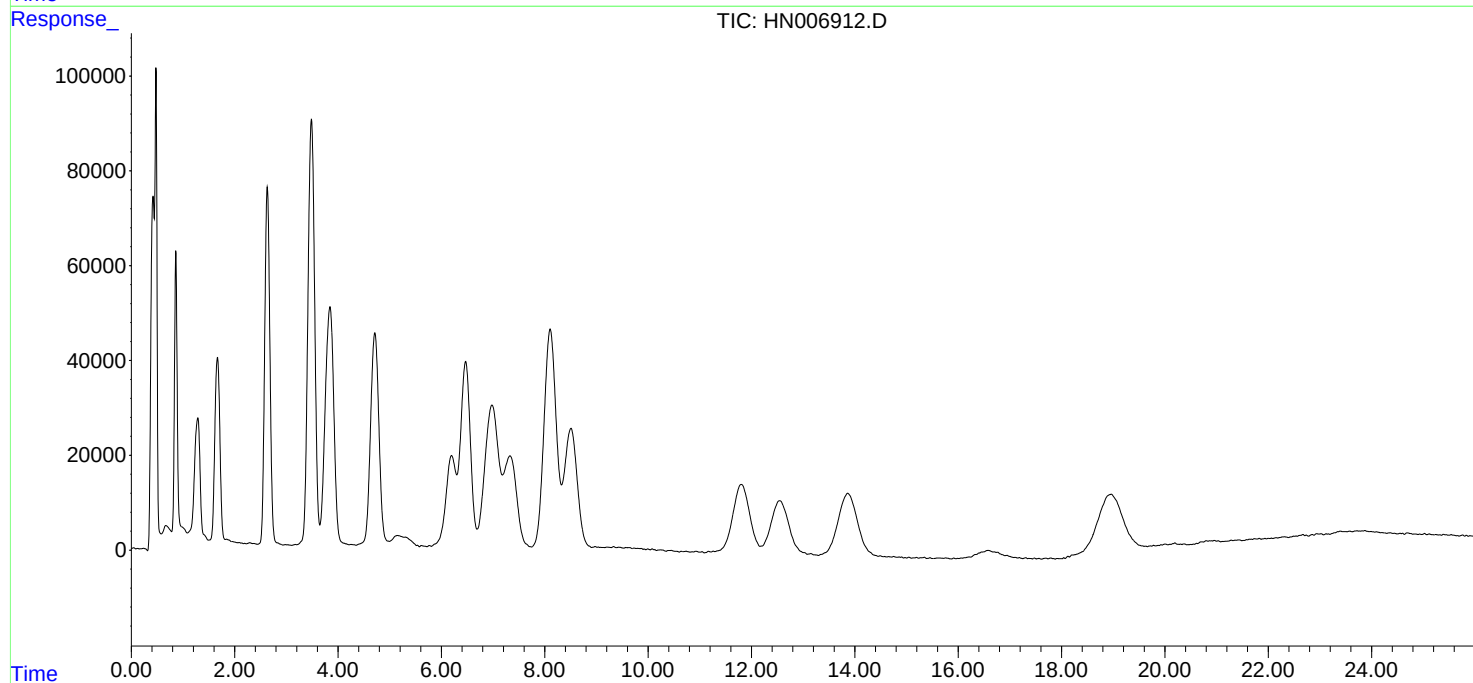
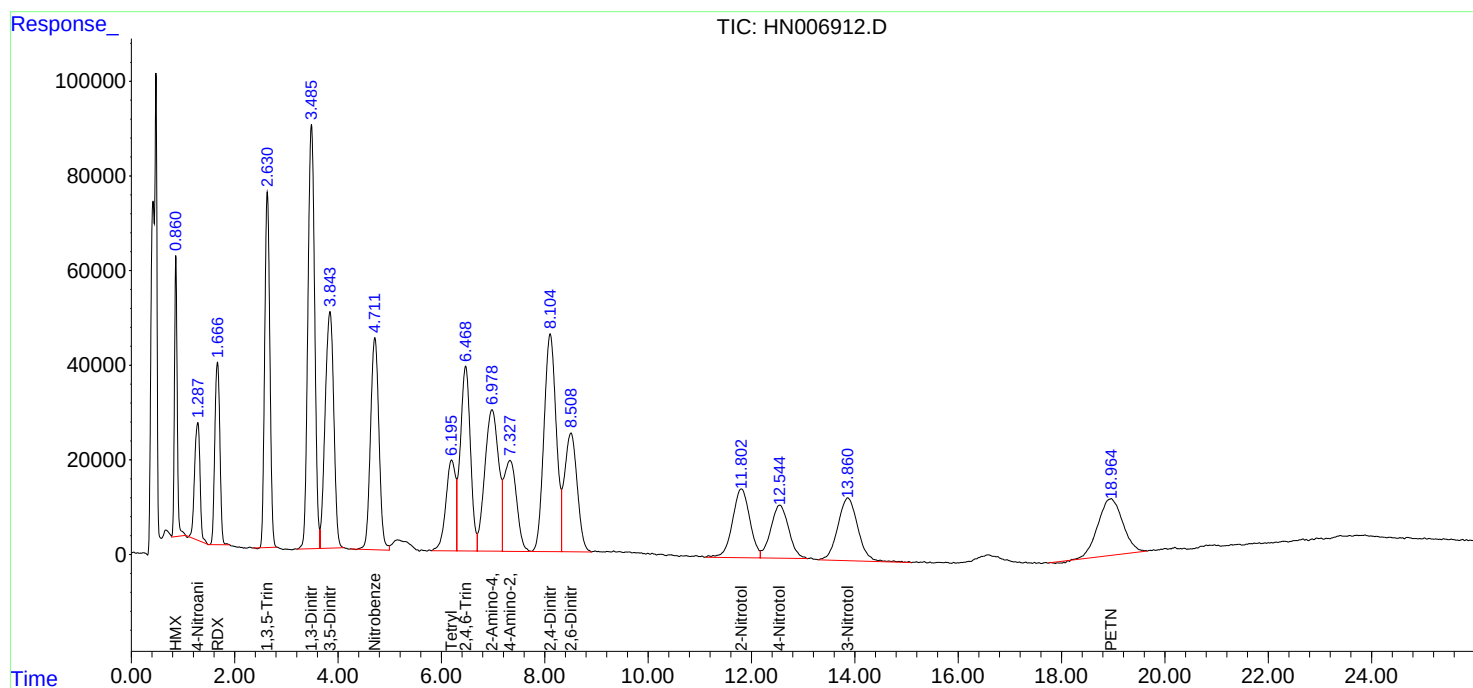
(m)=manual int.

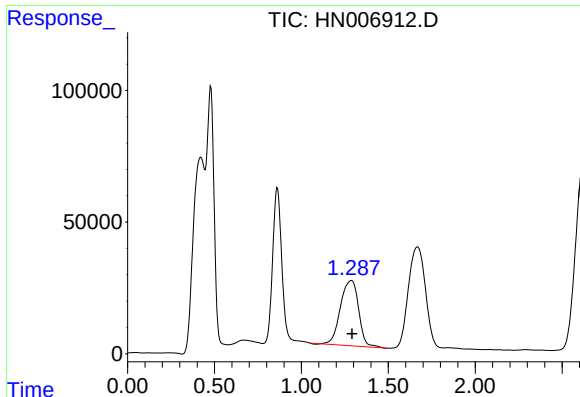
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Misc :  
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Integration File signal 1: autoint1.e  
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Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN103114.M  
Quant Title :  
QLast Update : Fri Mar 06 17:22:01 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 :

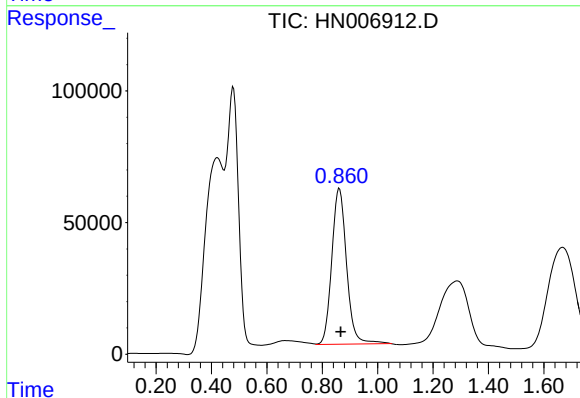




#1 4-Nitroaniline

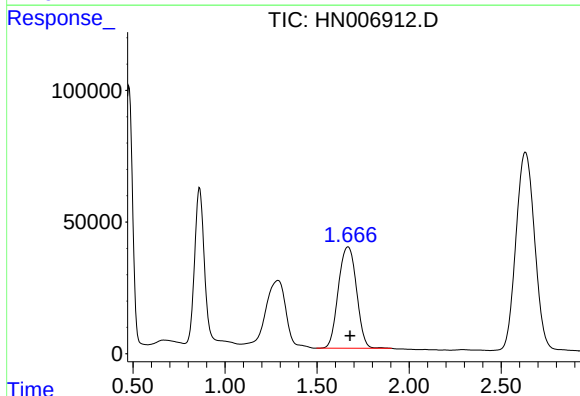
R.T.: 1.287 min  
Delta R.T.: -0.005 min  
Response: 1804466  
Conc: 517.00 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500



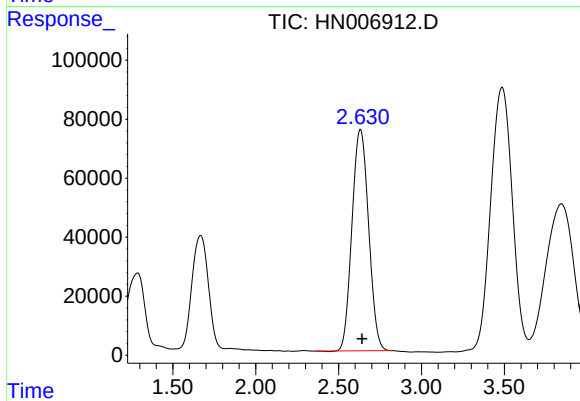
#2 HMX

R.T.: 0.862 min  
Delta R.T.: -0.004 min  
Response: 2197594  
Conc: 521.68 ug/L



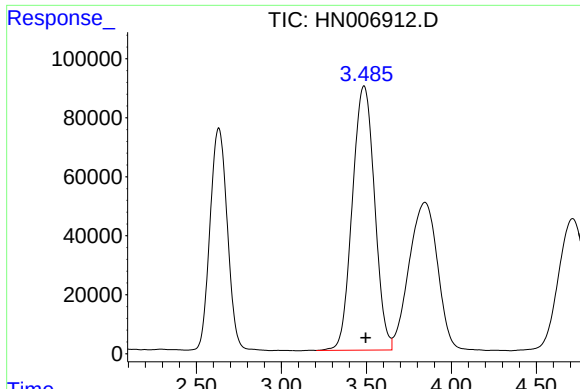
#3 RDX

R.T.: 1.668 min  
Delta R.T.: -0.011 min  
Response: 2639019  
Conc: 521.83 ug/L



#4 1,3,5-Trinitrobenzene

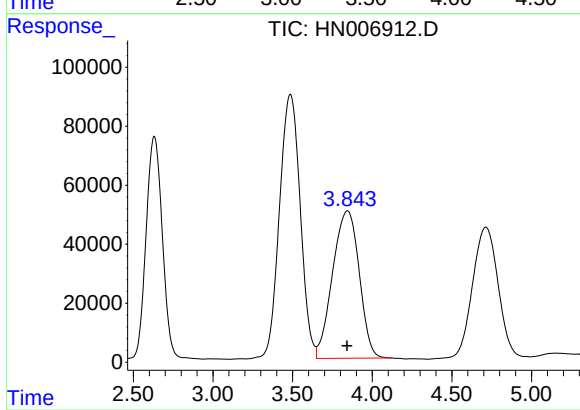
R.T.: 2.632 min  
Delta R.T.: -0.009 min  
Response: 5243231  
Conc: 514.66 ug/L



#5 1,3-Dinitrobenzene

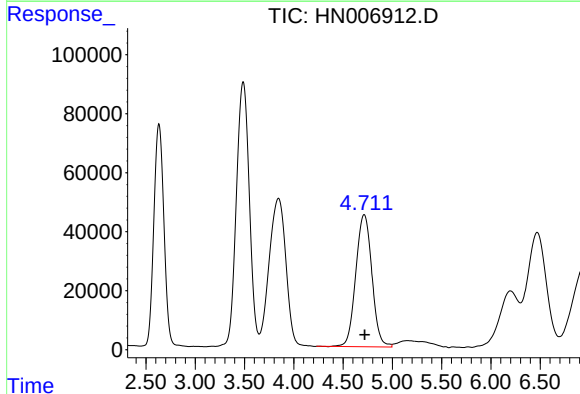
R.T.: 3.486 min  
Delta R.T.: -0.010 min  
Response: 8137301  
Conc: 510.08 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500



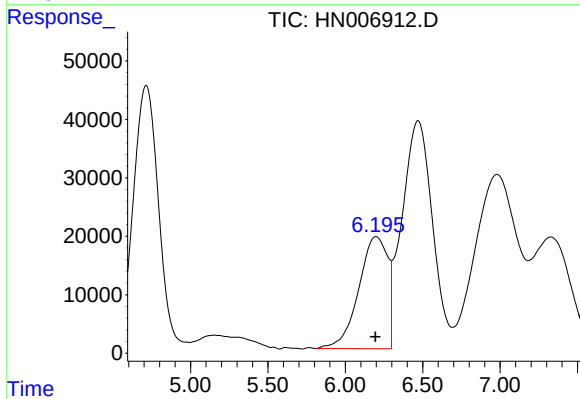
#6 3,5-Dinitroaniline

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 5812217  
Conc: 517.53 ug/L



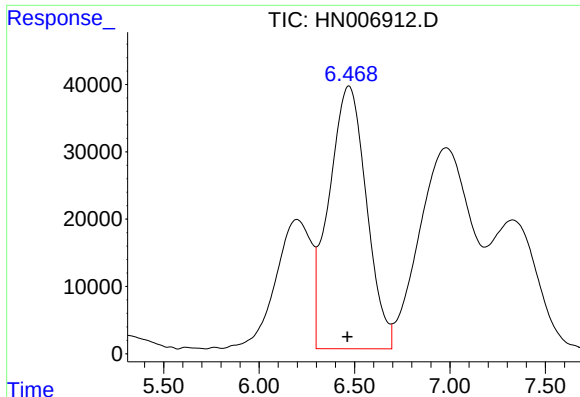
#7 Nitrobenzene

R.T.: 4.713 min  
Delta R.T.: -0.005 min  
Response: 5087577  
Conc: 523.01 ug/L



#8 Tetryl

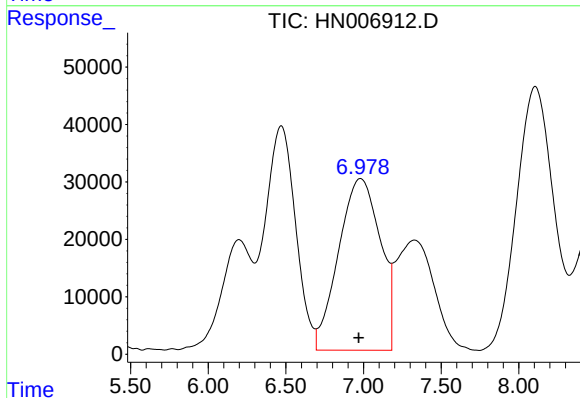
R.T.: 6.198 min  
Delta R.T.: 0.005 min  
Response: 2504891  
Conc: 546.76 ug/L



#9 2,4,6-Trinitrotoluene

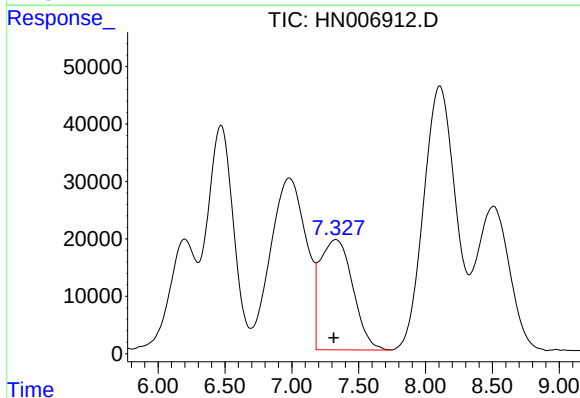
R.T.: 6.470 min  
Delta R.T.: 0.008 min  
Response: 5333896  
Conc: 524.31 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500



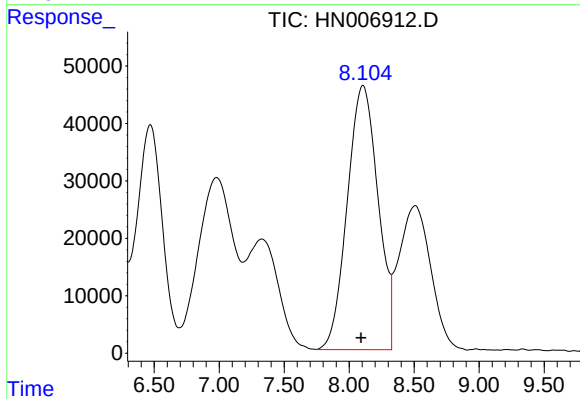
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.980 min  
Delta R.T.: 0.010 min  
Response: 5587325  
Conc: 507.26 ug/L



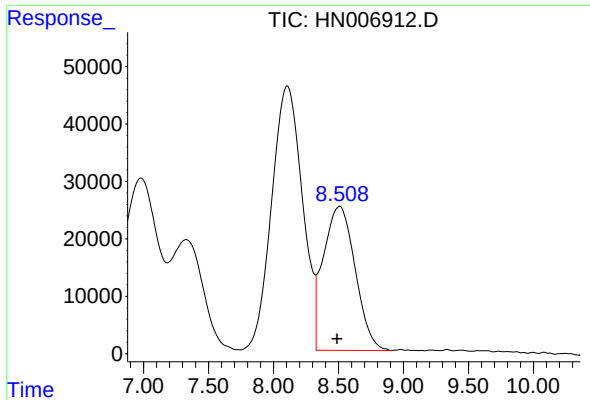
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.328 min  
Delta R.T.: 0.015 min  
Response: 3268032  
Conc: 575.21 ug/L



#12 2,4-Dinitrotoluene

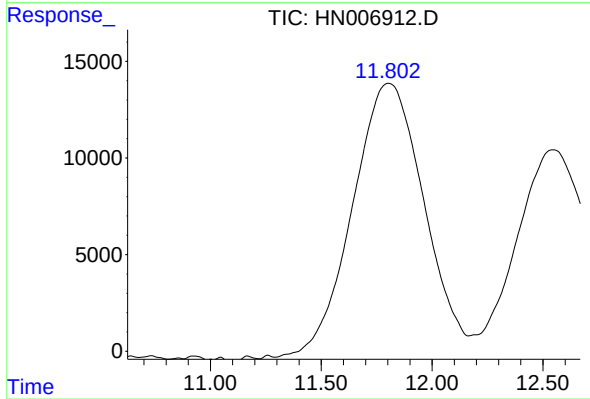
R.T.: 8.106 min  
Delta R.T.: 0.015 min  
Response: 7587355  
Conc: 508.65 ug/L



#13 2,6-Dinitrotoluene

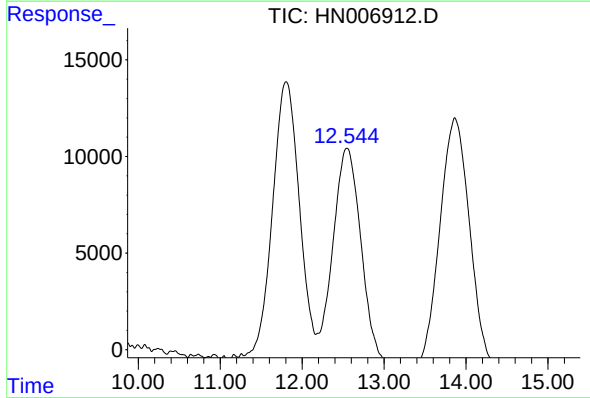
R.T.: 8.507 min  
Delta R.T.: 0.019 min  
Response: 4271512  
Conc: 530.24 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500



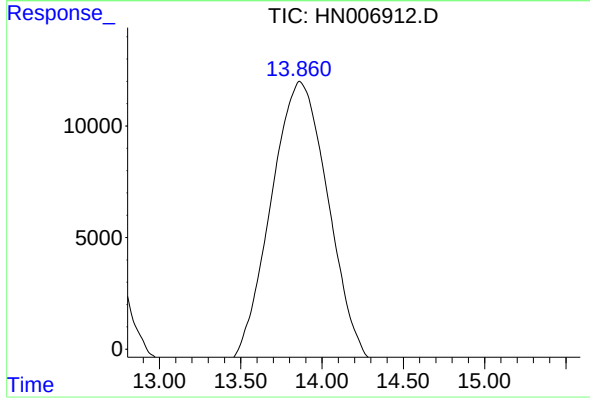
#14 2-Nitrotoluene

R.T.: 11.805 min  
Delta R.T.: 0.041 min  
Response: 3384135  
Conc: 529.09 ug/L



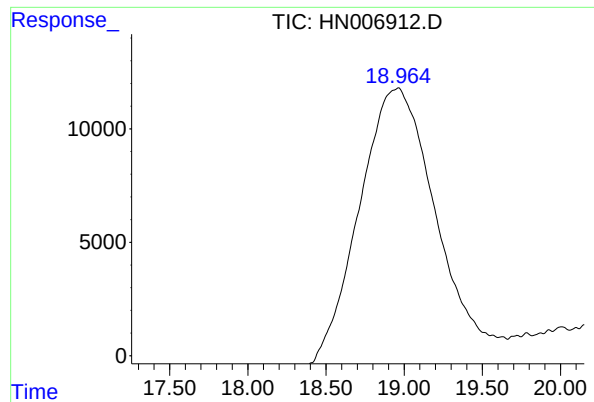
#15 4-Nitrotoluene

R.T.: 12.547 min  
Delta R.T.: 0.046 min  
Response: 2709647  
Conc: 509.83 ug/L



#16 3-Nitrotoluene

R.T.: 13.864 min  
Delta R.T.: 0.000 min  
Response: 3559855  
Conc: 512.01 ug/L



#17 PETN

R.T.: 18.949 min  
Delta R.T.: 0.018 min  
Response: 3971742  
Conc: 470.94 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
HSTDCCC0500