

Data Path : S:\HPCHEM1\HPLC_L\Data\HL080312\
Data File : HL003343.D
Signal(s) : VWD1A.CH
Acq On : 03-Aug-2012, 20:18
Operator : HLM
Sample : D3506-01MS1
Misc :
ALS Vial : 25 Sample Multiplier: 1

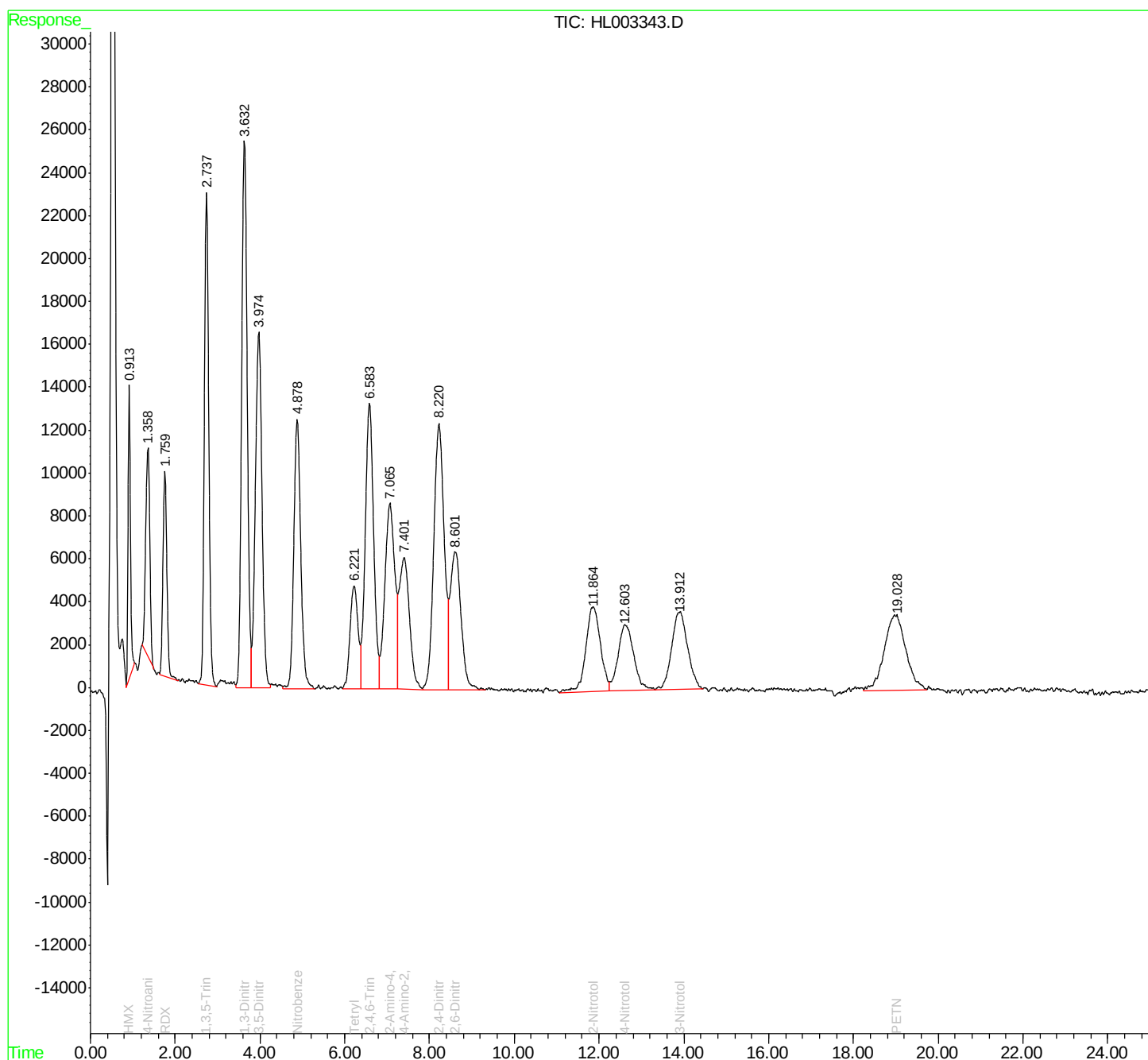
Instrument :
HPLC_L
ClientSampleId :
BH-BG1-TP5-SP-01QAMS1

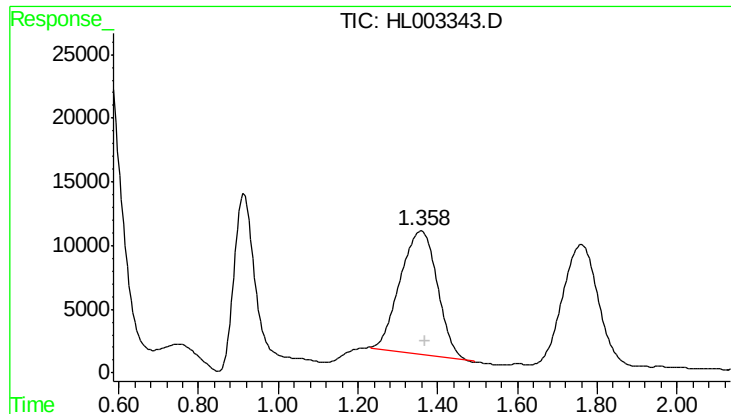
Manual Integrations
APPROVED

AHPatel
8/14/2012 1:38:02 AM

Integration File: events.e
Quant Time: Aug 07 01:48:44 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL080312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Mon Aug 06 10:08:05 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





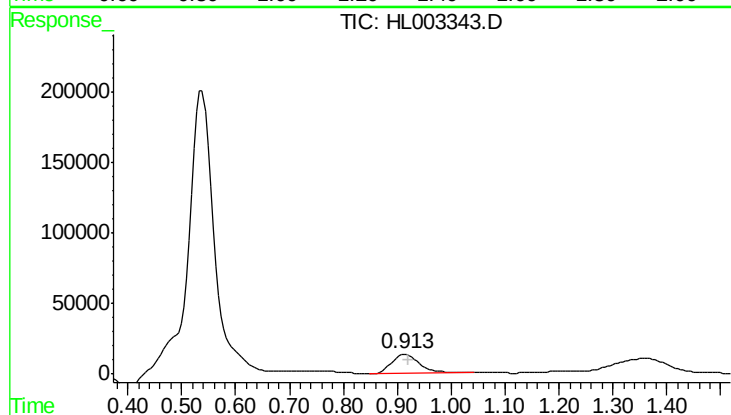
#1 4-Nitroaniline

R.T.: 1.358 min
Delta R.T.: -0.010 min
Response: 629844
Conc: 171.73 ug/L m

Instrument :
HPLC_L
ClientSampleId :
BH-BG1-TP5-SP-01QAMS1

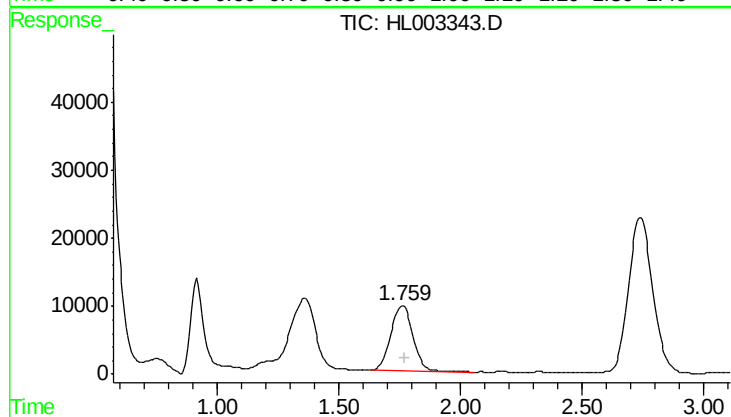
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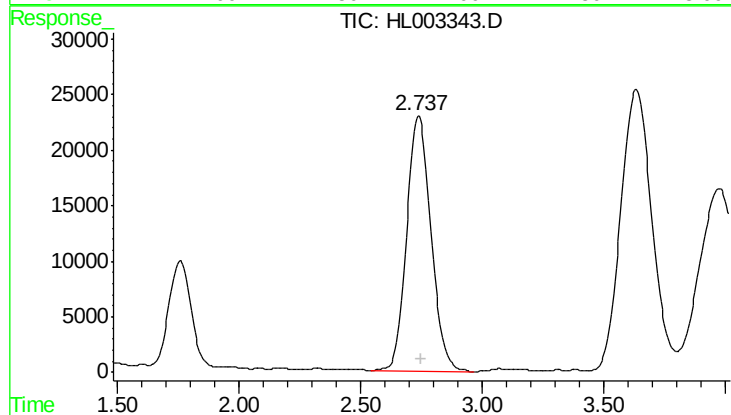
#2 HMX

R.T.: 0.913 min
Delta R.T.: -0.009 min
Response: 503572
Conc: 123.89 ug/L m



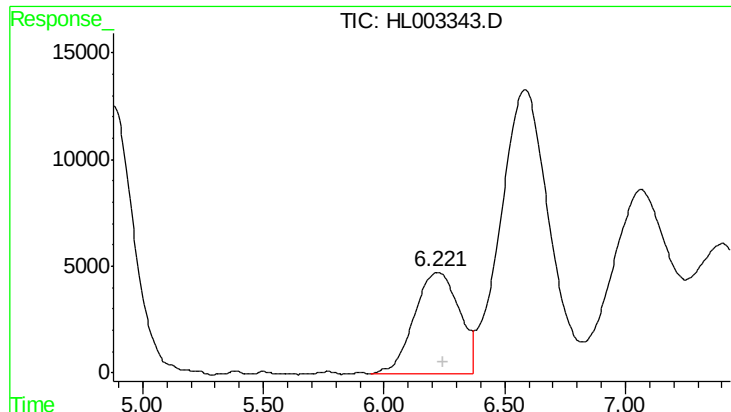
#3 RDX

R.T.: 1.761 min
Delta R.T.: -0.010 min
Response: 609921
Conc: 119.47 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.739 min
Delta R.T.: -0.011 min
Response: 1604247
Conc: 132.40 ug/L



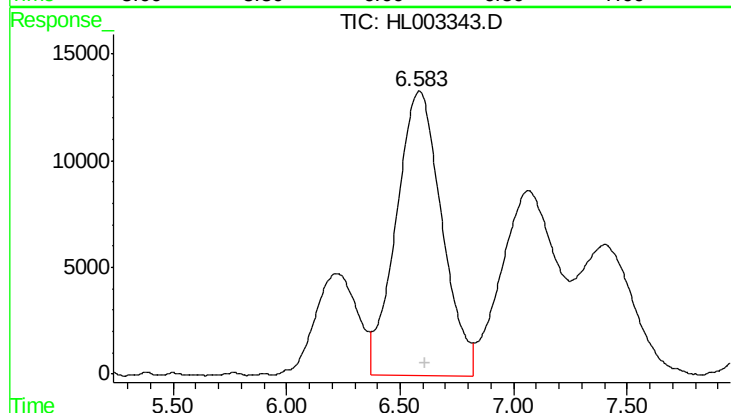
#5 Tetryl

R.T.: 6.224 min
Delta R.T.: -0.021 min
Response: 623419
Conc: 72.17 ug/L

Instrument :
HPLC_L
ClientSampleId :
BH-BG1-TP5-SP-01QAMS1

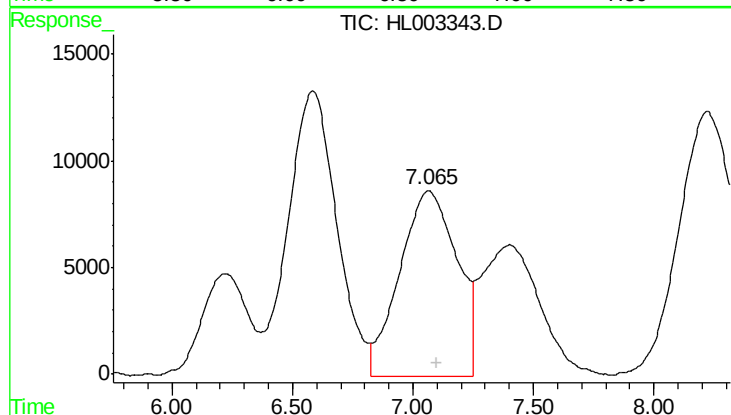
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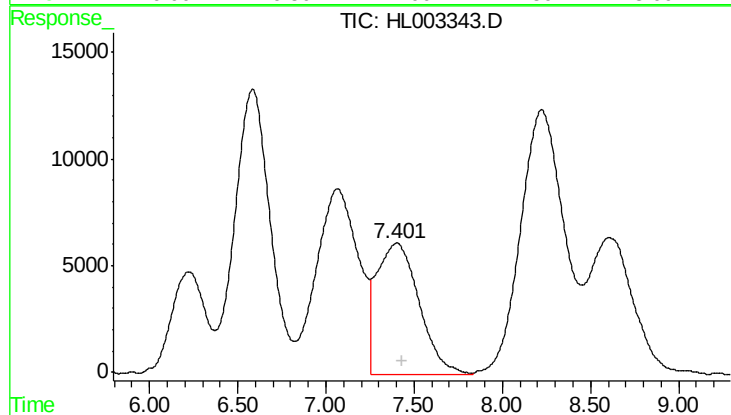
#6 2,4,6-Trinitrotoluene

R.T.: 6.585 min
Delta R.T.: -0.026 min
Response: 1865193
Conc: 169.75 ug/L



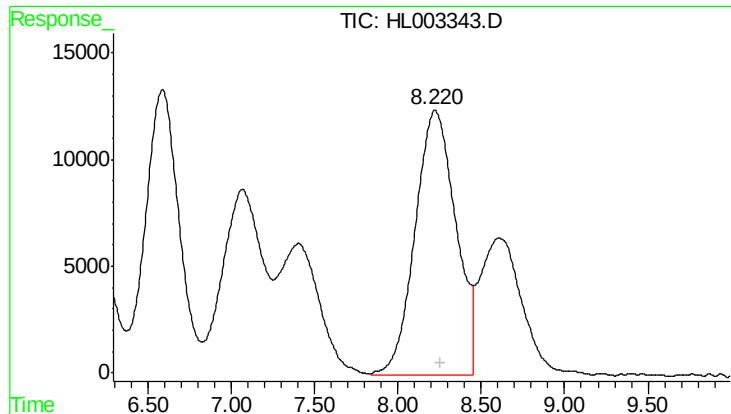
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.066 min
Delta R.T.: -0.031 min
Response: 1433705
Conc: 141.15 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.401 min
Delta R.T.: -0.031 min
Response: 1037959
Conc: 145.30 ug/L



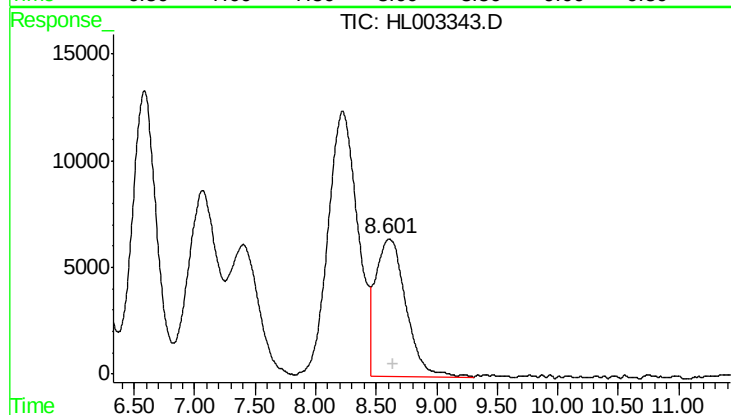
#9 2,4-Dinitrotoluene

R.T.: 8.222 min
Delta R.T.: -0.032 min
Response: 2118764
Conc: 140.43 ug/L

Instrument :
HPLC_L
ClientSampleId :
BH-BG1-TP5-SP-01QAMS1

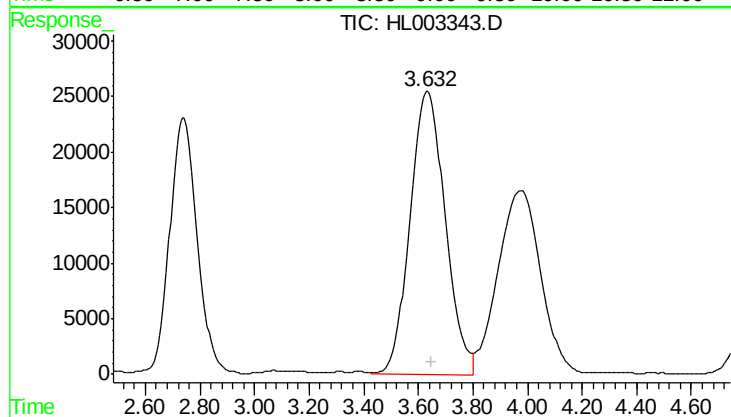
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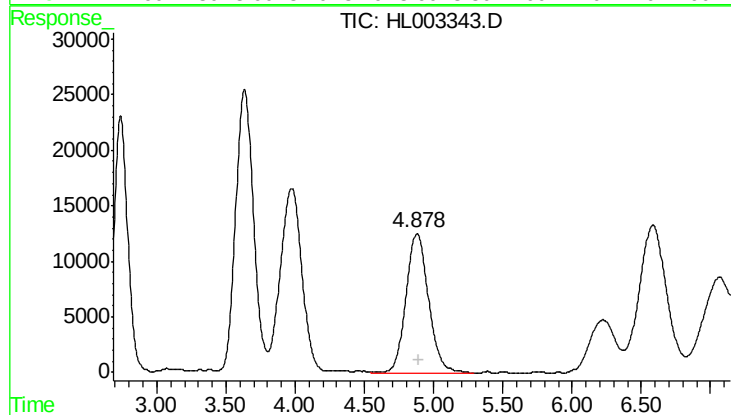
#10 2,6-Dinitrotoluene

R.T.: 8.608 min
Delta R.T.: -0.030 min
Response: 1135885
Conc: 133.98 ug/L



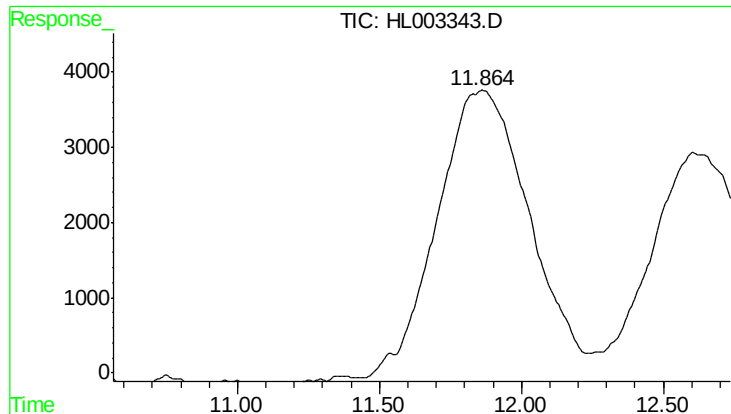
#11 1,3-Dinitrobenzene

R.T.: 3.634 min
Delta R.T.: -0.012 min
Response: 2285361
Conc: 142.08 ug/L



#12 Nitrobenzene

R.T.: 4.880 min
Delta R.T.: -0.015 min
Response: 1440485
Conc: 137.43 ug/L



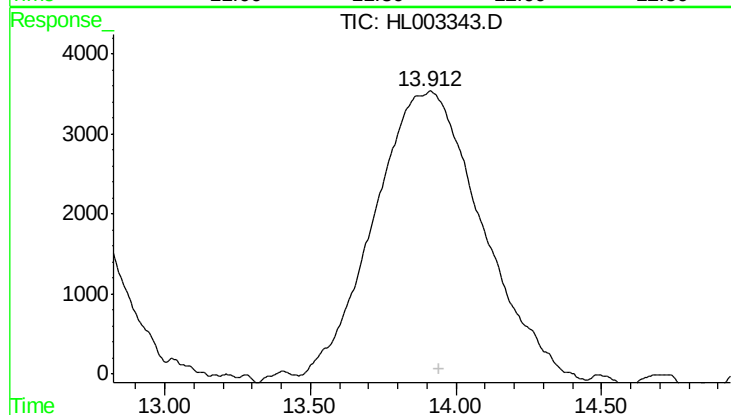
#13 2-Nitrotoluene

R.T.: 11.862 min
Delta R.T.: -0.039 min
Response: 947125
Conc: 143.39 ug/L

Instrument :
HPLC_L
ClientSampleId :
BH-BG1-TP5-SP-01QAMS1

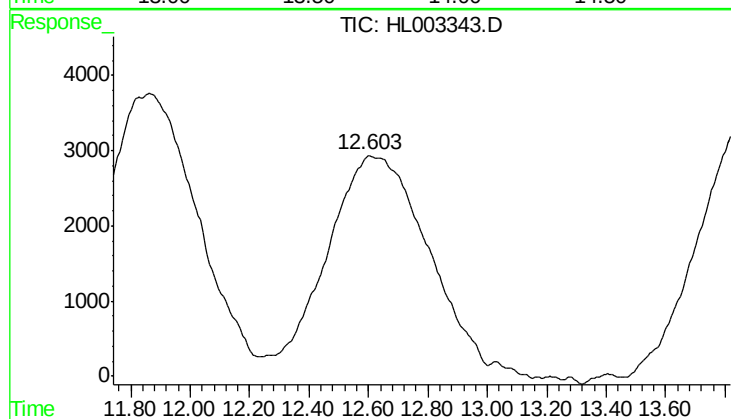
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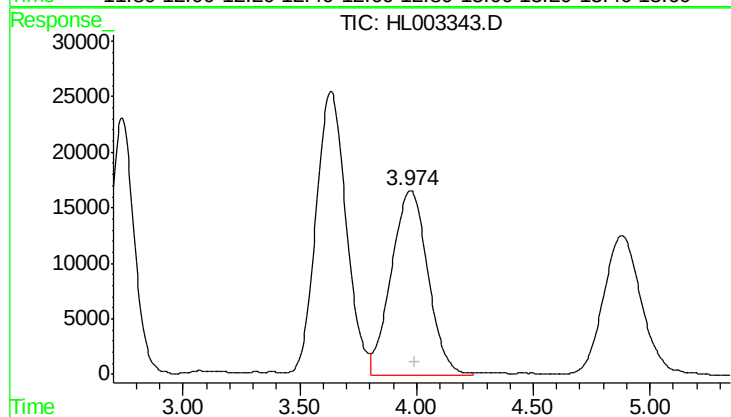
#14 3-Nitrotoluene

R.T.: 13.910 min
Delta R.T.: -0.034 min
Response: 951671
Conc: 136.50 ug/L



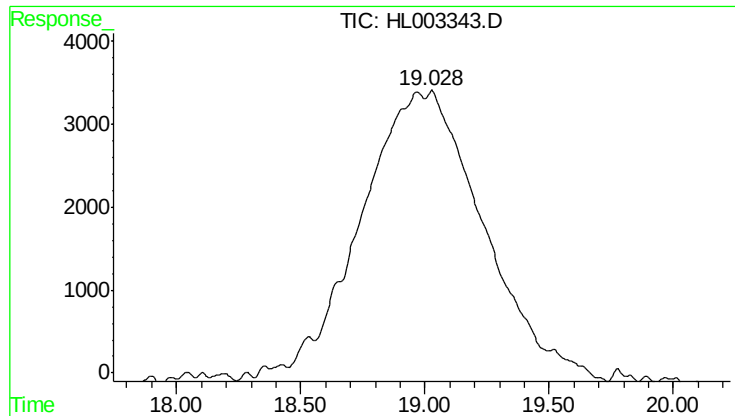
#15 4-Nitrotoluene

R.T.: 12.612 min
Delta R.T.: -0.057 min
Response: 799309
Conc: 145.17 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.976 min
Delta R.T.: -0.016 min
Response: 1810888
Conc: 130.33 ug/L



#18 PETN

R.T.: 19.026 min
Delta R.T.: -0.004 min
Response: 1229164
Conc: 125.29 ug/L

Instrument :
HPLC_L
ClientSampleId :
BH-BG1-TP5-SP-01QAMS1

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 Data File : HL003343.D
 Signal(s) : VWD1A.CH
 Acq On : 03-Aug-2012, 20:18
 Operator : HLM
 Sample : D3506-01MS1
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 BH-BG1-TP5-SP-01QAMS1

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 QLast Update : Mon Aug 06 10:08:05 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	1.358	629844	171.731 ug/L m
Spiked Amount 300.000	Range 37 - 149	Recovery =	57.24%
Target Compounds			
2) T HMX	0.913f	503572	123.887 ug/L m
3) T RDX	1.761	609921	119.473 ug/L
4) T 1,3,5-Trinitrobenzene	2.739	1604247	132.398 ug/L
5) T Tetryl	6.224	623419	72.169 ug/L
6) T 2,4,6-Trinitrotoluene	6.585	1865193	169.751 ug/L
7) T 2-Amino-4,6-dinitroto...	7.066	1433705	141.152 ug/L
8) T 4-Amino-2,6-dinitroto...	7.401	1037959	145.304 ug/L
9) T 2,4-Dinitrotoluene	8.222	2118764	140.429 ug/L
10) T 2,6-Dinitrotoluene	8.608	1135885	133.981 ug/L
11) T 1,3-Dinitrobenzene	3.634	2285361	142.079 ug/L
12) T Nitrobenzene	4.880	1440485	137.429 ug/L
13) T 2-Nitrotoluene	11.862	947125	143.394 ug/L
14) T 3-Nitrotoluene	13.910	951671	136.501 ug/L
15) T 4-Nitrotoluene	12.612	799309	145.171 ug/L
16) T 3,5-Dinitroaniline	3.976	1810888	130.327 ug/L
18) T PETN	19.026	1229164	125.292 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.