

Data Path : S:\HPCHEM1\HPLC\_L\Data\HL010313\  
 Data File : HL003992.D  
 Signal(s) : VWD1A.CH  
 Acq On : 03-Jan-2013, 18:55  
 Operator : HLM  
 Sample : 8330-1  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 LabSampleId :  
 8330-1

Manual Integrations  
 APPROVED

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 1/8/2013 3:00:34 AM

Integration File: events.e  
 Quant Time: Jan 04 22:24:29 2013  
 Quant Method : H:\VOL1\HPLC\HPLC\_L\METHODS\HL010313.M  
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 QLast Update : Fri Jan 04 13:12:34 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. :  
 Signal Phase :  
 Signal Info :

| Compound                      | R.T.     | Response   | Conc Units    |
|-------------------------------|----------|------------|---------------|
| -----                         |          |            |               |
| System Monitoring Compounds   |          |            |               |
| 1) S 4-Nitroaniline           | 1.363    | 68462      | 17.611 ug/L m |
| Spiked Amount 300.000 Range   | 37 - 149 | Recovery = | 5.87%#        |
| Target Compounds              |          |            |               |
| 2) T HMX                      | 0.924    | 109509     | 16.310 ug/L   |
| 3) T RDX                      | 1.762    | 87637      | 16.159 ug/L   |
| 4) T 1,3,5-Trinitrobenzene    | 2.758    | 123681     | 10.439 ug/L   |
| 5) T Tetryl                   | 6.317    | 167742     | 18.810 ug/L   |
| 6) T 2,4,6-Trinitrotoluene    | 6.674    | 113097     | 9.652 ug/L    |
| 7) T 2-Amino-4,6-dinitroto... | 7.200f   | 100341     | 8.896 ug/L m  |
| 8) T 4-Amino-2,6-dinitroto... | 7.493    | 73334      | 10.018 ug/L m |
| 9) T 2,4-Dinitrotoluene       | 8.321    | 164360     | 10.548 ug/L   |
| 10) T 2,6-Dinitrotoluene      | 8.745    | 87100      | 10.061 ug/L   |
| 11) T 1,3-Dinitrobenzene      | 3.670    | 169522     | 10.013 ug/L   |
| 12) T Nitrobenzene            | 4.908    | 117901     | 10.979 ug/L m |
| 13) T 2-Nitrotoluene          | 12.106f  | 141642     | 21.386 ug/L m |
| 14) T 3-Nitrotoluene          | 14.081   | 144021     | 20.251 ug/L m |
| 15) T 4-Nitrotoluene          | 12.798   | 118788     | 21.649 ug/L m |
| 16) T 3,5-Dinitroaniline      | 4.031    | 344468     | 21.625 ug/L m |
| 18) T PETN                    | 19.323   | 470942     | 51.327 ug/L m |
| -----                         |          |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : HLM  
Sample : 8330-1  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

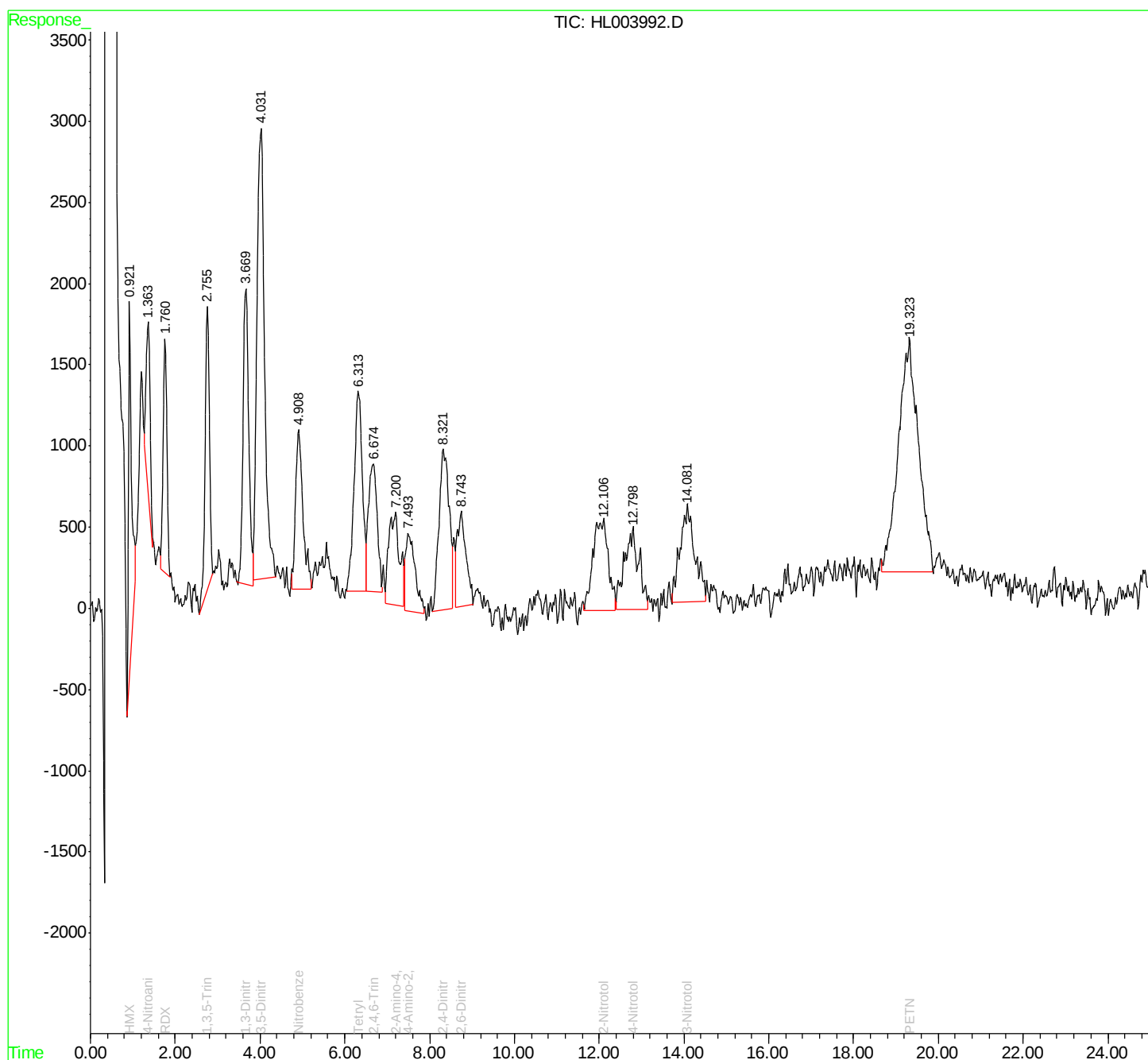
Instrument :  
HPLC\_L  
LabSampleId :  
8330-1

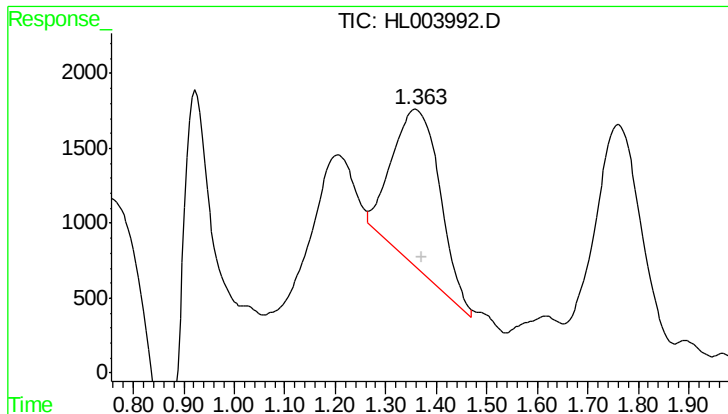
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Integrator: ChemStation

Volume Inj. :  
Signal Phase :  
Signal Info :





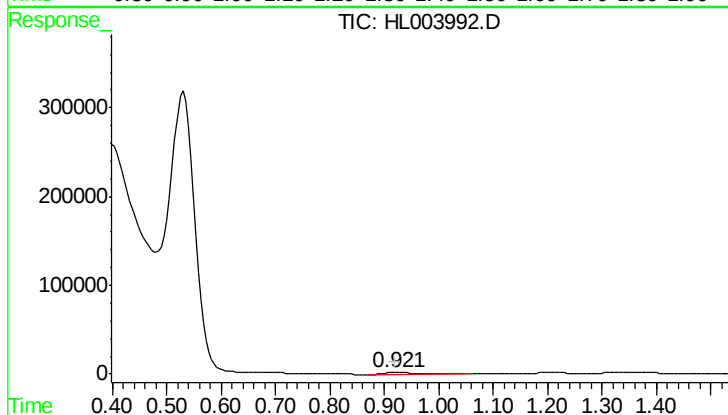
#1 4-Nitroaniline

R.T.: 1.363 min  
Delta R.T.: -0.009 min  
Response: 68462  
Conc: 17.61 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
8330-1

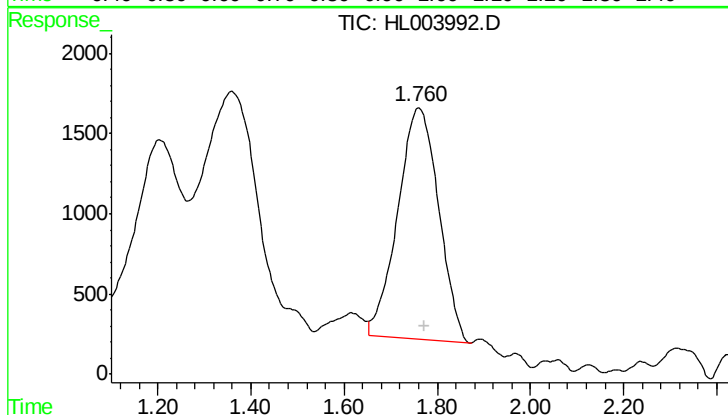
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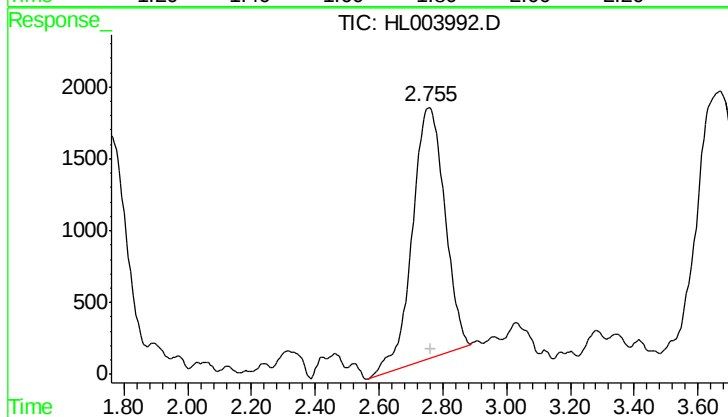
#2 HMX

R.T.: 0.924 min  
Delta R.T.: 0.005 min  
Response: 109509  
Conc: 16.31 ug/L



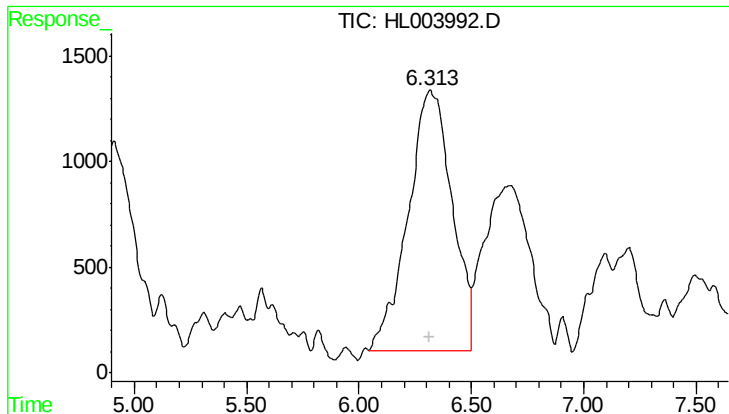
#3 RDX

R.T.: 1.762 min  
Delta R.T.: -0.009 min  
Response: 87637  
Conc: 16.16 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.758 min  
Delta R.T.: -0.003 min  
Response: 123681  
Conc: 10.44 ug/L



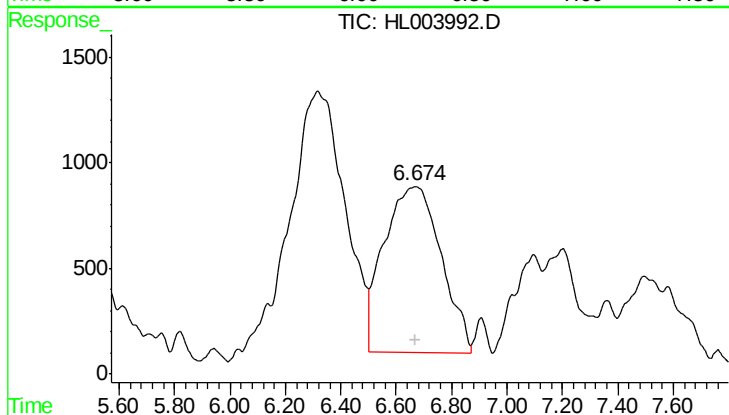
#5 Tetryl

R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 167742  
Conc: 18.81 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
8330-1

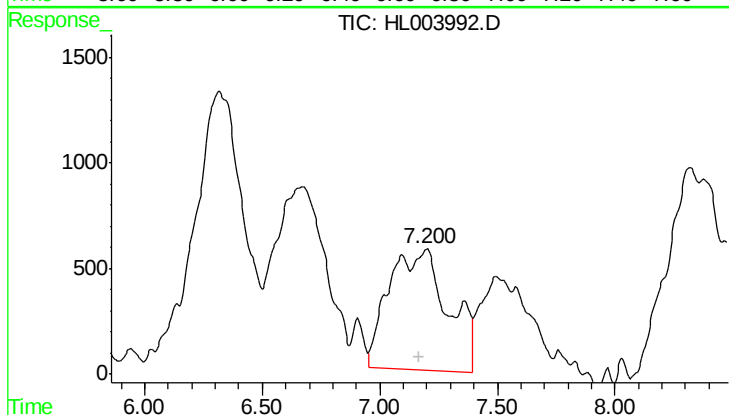
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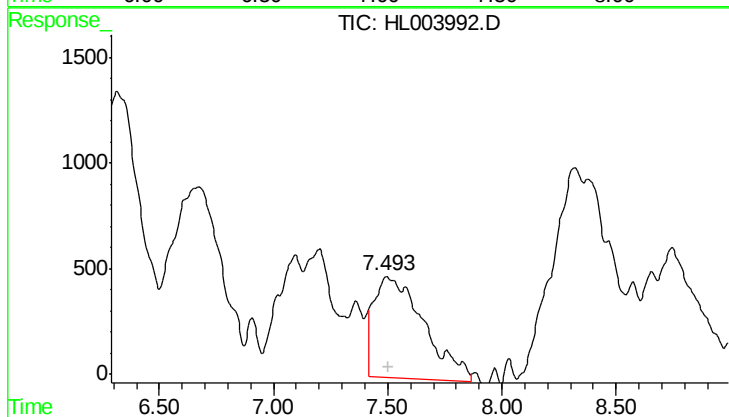
#6 2,4,6-Trinitrotoluene

R.T.: 6.674 min  
Delta R.T.: 0.002 min  
Response: 113097  
Conc: 9.65 ug/L



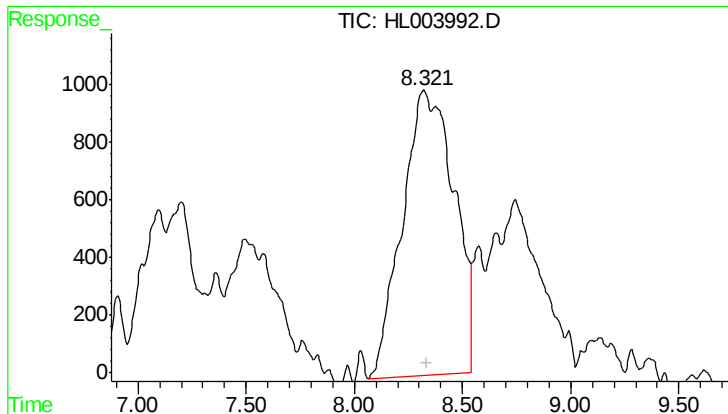
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.200 min  
Delta R.T.: 0.034 min  
Response: 100341  
Conc: 8.90 ug/L m



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.493 min  
Delta R.T.: -0.011 min  
Response: 73334  
Conc: 10.02 ug/L m



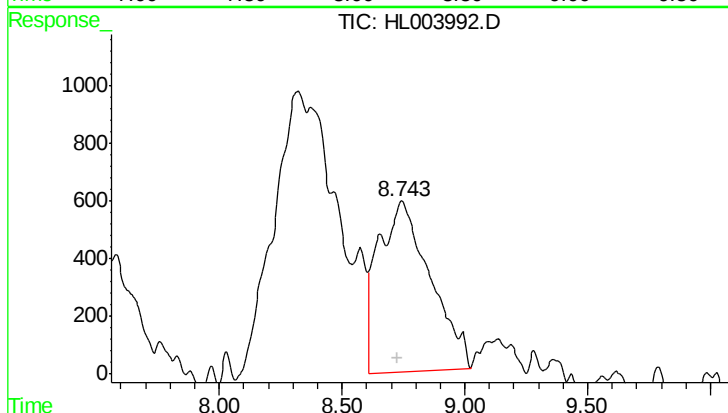
#9 2,4-Dinitrotoluene

R.T.: 8.321 min  
Delta R.T.: -0.016 min  
Response: 164360  
Conc: 10.55 ug/L

Instrument :  
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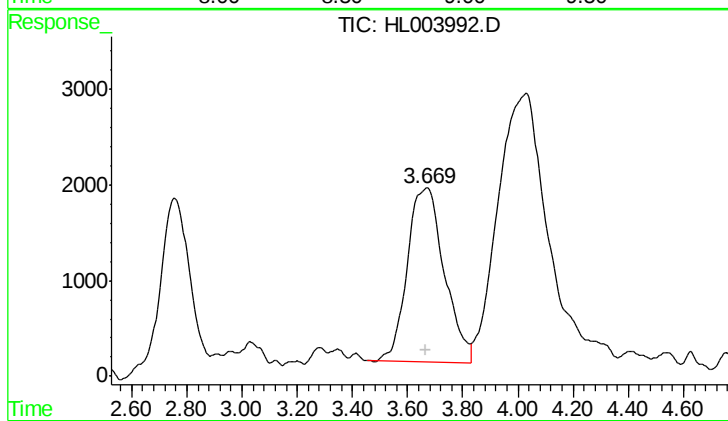
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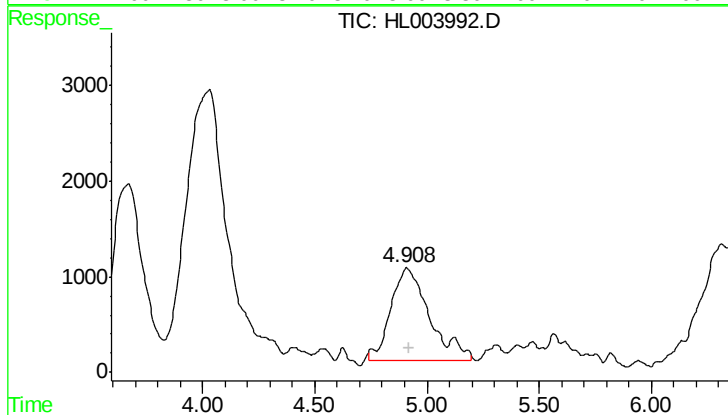
#10 2,6-Dinitrotoluene

R.T.: 8.745 min  
Delta R.T.: 0.019 min  
Response: 87100  
Conc: 10.06 ug/L



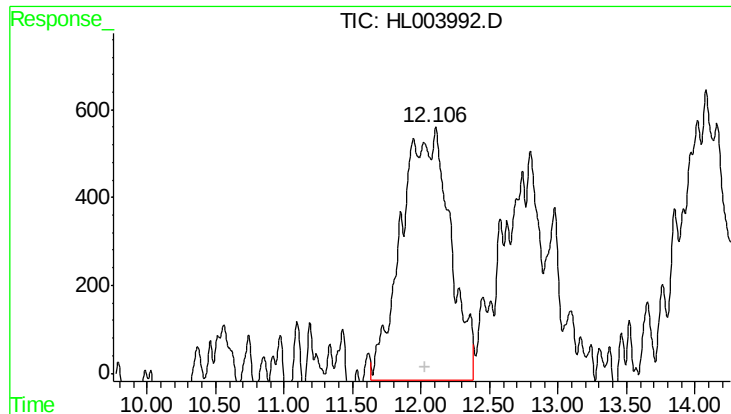
#11 1,3-Dinitrobenzene

R.T.: 3.670 min  
Delta R.T.: 0.005 min  
Response: 169522  
Conc: 10.01 ug/L



#12 Nitrobenzene

R.T.: 4.908 min  
Delta R.T.: -0.013 min  
Response: 117901  
Conc: 10.98 ug/L m



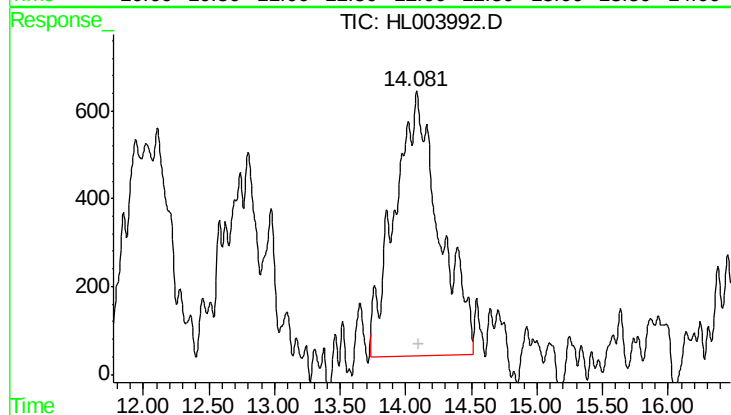
#13 2-Nitrotoluene

R.T.: 12.106 min  
Delta R.T.: 0.075 min  
Response: 141642  
Conc: 21.39 ug/L m

Instrument :  
HPLC\_L  
LabSampleId :  
8330-1

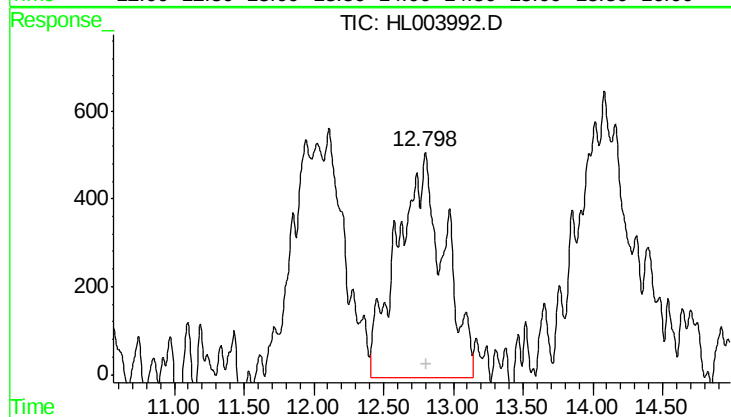
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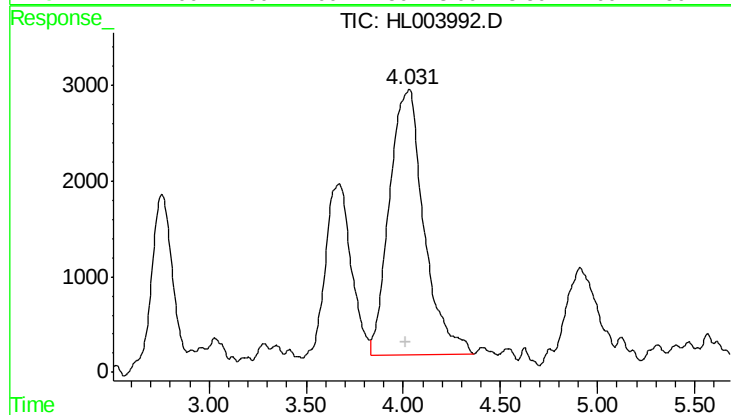
#14 3-Nitrotoluene

R.T.: 14.081 min  
Delta R.T.: -0.014 min  
Response: 144021  
Conc: 20.25 ug/L m



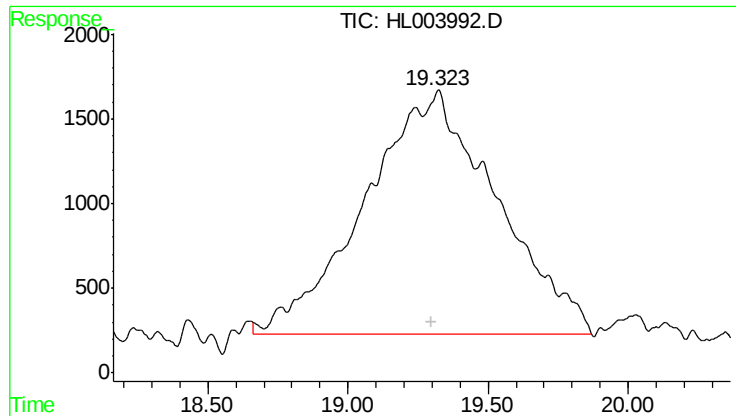
#15 4-Nitrotoluene

R.T.: 12.798 min  
Delta R.T.: -0.007 min  
Response: 118788  
Conc: 21.65 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.031 min  
Delta R.T.: 0.014 min  
Response: 344468  
Conc: 21.62 ug/L m



#18 PETN

R.T.: 19.323 min  
Delta R.T.: 0.026 min  
Response: 470942  
Conc: 51.33 ug/L m

Instrument :  
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