

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL031516\
 Data File : HL006324.D
 Signal(s) : vwd1A.ch
 Acq On : 15-Mar-2016, 15:06
 Operator : UM/MA
 Sample : HSTDICV0500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 HSTDICV0500

Manual Integrations
 APPROVED

Sohil
 3/18/2016 3:02:37 PM

Integration File: AUTOINT1.E
 Quant Time: Mar 16 13:31:16 2016
 Quant Method : Z:\HPCHEM1\HPLC_L\Methods\HL031516.M
 Quant Title :
 QLast Update : Tue Mar 15 18:28:19 2016
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	2.124	907711	510.325 ug/L m
Target Compounds			
2) T HMX	1.272	2024208	403.157 ug/L m
3) T RDX	2.222	3888833	407.548 ug/L m
4) T 1,3,5-Trinitrobenzene	3.566	5230568	399.465 ug/L m
5) T 1,3-Dinitrobenzene	4.723	8116155	412.227 ng/ml
6) T 3,5-Dinitroaniline	5.444	6144057	405.502 ug/L
7) T Nitrobenzene	6.094	5006419	428.578 ug/L
8) T Tetryl	8.121	2682195	351.266 ug/L
9) T 2,4,6-Trinitrotoluene	8.578	6174339	493.423 ug/L
10) T 2-Amino-4,6-dinitroto...	9.763	5775497	437.379 ug/L
11) T 4-Amino-2,6-dinitroto...	10.271	3466495	417.511 ug/L
12) T 2,4-Dinitrotoluene	10.996	7401881	398.738 ug/L
13) T 2,6-Dinitrotoluene	11.350	3880537	413.758 ug/L
14) T 2-Nitrotoluene	15.346	9317128	408.765 ug/L
15) T 4-Nitrotoluene	16.670	7603649	416.414 ug/L
16) T 3-Nitrotoluene	18.060	10226065	411.609 ug/L
17) T PETN	19.049f	4262607	344.946 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL031516\
Data File : HL006324.D
Signal(s) : vwd1A.ch
Acq On : 15-Mar-2016, 15:06
Operator : UM/MA
Sample : HSTDICV0500
Misc :
ALS Vial : 7 Sample Multiplier: 1

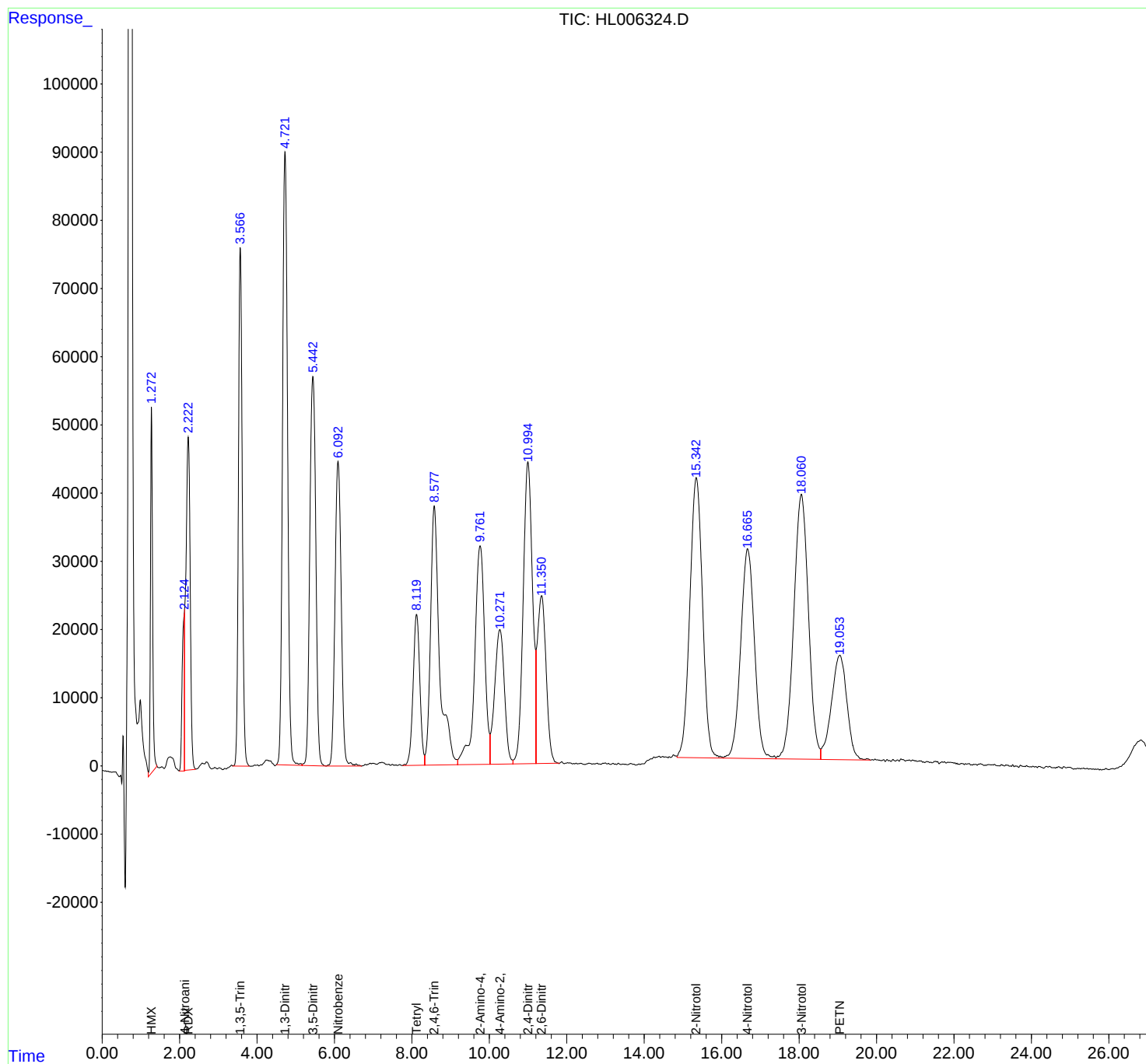
Instrument :
HPLC_L
ClientSampleId :
HSTDICV0500

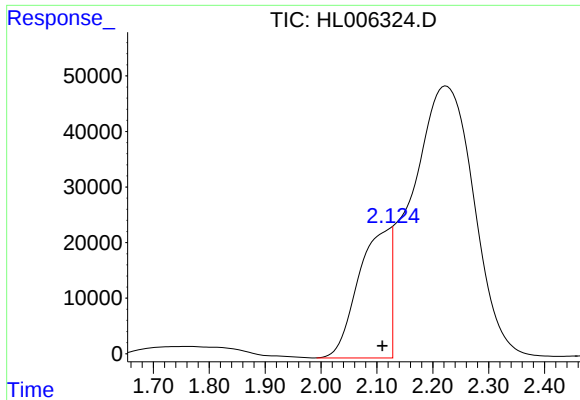
Manual Integrations
APPROVED

Sohil
3/18/2016 3:02:37 PM

Integration File: AUTOINT1.E
Quant Time: Mar 16 13:31:16 2016
Quant Method : Z:\HPCHEM1\HPLC_L\Methods\HL031516.M
Quant Title :
QLast Update : Tue Mar 15 18:28:19 2016
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





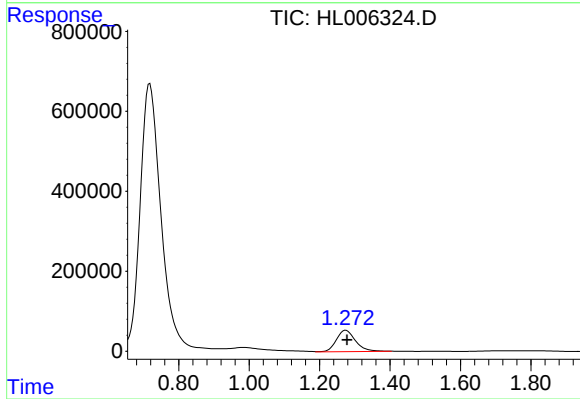
#1 4-Nitroaniline

R.T.: 2.124 min
Delta R.T.: 0.014 min
Response: 907711
Conc: 510.32 ug/L m

Instrument :
HPLC_L
ClientSampleId :
HSTDICV0500

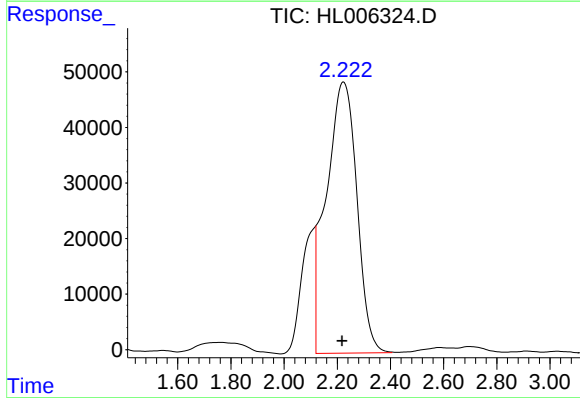
Manual Integrations
APPROVED

Sohil
3/18/2016 3:02:37 PM



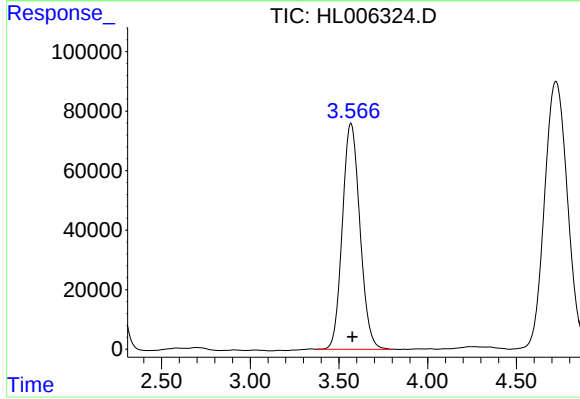
#2 HMX

R.T.: 1.272 min
Delta R.T.: -0.005 min
Response: 2024208
Conc: 403.16 ug/L m



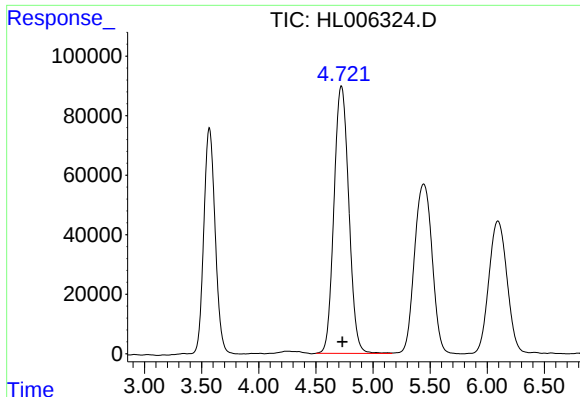
#3 RDX

R.T.: 2.222 min
Delta R.T.: 0.003 min
Response: 3888833
Conc: 407.55 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.566 min
Delta R.T.: -0.010 min
Response: 5230568
Conc: 399.46 ug/L m



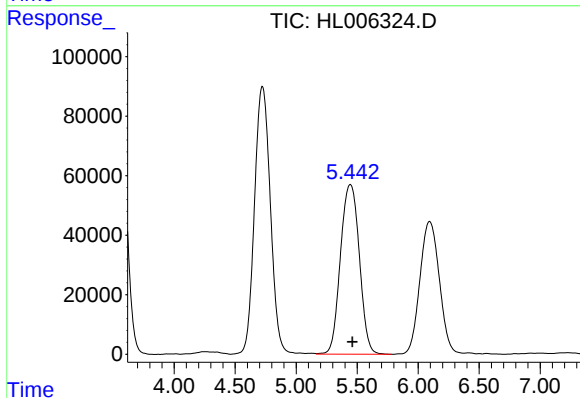
#5 1,3-Dinitrobenzene

R.T.: 4.723 min
Delta R.T.: -0.011 min
Response: 8116155
Conc: 412.23 ng/ml

Instrument :
HPLC_L
ClientSampleId :
HSTDICV0500

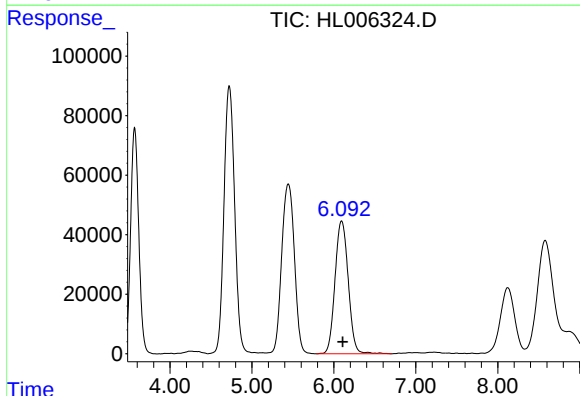
Manual Integrations
APPROVED

Sohil
3/18/2016 3:02:37 PM



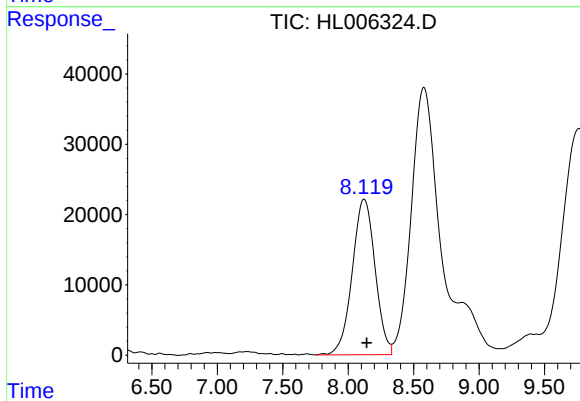
#6 3,5-Dinitroaniline

R.T.: 5.444 min
Delta R.T.: -0.017 min
Response: 6144057
Conc: 405.50 ug/L



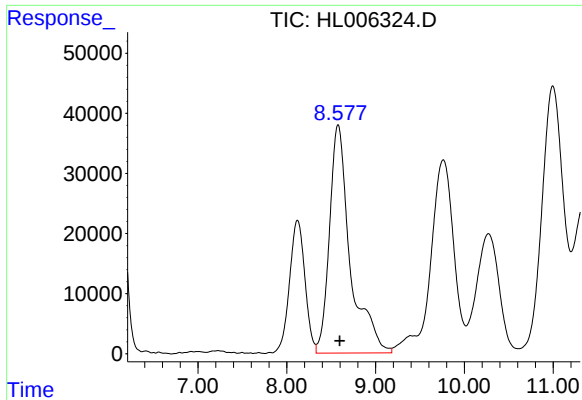
#7 Nitrobenzene

R.T.: 6.094 min
Delta R.T.: -0.014 min
Response: 5006419
Conc: 428.58 ug/L



#8 Tetryl

R.T.: 8.121 min
Delta R.T.: -0.020 min
Response: 2682195
Conc: 351.27 ug/L



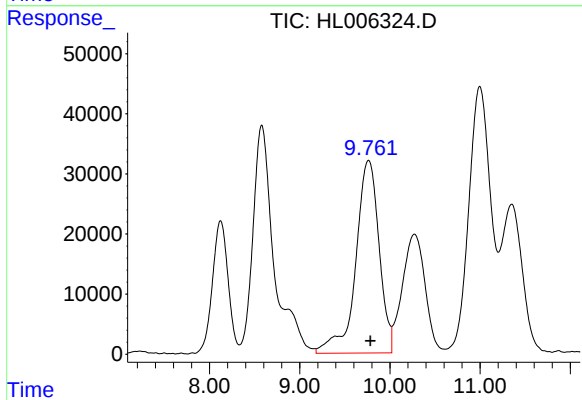
#9 2,4,6-Trinitrotoluene

R.T.: 8.578 min
Delta R.T.: -0.018 min
Response: 6174339
Conc: 493.42 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICV0500

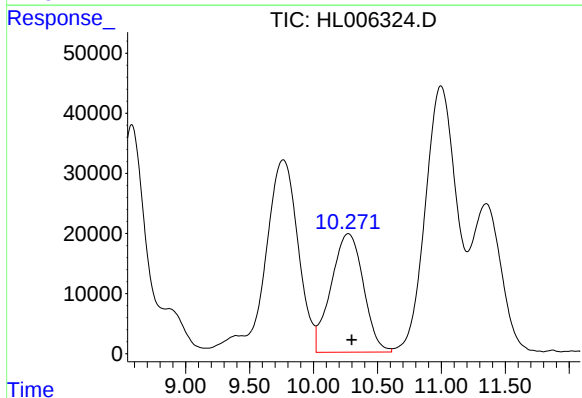
Manual Integrations
APPROVED

Sohil
3/18/2016 3:02:37 PM



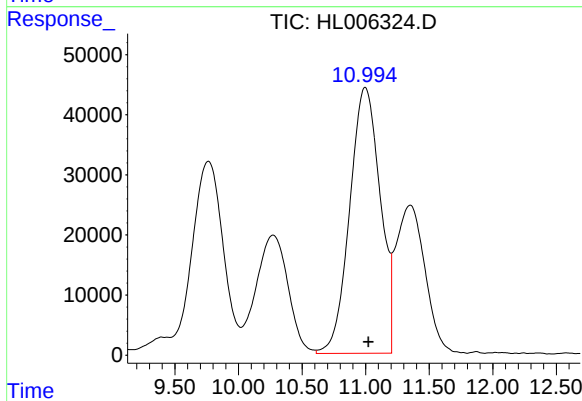
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.763 min
Delta R.T.: -0.023 min
Response: 5775497
Conc: 437.38 ug/L



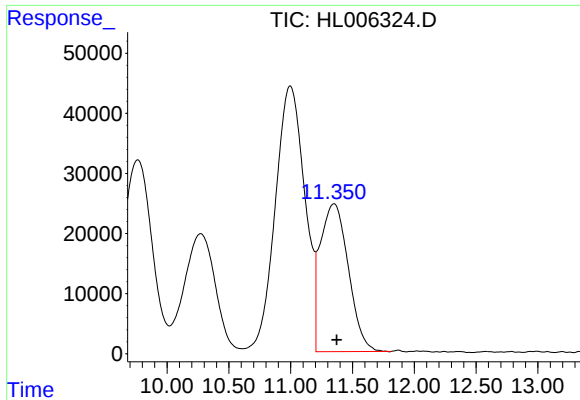
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.271 min
Delta R.T.: -0.028 min
Response: 3466495
Conc: 417.51 ug/L



#12 2,4-Dinitrotoluene

R.T.: 10.996 min
Delta R.T.: -0.026 min
Response: 7401881
Conc: 398.74 ug/L



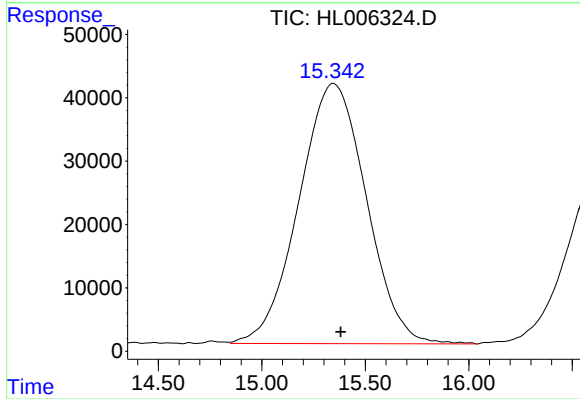
#13 2,6-Dinitrotoluene

R.T.: 11.350 min
Delta R.T.: -0.022 min
Response: 3880537
Conc: 413.76 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICV0500

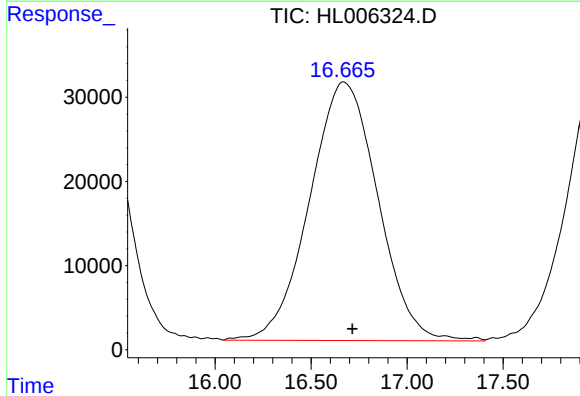
Manual Integrations
APPROVED

Sohil
3/18/2016 3:02:37 PM



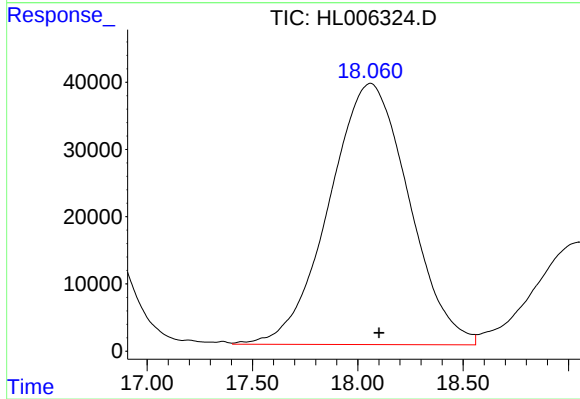
#14 2-Nitrotoluene

R.T.: 15.346 min
Delta R.T.: -0.036 min
Response: 9317128
Conc: 408.77 ug/L



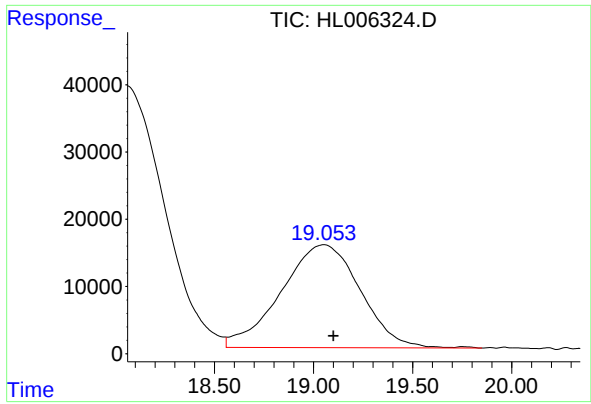
#15 4-Nitrotoluene

R.T.: 16.670 min
Delta R.T.: -0.044 min
Response: 7603649
Conc: 416.41 ug/L



#16 3-Nitrotoluene

R.T.: 18.060 min
Delta R.T.: -0.041 min
Response: 10226065
Conc: 411.61 ug/L



#17 PETN

R.T.: 19.049 min
Delta R.T.: -0.051 min
Response: 4262607
Conc: 344.95 ug/L

Instrument :
HPLC_L
ClientSampleId :
HSTDICV0500

Manual Integrations
APPROVED

Sohil
3/18/2016 3:02:37 PM