

Data Path : S:\HPCHEM1\HPLC_L\Data\HL080312\
Data File : HL003331.D
Signal(s) : VWD1A.CH
Acq On : 03-Aug-2012, 14:54
Operator : HLM
Sample : 8330-1
Misc :
ALS Vial : 7 Sample Multiplier: 1

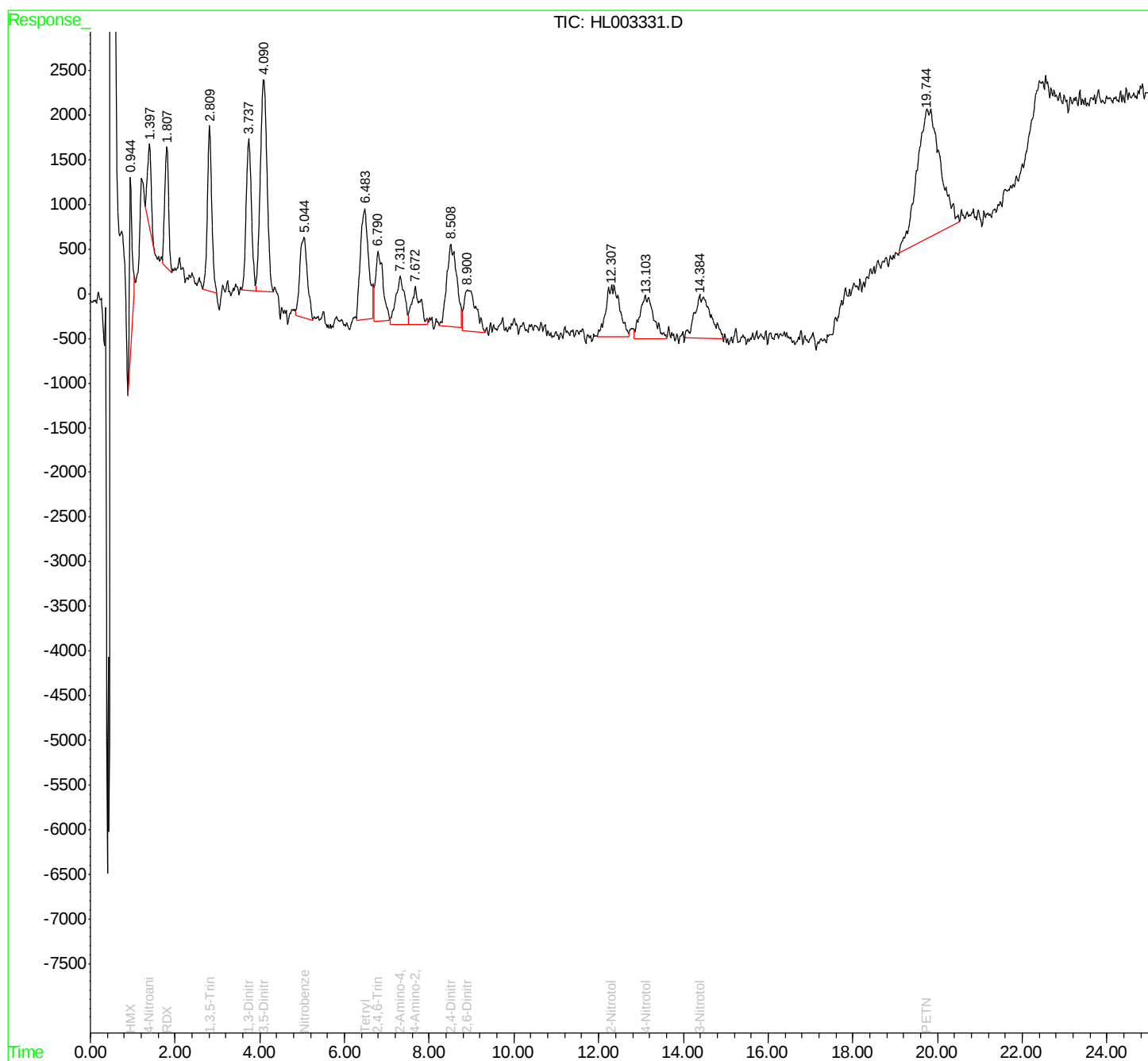
Instrument :
HPLC_L
ClientSampleId :
8330-1

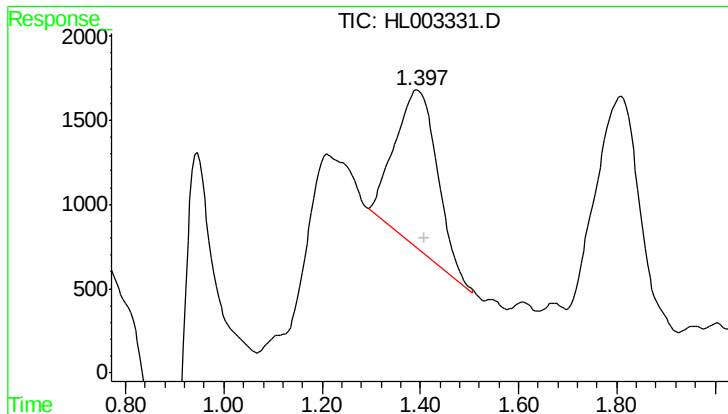
Manual Integrations
APPROVED

AHPatel
8/14/2012 1:37:50 AM

Integration File: events.e
Quant Time: Aug 07 01:47:57 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 09:53:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





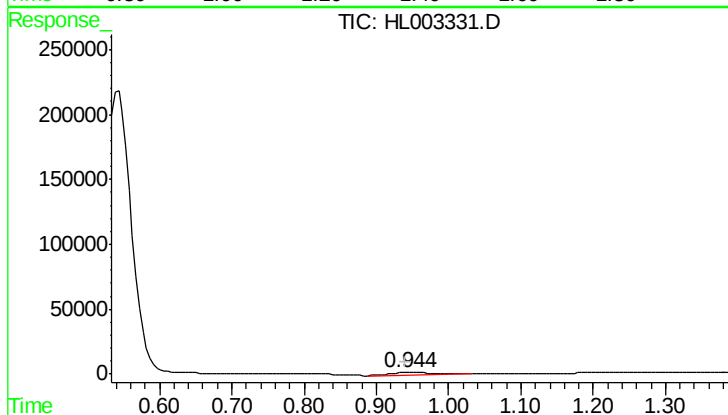
#1 4-Nitroaniline

R.T.: 1.397 min
Delta R.T.: -0.011 min
Response: 56005
Conc: 15.40 ug/L m

Instrument :
HPLC_L
ClientSampleId :
8330-1

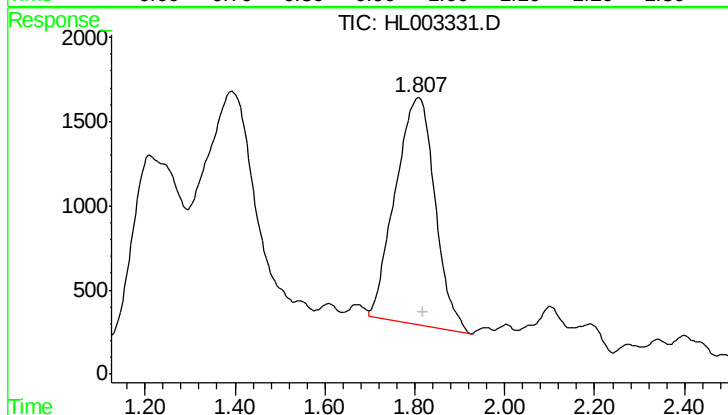
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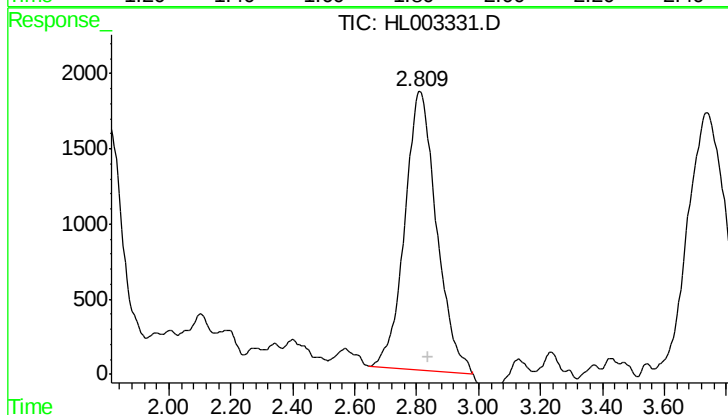
#2 HMX

R.T.: 0.944 min
Delta R.T.: 0.005 min
Response: 83609
Conc: 18.05 ug/L m



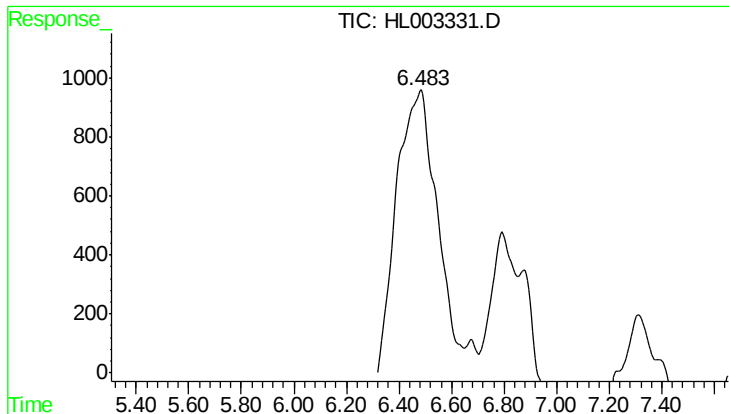
#3 RDX

R.T.: 1.809 min
Delta R.T.: -0.010 min
Response: 82741
Conc: 14.57 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.809 min
Delta R.T.: -0.028 min
Response: 131975
Conc: 10.81 ug/L m



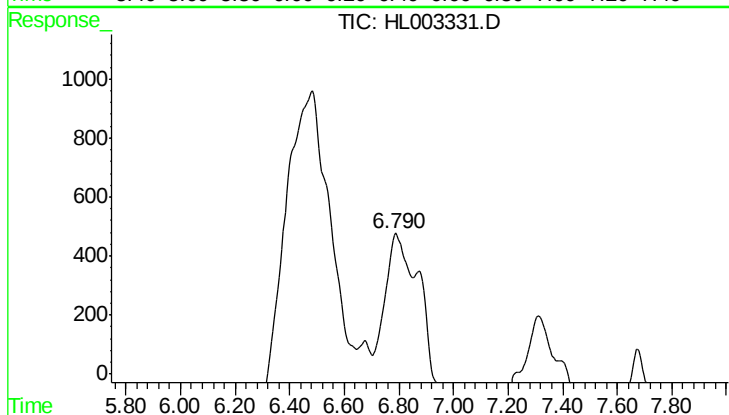
#5 Tetryl

R.T.: 6.483 min
Delta R.T.: -0.057 min
Response: 167982
Conc: 18.84 ug/L m

Instrument :
HPLC_L
ClientSampleId :
8330-1

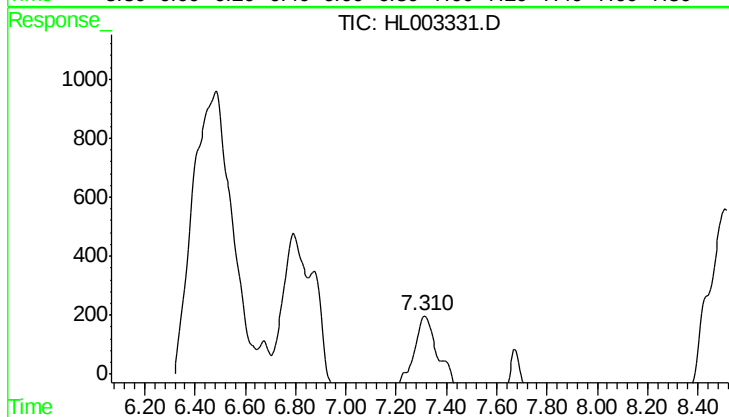
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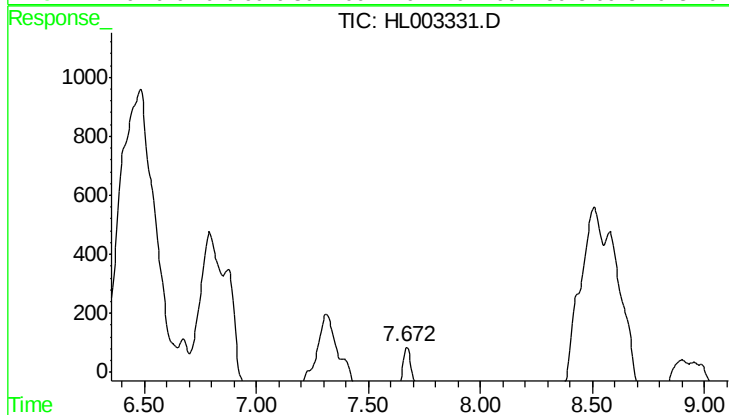
#6 2,4,6-Trinitrotoluene

R.T.: 6.790 min
Delta R.T.: -0.100 min
Response: 96282
Conc: 8.17 ug/L m



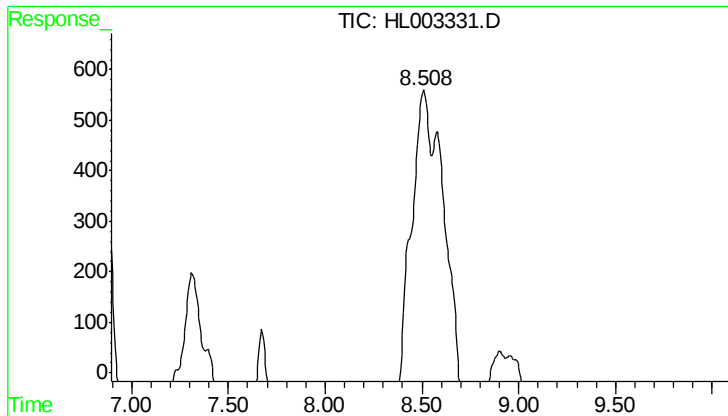
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.310 min
Delta R.T.: -0.095 min
Response: 76157
Conc: 6.82 ug/L m



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.672 min
Delta R.T.: -0.103 min
Response: 61612
Conc: 8.16 ug/L m



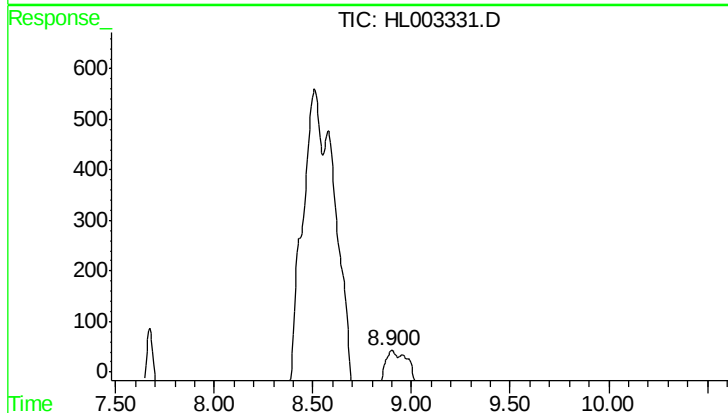
#9 2,4-Dinitrotoluene

R.T.: 8.508 min
Delta R.T.: -0.105 min
Response: 149143
Conc: 9.42 ug/L m

Instrument :
HPLC_L
ClientSampleId :
8330-1

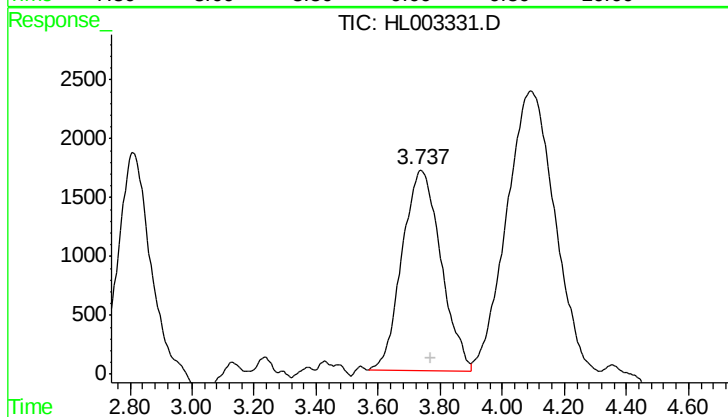
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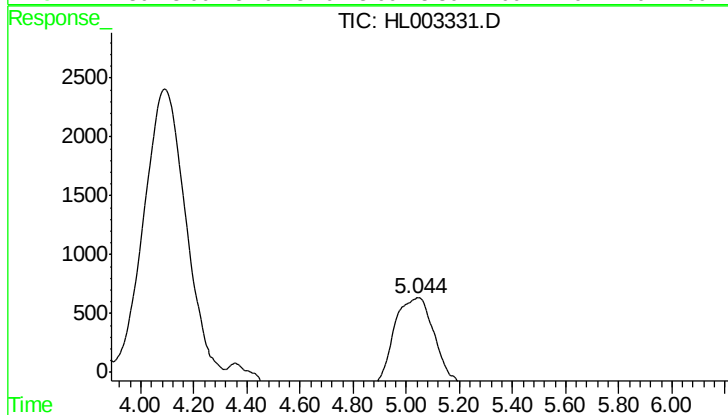
#10 2,6-Dinitrotoluene

R.T.: 8.900 min
Delta R.T.: -0.128 min
Response: 89307
Conc: 10.15 ug/L m



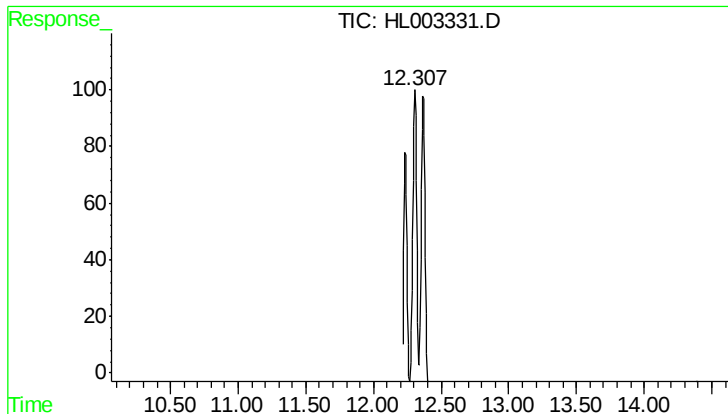
#11 1,3-Dinitrobenzene

R.T.: 3.739 min
Delta R.T.: -0.030 min
Response: 147519
Conc: 8.88 ug/L



#12 Nitrobenzene

R.T.: 5.044 min
Delta R.T.: -0.024 min
Response: 109191
Conc: 9.75 ug/L m



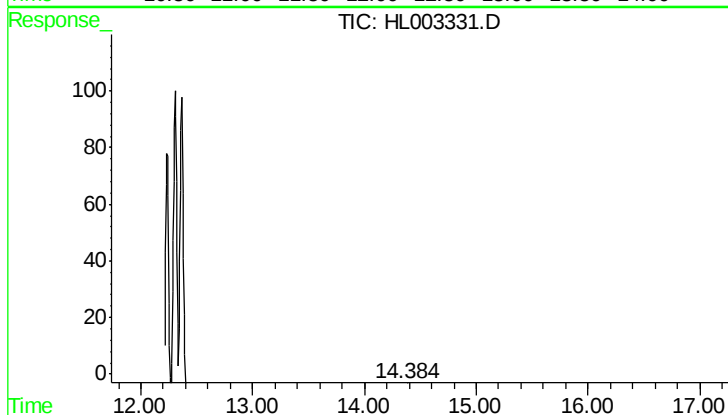
#13 2-Nitrotoluene

R.T.: 12.307 min
Delta R.T.: -0.143 min
Response: 129263
Conc: 18.53 ug/L m

Instrument :
HPLC_L
ClientSampleId :
8330-1

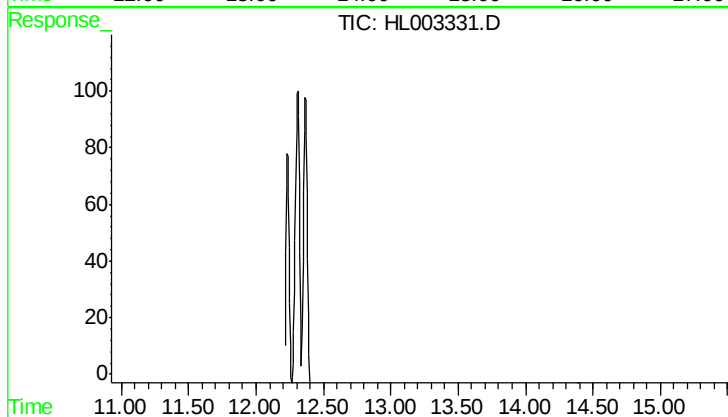
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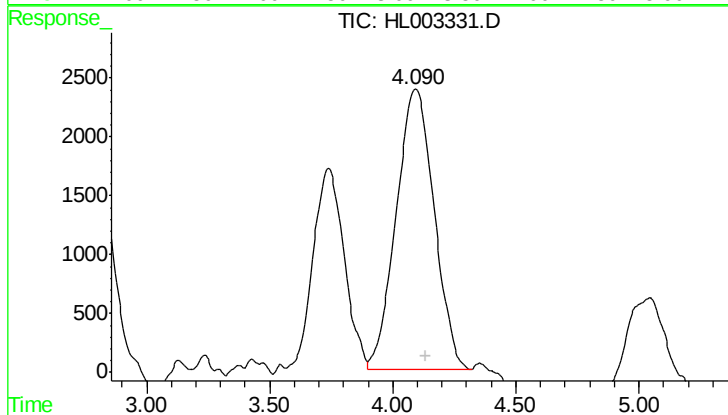
#14 3-Nitrotoluene

R.T.: 14.384 min
Delta R.T.: -0.205 min
Response: 127850
Conc: 17.31 ug/L m



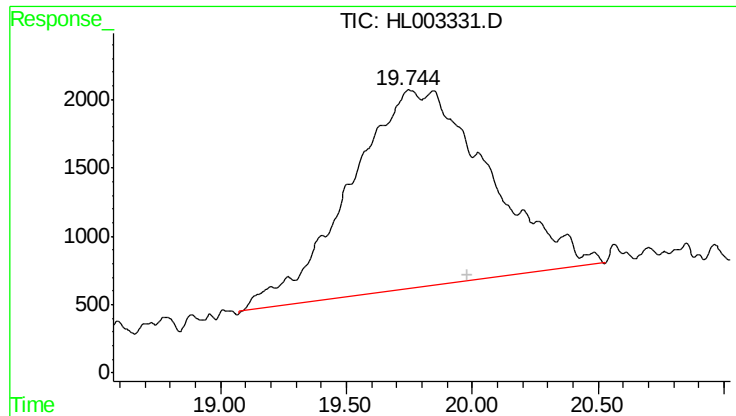
#15 4-Nitrotoluene

R.T.: 13.103 min
Delta R.T.: -0.156 min
Response: 108016
Conc: 18.17 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.093 min
Delta R.T.: -0.041 min
Response: 255184
Conc: 13.42 ug/L



#18 PETN

R.T.: 19.744 min
Delta R.T.: -0.237 min
Response: 551893
Conc: 59.66 ug/L m

Instrument :
HPLC_L
ClientSampleId :
8330-1

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 Data File : HL003331.D
 Signal(s) : VWD1A.CH
 Acq On : 03-Aug-2012, 14:54
 Operator : HLM
 Sample : 8330-1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 8330-1

Manual Integrations
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 QLast Update : Mon Aug 06 09:53:08 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	56005	15.399 ug/L m
Spiked Amount 300.000	Range 37 - 149	Recovery =	5.13%#
Target Compounds			
2) T HMX	0.944	83609	18.048 ug/L m
3) T RDX	1.809	82741	14.570 ug/L
4) T 1,3,5-Trinitrobenzene	2.809f	131975	10.812 ug/L m
5) T Tetryl	6.483f	167982	18.841 ug/L m
6) T 2,4,6-Trinitrotoluene	6.790f	96282	8.174 ug/L m
7) T 2-Amino-4,6-dinitroto...	7.310f	76157	6.819 ug/L m
8) T 4-Amino-2,6-dinitroto...	7.672f	61612	8.164 ug/L m
9) T 2,4-Dinitrotoluene	8.508f	149143	9.417 ug/L m
10) T 2,6-Dinitrotoluene	8.900f	89307	10.146 ug/L m
11) T 1,3-Dinitrobenzene	3.739f	147519	8.884 ug/L
12) T Nitrobenzene	5.044f	109191	9.749 ug/L m
13) T 2-Nitrotoluene	12.307f	129263	18.531 ug/L m
14) T 3-Nitrotoluene	14.384f	127850	17.313 ug/L m
15) T 4-Nitrotoluene	13.103f	108016	18.167 ug/L m
16) T 3,5-Dinitroaniline	4.093f	255184	13.418 ug/L
18) T PETN	19.744f	551893	59.665 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.