

Data Path : S:\HPCHEM1\HPLC\_L\Data\HL052813\  
 Data File : HL005302.D  
 Signal(s) : VWD1A.CH  
 Acq On : 28-May-2013, 21:11  
 Operator : QM  
 Sample : LOQ-W-40PPB  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 LOQ-W-40PPB

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Jun 03 07:38:15 2013  
 Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL052213.M  
 Quant Title :  
 QLast Update : Thu May 23 10:06:03 2013  
 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            | 1.344  | 1250613  | 315.002 ug/L  |
| Target Compounds               |        |          |               |
| 2) T HMX                       | 0.901  | 202522   | 44.649 ug/L   |
| 3) T RDX                       | 1.751  | 213056   | 40.212 ug/L   |
| 4) T 1,3,5-Trinitrobenzene     | 2.750  | 484014   | 44.741 ug/L m |
| 5) T 1,3-Dinitrobenzene        | 3.669  | 669669   | 43.378 ng/mlm |
| 6) T 3,5-Dinitroaniline        | 4.040  | 613563   | 45.350 ug/L m |
| 7) T Nitrobenzene              | 4.922  | 426399   | 41.625 ug/L m |
| 8) T Tetryl                    | 6.610  | 295104   | 43.851 ug/L m |
| 9) T 2,4,6-Trinitrotoluene     | 6.824  | 461118   | 40.958 ug/L   |
| 10) T 2-Amino-4,6-dinitroto... | 7.403  | 387408   | 36.157 ug/L m |
| 11) T 4-Amino-2,6-dinitroto... | 7.803  | 303680   | 54.459 ug/L m |
| 12) T 2,4-Dinitrotoluene       | 8.564  | 657363   | 43.430 ug/L   |
| 13) T 2,6-Dinitrotoluene       | 9.024  | 377958   | 46.476 ug/L   |
| 14) T 2-Nitrotoluene           | 12.451 | 305710   | 43.099 ug/L m |
| 15) T 4-Nitrotoluene           | 13.224 | 246742   | 44.111 ug/L m |
| 16) T 3-Nitrotoluene           | 14.548 | 296599   | 44.737 ug/L m |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 28-May-2013, 21:11  
Operator : QM  
Sample : LOQ-W-40PPB  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

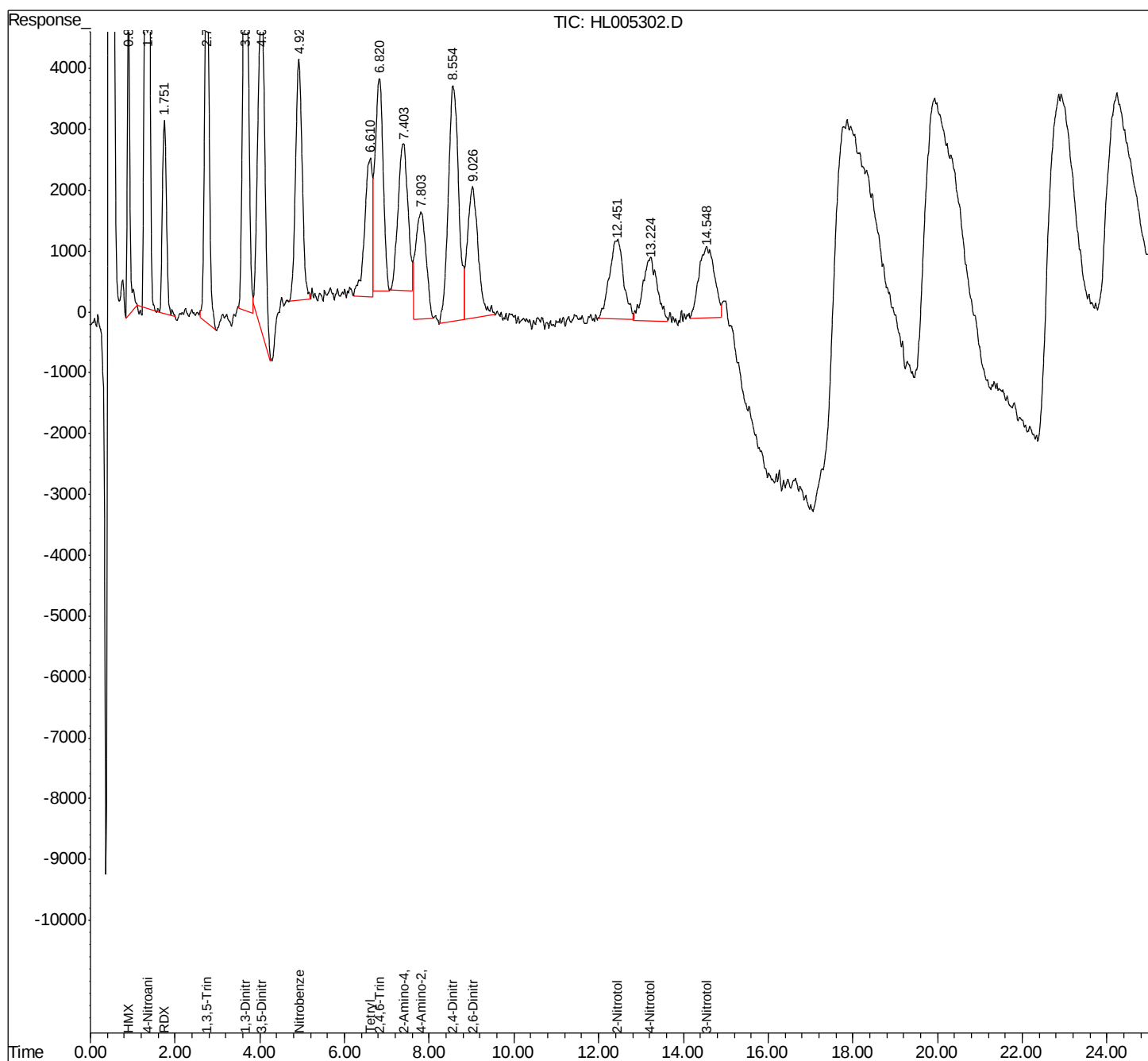
Instrument :  
HPLC\_L  
ClientSampleId :  
LOQ-W-40PPB

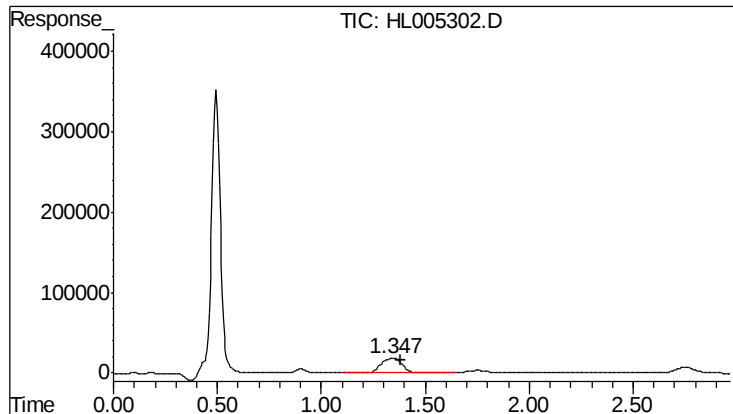
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Signal Info : 4.6 X 100mm 3.5-Micron 80A





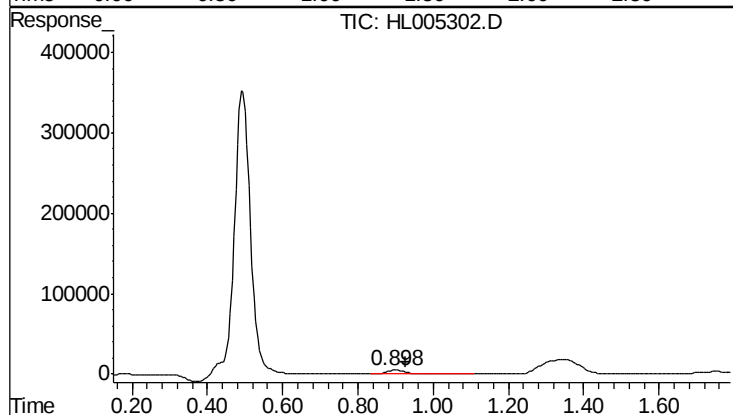
# #1 4-Nitroaniline

R.T.: 1.344 min  
 Delta R.T.: -0.038 min  
 Response: 1250613  
 Conc: 315.00 ug/L

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 LOQ-W-40PPB

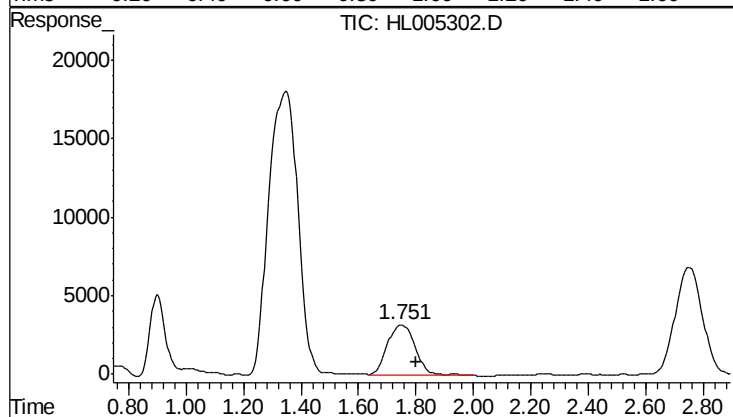
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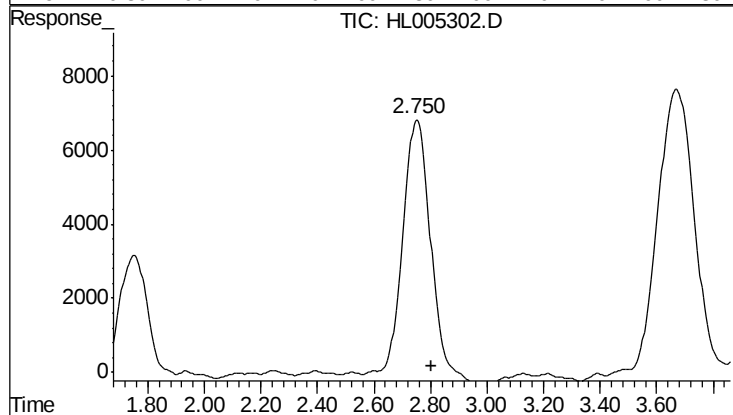
# #2 HMX

R.T.: 0.901 min  
 Delta R.T.: -0.025 min  
 Response: 202522  
 Conc: 44.65 ug/L



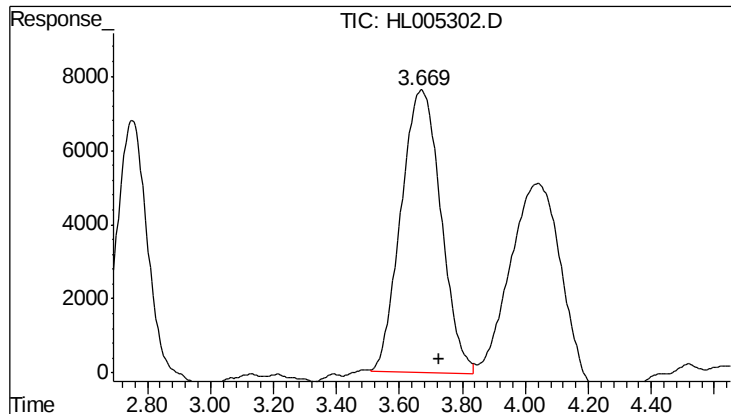
# #3 RDX

R.T.: 1.751 min  
 Delta R.T.: -0.052 min  
 Response: 213056  
 Conc: 40.21 ug/L



# #4 1,3,5-Trinitrobenzene

R.T.: 2.750 min  
 Delta R.T.: -0.055 min  
 Response: 484014  
 Conc: 44.74 ug/L



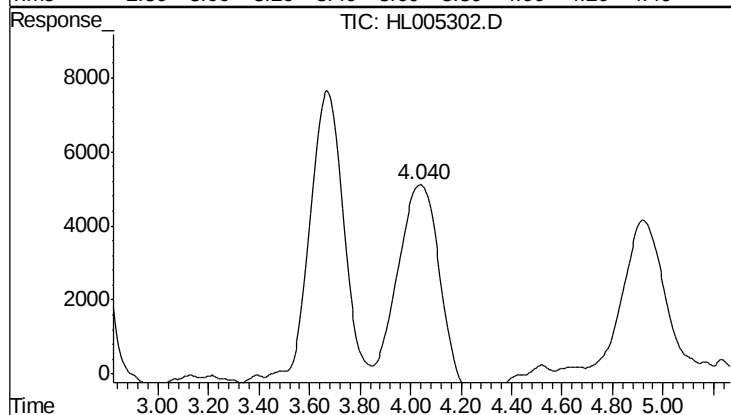
#5 1,3-Dinitrobenzene

R.T.: 3.669 min  
Delta R.T.: -0.058 min  
Response: 669669  
Conc: 43.38 ng/ml

Instrument :  
HPLC\_L  
ClientSampleId :  
LOQ-W-40PPB

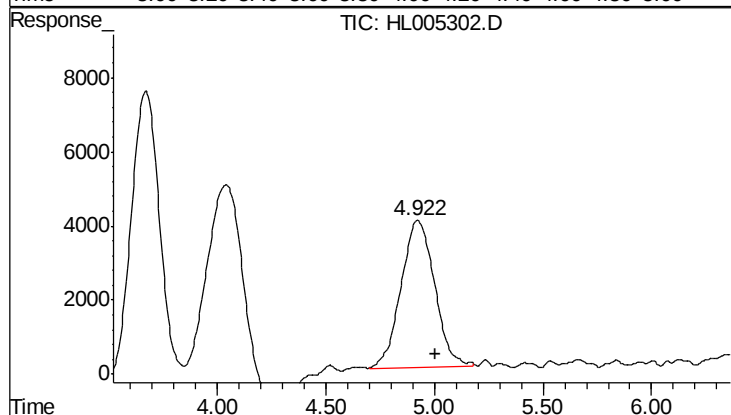
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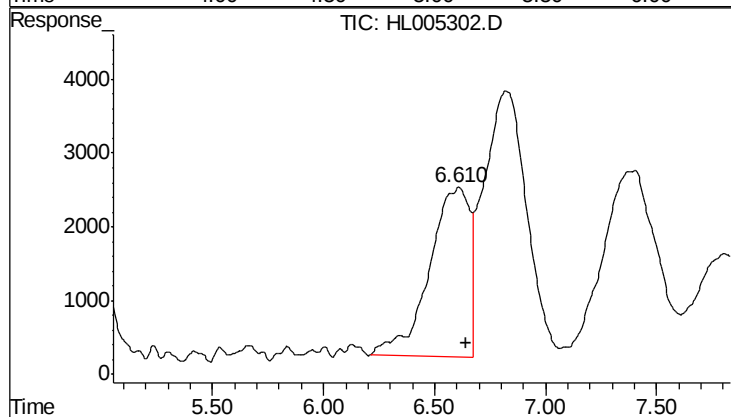
#6 3,5-Dinitroaniline

R.T.: 4.040 min  
Delta R.T.: -0.062 min  
Response: 613563  
Conc: 45.35 ug/L m



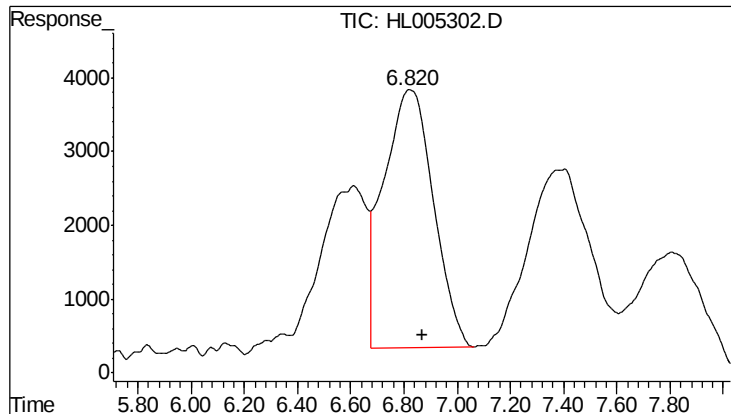
#7 Nitrobenzene

R.T.: 4.922 min  
Delta R.T.: -0.082 min  
Response: 426399  
Conc: 41.63 ug/L m



#8 Tetryl

R.T.: 6.610 min  
Delta R.T.: -0.031 min  
Response: 295104  
Conc: 43.85 ug/L m



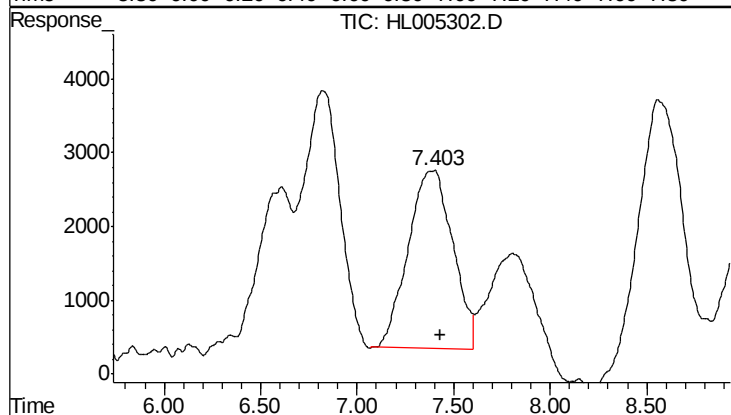
#9 2,4,6-Trinitrotoluene

R.T.: 6.824 min  
Delta R.T.: -0.045 min  
Response: 461118  
Conc: 40.96 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
LOQ-W-40PPB

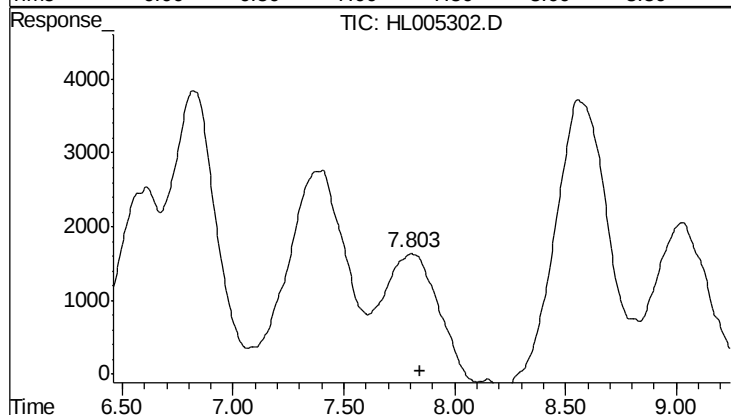
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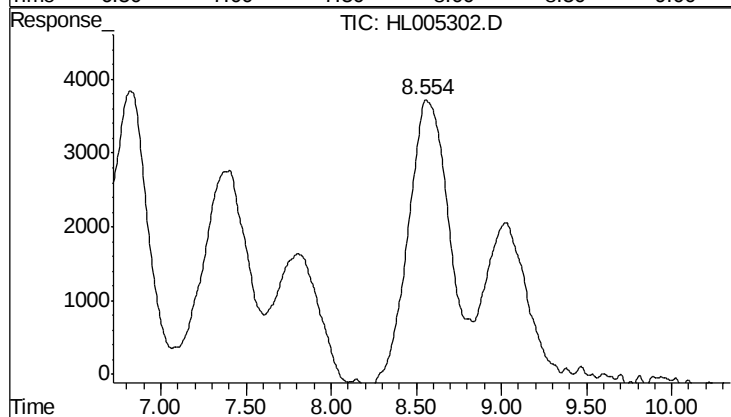
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.403 min  
Delta R.T.: -0.029 min  
Response: 387408  
Conc: 36.16 ug/L m



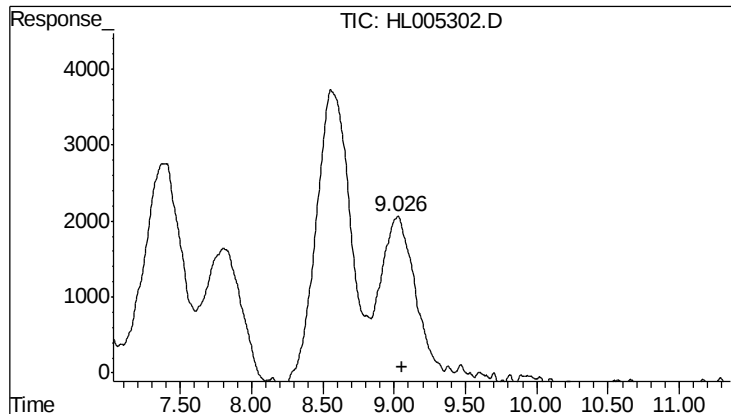
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.803 min  
Delta R.T.: -0.042 min  
Response: 303680  
Conc: 54.46 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.564 min  
Delta R.T.: -0.047 min  
Response: 657363  
Conc: 43.43 ug/L



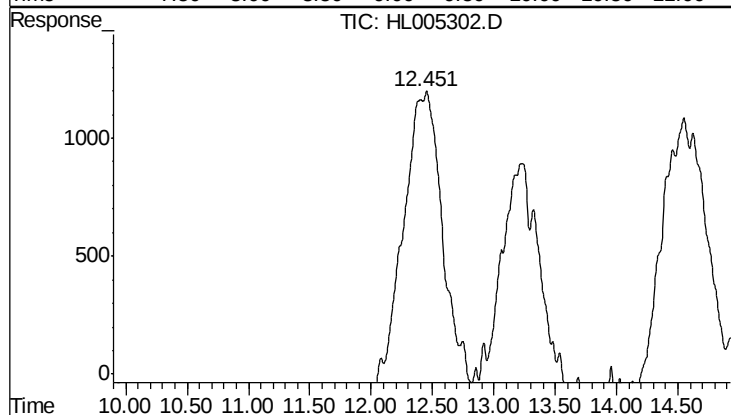
# #13 2,6-Dinitrotoluene

R.T.: 9.024 min  
 Delta R.T.: -0.032 min  
 Response: 377958  
 Conc: 46.48 ug/L

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 LOQ-W-40PPB

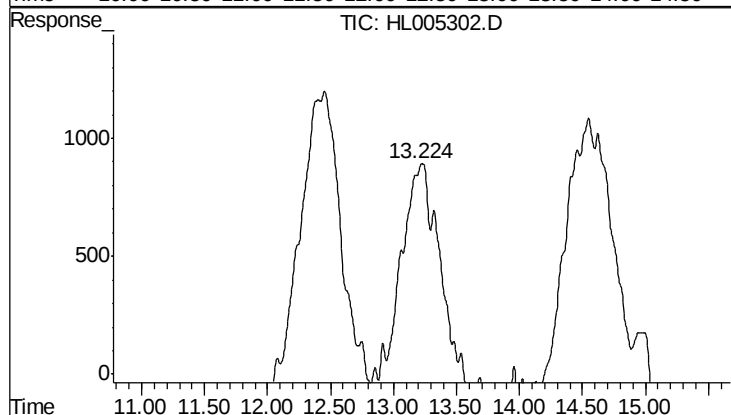
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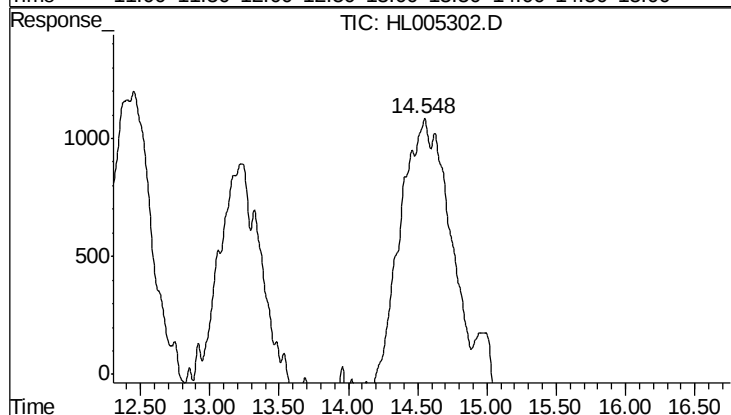
# #14 2-Nitrotoluene

R.T.: 12.451 min  
 Delta R.T.: -0.068 min  
 Response: 305710  
 Conc: 43.10 ug/L m



# #15 4-Nitrotoluene

R.T.: 13.224 min  
 Delta R.T.: -0.102 min  
 Response: 246742  
 Conc: 44.11 ug/L m



# #16 3-Nitrotoluene

R.T.: 14.548 min  
 Delta R.T.: -0.113 min  
 Response: 296599  
 Conc: 44.74 ug/L m