

Data Path : S:\HPCHEM1\HPLC_L\Data\HL032912\
Data File : HL002430.D
Signal(s) : VWD1A.CH
Acq On : 29-Mar-2012, 11:21
Operator : HLM
Sample : 8330-1
Misc :
ALS Vial : 72 Sample Multiplier: 1

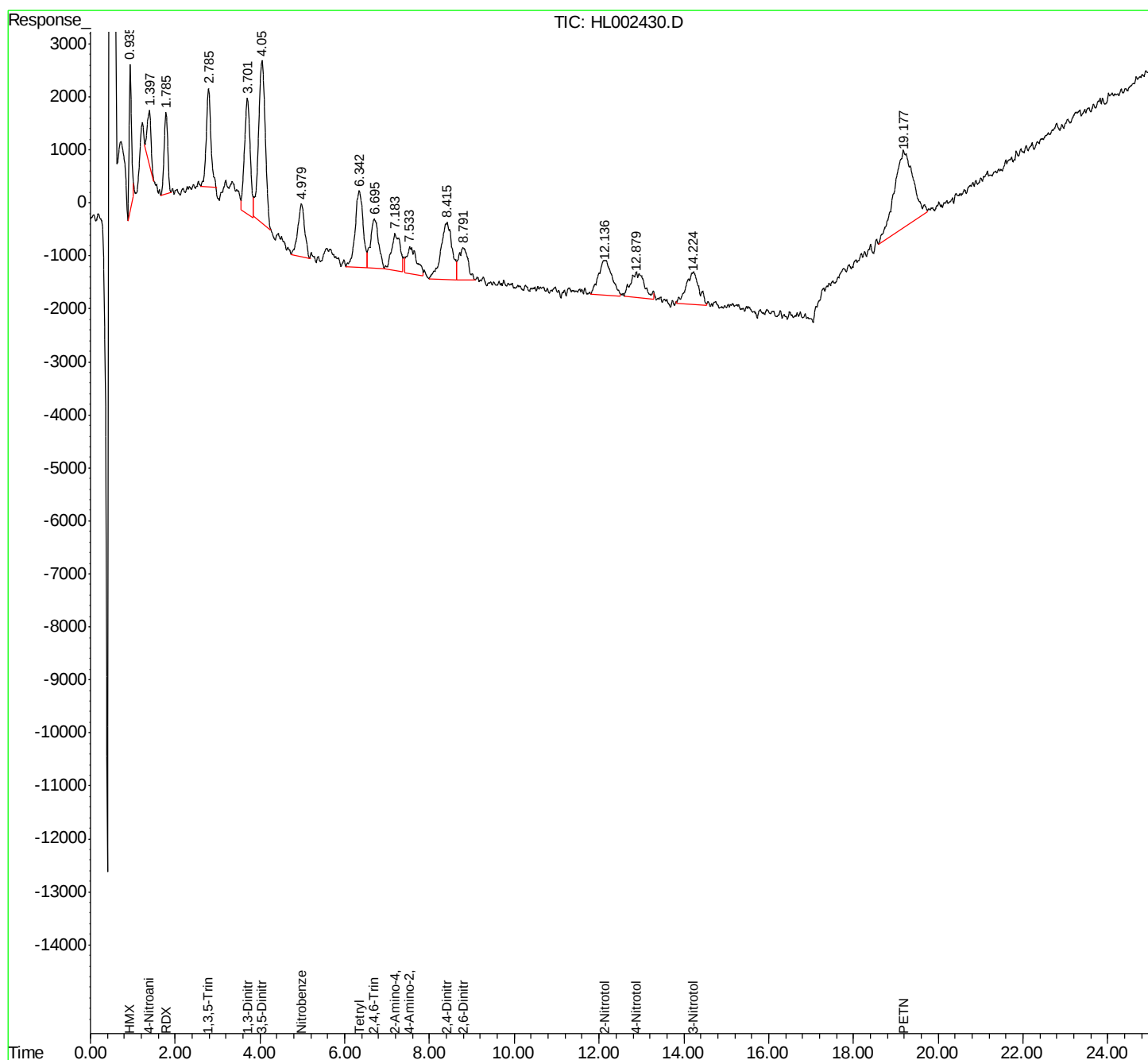
Instrument :
HPLC_L
ClientSampleId :
8330-1

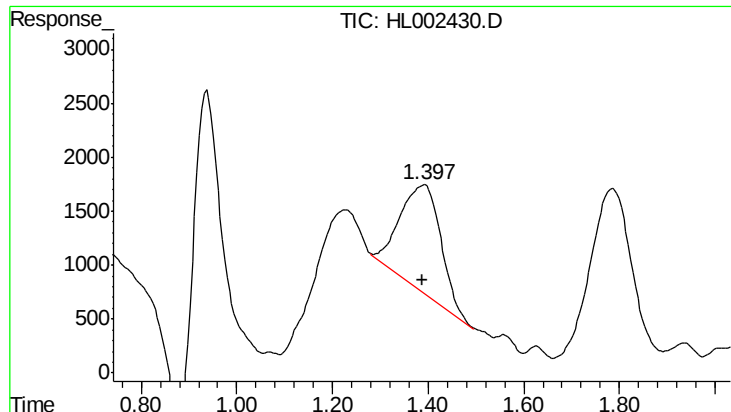
Manual Integrations
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4/7/2012 5:46:14 AM

Integration File: events.e
Quant Time: Apr 07 01:09:24 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL032912.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Tue Feb 28 14:18:34 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





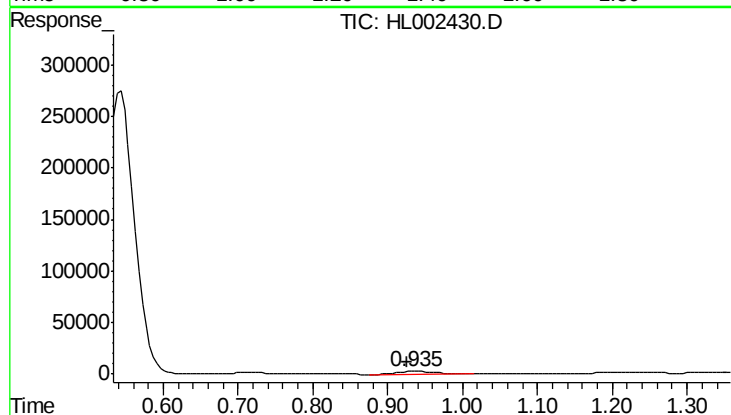
#1 4-Nitroaniline

R.T.: 1.397 min
 Delta R.T.: 0.010 min
 Response: 58877
 Conc: 15.57 ug/L m

Instrument :
 HPLC_L
 ClientSampleId :
 8330-1

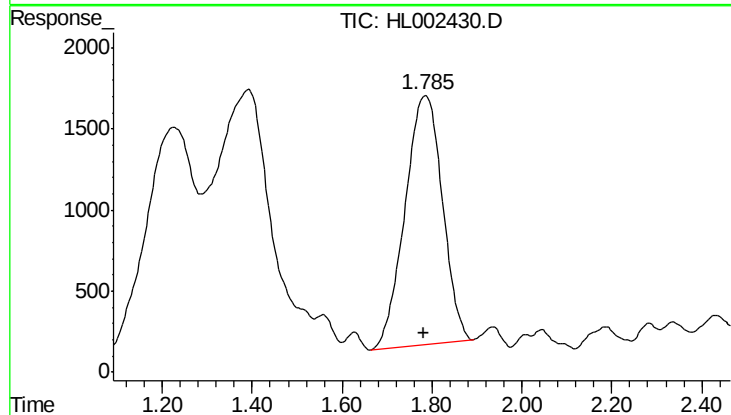
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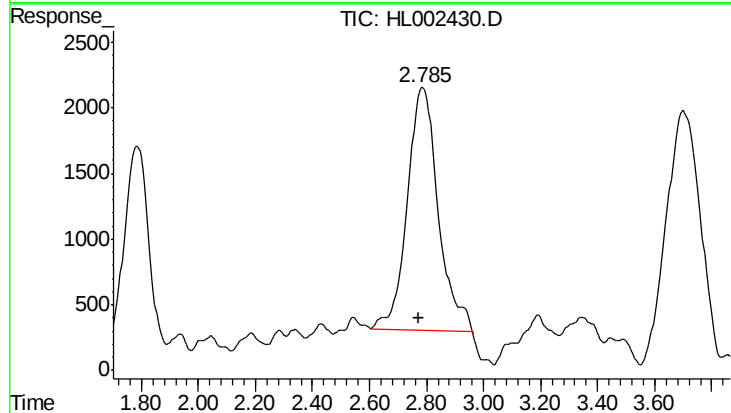
#2 HMX

R.T.: 0.935 min
 Delta R.T.: 0.009 min
 Response: 105554
 Conc: 26.71 ug/L m



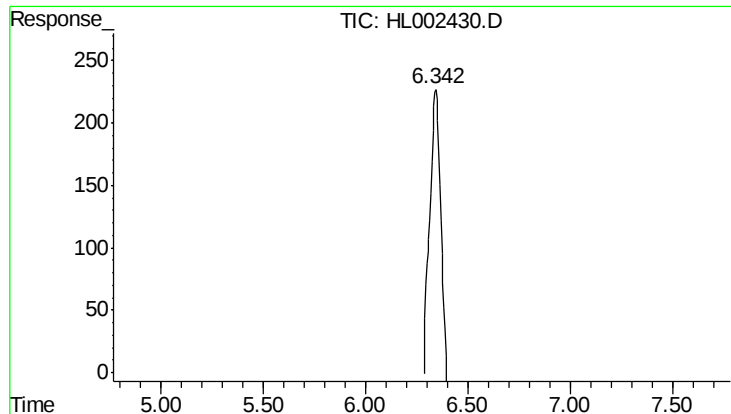
#3 RDX

R.T.: 1.787 min
 Delta R.T.: 0.004 min
 Response: 88842
 Conc: 16.86 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.785 min
 Delta R.T.: 0.011 min
 Response: 139948
 Conc: 11.48 ug/L m



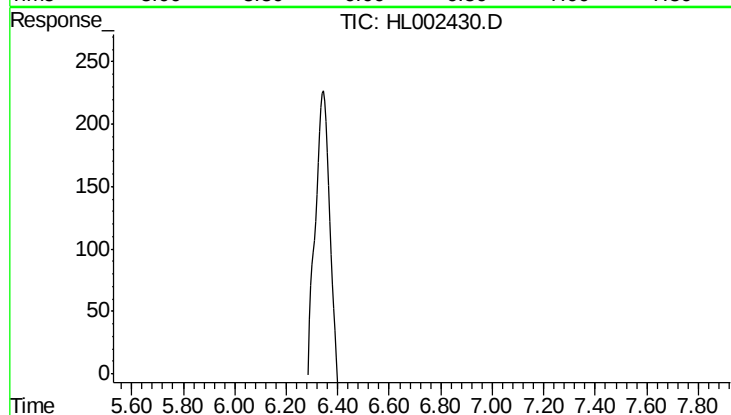
#5 Tetryl

R.T.: 6.344 min
Delta R.T.: 0.030 min
Response: 187430
Conc: 21.59 ug/L

Instrument :
HPLC_L
ClientSampleId :
8330-1

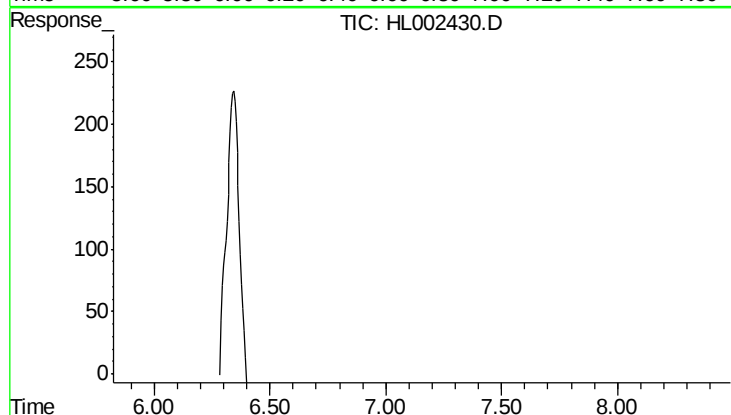
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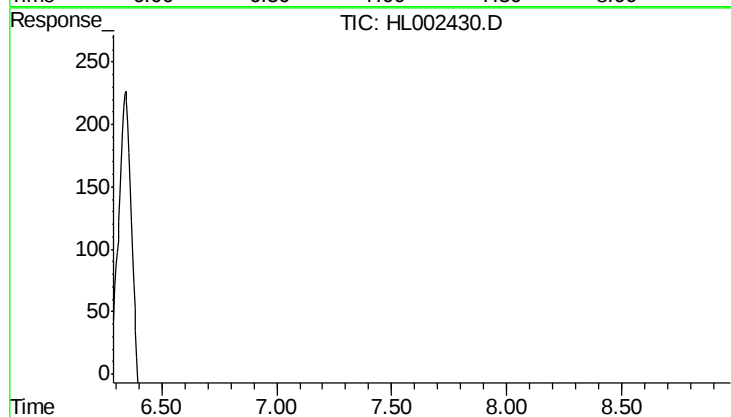
#6 2,4,6-Trinitrotoluene

R.T.: 6.698 min
Delta R.T.: 0.016 min
Response: 124300
Conc: 11.02 ug/L



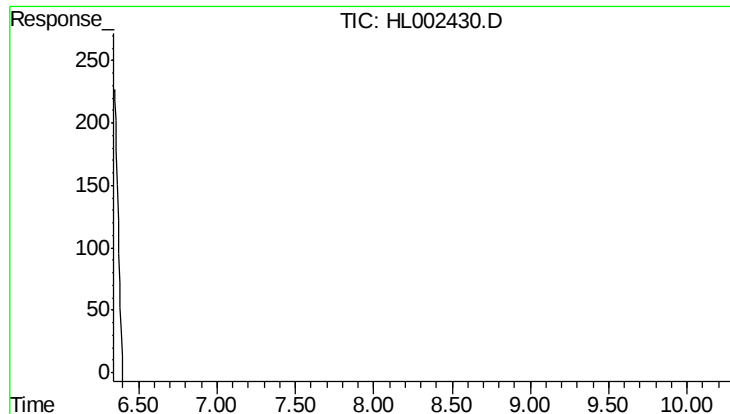
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.183 min
Delta R.T.: -0.001 min
Response: 100546
Conc: 9.31 ug/L m



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.533 min
Delta R.T.: 0.012 min
Response: 85148
Conc: 11.27 ug/L m



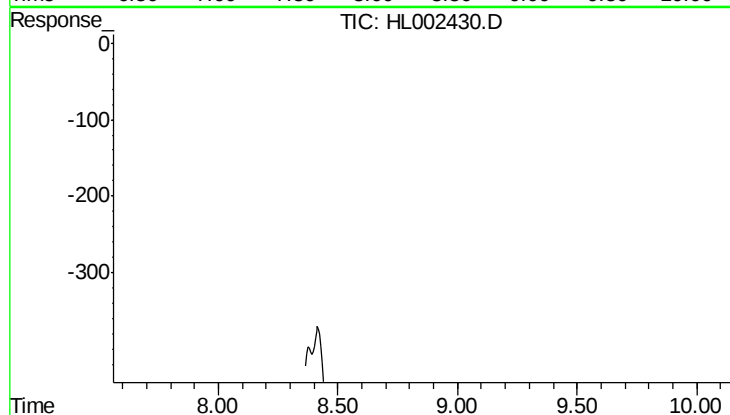
#9 2,4-Dinitrotoluene

R.T.: 8.417 min
 Delta R.T.: 0.048 min
 Response: 200259
 Conc: 12.30 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 8330-1

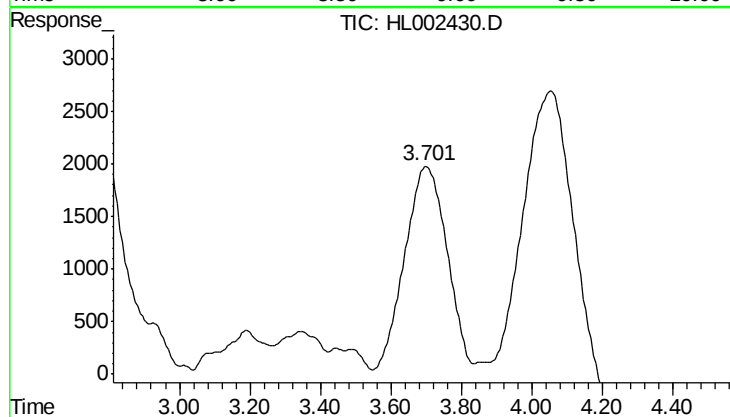
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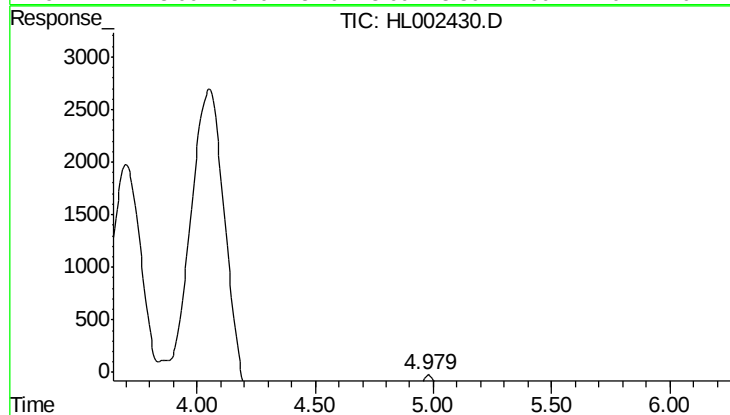
#10 2,6-Dinitrotoluene

R.T.: 8.795 min
 Delta R.T.: 0.038 min
 Response: 95075
 Conc: 10.74 ug/L



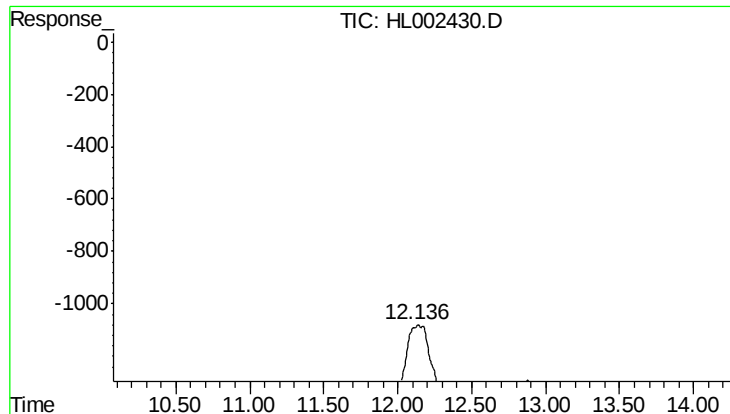
#11 1,3-Dinitrobenzene

R.T.: 3.701 min
 Delta R.T.: 0.013 min
 Response: 202431
 Conc: 12.01 ug/L m



#12 Nitrobenzene

R.T.: 4.981 min
 Delta R.T.: 0.024 min
 Response: 108624
 Conc: 10.13 ug/L



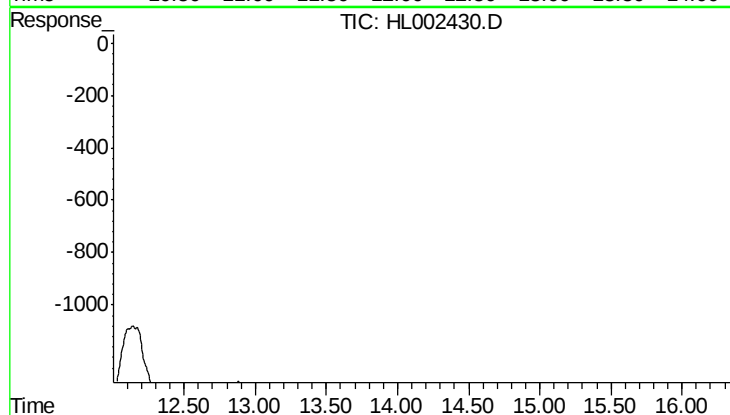
#13 2-Nitrotoluene

R.T.: 12.136 min
 Delta R.T.: 0.052 min
 Response: 141831
 Conc: 20.68 ug/L m

Instrument :
 HPLC_L
 ClientSampleId :
 8330-1

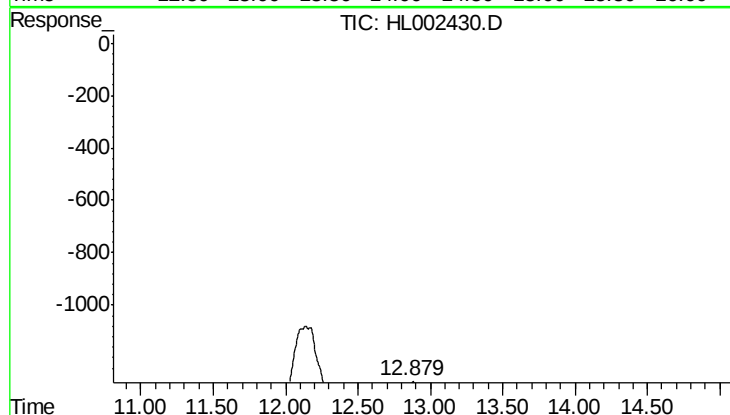
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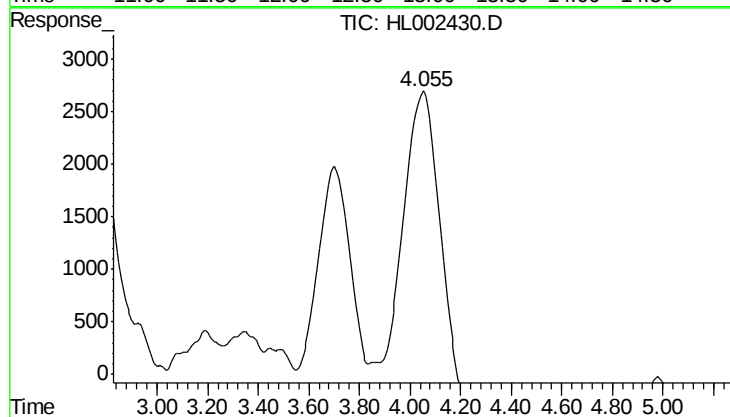
#14 3-Nitrotoluene

R.T.: 14.224 min
 Delta R.T.: 0.068 min
 Response: 127098
 Conc: 17.45 ug/L m



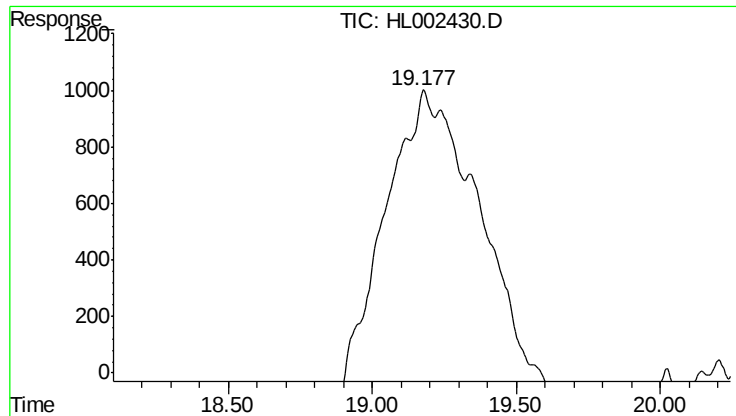
#15 4-Nitrotoluene

R.T.: 12.879 min
 Delta R.T.: 0.021 min
 Response: 108692
 Conc: 19.41 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.055 min
 Delta R.T.: 0.019 min
 Response: 336927
 Conc: 20.94 ug/L m



#18 PETN

R.T.: 19.177 min
Delta R.T.: 0.071 min
Response: 450587
Conc: 47.31 ug/L m

Instrument :
HPLC_L
ClientSampleId :
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 Misc :
 ALS Vial : 72 Sample Multiplier: 1

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 QLast Update : Tue Feb 28 14:18:34 2012
 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	1.397	58877	15.571 ug/L m
Spiked Amount 300.000	Range 37 - 149	Recovery =	5.19%#
Target Compounds			
2) T HMX	0.935f	105554	26.708 ug/L m
3) T RDX	1.787	88842	16.855 ug/L
4) T 1,3,5-Trinitrobenzene	2.785	139948	11.481 ug/L m
5) T Tetryl	6.344f	187430	21.595 ug/L
6) T 2,4,6-Trinitrotoluene	6.698	124300	11.018 ug/L
7) T 2-Amino-4,6-dinitroto...	7.183	100546	9.313 ug/L m
8) T 4-Amino-2,6-dinitroto...	7.533	85148	11.270 ug/L m
9) T 2,4-Dinitrotoluene	8.417f	200259	12.301 ug/L
10) T 2,6-Dinitrotoluene	8.795f	95075	10.740 ug/L
11) T 1,3-Dinitrobenzene	3.701	202431	12.010 ug/L m
12) T Nitrobenzene	4.981f	108624	10.134 ug/L
13) T 2-Nitrotoluene	12.136	141831	20.680 ug/L m
14) T 3-Nitrotoluene	14.224	127098	17.451 ug/L m
15) T 4-Nitrotoluene	12.879	108692	19.414 ug/L m
16) T 3,5-Dinitroaniline	4.055	336927	20.937 ug/L m
18) T PETN	19.177	450587	47.311 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.