

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN102314\  
 Data File : HN006543.D  
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH  
 Acq On : 24-Oct-2014, 12:26  
 Operator : HNP  
 Sample : F4368-09MS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 YS19-SB40-1014MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 02:17:09 2015  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN100214.M  
 Quant Title :  
 QLast Update : Mon Mar 09 14:56:25 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            | 1.304  | 602521   | 176.838 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.876  | 536724   | 119.061 ug/L  |
| 3) T RDX                       | 1.695  | 660435   | 125.967 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.668  | 1391190  | 129.587 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.539  | 2209666  | 135.441 ng/ml |
| 6) T 3,5-Dinitroaniline        | 3.895  | 1641368  | 141.171 ug/L  |
| 7) T Nitrobenzene              | 4.787  | 1329137  | 131.980 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.572f | 1274460  | 116.187 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 7.074f | 1350316  | 117.295 ug/L  |
| 11) T 4-Amino-2,6-dinitroto... | 7.438f | 902793   | 147.457 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.230f | 2046100  | 132.713 ug/L  |
| 13) T 2,6-Dinitrotoluene       | 8.642f | 1157776  | 139.009 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

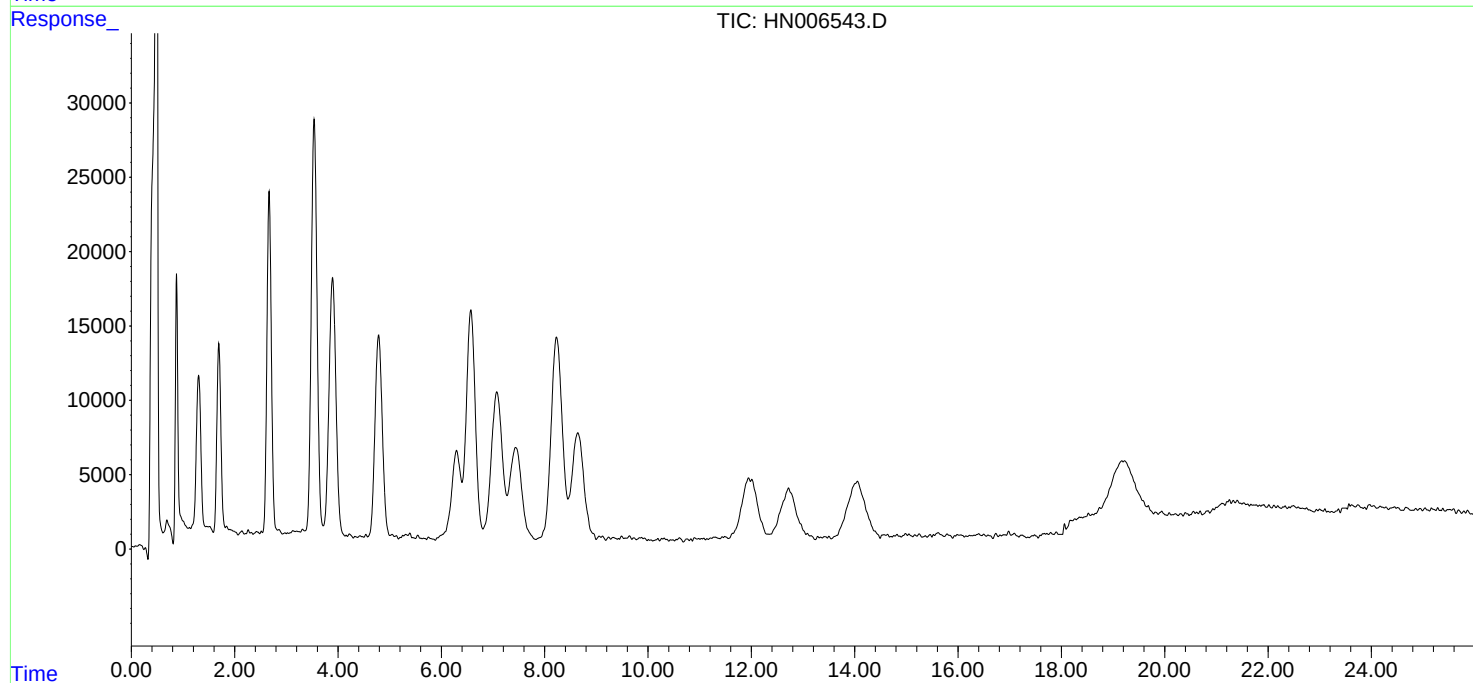
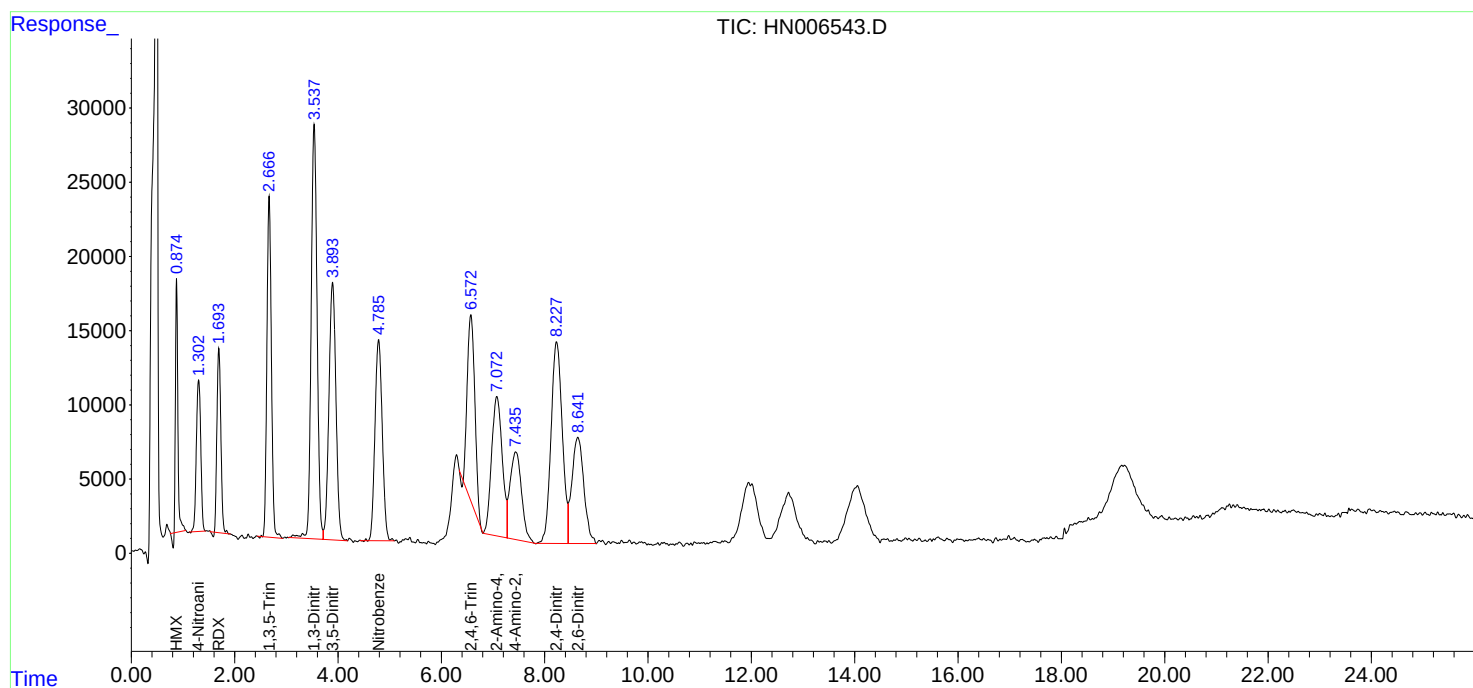
(m)=manual int.

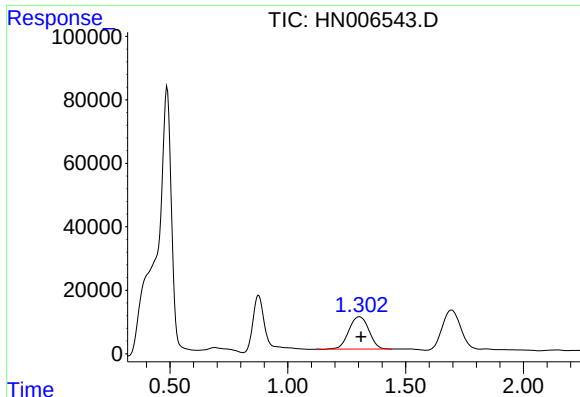
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YS19-SB40-1014MS

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Volume Inj. : 50 ul  
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Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

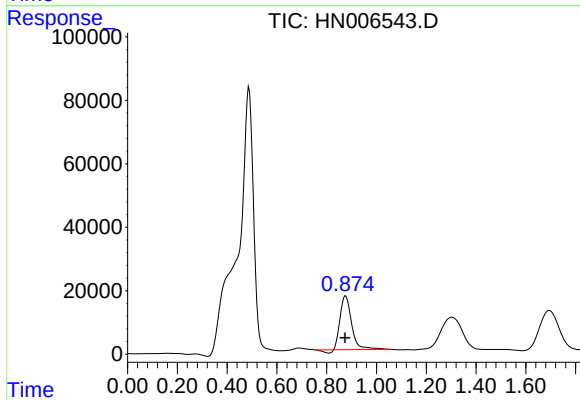




#1 4-Nitroaniline

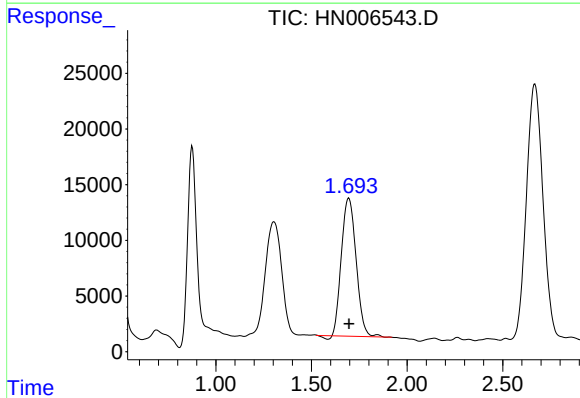
R.T.: 1.304 min  
Delta R.T.: -0.006 min  
Response: 602521  
Conc: 176.84 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
YS19-SB40-1014MS



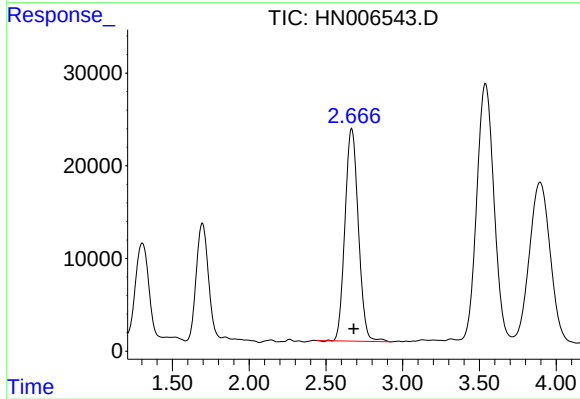
#2 HMX

R.T.: 0.876 min  
Delta R.T.: 0.003 min  
Response: 536724  
Conc: 119.06 ug/L



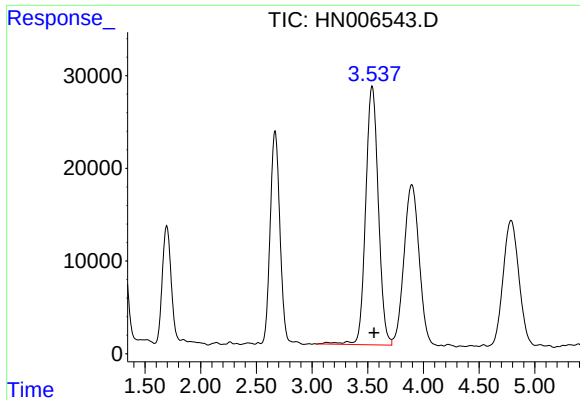
#3 RDX

R.T.: 1.695 min  
Delta R.T.: -0.002 min  
Response: 660435  
Conc: 125.97 ug/L



#4 1,3,5-Trinitrobenzene

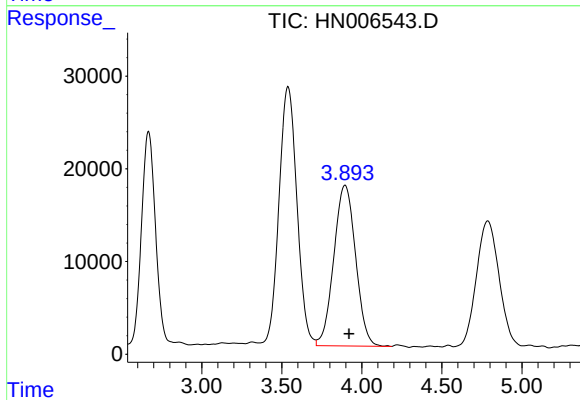
R.T.: 2.668 min  
Delta R.T.: -0.013 min  
Response: 1391190  
Conc: 129.59 ug/L



#5 1,3-Dinitrobenzene

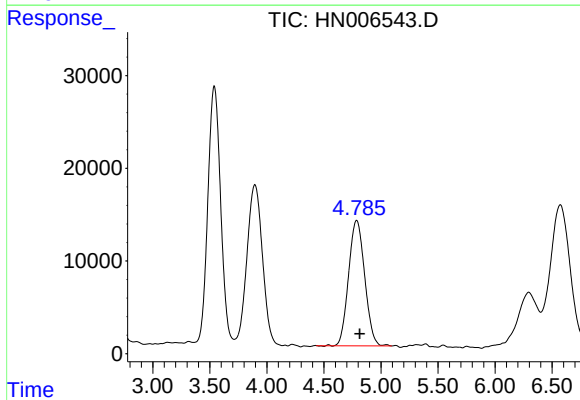
R.T.: 3.539 min  
Delta R.T.: -0.018 min  
Response: 2209666  
Conc: 135.44 ng/ml

Instrument :  
HPLC\_N  
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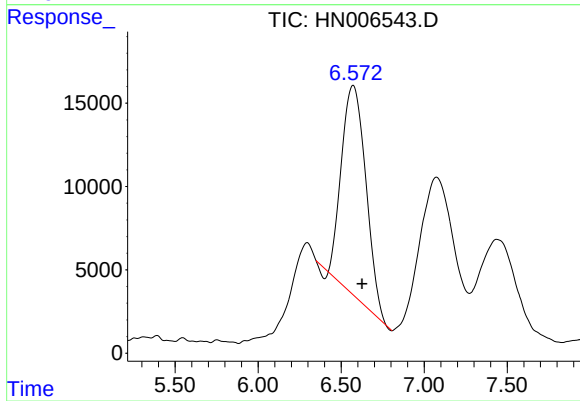
#6 3,5-Dinitroaniline

R.T.: 3.895 min  
Delta R.T.: -0.025 min  
Response: 1641368  
Conc: 141.17 ug/L



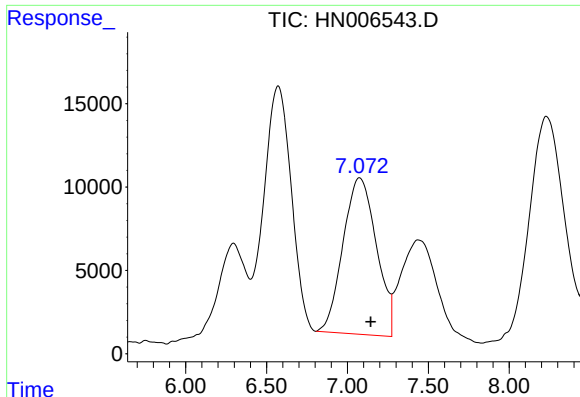
#7 Nitrobenzene

R.T.: 4.787 min  
Delta R.T.: -0.027 min  
Response: 1329137  
Conc: 131.98 ug/L



#9 2,4,6-Trinitrotoluene

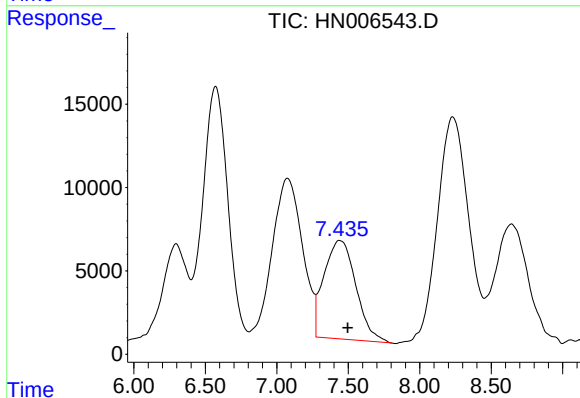
R.T.: 6.572 min  
Delta R.T.: -0.055 min  
Response: 1274460  
Conc: 116.19 ug/L



#10 2-Amino-4,6-dinitrotoluene

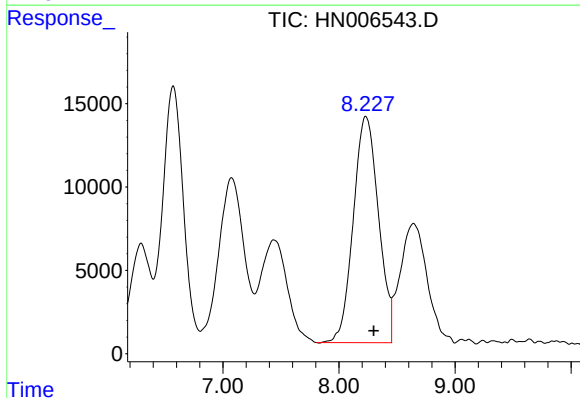
R.T.: 7.074 min  
Delta R.T.: -0.069 min  
Response: 1350316  
Conc: 117.29 ug/L

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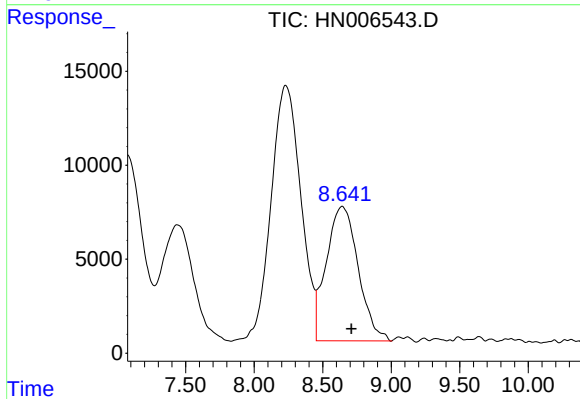
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.438 min  
Delta R.T.: -0.057 min  
Response: 902793  
Conc: 147.46 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.230 min  
Delta R.T.: -0.069 min  
Response: 2046100  
Conc: 132.71 ug/L



#13 2,6-Dinitrotoluene

R.T.: 8.642 min  
Delta R.T.: -0.069 min  
Response: 1157776  
Conc: 139.01 ug/L