

Data Path : Z:\HPCHEM1\HPLC\_N\Data\HN042914\  
 Data File : HN006008.D  
 Signal(s) : VWD1A.CH  
 Acq On : 30-Apr-2014, 01:39  
 Operator : HNP  
 Sample : F1996-01MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 FB-POD-0-5-01DUPMS

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Apr 30 12:53:56 2014  
 Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN042914.M  
 Quant Title :  
 QLast Update : Wed Apr 30 06:50:10 2014  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 50 ul  
 Signal Phase : ZORBAX Extend-C18  
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

| Compound                       | R.T.   | Response | Conc Units    |
|--------------------------------|--------|----------|---------------|
| -----                          |        |          |               |
| System Monitoring Compounds    |        |          |               |
| 1) S 4-Nitroaniline            | 1.343  | 644143   | 136.287 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.894  | 473129   | 96.458 ug/L m |
| 3) T RDX                       | 1.729  | 627902   | 107.437 ug/L  |
| 4) T 1,3,5-Trinitrobenzene     | 2.721  | 1199048  | 100.686 ug/L  |
| 5) T 1,3-Dinitrobenzene        | 3.601  | 1917450  | 106.154 ng/mL |
| 6) T 3,5-Dinitroaniline        | 3.971  | 1519001  | 114.241 ug/L  |
| 7) T Nitrobenzene              | 4.816  | 1137216  | 105.093 ug/L  |
| 8) T Tetryl                    | 6.441  | 756699   | 103.672 ug/L  |
| 9) T 2,4,6-Trinitrotoluene     | 6.706  | 1268118  | 106.103 ug/L  |
| 10) T 2-Amino-4,6-dinitroto... | 7.211  | 1173882  | 93.193 ug/L   |
| 11) T 4-Amino-2,6-dinitroto... | 7.592  | 801877   | 111.644 ug/L  |
| 12) T 2,4-Dinitrotoluene       | 8.352  | 1710563  | 97.033 ug/L   |
| 13) T 2,6-Dinitrotoluene       | 8.769  | 953202   | 107.072 ug/L  |
| 14) T 2-Nitrotoluene           | 11.995 | 854299   | 121.393 ug/L  |
| 15) T 4-Nitrotoluene           | 12.766 | 673536   | 120.016 ug/L  |
| 16) T 3-Nitrotoluene           | 14.055 | 1254235  | 88.090 ug/L m |
| 17) T PETN                     | 19.362 | 1074345  | 114.650 ug/L  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : F1996-01MS  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

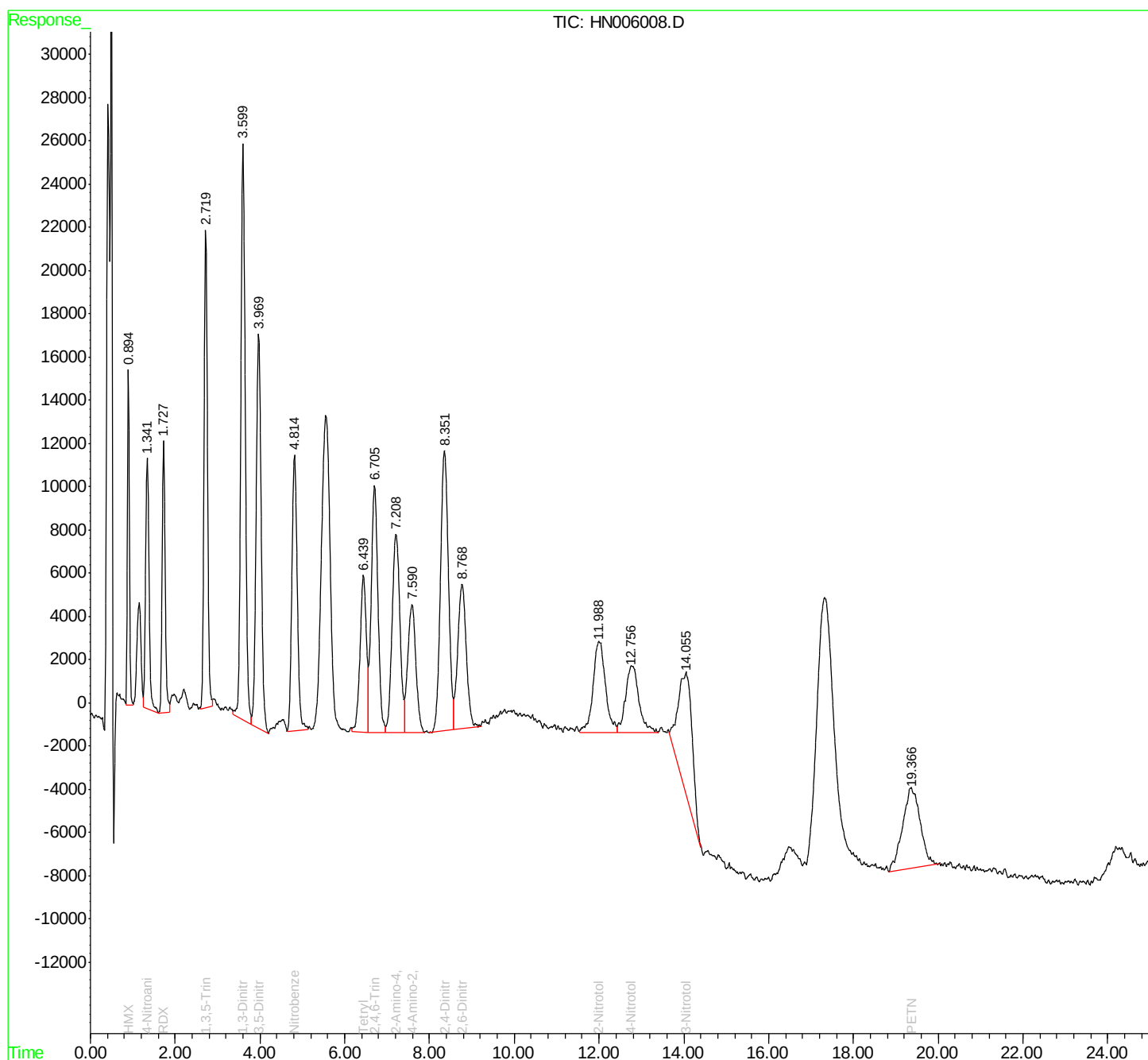
Instrument :  
HPLC\_N  
ClientSampled :  
FB-POD-0-5-01DUPMS

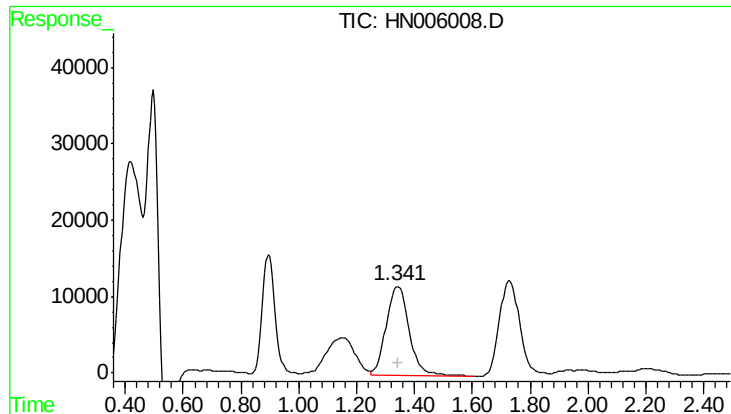
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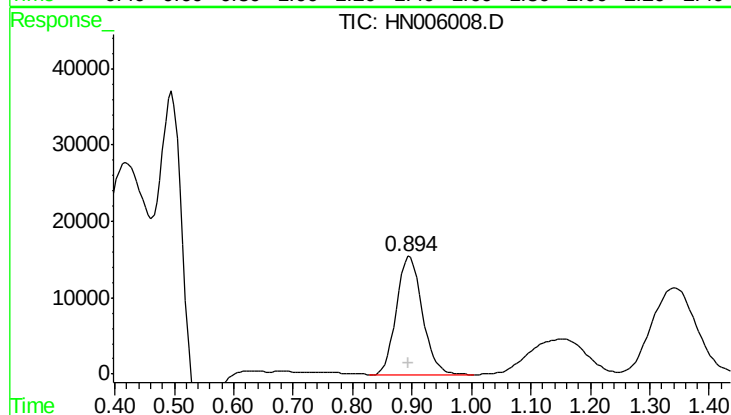
# #1 4-Nitroaniline

R.T.: 1.343 min  
 Delta R.T.: -0.001 min  
 Response: 644143  
 Conc: 136.29 ug/L

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 FB-POD-0-5-01DUPMS

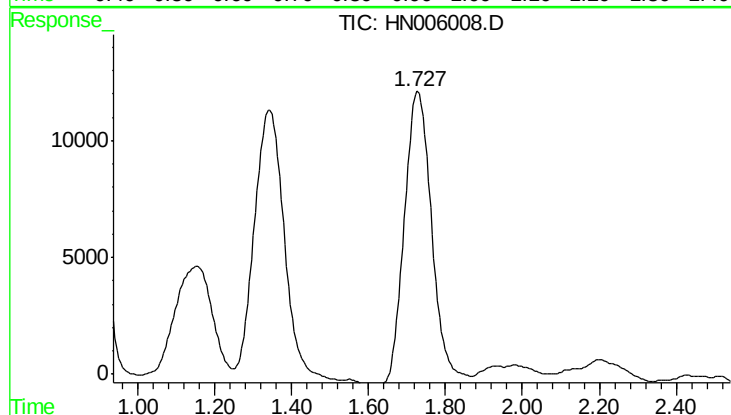
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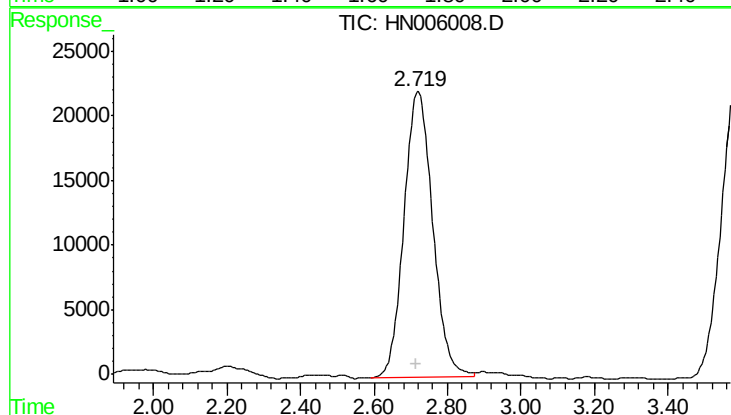
## #2 HMX

R.T.: 0.894 min  
 Delta R.T.: 0.000 min  
 Response: 473129  
 Conc: 96.46 ug/L m



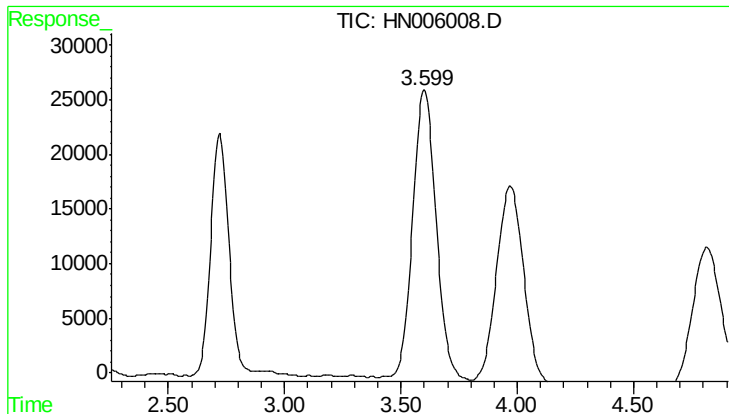
## #3 RDX

R.T.: 1.729 min  
 Delta R.T.: 0.055 min  
 Response: 627902  
 Conc: 107.44 ug/L



## #4 1,3,5-Trinitrobenzene

R.T.: 2.721 min  
 Delta R.T.: 0.006 min  
 Response: 1199048  
 Conc: 100.69 ug/L



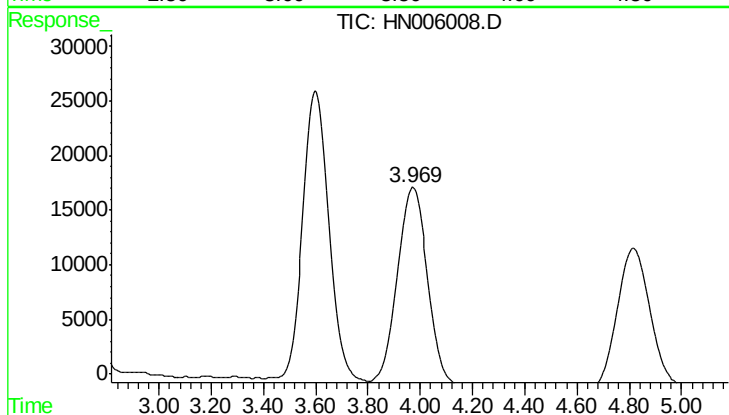
#5 1,3-Dinitrobenzene

R.T.: 3.601 min  
Delta R.T.: 0.006 min  
Response: 1917450  
Conc: 106.15 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
FB-POD-0-5-01DUPMS

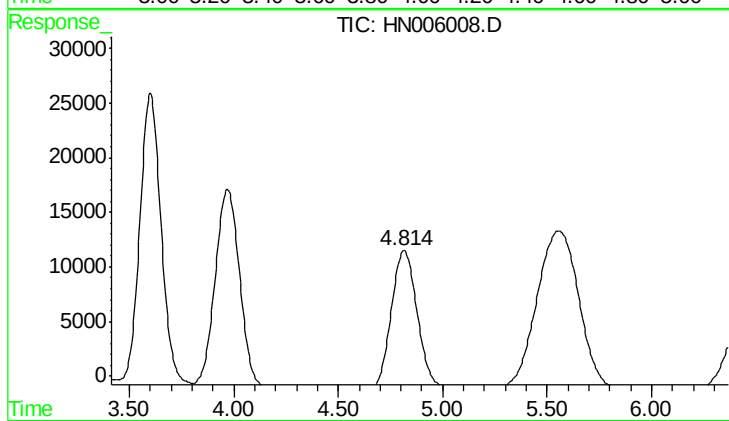
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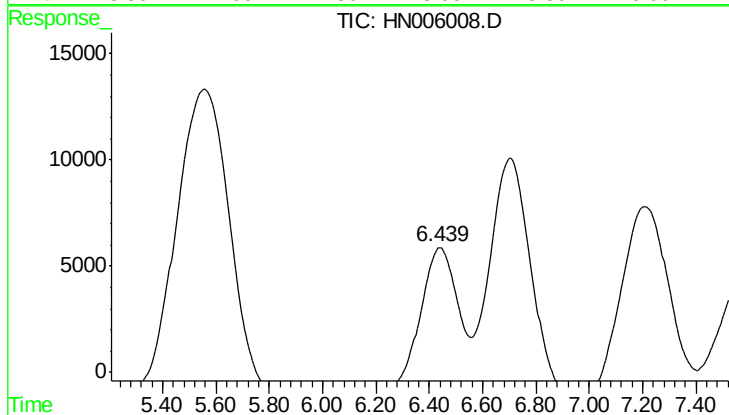
#6 3,5-Dinitroaniline

R.T.: 3.971 min  
Delta R.T.: 0.004 min  
Response: 1519001  
Conc: 114.24 ug/L



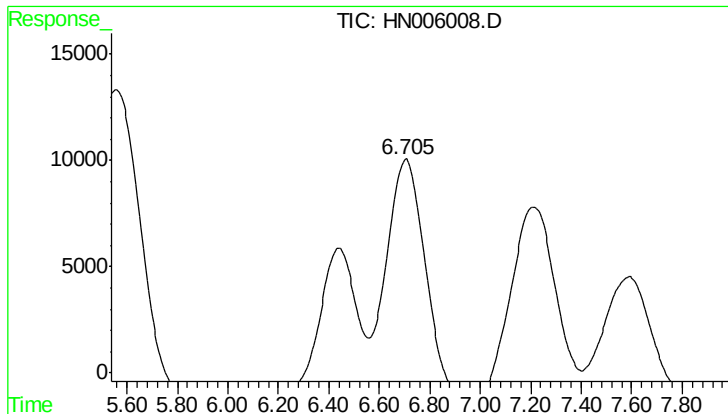
#7 Nitrobenzene

R.T.: 4.816 min  
Delta R.T.: 0.012 min  
Response: 1137216  
Conc: 105.09 ug/L



#8 Tetryl

R.T.: 6.441 min  
Delta R.T.: 0.026 min  
Response: 756699  
Conc: 103.67 ug/L



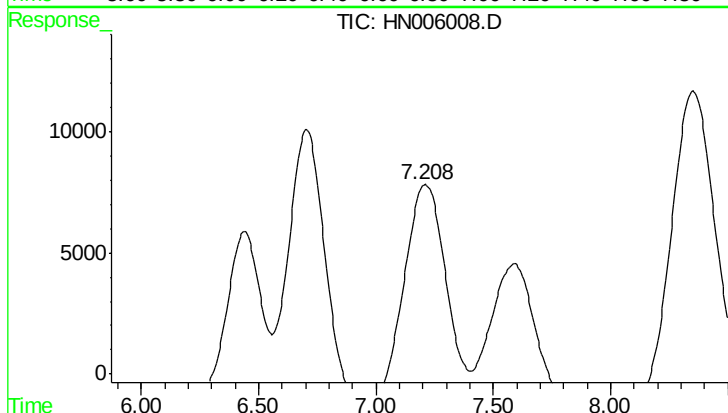
#9 2,4,6-Trinitrotoluene

R.T.: 6.706 min  
Delta R.T.: 0.026 min  
Response: 1268118  
Conc: 106.10 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
FB-POD-0-5-01DUPMS

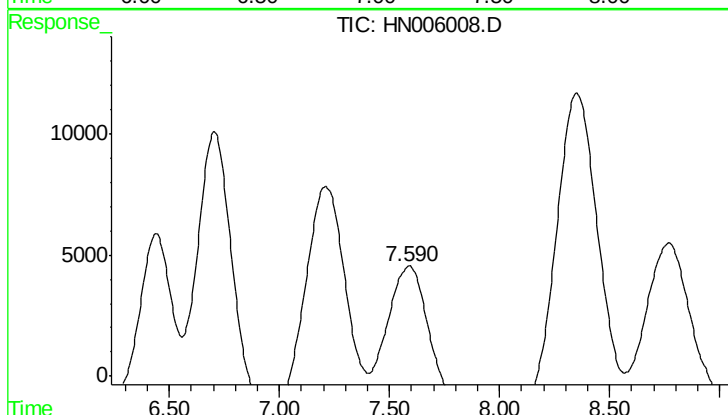
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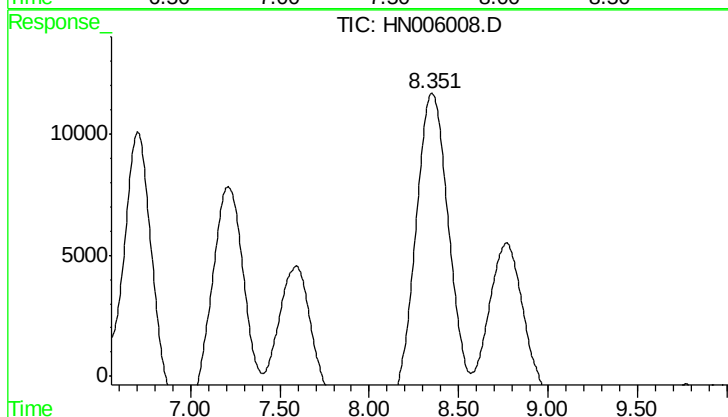
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.211 min  
Delta R.T.: 0.029 min  
Response: 1173882  
Conc: 93.19 ug/L



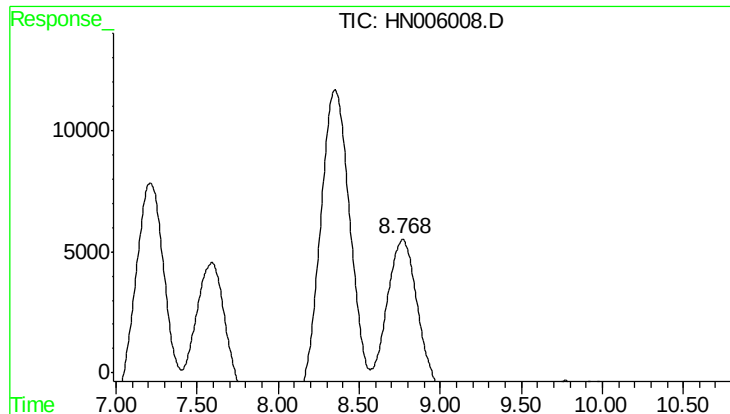
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.592 min  
Delta R.T.: 0.041 min  
Response: 801877  
Conc: 111.64 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.352 min  
Delta R.T.: 0.036 min  
Response: 1710563  
Conc: 97.03 ug/L



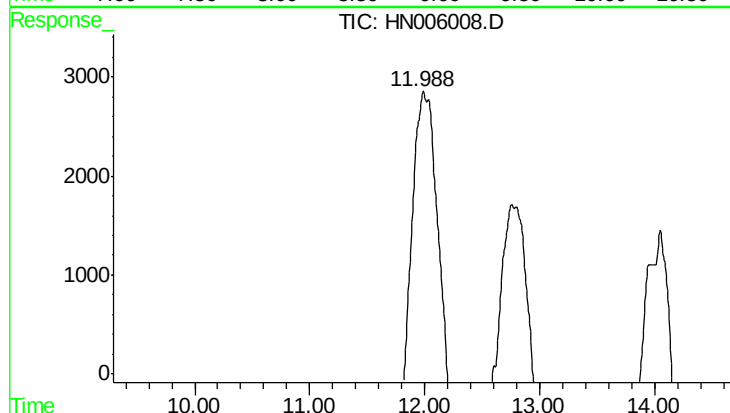
# #13 2,6-Dinitrotoluene

R.T.: 8.769 min  
 Delta R.T.: 0.041 min  
 Response: 953202  
 Conc: 107.07 ug/L

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 FB-POD-0-5-01DUPMS

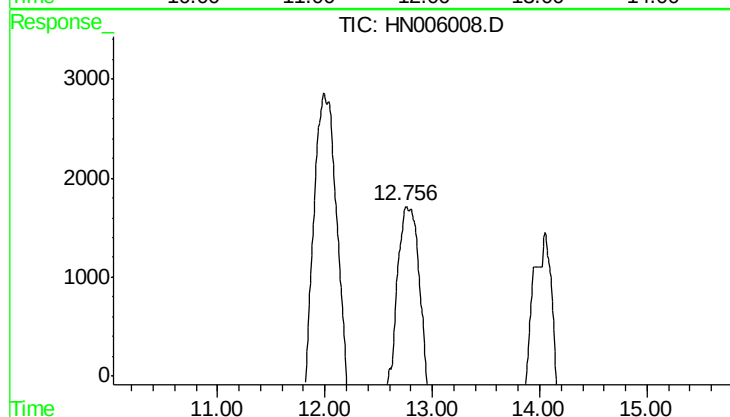
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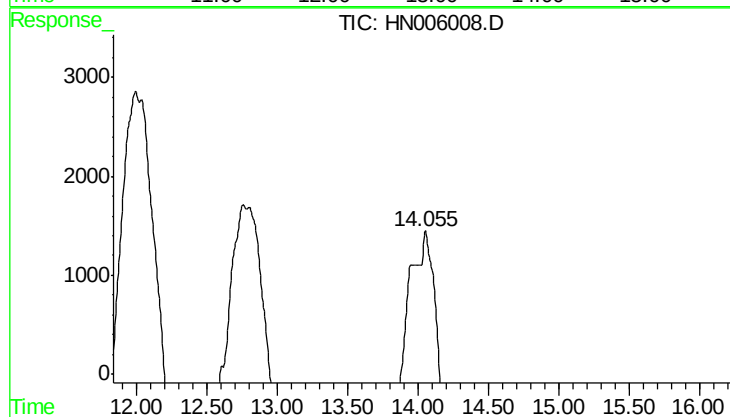
# #14 2-Nitrotoluene

R.T.: 11.995 min  
 Delta R.T.: 0.047 min  
 Response: 854299  
 Conc: 121.39 ug/L



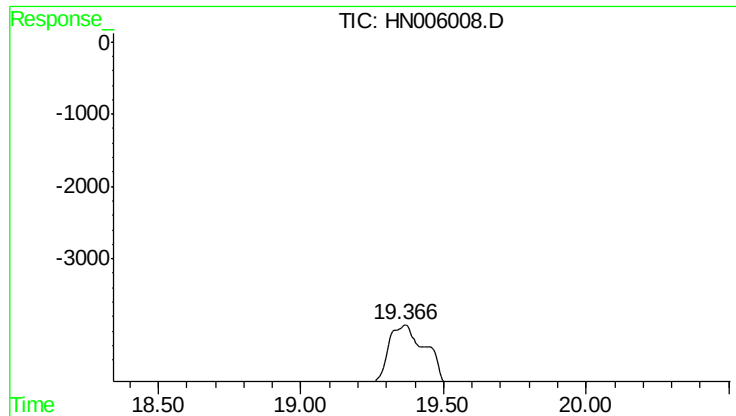
# #15 4-Nitrotoluene

R.T.: 12.766 min  
 Delta R.T.: 0.046 min  
 Response: 673536  
 Conc: 120.02 ug/L



# #16 3-Nitrotoluene

R.T.: 14.055 min  
 Delta R.T.: -0.015 min  
 Response: 1254235  
 Conc: 88.09 ug/L m



#17 PETN

R.T.: 19.362 min  
Delta R.T.: 0.003 min  
Response: 1074345  
Conc: 114.65 ug/L

Instrument :  
HPLC\_N  
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