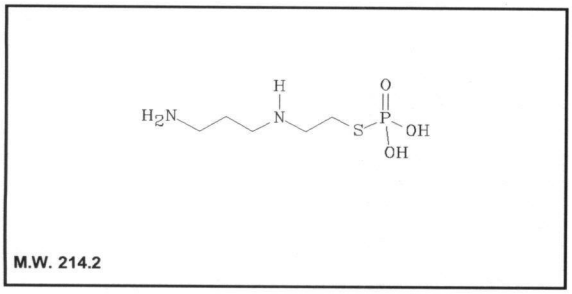
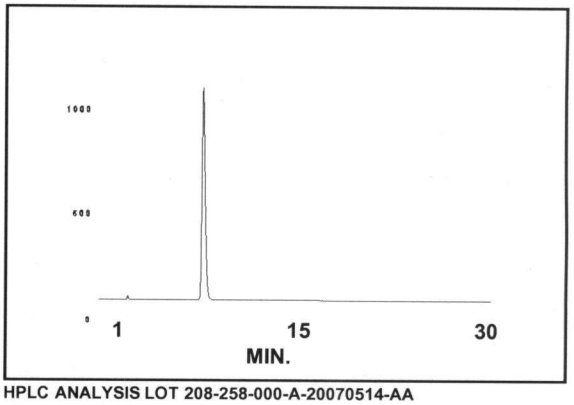
Product Data Sheet

M-1865

Amifostine





HPLC ANALYSIS LOT 208-258-000-A-20070514-AA
File Name: int20234 Date and Time: 8/13/2009 2:29:18 PM
Unit 2 UV

Peak #	Area %	Time	Area
1	0.58	2.26330	9.98084
2	99.42	7.99670	1724.36598
Totals	100.00		1734.34682

Lot #: 208-258-000-A-20070514-AA

Packaged as: Solid

Date of Analysis: August 13, 2009

Chemical Purity @ 210nm: 99.4%

Storage Recommendation: Store at -20°C.

Product Warranty: Stated on the reverse side of this Product Data Sheet.

Caution: **Not For Use In Humans Or Clinical Diagnosis.** This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.

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M-1865

Amifostine

Lot 208-258-000-A-20070514-AA

A) All chromatograms were run using the HPLC method described on the Product Data Sheet.

Concentrations and volumes:

Amifostine solution concentration was 6.8 mg/mL.

Volume of **Amifostine** injection was 2.0 µL.

Volume of blank injection was 2.0 µL.

B) Mass spectrometry – Positive mode

C) NMR

D) UV Spectrum

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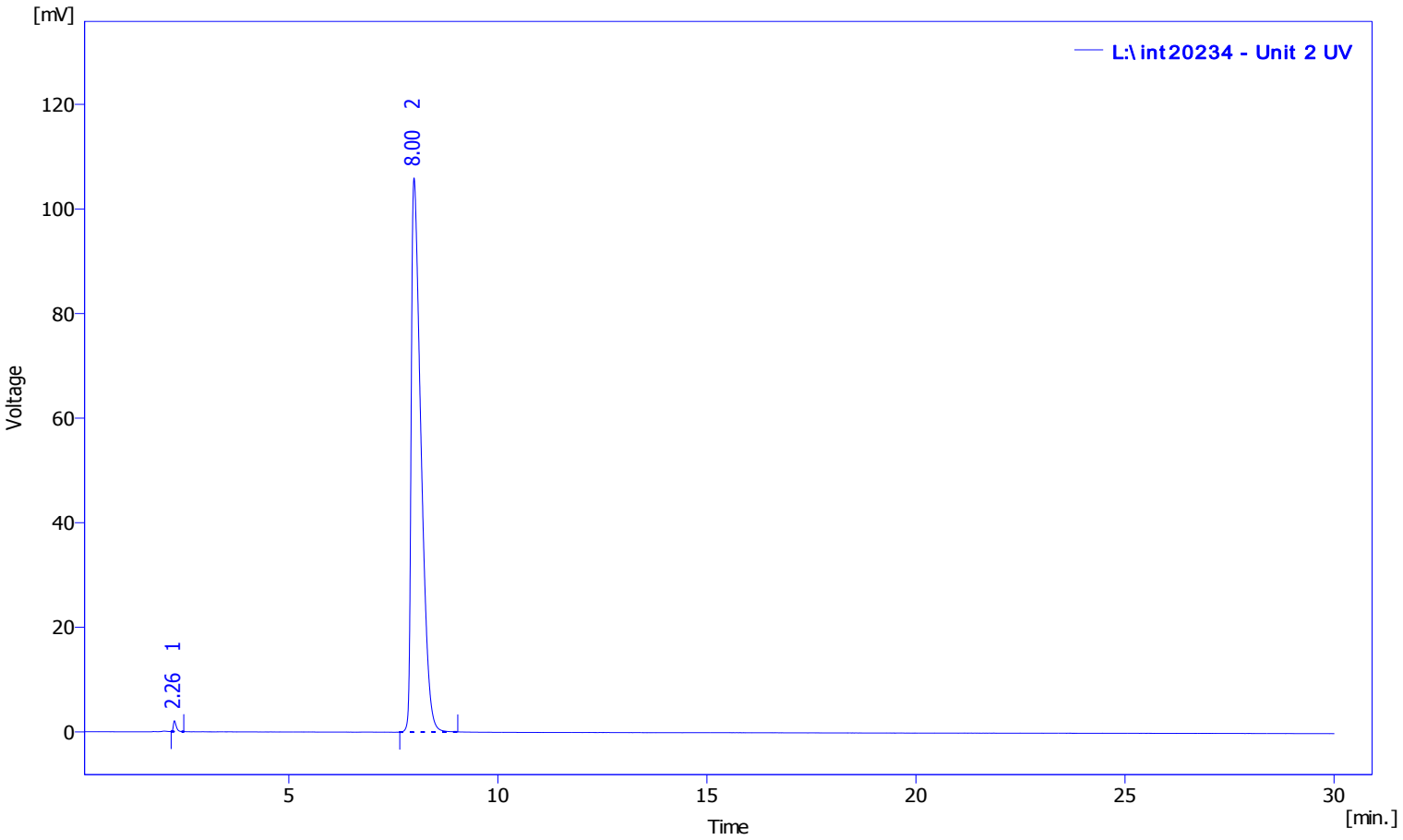
Amifostine
Lot 208-258-000-A-20070514-AA

Chromatogram Info:

File Name	: L:\int20234	File Created	: 2/3/2014 3:03:12 PM
Origin	: Acquired, Acquisition started 8/13/2009 1:59:19 PM	Acquired Date	: 8/13/2009 2:29:18 PM
Project	: Test	By	: Administrator
Method	: Unit2-30minrun	By	: Administrator
Description	: UV trace of Amifostine		
Created	: 7/20/2007 9:39 AM	Modified	: 2/3/2014 3:11 PM
Column	:	Detection	: UV 210nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int20234 - Unit 2 UV)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	Efficiency [th.pl]	Eff/l [t.p./m]	Symmetry/Tailing [-]	Response Factor	Resolution [-]
1		2.26	9.981	2.08	0.58	1.93	4828.29	96565.87	1.66		
2		8.00	1724.366	105.98	99.42	98.07	5377.60	107552.08	1.96		20.3
		Total	1734.347	108.07	100.00	100.00					

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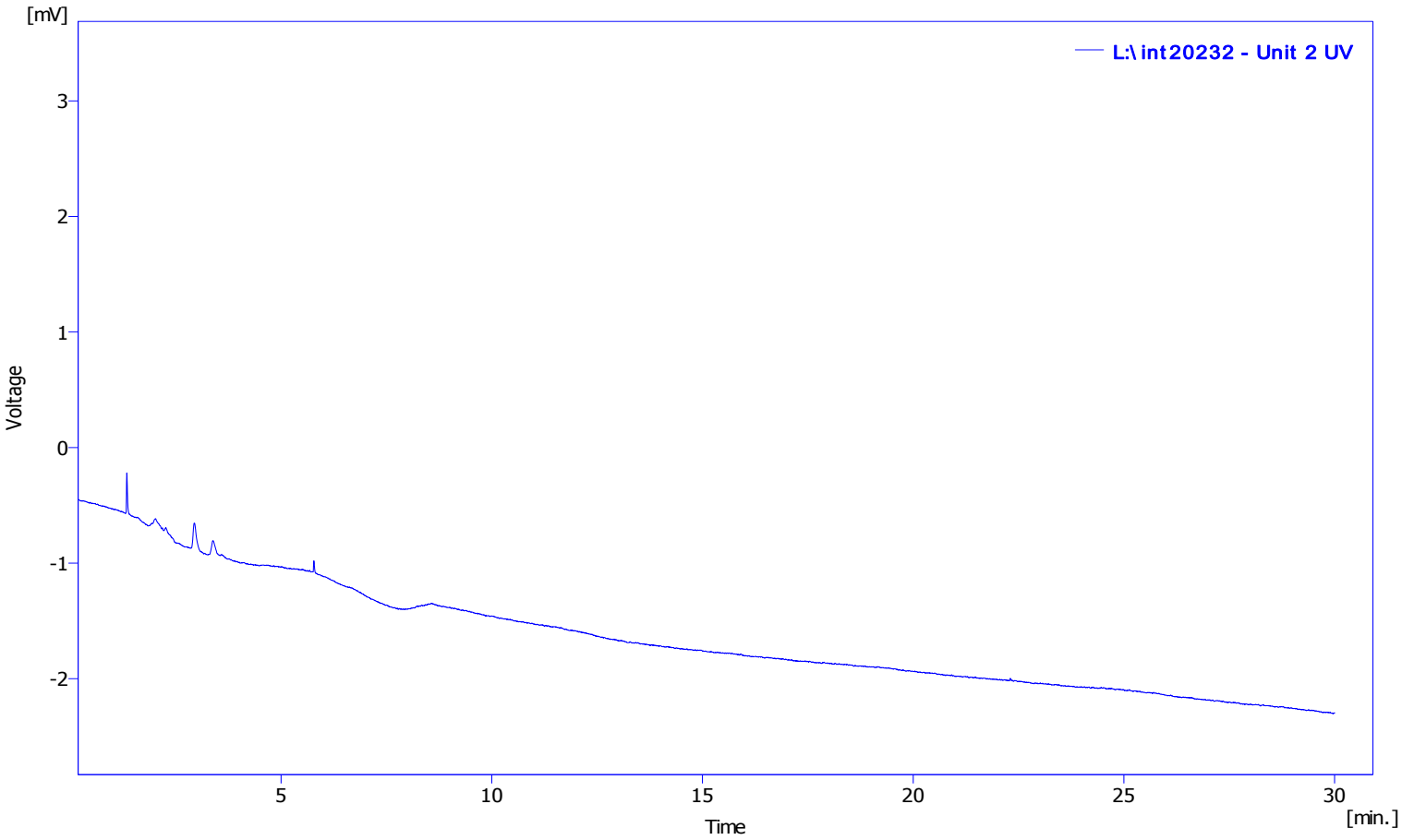
Amifostine
Lot 208-258-000-A-20070514-AA

Chromatogram Info:

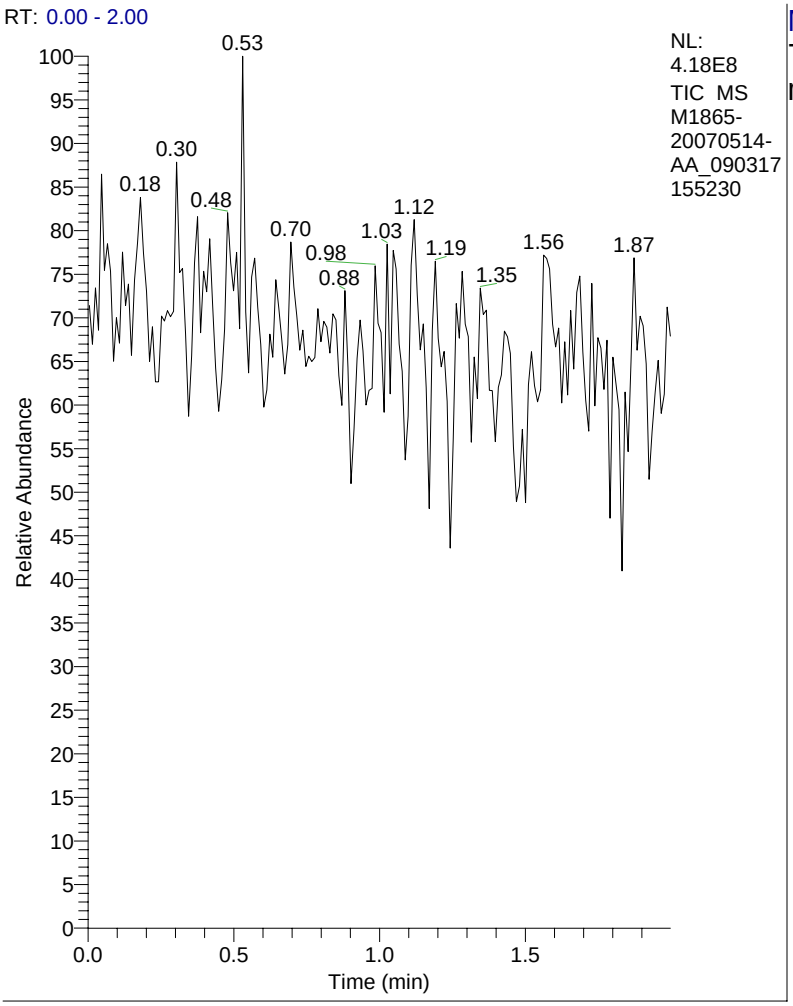
File Name	: L:\int20232	File Created	: 2/3/2014 3:03:12 PM
Origin	: Acquired, Acquisition started 8/13/2009 11:31:55 AM	Acquired Date	: 8/13/2009 12:01:53 PM
Project	: Test	By	: Administrator
Method	: Unit2-30minrun	By	: Administrator
Description	: UV trace of blank injection		
Created	: 7/20/2007 9:39 AM	Modified	: 2/3/2014 3:11 PM
Column	:	Detection	: UV 210nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int20232 - Unit 2 UV)

Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	Efficiency [th.pl]	Eff/l [t.p./m]	Symmetry/Tailing [-]	Response Factor	Resolution [-]
No peak to report										

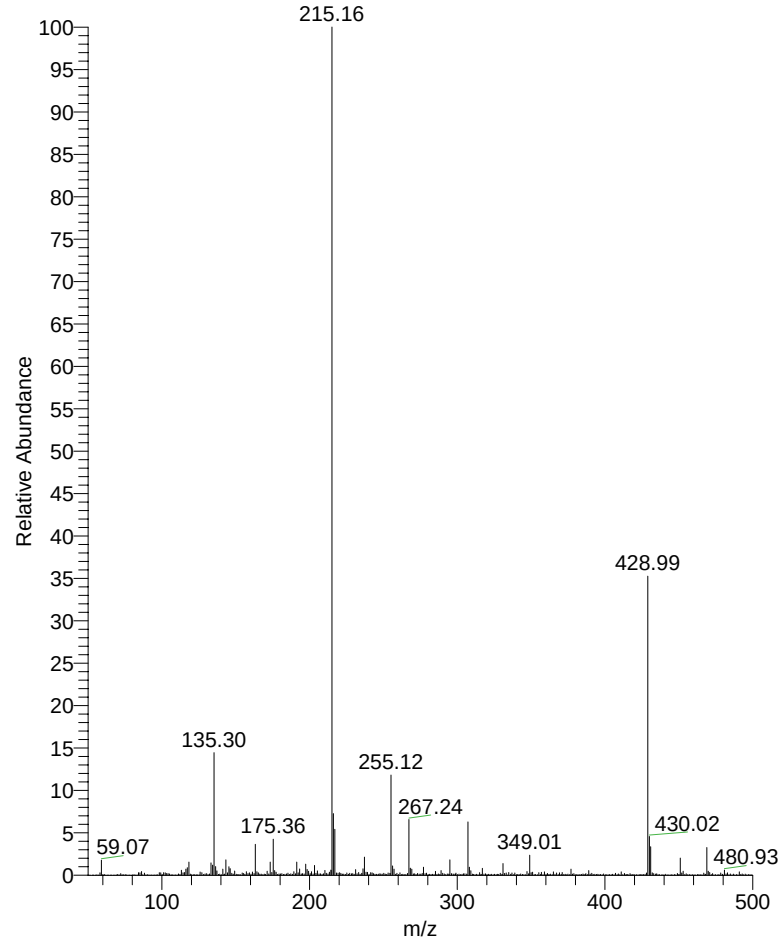
M1865-20070514-AA PM 317155230



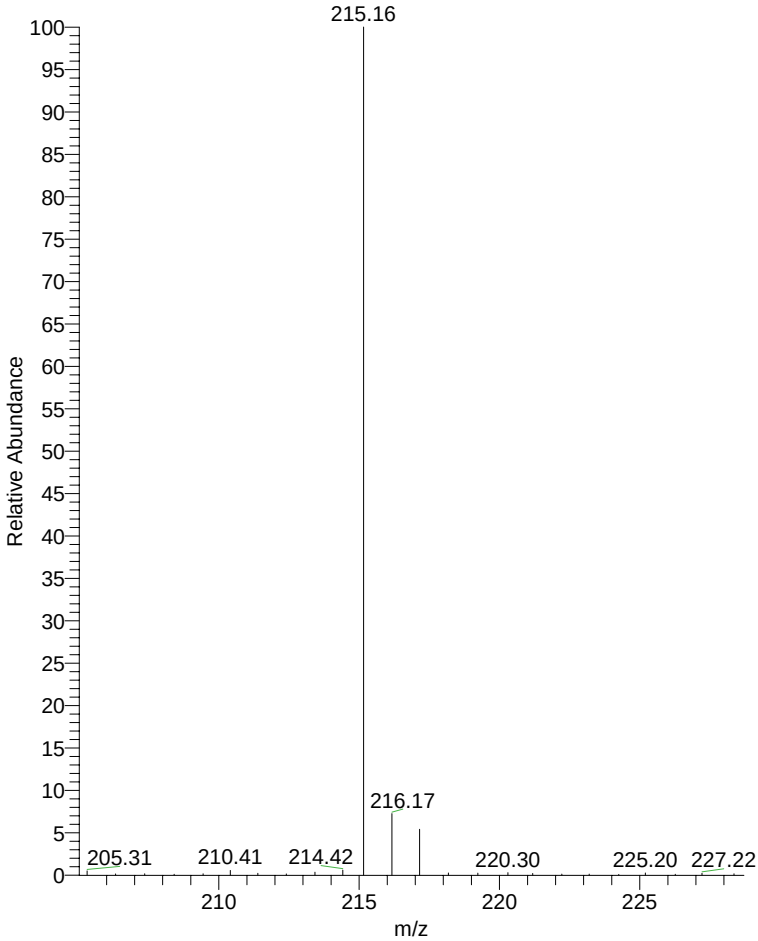
M1865-20070514-AA_090317155230#1-194 RT:
T: + c NSI Full ms [50.00-500.00]
m/z= 214.37-217.38

m/z	Intensity	Relative
214.42	555909.3	0.59
215.16	93650156.4	100.00
216.17	6801888.2	7.26
217.15	5068469.5	5.41

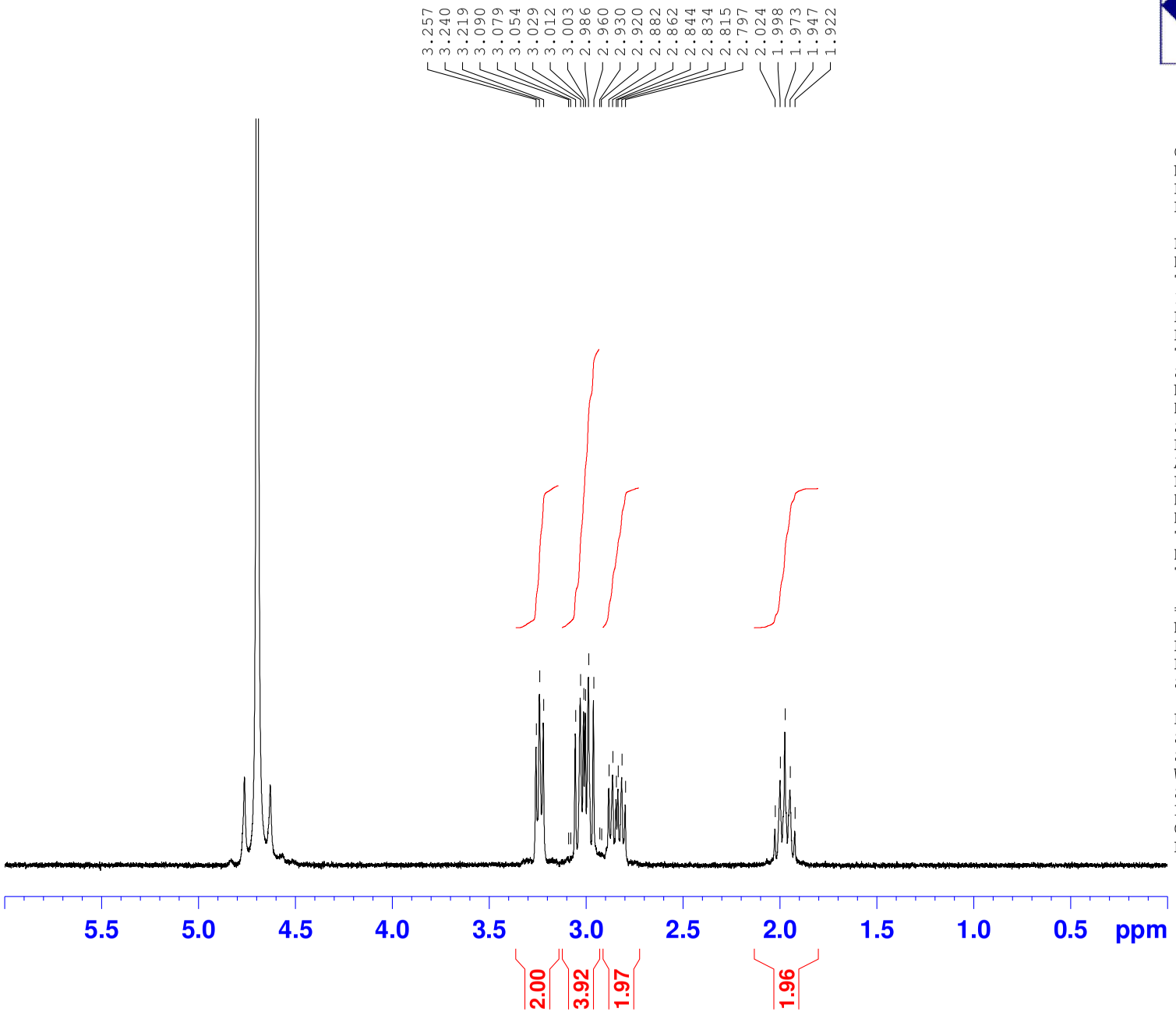
M1865-20070514-AA_090317155230 #1-194 RT: 0.00-2.00 AV: 194 NL:
T: + c NSI Full ms [50.00-500.00]



M1865-20070514-AA_090317155230 #1-194 RT: 0.00-2.00 AV: 194 NL:
T: + c NSI Full ms [50.00-500.00]



M1865 1H NMR in D2O
Batch 20070514-AA




```
Current Data Parameters
NAME                  M1865
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameter
Date_              20090421
Time                 12.13
INSTRUM              spect
PROBHD    5 mm DUX 3H-1H
PULPROG                zg30
TD                    65536
SOLVENT                 D2O
NS                        500
DS                          2
SWH               4496.403 Hz
FIDRES            0.068610 Hz
AQ                7.2876530 se
RG                      362
DW                  111.200 us
DE                    6.00 us
TE                   300.0 K
D1              1.00000000 se
TD0                         1

======== CHANNEL f1 ======
NUC1                       1H
P1                    10.25 us
PL1                    0.00 dB
SFO1          300.1318534 MH

F2 - Processing parameters
SI                      32768
SF            300.1300000 MH
WDW                        no
SSB                         0
LB                    0.00 Hz
GB                          0
PC                     1.00
```

14/Aug/09 11:12:46

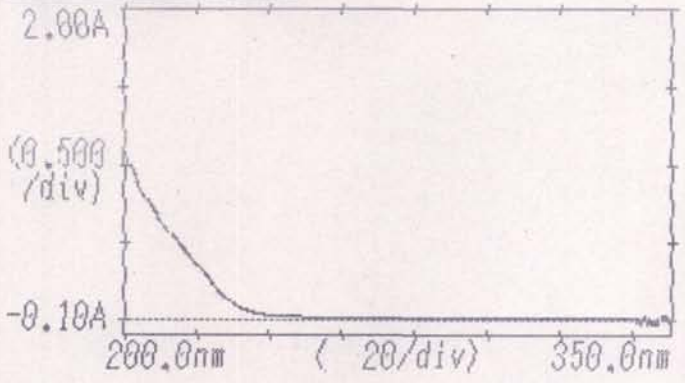
Peak detection

Abscis.	ABS	Abscis.	ABS

Graph | PrintOut | | Valley

14/Aug/09 11:13:18

Data Processing



	PrintOut	Peak	Valley