

Data Path : Z:\HPCHEM1\HPLC\_L\Data\HL020613\  
 Data File : HL005015.D  
 Signal(s) : VWD1A.CH  
 Acq On : 06-Feb-2013, 17:40  
 Operator : QM  
 Sample : MDL-W-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 08 07:46:53 2013  
 Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL020613.M  
 Quant Title :  
 QLast Update : Thu Feb 07 11:25:51 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           | 1.452  | 1191947  | 311.204 ug/L  |
| Target Compounds            |                          |        |          |               |
| 2) T                        | HMX                      | 0.968  | 38477    | 9.228 ug/L m  |
| 3) T                        | RDX                      | 1.877  | 48339    | 10.112 ug/L m |
| 4) T                        | 1,3,5-Trinitrobenzene    | 2.947  | 77842    | 7.425 ug/L m  |
| 5) T                        | 1,3-Dinitrobenzene       | 3.925  | 156581   | 10.213 ug/L m |
| 6) T                        | Nitrobenzene             | 5.287  | 63473    | 6.663 ug/L m  |
| 7) T                        | Tetryl                   | 6.729  | 35776    | 5.480 ug/L m  |
| 8) T                        | 2,4,6-Trinitrotoluene    | 7.264  | 109630   | 9.877 ug/L m  |
| 9) T                        | 2-Amino-4,6-dinitroto... | 7.815  | 110210   | 10.035 ug/L m |
| 10) T                       | 4-Amino-2,6-dinitroto... | 8.284  | 87648    | 13.800 ug/L m |
| 11) T                       | 2,4-Dinitrotoluene       | 9.088  | 136629   | 9.278 ug/L m  |
| 12) T                       | 2,6-Dinitrotoluene       | 9.637  | 82856    | 11.065 ug/L m |
| 13) T                       | 2-Nitrotoluene           | 13.167 | 72097    | 10.522 ug/L m |
| 14) T                       | 4-Nitrotoluene           | 14.116 | 56113    | 10.101 ug/L m |
| 15) T                       | 3-Nitrotoluene           | 15.515 | 79792    | 11.897 ug/L m |
| -----                       |                          |        |          |               |

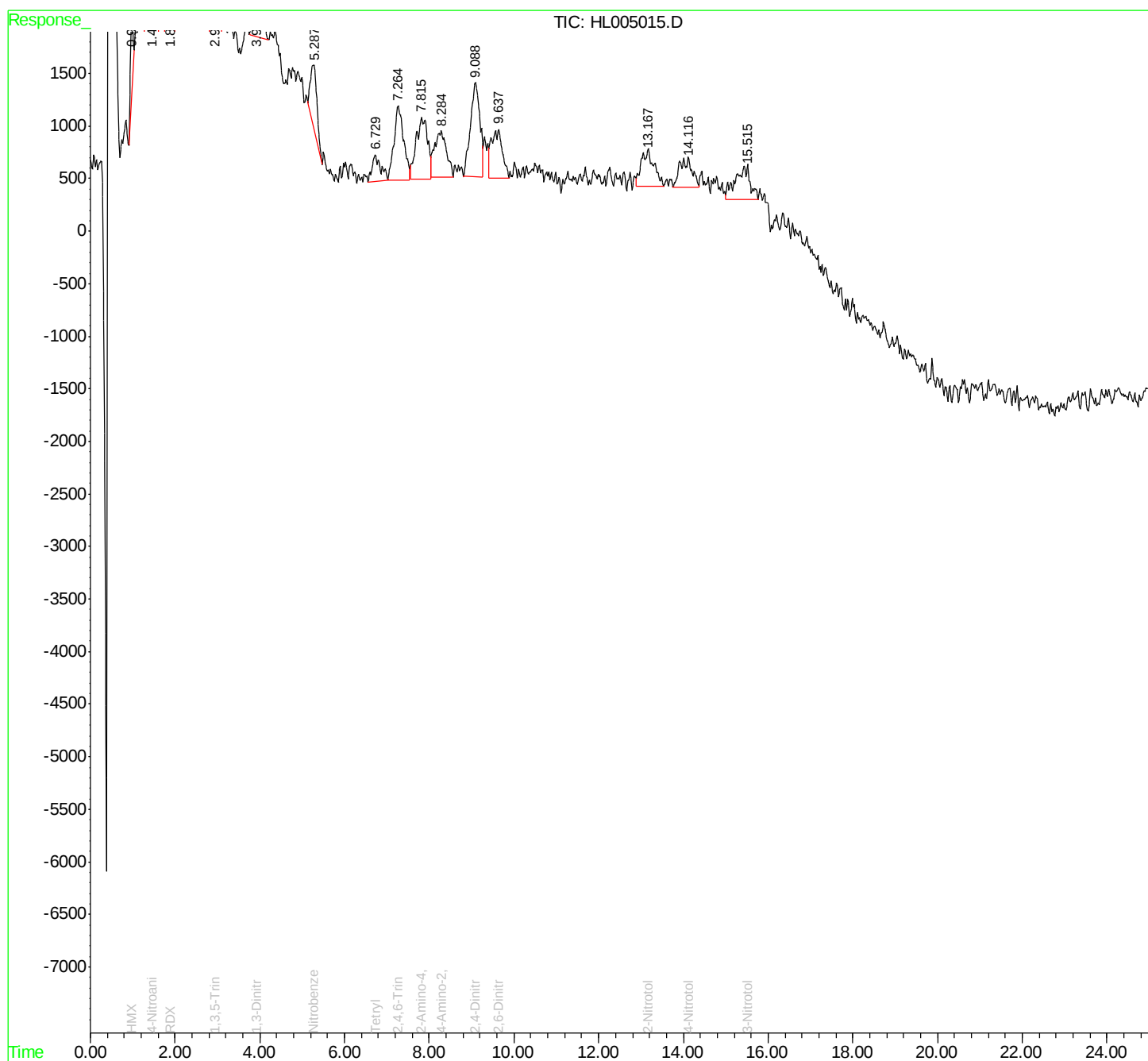
(f)=RT Delta > 1/2 Window

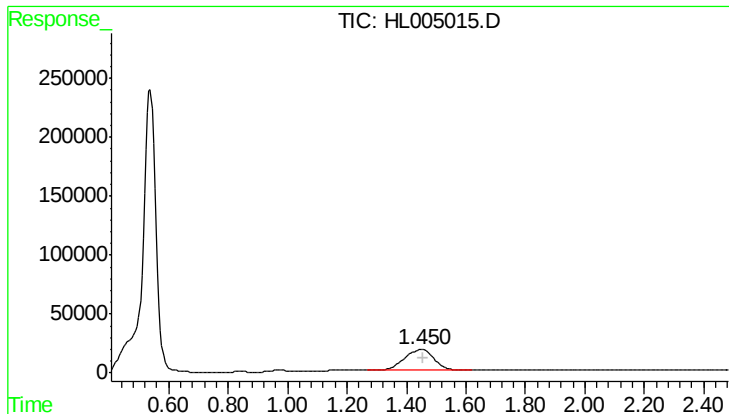
(m)=manual int.

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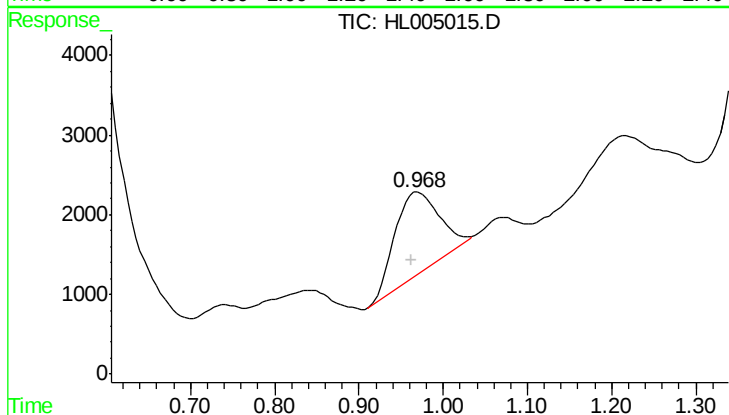
Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





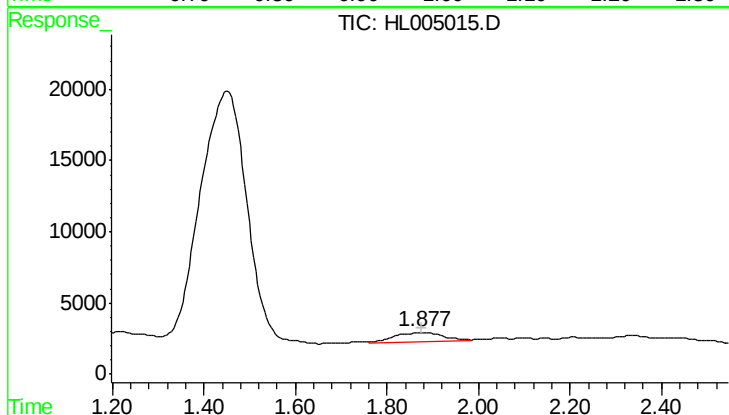
#1 4-Nitroaniline

R.T.: 1.452 min  
Delta R.T.: -0.002 min  
Response: 1191947  
Conc: 311.20 ug/L



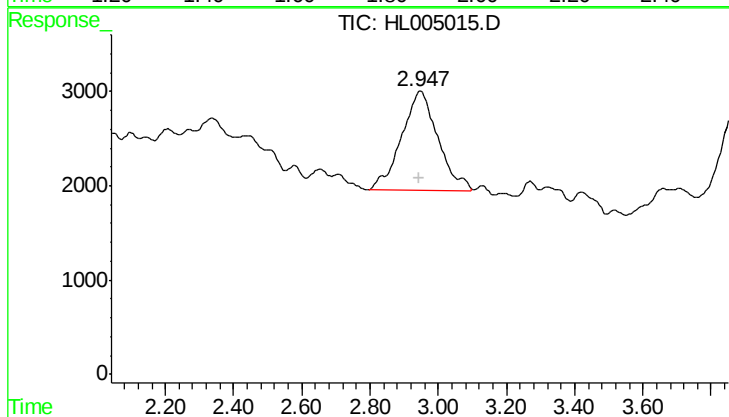
#2 HMX

R.T.: 0.968 min  
Delta R.T.: 0.005 min  
Response: 38477  
Conc: 9.23 ug/L m



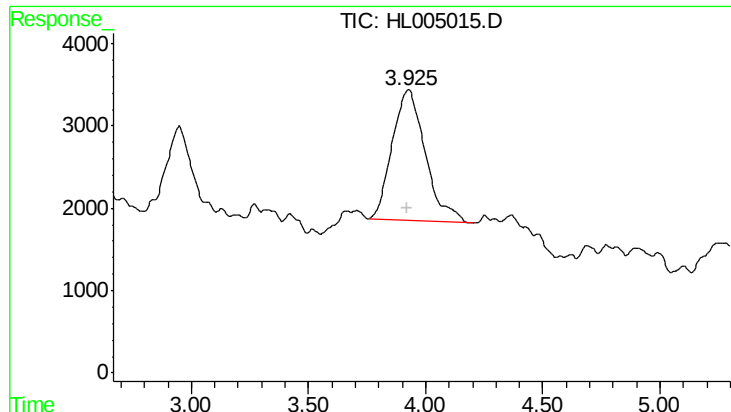
#3 RDX

R.T.: 1.877 min  
Delta R.T.: 0.001 min  
Response: 48339  
Conc: 10.11 ug/L m



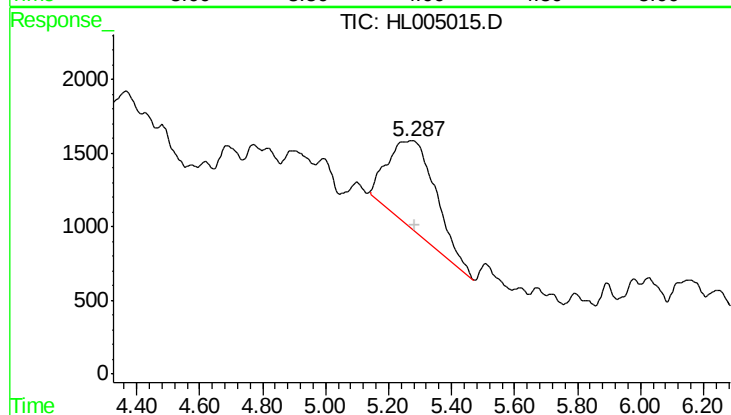
#4 1,3,5-Trinitrobenzene

R.T.: 2.947 min  
Delta R.T.: 0.002 min  
Response: 77842  
Conc: 7.43 ug/L m



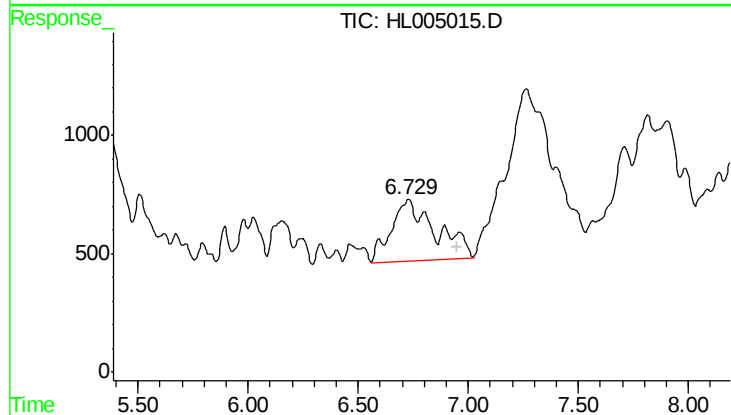
#5 1,3-Dinitrobenzene

R.T.: 3.925 min  
Delta R.T.: 0.003 min  
Response: 156581  
Conc: 10.21 ug/L m



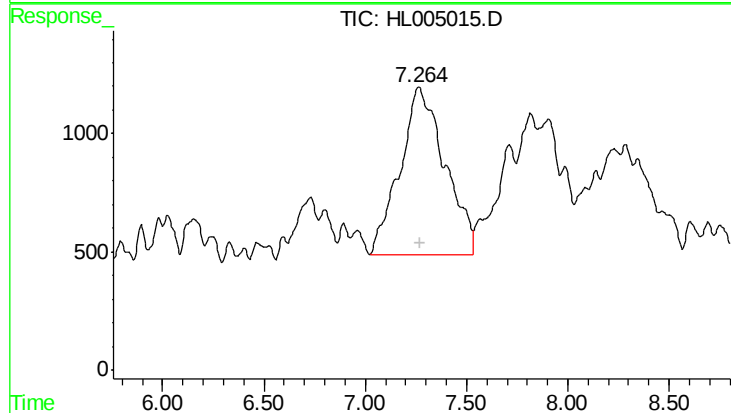
#6 Nitrobenzene

R.T.: 5.287 min  
Delta R.T.: 0.004 min  
Response: 63473  
Conc: 6.66 ug/L m



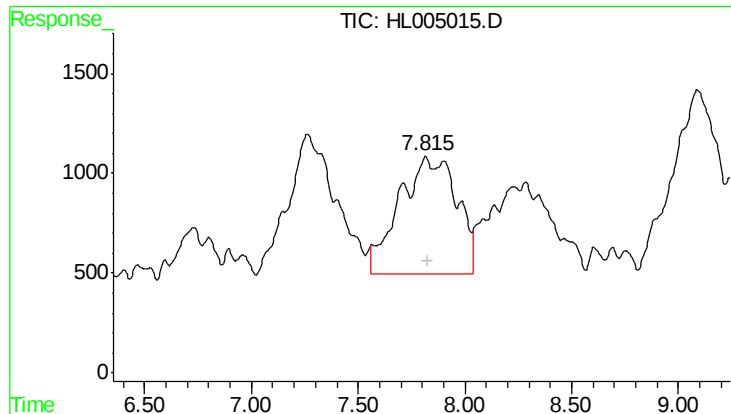
#7 Tetryl

R.T.: 6.729 min  
Delta R.T.: -0.221 min  
Response: 35776  
Conc: 5.48 ug/L m



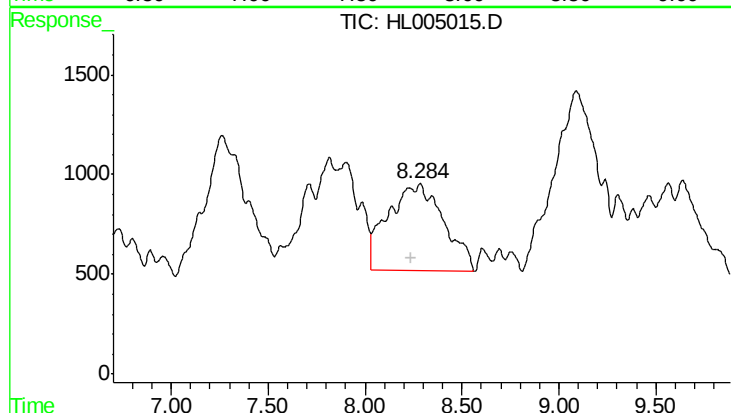
#8 2,4,6-Trinitrotoluene

R.T.: 7.264 min  
Delta R.T.: -0.004 min  
Response: 109630  
Conc: 9.88 ug/L m



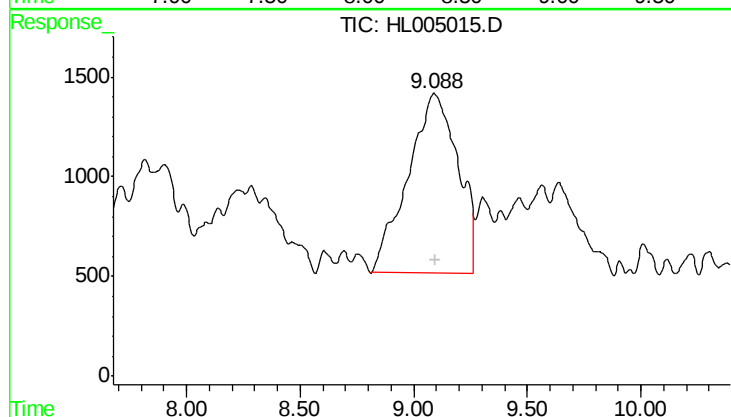
#9 2-Amino-4,6-dinitrotoluene

R.T.: 7.815 min  
Delta R.T.: -0.013 min  
Response: 110210  
Conc: 10.04 ug/L m



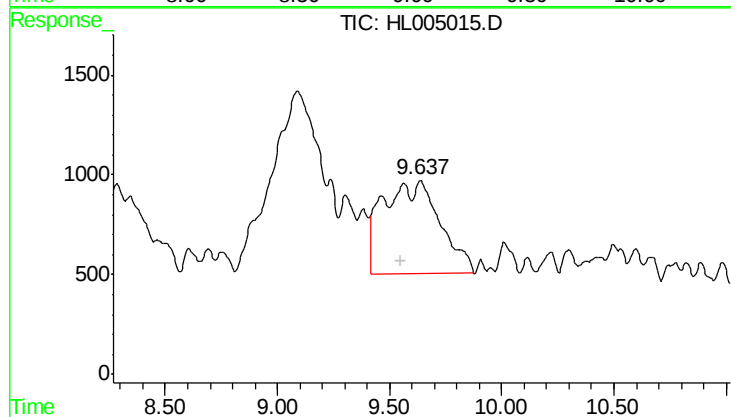
#10 4-Amino-2,6-dinitrotoluene

R.T.: 8.284 min  
Delta R.T.: 0.044 min  
Response: 87648  
Conc: 13.80 ug/L m



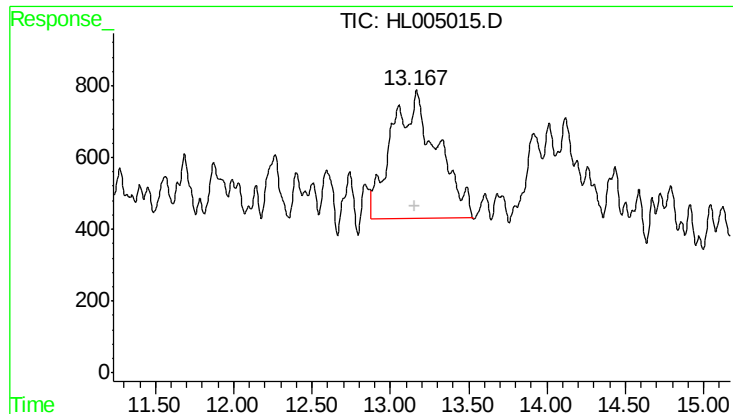
#11 2,4-Dinitrotoluene

R.T.: 9.088 min  
Delta R.T.: -0.005 min  
Response: 136629  
Conc: 9.28 ug/L m



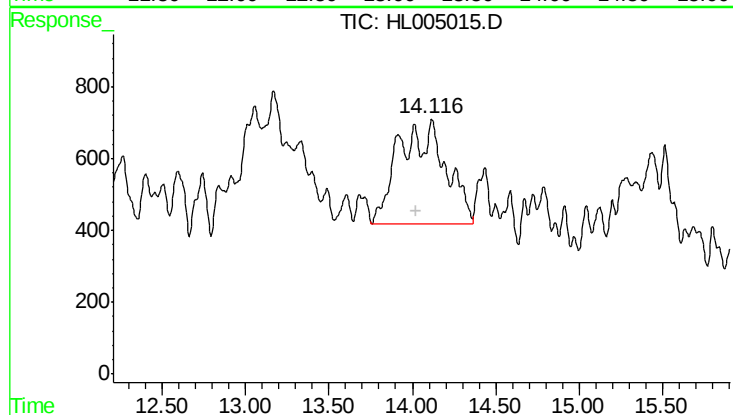
#12 2,6-Dinitrotoluene

R.T.: 9.637 min  
Delta R.T.: 0.086 min  
Response: 82856  
Conc: 11.07 ug/L m



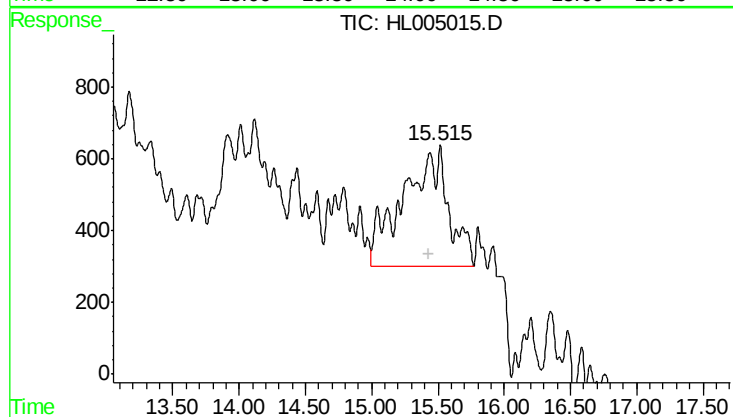
#13 2-Nitrotoluene

R.T.: 13.167 min  
Delta R.T.: 0.010 min  
Response: 72097  
Conc: 10.52 ug/L m



#14 4-Nitrotoluene

R.T.: 14.116 min  
Delta R.T.: 0.094 min  
Response: 56113  
Conc: 10.10 ug/L m



#15 3-Nitrotoluene

R.T.: 15.515 min  
Delta R.T.: 0.084 min  
Response: 79792  
Conc: 11.90 ug/L m