

Data Path : X:\HPCHEM1\HPLC_L\Data\HL050312\
Data File : HL002911.D
Signal(s) : VWD1A.CH
Acq On : 03-May-2012, 17:49
Operator : HLM
Sample : 8330-1
Misc :
ALS Vial : 7 Sample Multiplier: 1

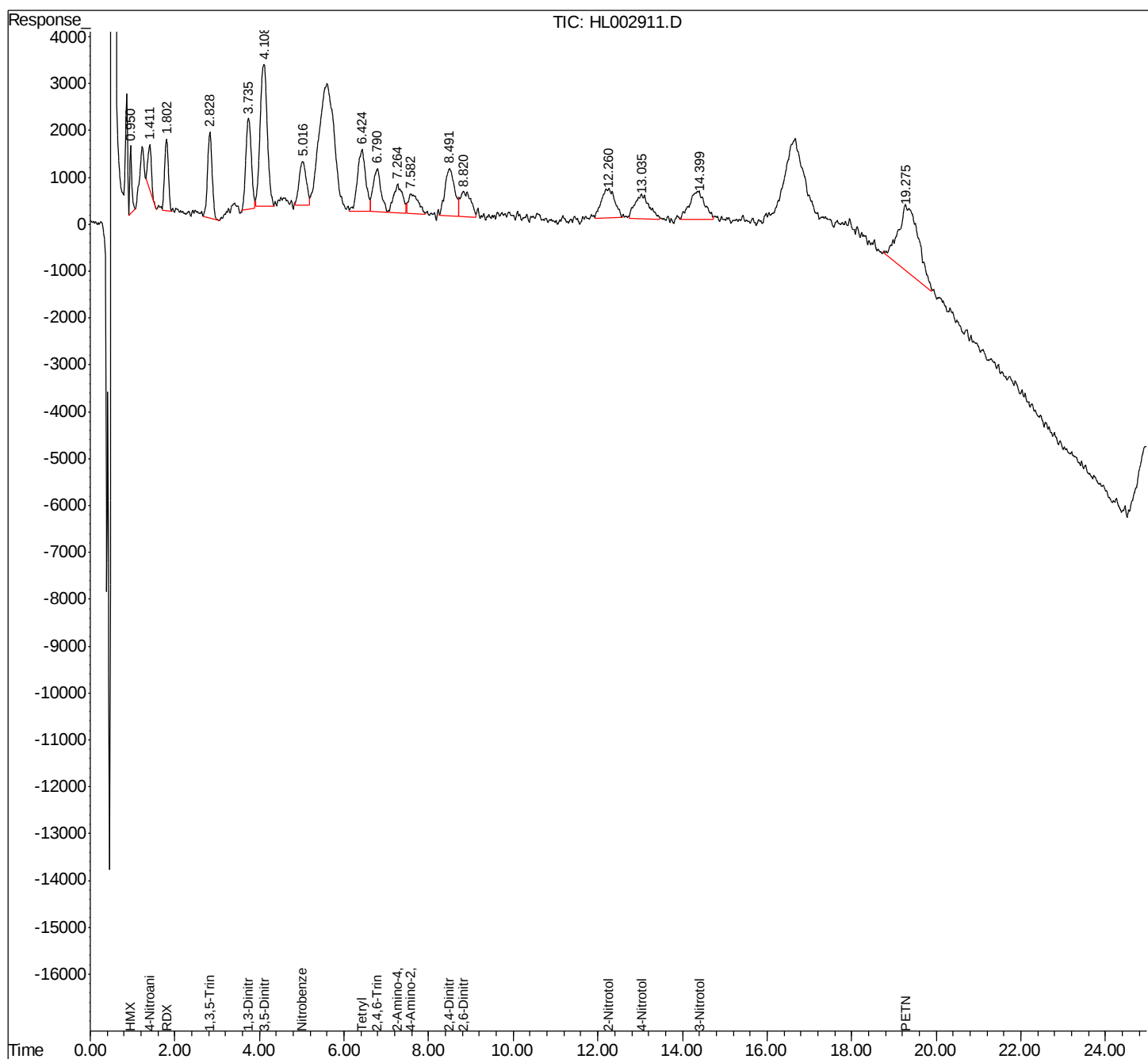
Instrument :
HPLC_L
ClientSampleId :
8330-1

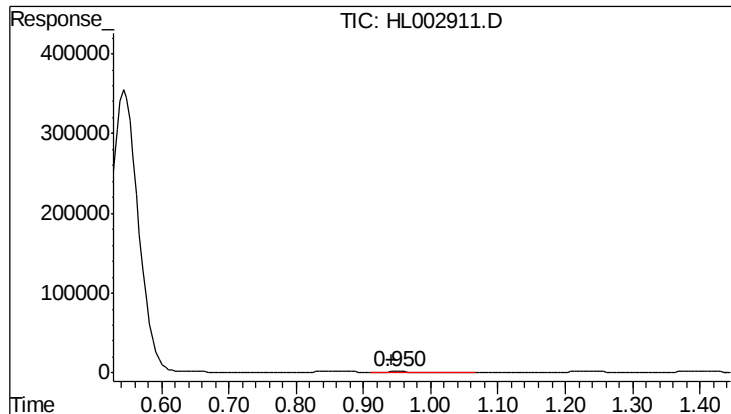
Manual Integrations
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5/5/2012 3:46:11 AM

Integration File: events.e
Quant Time: May 05 05:43:33 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL050312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Fri May 04 10:17:21 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





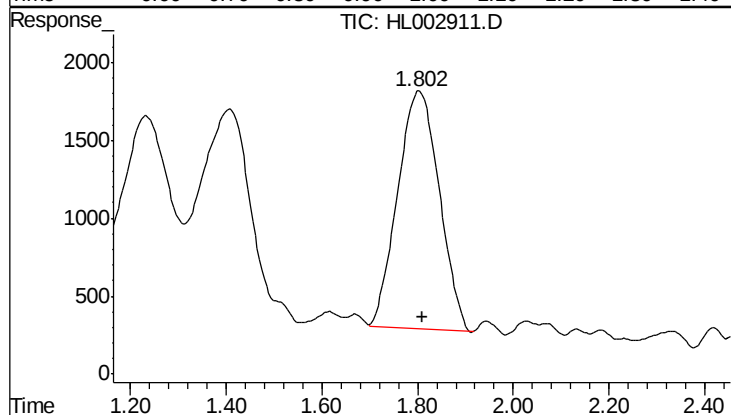
#2 HMX

R.T.: 0.952 min
Delta R.T.: 0.010 min
Response: 47555
Conc: 11.45 ug/L

Instrument :
HPLC_L
ClientSampleId :
8330-1

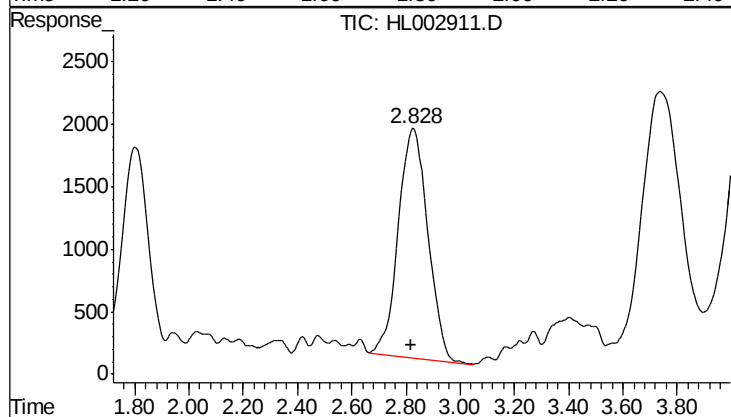
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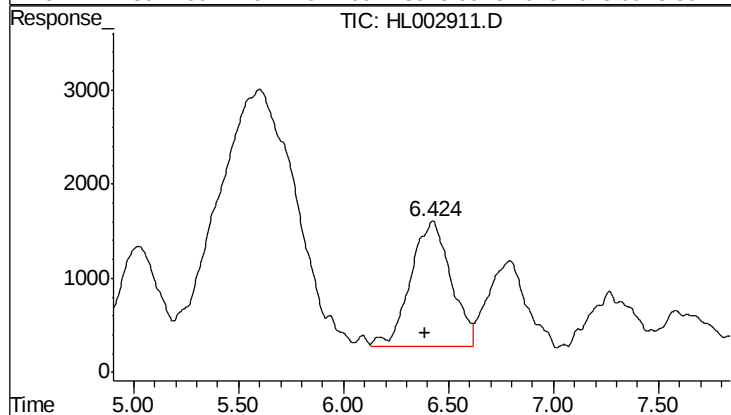
#3 RDX

R.T.: 1.804 min
Delta R.T.: -0.006 min
Response: 92453
Conc: 15.84 ug/L



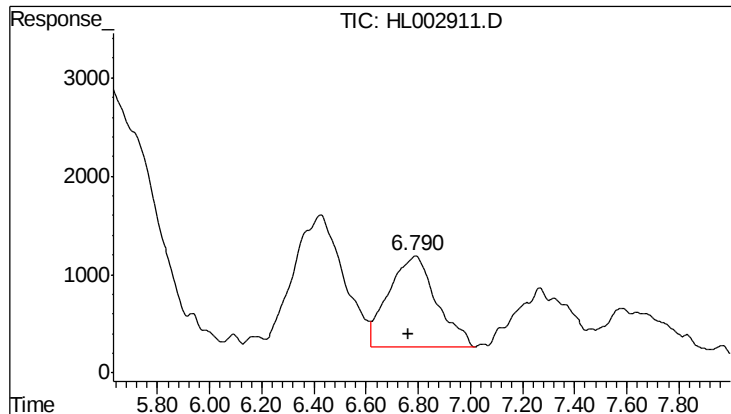
#4 1,3,5-Trinitrobenzene

R.T.: 2.830 min
Delta R.T.: 0.009 min
Response: 137800
Conc: 11.05 ug/L



#5 Tetryl

R.T.: 6.426 min
Delta R.T.: 0.035 min
Response: 177204
Conc: 19.80 ug/L



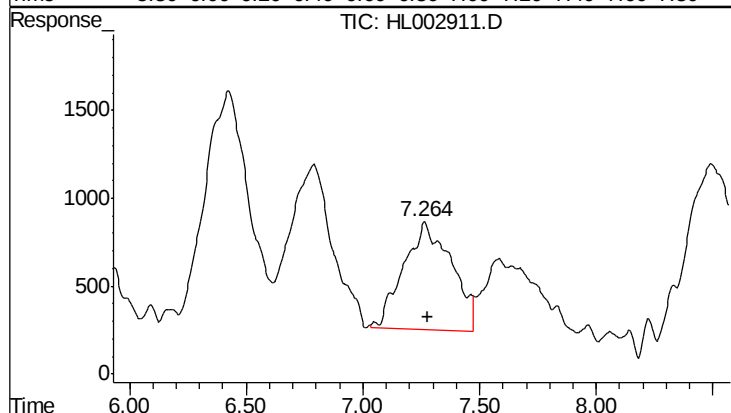
#6 2,4,6-Trinitrotoluene

R.T.: 6.791 min
Delta R.T.: 0.028 min
Response: 116575
Conc: 9.74 ug/L

Instrument :
HPLC_L
ClientSampleId :
8330-1

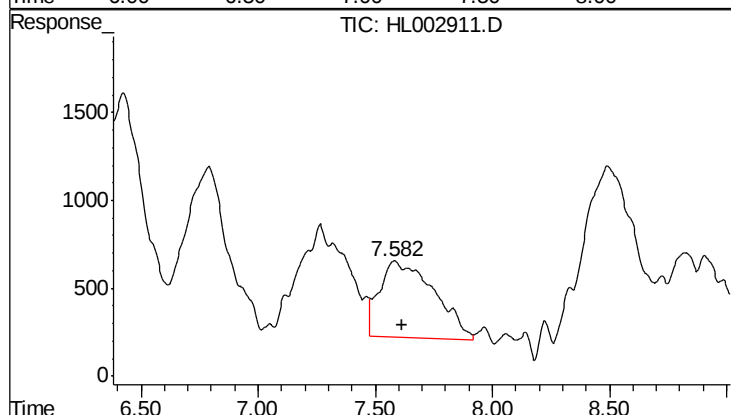
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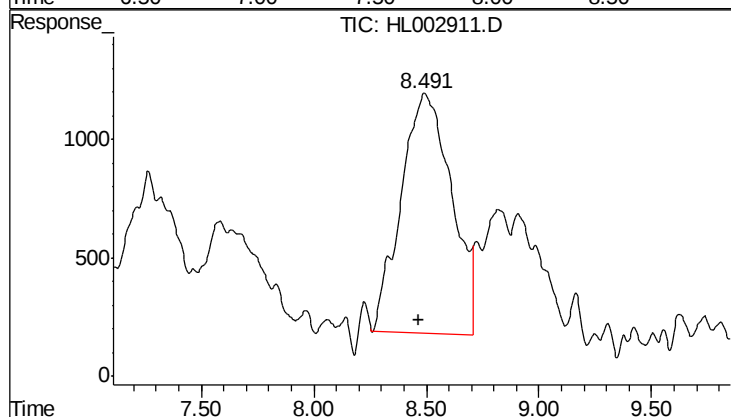
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.264 min
Delta R.T.: -0.015 min
Response: 87257
Conc: 7.54 ug/L m



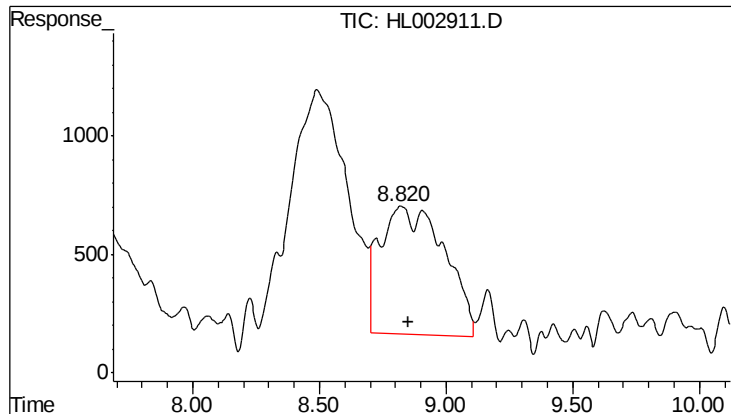
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.582 min
Delta R.T.: -0.031 min
Response: 70851
Conc: 9.29 ug/L m



#9 2,4-Dinitrotoluene

R.T.: 8.491 min
Delta R.T.: 0.024 min
Response: 157971
Conc: 9.62 ug/L m



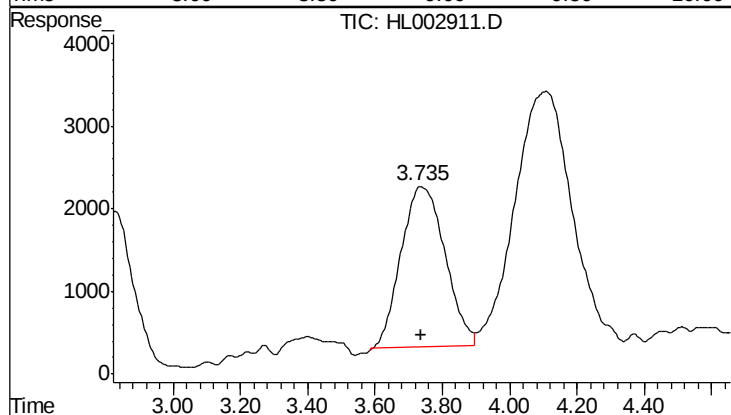
#10 2,6-Dinitrotoluene

R.T.: 8.820 min
 Delta R.T.: -0.033 min
 Response: 95491
 Conc: 10.71 ug/L m

Instrument :
 HPLC_L
 ClientSampleId :
 8330-1

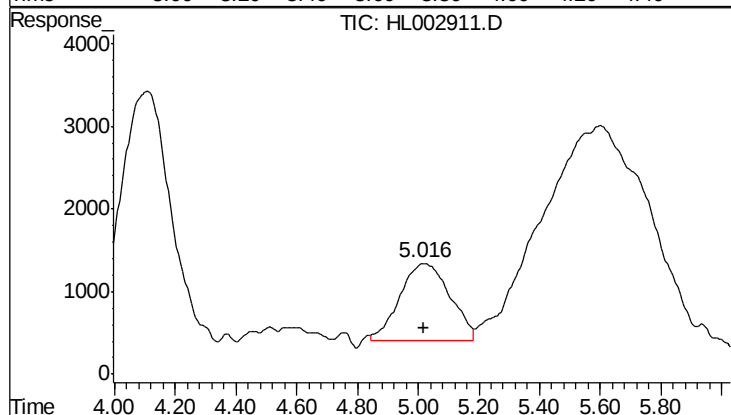
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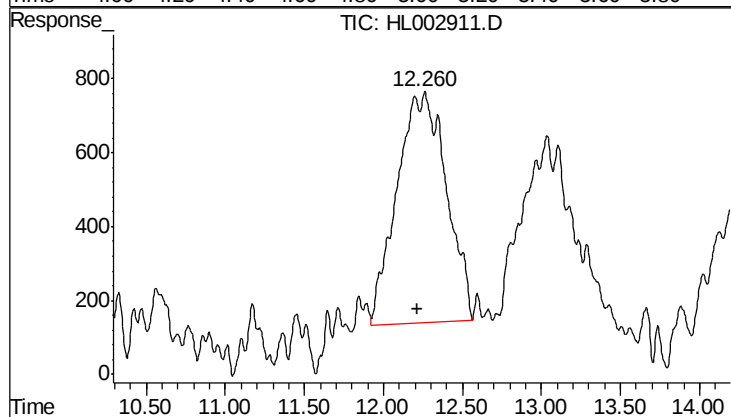
#11 1,3-Dinitrobenzene

R.T.: 3.735 min
 Delta R.T.: -0.003 min
 Response: 175993
 Conc: 10.02 ug/L m



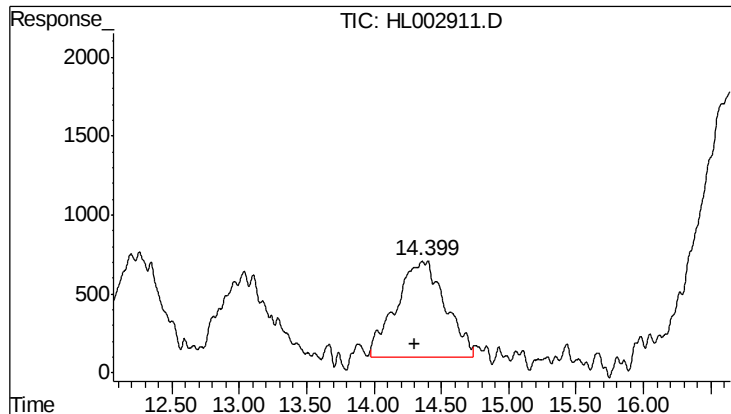
#12 Nitrobenzene

R.T.: 5.016 min
 Delta R.T.: -0.003 min
 Response: 108290
 Conc: 9.94 ug/L m



#13 2-Nitrotoluene

R.T.: 12.260 min
 Delta R.T.: 0.048 min
 Response: 135673
 Conc: 19.72 ug/L m



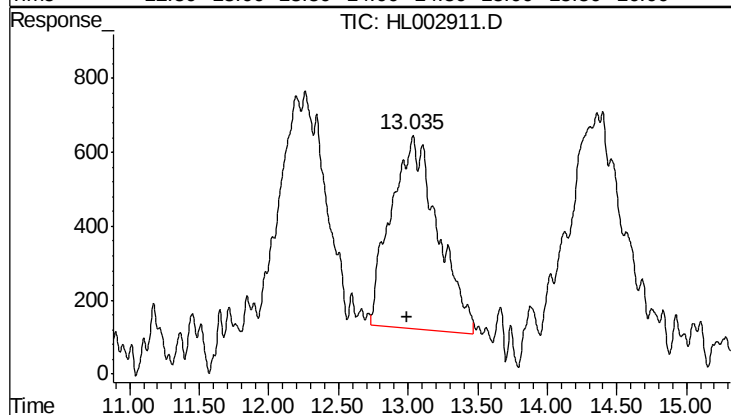
#14 3-Nitrotoluene

R.T.: 14.399 min
 Delta R.T.: 0.094 min
 Response: 153043
 Conc: 20.34 ug/L m

Instrument :
 HPLC_L
 ClientSampleId :
 8330-1

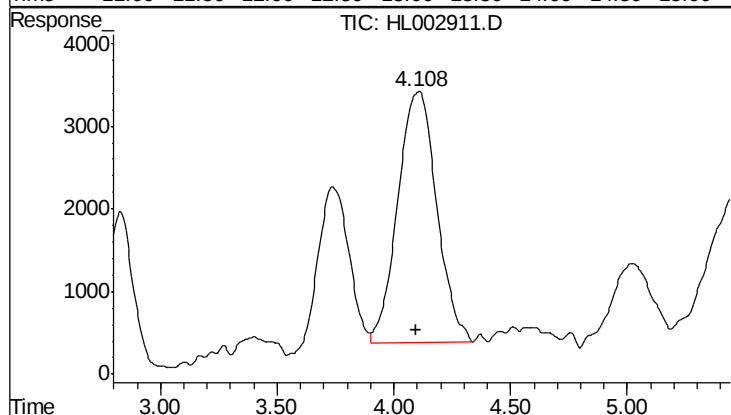
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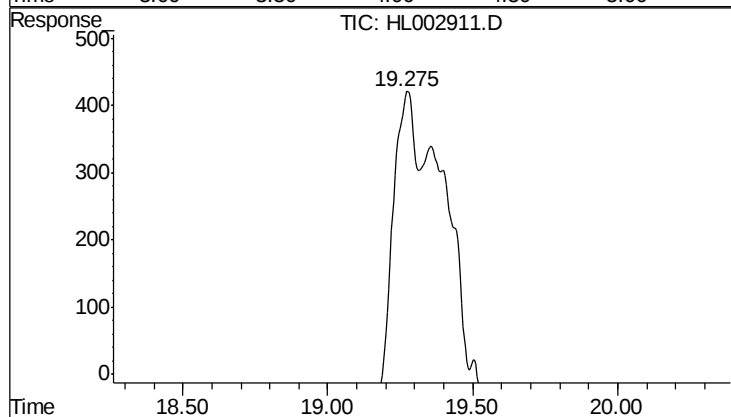
#15 4-Nitrotoluene

R.T.: 13.035 min
 Delta R.T.: 0.046 min
 Response: 121105
 Conc: 21.24 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.109 min
 Delta R.T.: 0.013 min
 Response: 352725
 Conc: 19.89 ug/L



#18 PETN

R.T.: 19.275 min
 Delta R.T.: -0.041 min
 Response: 477252
 Conc: 52.96 ug/L m

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 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	1.409	55287	13.910 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery =	4.64%#
Target Compounds			
2) T HMX	0.952f	47555	11.446 ug/L
3) T RDX	1.804	92453	15.837 ug/L
4) T 1,3,5-Trinitrobenzene	2.830	137800	11.050 ug/L
5) T Tetryl	6.426f	177204	19.805 ug/L
6) T 2,4,6-Trinitrotoluene	6.791	116575	9.743 ug/L
7) T 2-Amino-4,6-dinitroto...	7.264	87257	7.541 ug/L m
8) T 4-Amino-2,6-dinitroto...	7.582	70851	9.287 ug/L m
9) T 2,4-Dinitrotoluene	8.491	157971	9.621 ug/L m
10) T 2,6-Dinitrotoluene	8.820	95491	10.714 ug/L m
11) T 1,3-Dinitrobenzene	3.735	175993	10.025 ug/L m
12) T Nitrobenzene	5.016	108290	9.945 ug/L m
13) T 2-Nitrotoluene	12.260	135673	19.718 ug/L m
14) T 3-Nitrotoluene	14.399f	153043	20.343 ug/L m
15) T 4-Nitrotoluene	13.035	121105	21.237 ug/L m
16) T 3,5-Dinitroaniline	4.109	352725	19.887 ug/L
18) T PETN	19.275	477252	52.960 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.