

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL032213\
 Data File : HL005183.D
 Signal(s) : VWD1A.CH
 Acq On : 22-Mar-2013, 19:32
 Operator : QM
 Sample : E1570-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 38172

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 26 03:48:13 2013
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL032013.M
 Quant Title :
 QLast Update : Wed Mar 20 17:38:00 2013
 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	1.388	1500919	337.299 ug/L
Target Compounds			
2) T HMX	0.934	2371145	506.444 ug/L m
3) T RDX	1.797	2559621	479.668 ug/L
4) T 1,3,5-Trinitrobenzene	2.797	9157579	779.509 ug/L
5) T 3,5-Dinitroaniline	3.711	17243047	1023.533 ng/ml
7) T Nitrobenzene	4.990	7793946	740.210 ug/L
8) T Tetryl	6.525	3403212	440.807 ug/L
9) T 2,4,6-Trinitrotoluene	6.825	5455049	452.309 ug/L
10) T 2-Amino-4,6-dinitroto...	7.335	8744743	714.367 ug/L m
12) T 2,4-Dinitrotoluene	8.534	15438275	948.516 ug/L
14) T 2-Nitrotoluene	12.336	4816976	684.419 ug/L
15) T 4-Nitrotoluene	13.108	2521933	438.262 ug/L
16) T 3-Nitrotoluene	14.442	3009862	394.234 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL032213\
Data File : HL005183.D
Signal(s) : VWD1A.CH
Acq On : 22-Mar-2013, 19:32
Operator : QM
Sample : E1570-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

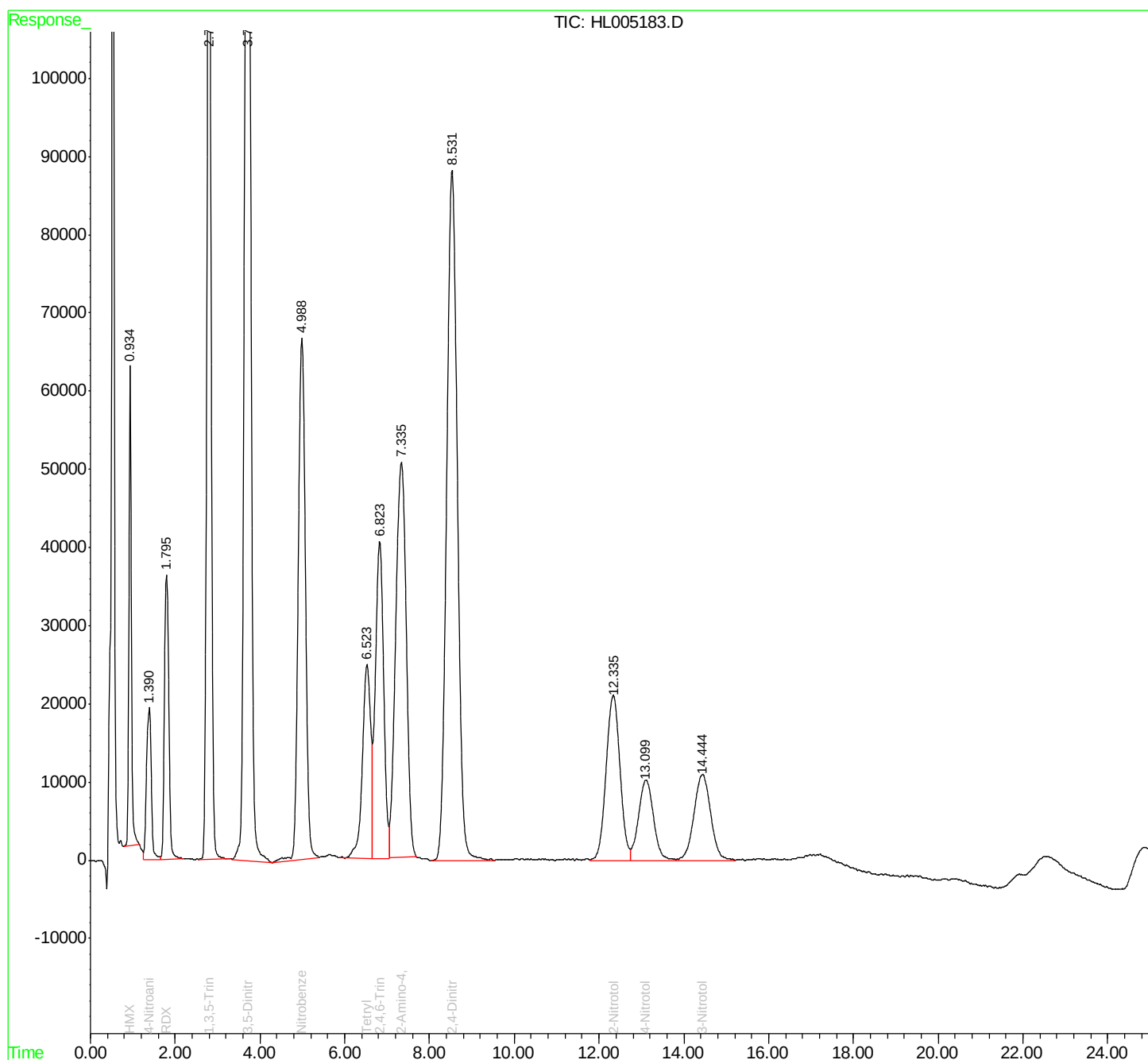
Instrument :
HPLC_L
ClientSampleId :
38172

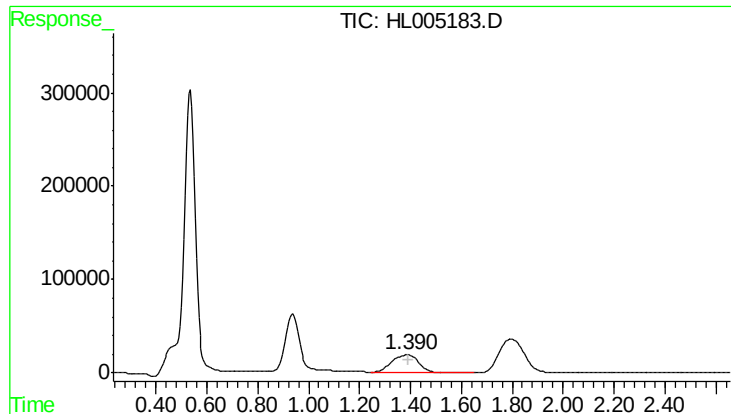
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Integration File: autoint1.e
Quant Time: Mar 26 03:48:13 2013
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL032013.M
Quant Title :
QLast Update : Wed Mar 20 17:38:00 2013
Response via : Initial Calibration
Integrator: ChemStation

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





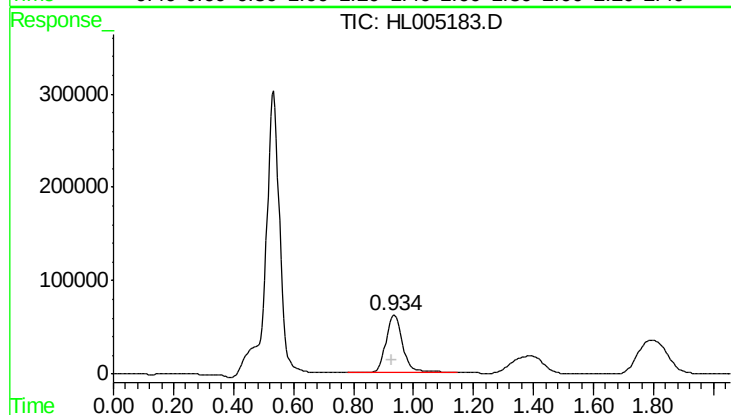
#1 4-Nitroaniline

R.T.: 1.388 min
 Delta R.T.: -0.006 min
 Response: 1500919
 Conc: 337.30 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 38172

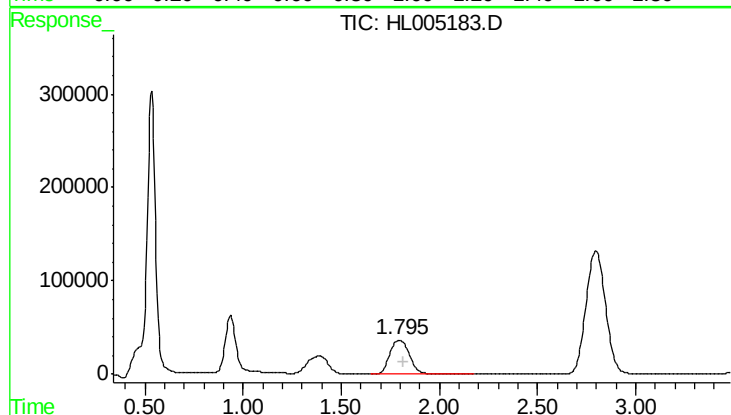
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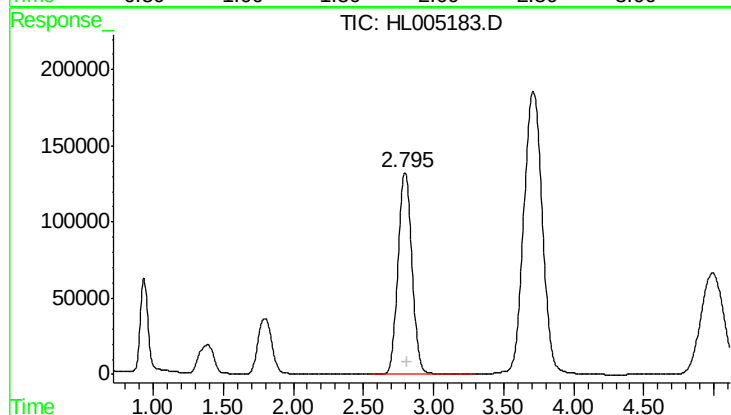
#2 HMX

R.T.: 0.934 min
 Delta R.T.: 0.006 min
 Response: 2371145
 Conc: 506.44 ug/L m



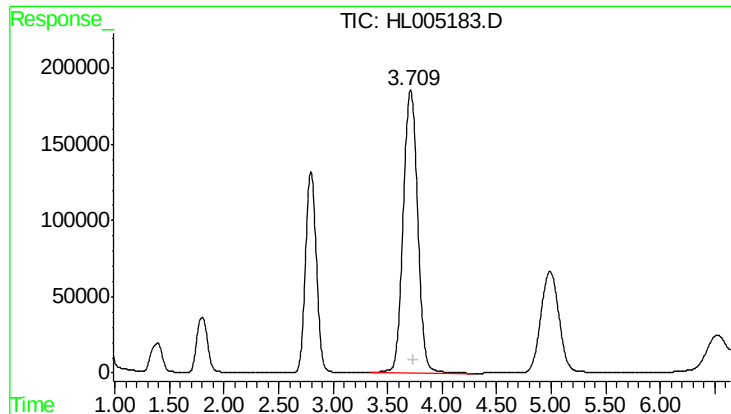
#3 RDX

R.T.: 1.797 min
 Delta R.T.: -0.020 min
 Response: 2559621
 Conc: 479.67 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.797 min
 Delta R.T.: -0.012 min
 Response: 9157579
 Conc: 779.51 ug/L



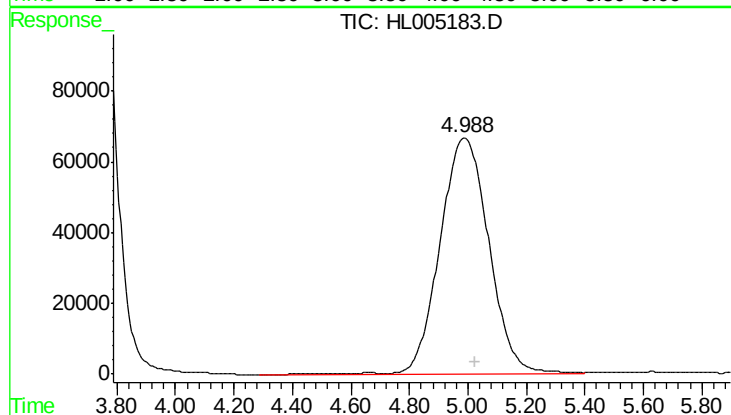
#5 3,5-Dinitroaniline

R.T.: 3.711 min
Delta R.T.: -0.031 min
Response: 17243047
Conc: 1023.53 ng/ml

Instrument :
HPLC_L
ClientSampleId :
38172

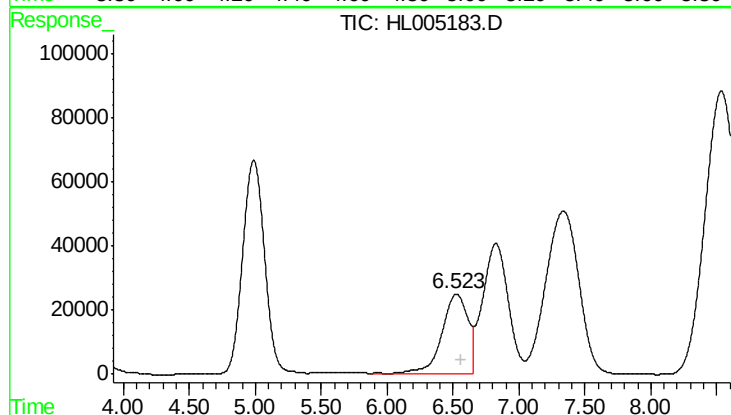
Manual Integrations
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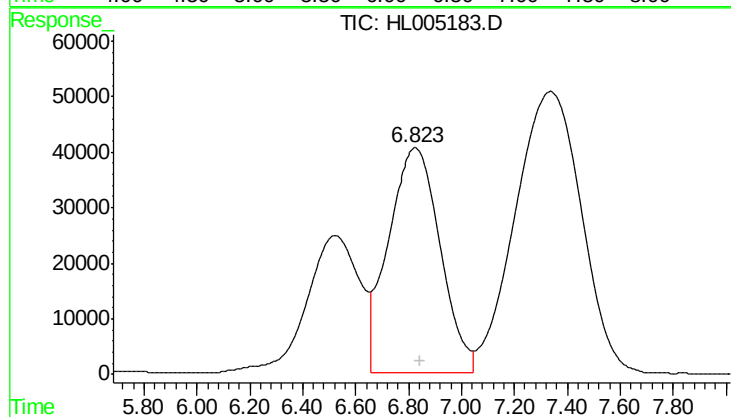
#7 Nitrobenzene

R.T.: 4.990 min
Delta R.T.: -0.036 min
Response: 7793946
Conc: 740.21 ug/L



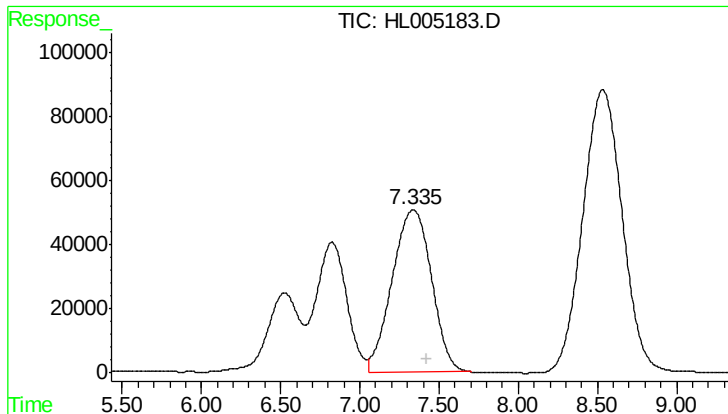
#8 Tetryl

R.T.: 6.525 min
Delta R.T.: -0.034 min
Response: 3403212
Conc: 440.81 ug/L



#9 2,4,6-Trinitrotoluene

R.T.: 6.825 min
Delta R.T.: -0.021 min
Response: 5455049
Conc: 452.31 ug/L



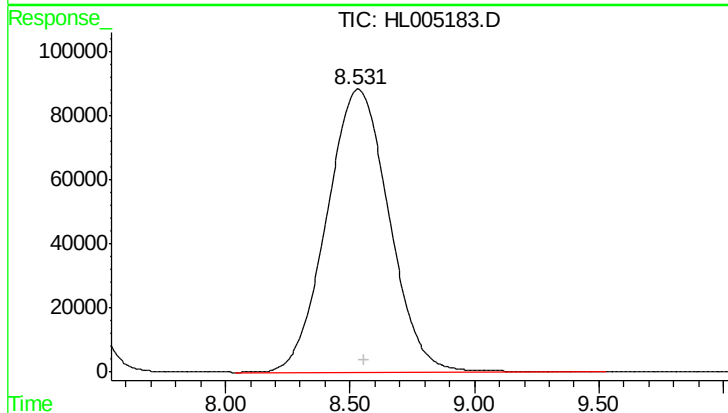
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.335 min
Delta R.T.: -0.088 min
Response: 8744743
Conc: 714.37 ug/L

Instrument :
HPLC_L
ClientSampleId :
38172

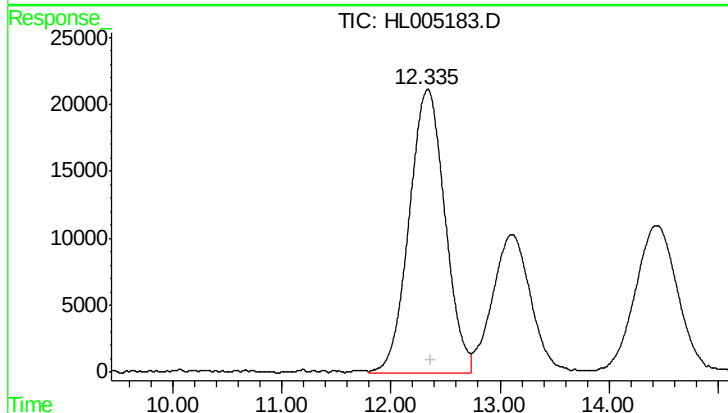
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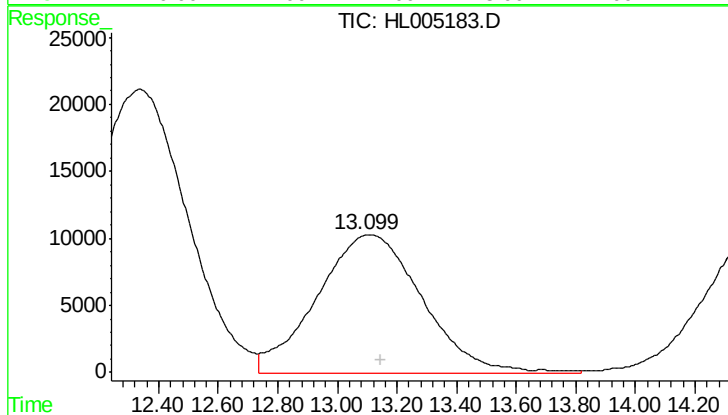
#12 2,4-Dinitrotoluene

R.T.: 8.534 min
Delta R.T.: -0.026 min
Response: 15438275
Conc: 948.52 ug/L



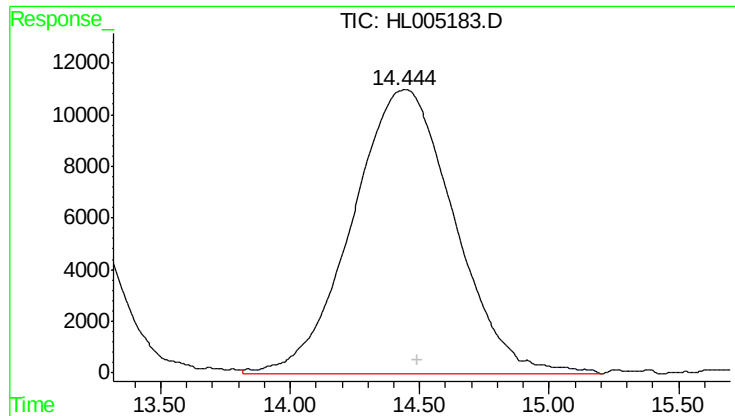
#14 2-Nitrotoluene

R.T.: 12.336 min
Delta R.T.: -0.026 min
Response: 4816976
Conc: 684.42 ug/L



#15 4-Nitrotoluene

R.T.: 13.108 min
Delta R.T.: -0.040 min
Response: 2521933
Conc: 438.26 ug/L



#16 3-Nitrotoluene

R.T.: 14.442 min
Delta R.T.: -0.047 min
Response: 3009862
Conc: 394.23 ug/L

Instrument :
HPLC_L
ClientSampleId :
38172

Manual Integrations
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Data Path : Z:\HPCHEM1\HPLC_L\Data\HL061813\
 Data File : HL005433.D
 Signal(s) : VWD1A.CH
 Acq On : 18-Jun-2013, 23:57
 Operator : QM
 Sample : E1570-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 38172

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jun 20 07:29:27 2013
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL061813.M
 Quant Title :
 QLast Update : Wed Jun 19 15:50:10 2013
 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	5.478	2869301	288.756 ug/L m
Target Compounds			
2) T HMX	4.083	4784604	527.294 ug/L m
3) T RDX	6.566	5147504	436.176 ug/L m
4) T 1,3,5-Trinitrobenzene	9.114	18539000	740.186 ug/L m
6) T 3,5-Dinitroaniline	12.150f	36772955	1136.813 ug/L m
7) T Tetryl	13.202	9336421	449.457 ug/L
8) T Nitrobenzene	14.425	16616223	694.130 ug/L m
9) T 2,4,6-Trinitrotoluene	15.752	10042359	394.381 ug/L m
11) T 2-Amino-4,6-dinitroto...	17.150	19096587	656.253 ug/L m
13) T 2,4-Dinitrotoluene	20.018	32007870	837.589 ug/L
14) T 2-Nitrotoluene	24.622f	10575772	692.515 ug/L m
15) T 4-Nitrotoluene	26.472f	5638890	421.919 ug/L m
16) T 3-Nitrotoluene	28.595f	6194563	385.584 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL061813\
Data File : HL005433.D
Signal(s) : VWD1A.CH
Acq On : 18-Jun-2013, 23:57
Operator : QM
Sample : E1570-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

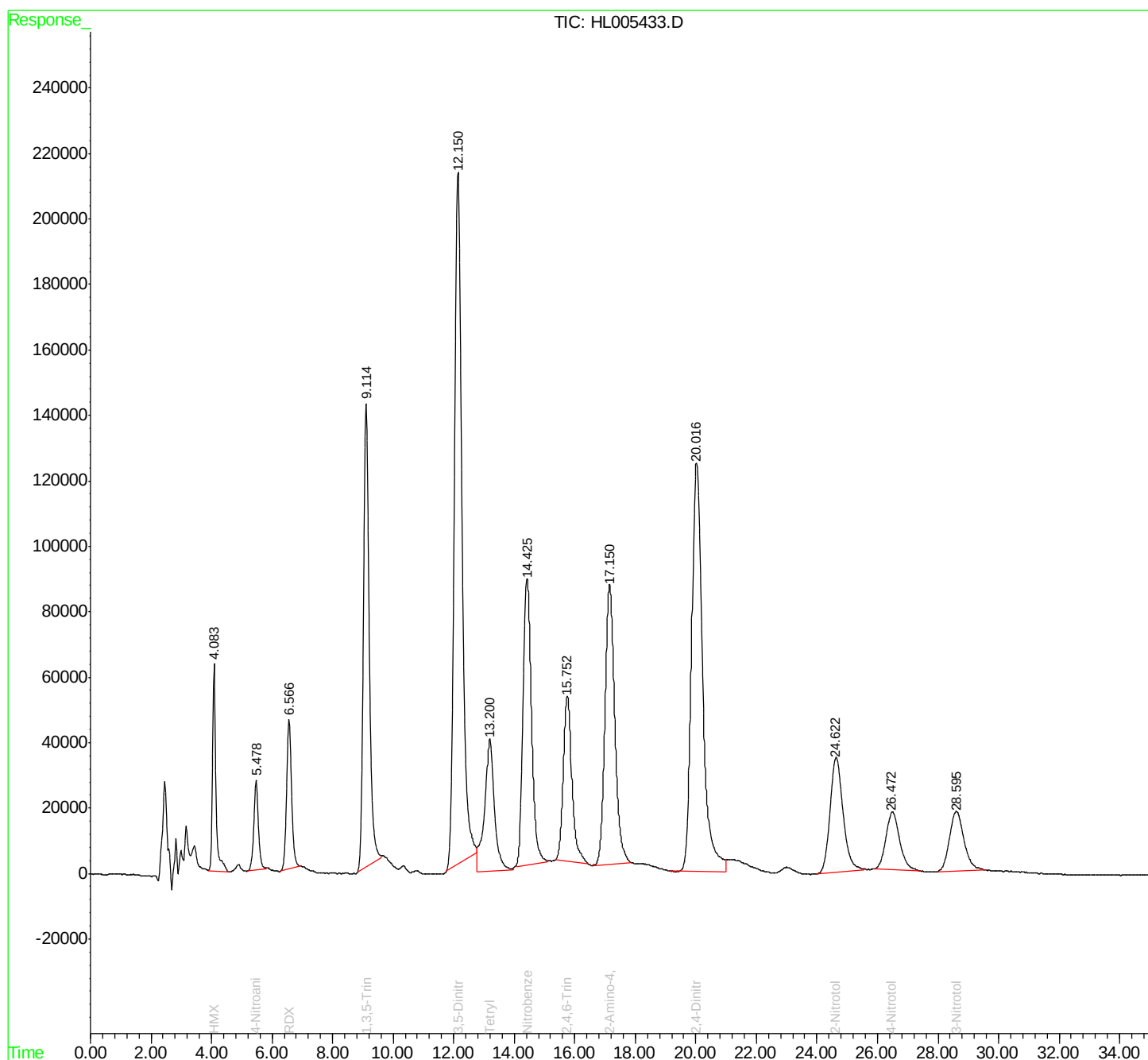
Instrument :
HPLC_L
ClientSampleID :
38172

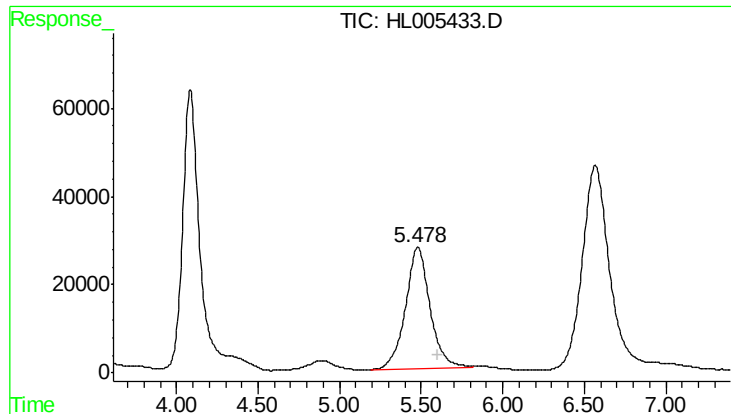
Manual Integrations
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Integration File: autoint1.e
Quant Time: Jun 20 07:29:27 2013
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL061813.M
Quant Title :
QLast Update : Wed Jun 19 15:50:10 2013
Response via : Initial Calibration
Integrator: ChemStation

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





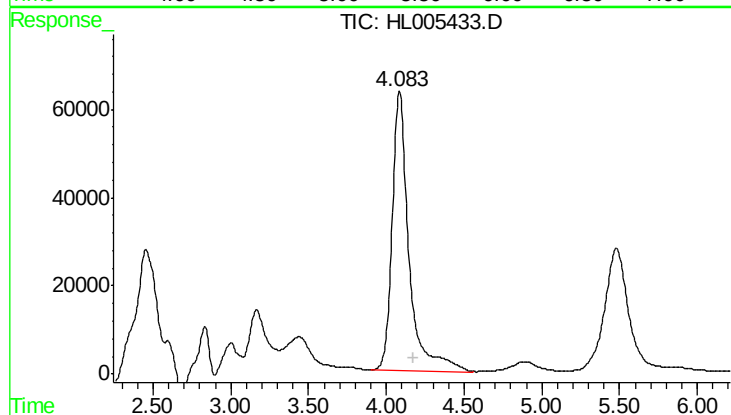
#1 4-Nitroaniline

R.T.: 5.478 min
Delta R.T.: -0.129 min
Response: 2869301
Conc: 288.76 ug/L m

Instrument :
HPLC_L
ClientSampleId :
38172

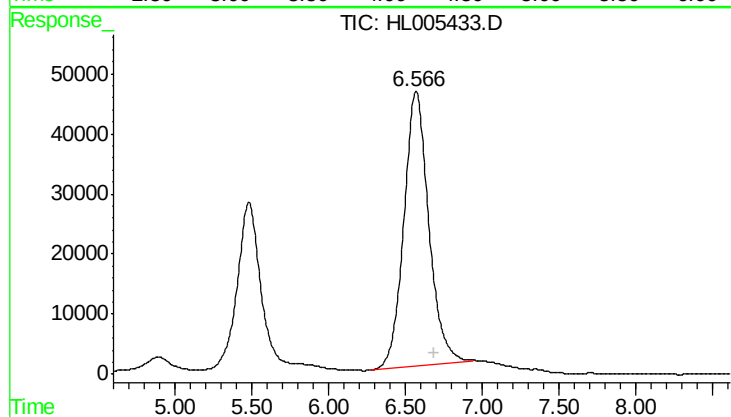
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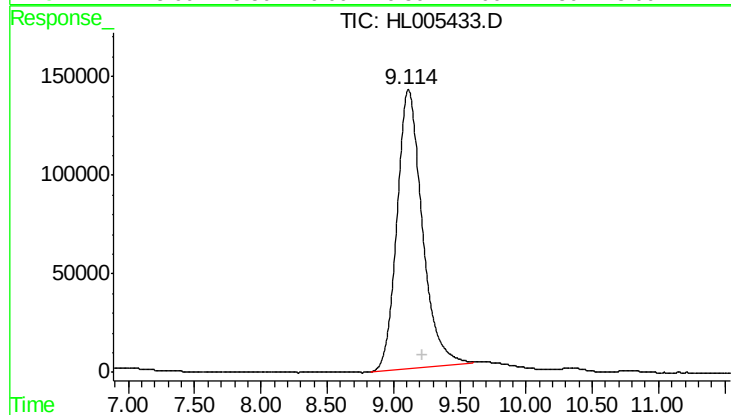
#2 HMX

R.T.: 4.083 min
Delta R.T.: -0.095 min
Response: 4784604
Conc: 527.29 ug/L m



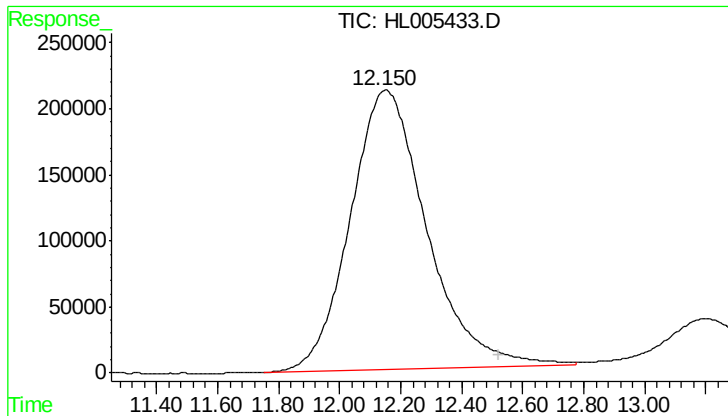
#3 RDX

R.T.: 6.566 min
Delta R.T.: -0.122 min
Response: 5147504
Conc: 436.18 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 9.114 min
Delta R.T.: -0.108 min
Response: 18539000
Conc: 740.19 ug/L m



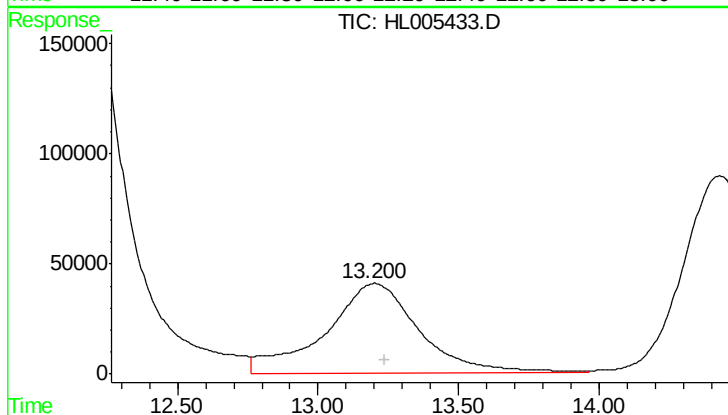
#6 3,5-Dinitroaniline

R.T.: 12.150 min
Delta R.T.: -0.370 min
Response: 36772955
Conc: 1136.81 ug/L

Instrument :
HPLC_L
ClientSampleId :
38172

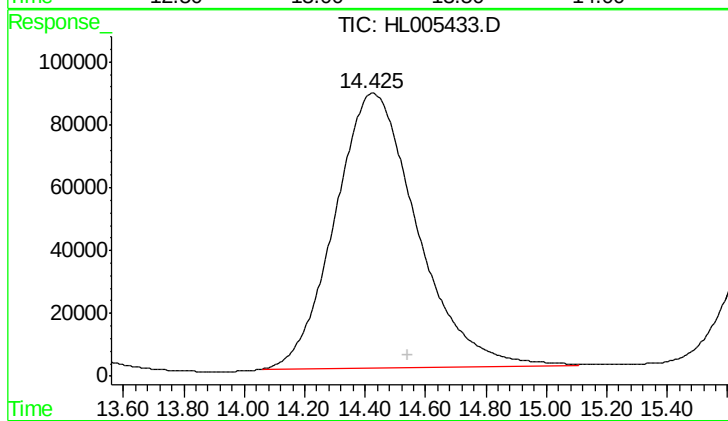
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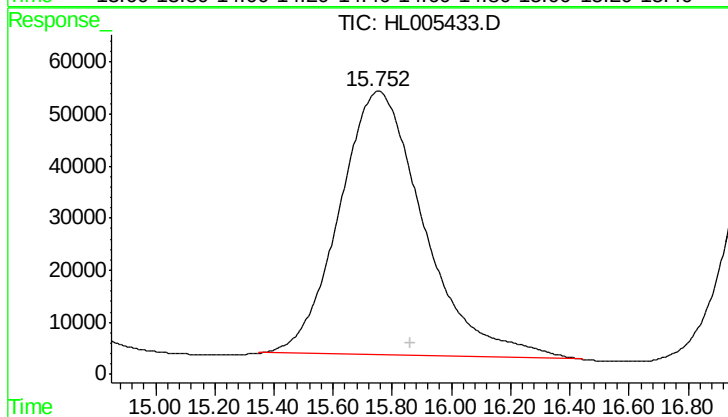
#7 Tetryl

R.T.: 13.202 min
Delta R.T.: -0.037 min
Response: 9336421
Conc: 449.46 ug/L



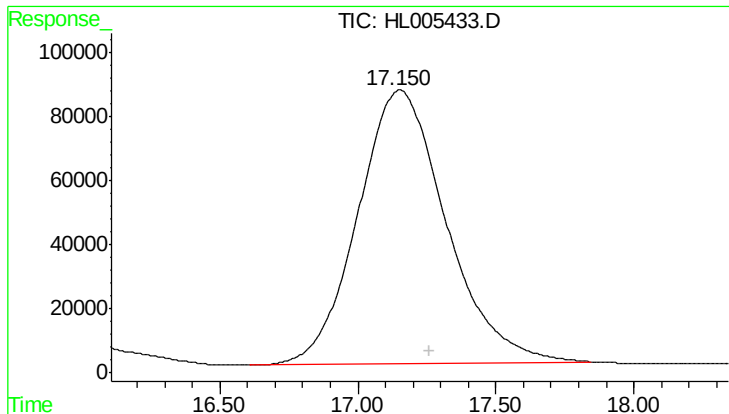
#8 Nitrobenzene

R.T.: 14.425 min
Delta R.T.: -0.115 min
Response: 16616223
Conc: 694.13 ug/L m



#9 2,4,6-Trinitrotoluene

R.T.: 15.752 min
Delta R.T.: -0.108 min
Response: 10042359
Conc: 394.38 ug/L m



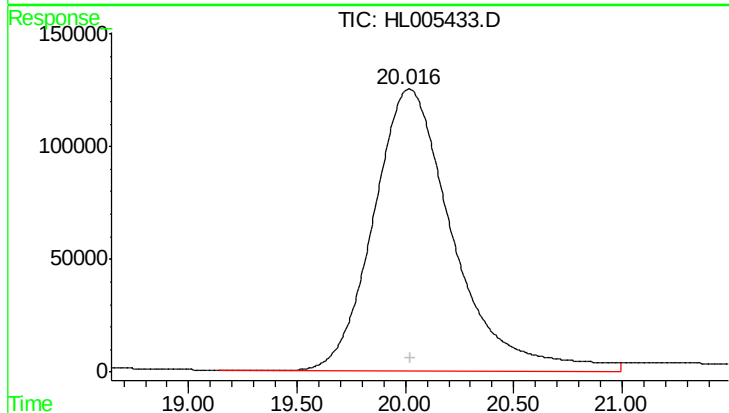
#11 2-Amino-4,6-dinitrotoluene

R.T.: 17.150 min
Delta R.T.: -0.110 min
Response: 19096587
Conc: 656.25 ug/L m

Instrument :
HPLC_L
ClientSampleId :
38172

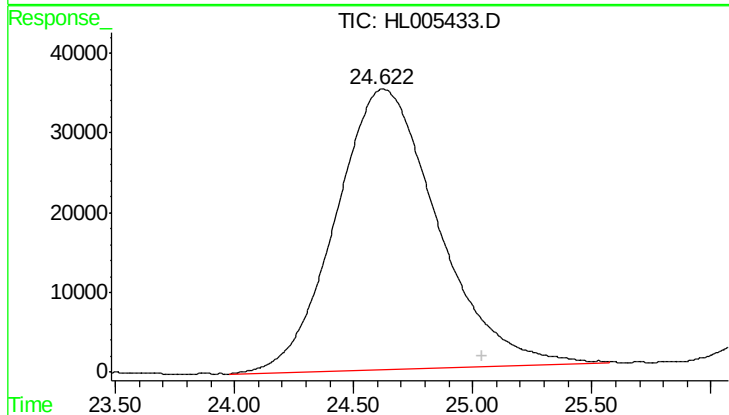
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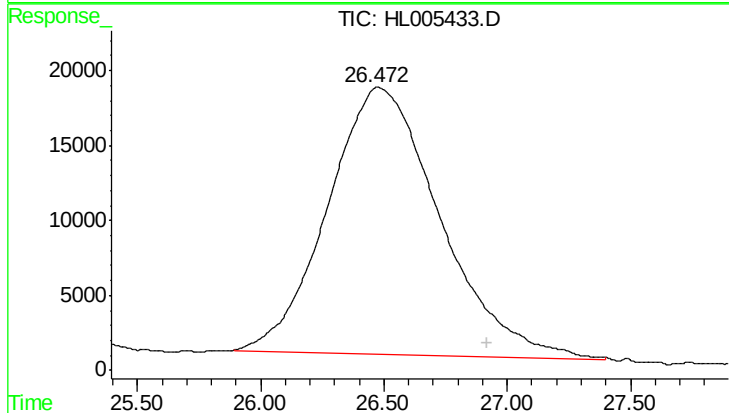
#13 2,4-Dinitrotoluene

R.T.: 20.018 min
Delta R.T.: -0.002 min
Response: 32007870
Conc: 837.59 ug/L



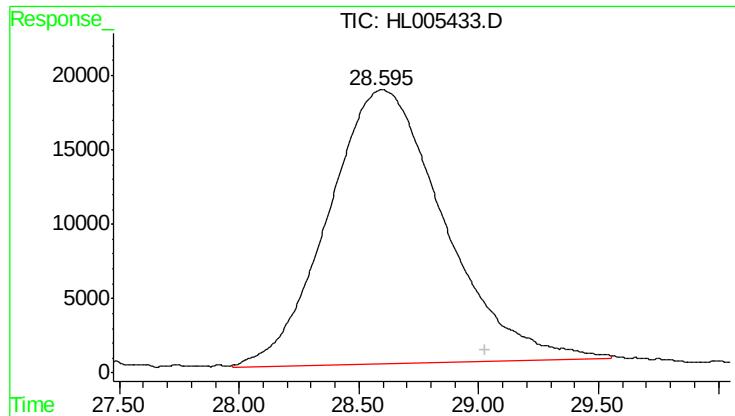
#14 2-Nitrotoluene

R.T.: 24.622 min
Delta R.T.: -0.418 min
Response: 10575772
Conc: 692.52 ug/L m



#15 4-Nitrotoluene

R.T.: 26.472 min
Delta R.T.: -0.448 min
Response: 5638890
Conc: 421.92 ug/L m



#16 3-Nitrotoluene

R.T.: 28.595 min
Delta R.T.: -0.435 min
Response: 6194563
Conc: 385.58 ug/L m

Instrument :
HPLC_L
ClientSampleId :
38172

Manual Integrations
APPROVED

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