

Data Path : Z:\HPCHEM1\HPLC\_L\Data\HL020613\  
 Data File : HL005022.D  
 Signal(s) : VWD1A.CH  
 Acq On : 06-Feb-2013, 20:49  
 Operator : QM  
 Sample : MDL-S-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 08 07:47:30 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           | 1.451  | 604404   | 157.803 ug/L m |
| Target Compounds            |                          |        |          |                |
| 2) T                        | HMX                      | 0.960  | 41071    | 9.850 ug/L m   |
| 3) T                        | RDX                      | 1.857  | 47370    | 9.910 ug/L m   |
| 4) T                        | 1,3,5-Trinitrobenzene    | 2.952  | 91433    | 8.722 ug/L m   |
| 5) T                        | 1,3-Dinitrobenzene       | 3.916  | 184550   | 12.037 ug/L m  |
| 6) T                        | Nitrobenzene             | 5.277  | 99231    | 10.417 ug/L m  |
| 7) T                        | Tetryl                   | 6.741  | 25971    | 3.978 ug/L m   |
| 8) T                        | 2,4,6-Trinitrotoluene    | 7.271  | 120324   | 10.840 ug/L m  |
| 9) T                        | 2-Amino-4,6-dinitroto... | 7.857  | 110519   | 10.064 ug/L m  |
| 10) T                       | 4-Amino-2,6-dinitroto... | 8.207  | 71073    | 11.190 ug/L m  |
| 11) T                       | 2,4-Dinitrotoluene       | 9.135  | 154357   | 10.481 ug/L m  |
| 12) T                       | 2,6-Dinitrotoluene       | 9.487  | 95189    | 12.712 ug/L m  |
| 13) T                       | 2-Nitrotoluene           | 13.115 | 82215    | 11.998 ug/L m  |
| 14) T                       | 4-Nitrotoluene           | 13.898 | 69427    | 12.498 ug/L m  |
| 15) T                       | 3-Nitrotoluene           | 15.476 | 83444    | 12.441 ug/L m  |
| -----                       |                          |        |          |                |

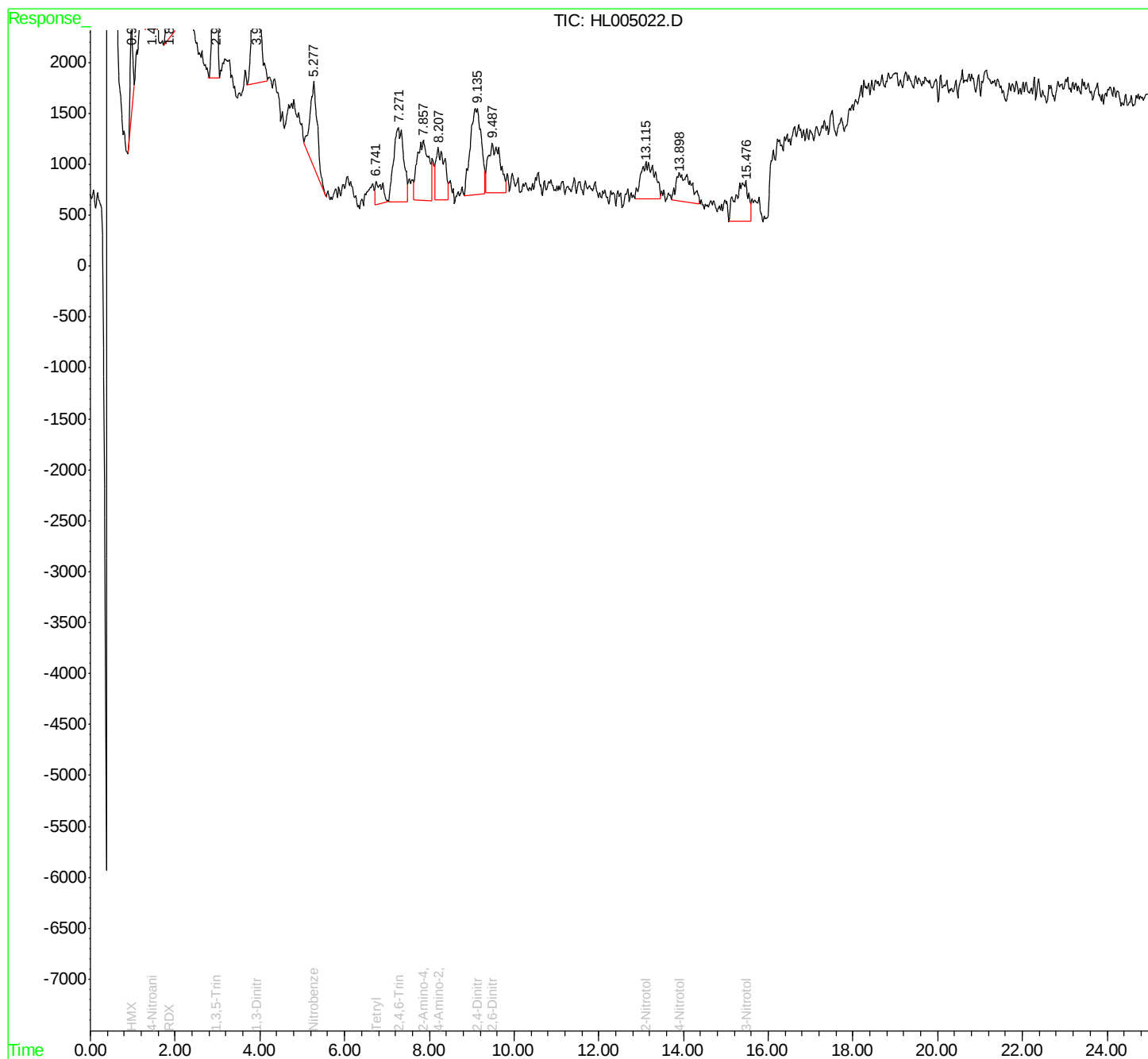
(f)=RT Delta > 1/2 Window

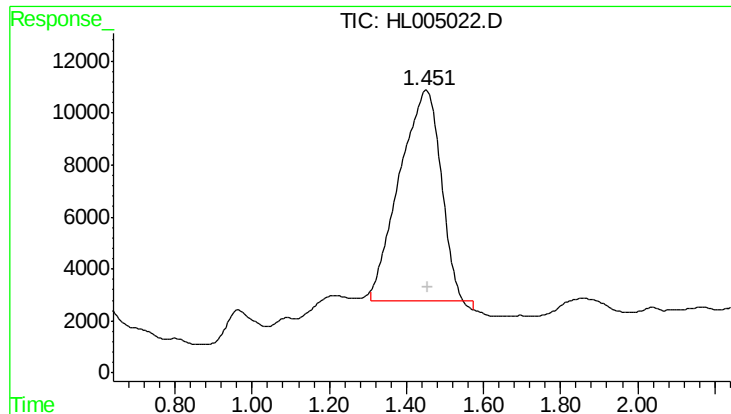
(m)=manual int.

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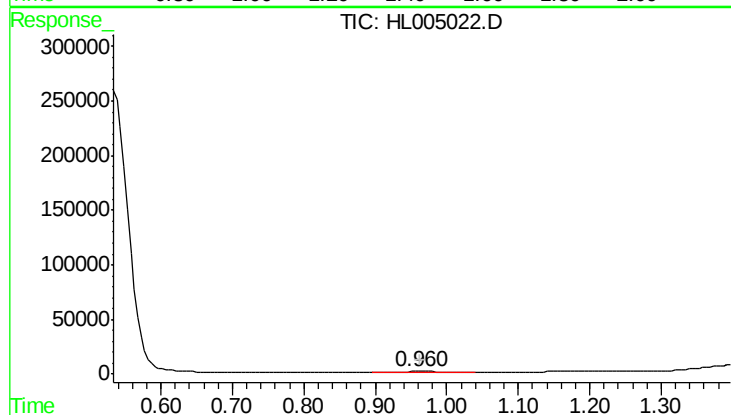
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Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





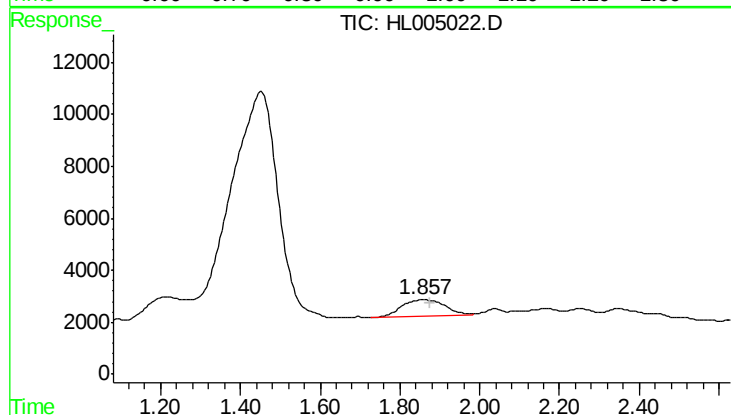
#1 4-Nitroaniline

R.T.: 1.451 min  
Delta R.T.: -0.003 min  
Response: 604404  
Conc: 157.80 ug/L m



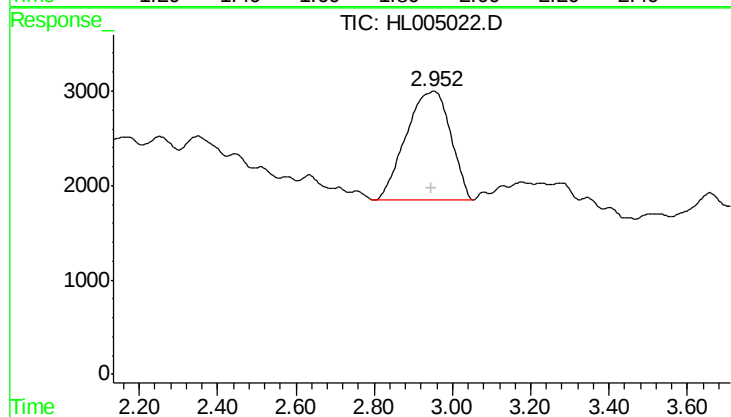
#2 HMX

R.T.: 0.960 min  
Delta R.T.: -0.003 min  
Response: 41071  
Conc: 9.85 ug/L m



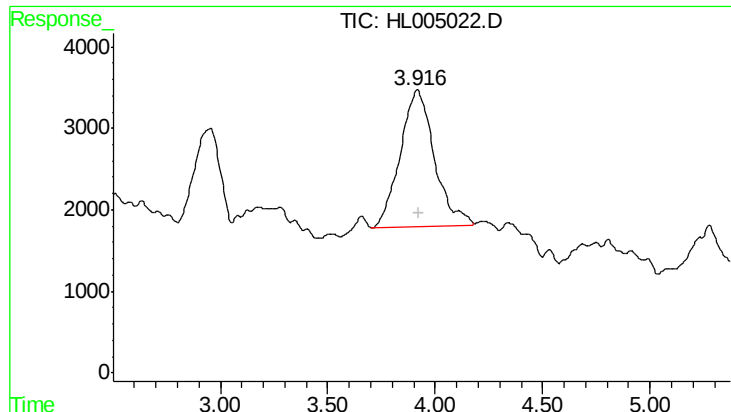
#3 RDX

R.T.: 1.857 min  
Delta R.T.: -0.019 min  
Response: 47370  
Conc: 9.91 ug/L m



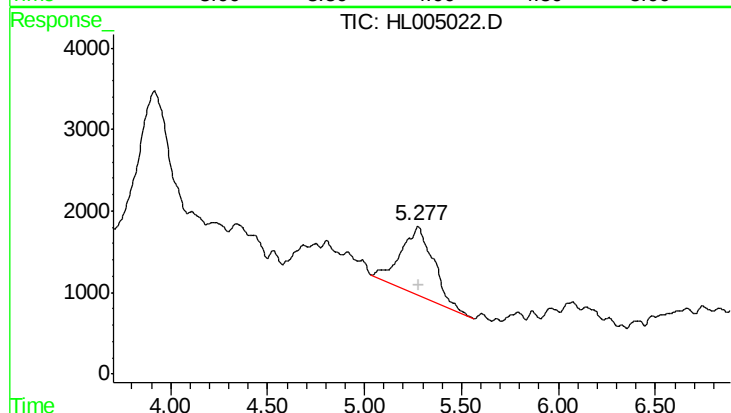
#4 1,3,5-Trinitrobenzene

R.T.: 2.952 min  
Delta R.T.: 0.007 min  
Response: 91433  
Conc: 8.72 ug/L m



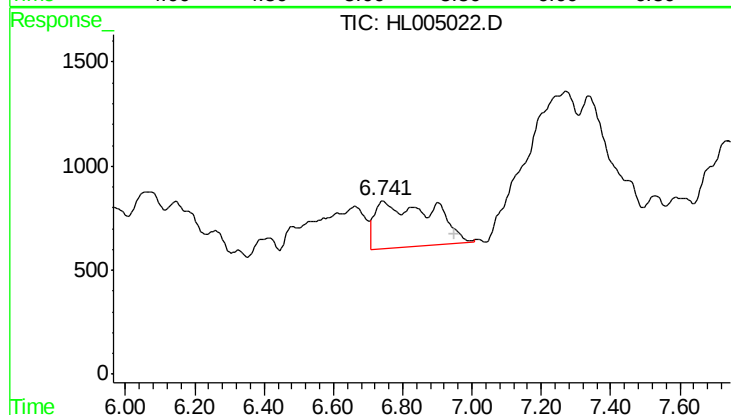
#5 1,3-Dinitrobenzene

R.T.: 3.916 min  
Delta R.T.: -0.007 min  
Response: 184550  
Conc: 12.04 ug/L m



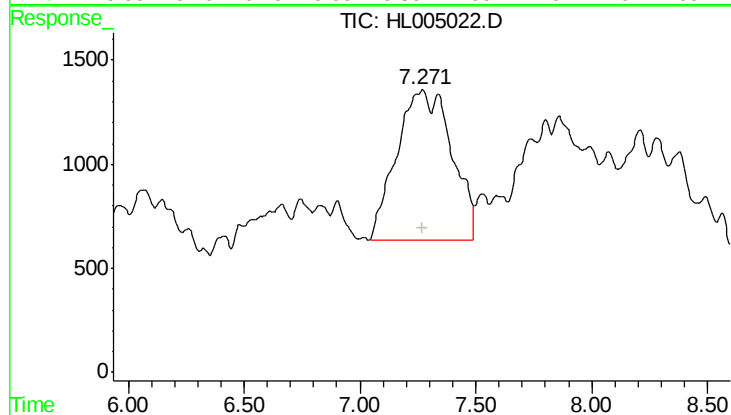
#6 Nitrobenzene

R.T.: 5.277 min  
Delta R.T.: -0.006 min  
Response: 99231  
Conc: 10.42 ug/L m



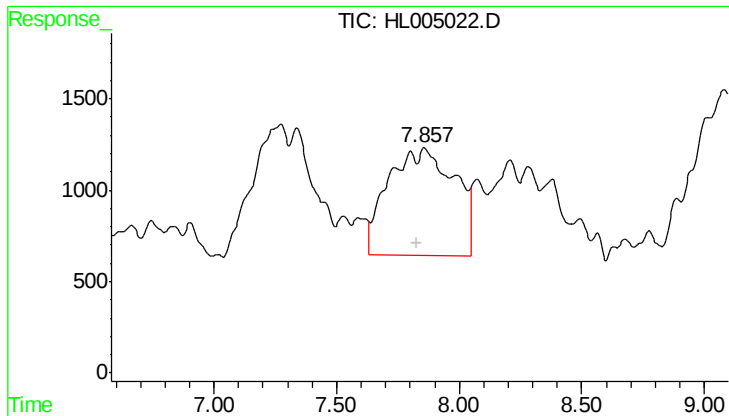
#7 Tetryl

R.T.: 6.741 min  
Delta R.T.: -0.210 min  
Response: 25971  
Conc: 3.98 ug/L m



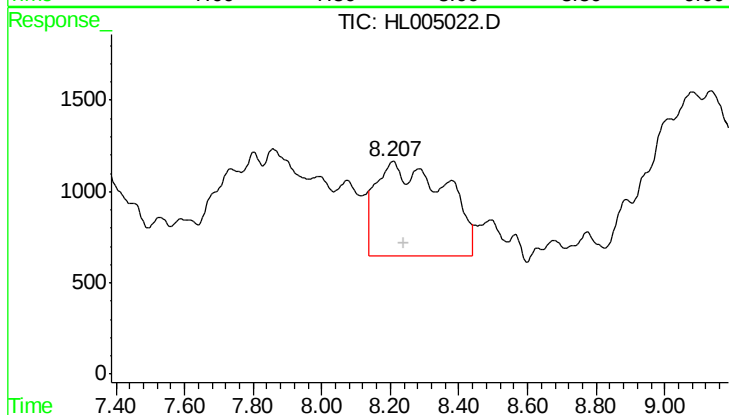
#8 2,4,6-Trinitrotoluene

R.T.: 7.271 min  
Delta R.T.: 0.003 min  
Response: 120324  
Conc: 10.84 ug/L m



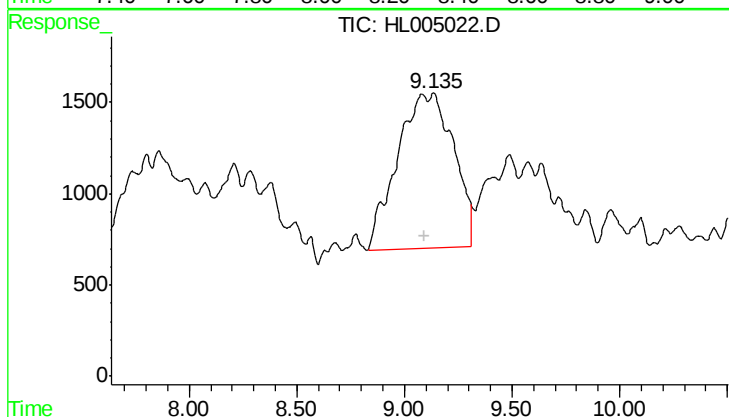
#9 2-Amino-4,6-dinitrotoluene

R.T.: 7.857 min  
Delta R.T.: 0.029 min  
Response: 110519  
Conc: 10.06 ug/L m



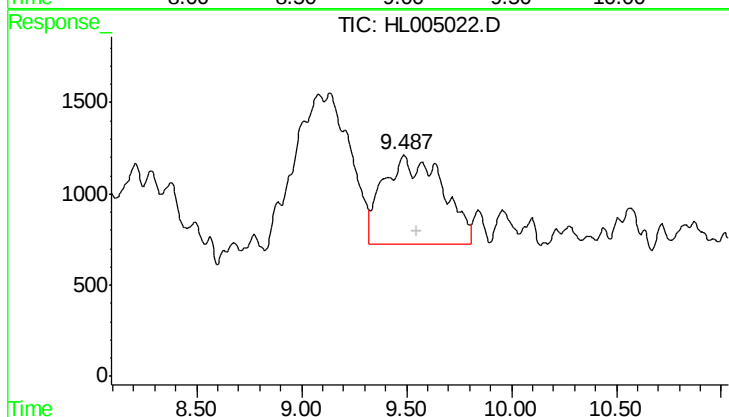
#10 4-Amino-2,6-dinitrotoluene

R.T.: 8.207 min  
Delta R.T.: -0.033 min  
Response: 71073  
Conc: 11.19 ug/L m



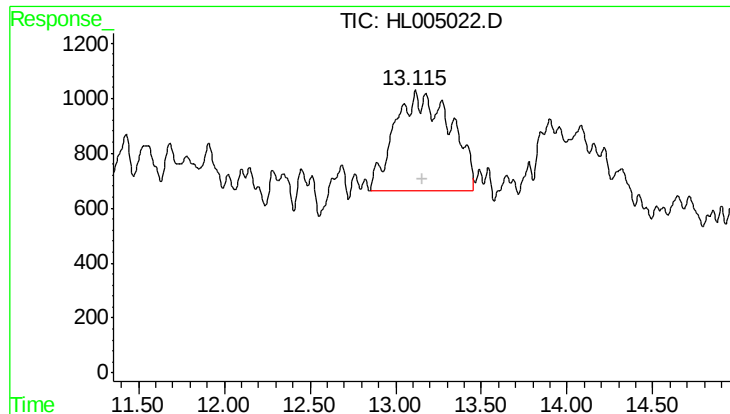
#11 2,4-Dinitrotoluene

R.T.: 9.135 min  
Delta R.T.: 0.042 min  
Response: 154357  
Conc: 10.48 ug/L m



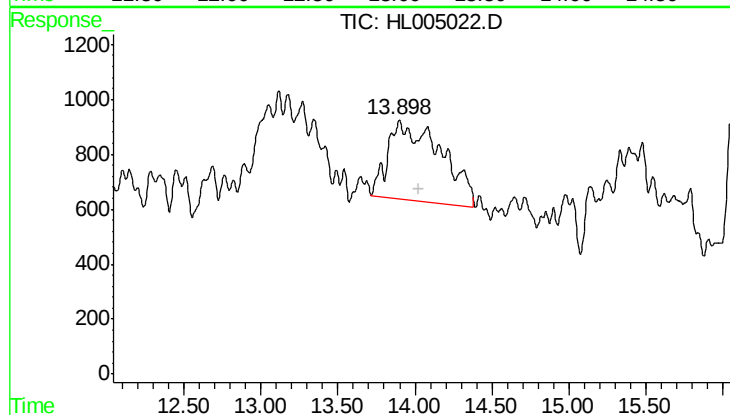
#12 2,6-Dinitrotoluene

R.T.: 9.487 min  
Delta R.T.: -0.063 min  
Response: 95189  
Conc: 12.71 ug/L m



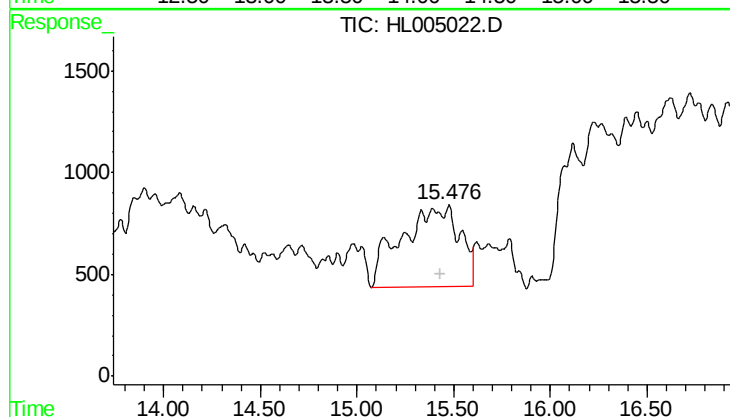
#13 2-Nitrotoluene

R.T.: 13.115 min  
Delta R.T.: -0.042 min  
Response: 82215  
Conc: 12.00 ug/L m



#14 4-Nitrotoluene

R.T.: 13.898 min  
Delta R.T.: -0.123 min  
Response: 69427  
Conc: 12.50 ug/L m



#15 3-Nitrotoluene

R.T.: 15.476 min  
Delta R.T.: 0.045 min  
Response: 83444  
Conc: 12.44 ug/L m