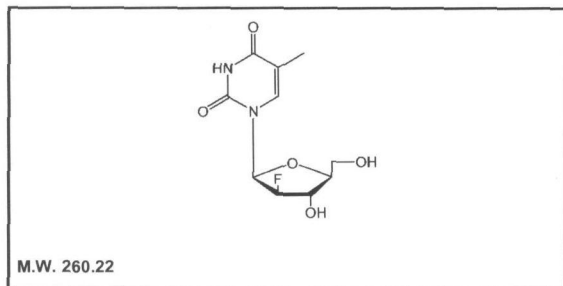




## Product Data Sheet

**M-1885**

**Clevudine**

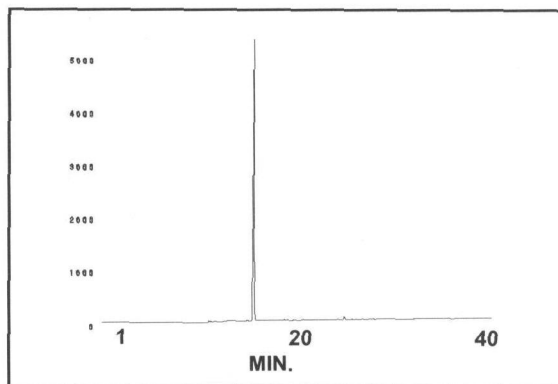


**Lot #:** 208-260-000-JHK-20070801-Q

**Packaged as:** Solid

**Date of Analysis:** June 23, 2010

**Chemical Purity @ 266nm:** 99.3%



HPLC ANALYSIS LOT 208-260-000-JHK-20070801-Q  
File Name: int20561 Date and Time: 6/23/2010 3:51:21 PM  
Unit 2 UV

Peak #	Area %	Time	Area
1	99.35	15.60000	3983.41482
2	0.19	25.68330	7.72229
3	0.27	26.13330	10.94560
4	0.18	27.88330	7.20821
Totals	100.00		4009.29092

**Storage Recommendation:** Store at 0-5°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.

**M-1885**

**Clevudine**

**208-260-000-JHK-20070801-Q**

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

**Concentrations and volumes:**

**Clevudine** concentration was 2.0 mg/ml.

Volume of **Clevudine** injection was 1.0  $\mu$ l.

Volume of blank injection was 1.0  $\mu$ l.

**B) Mass spectrometry – Positive mode**

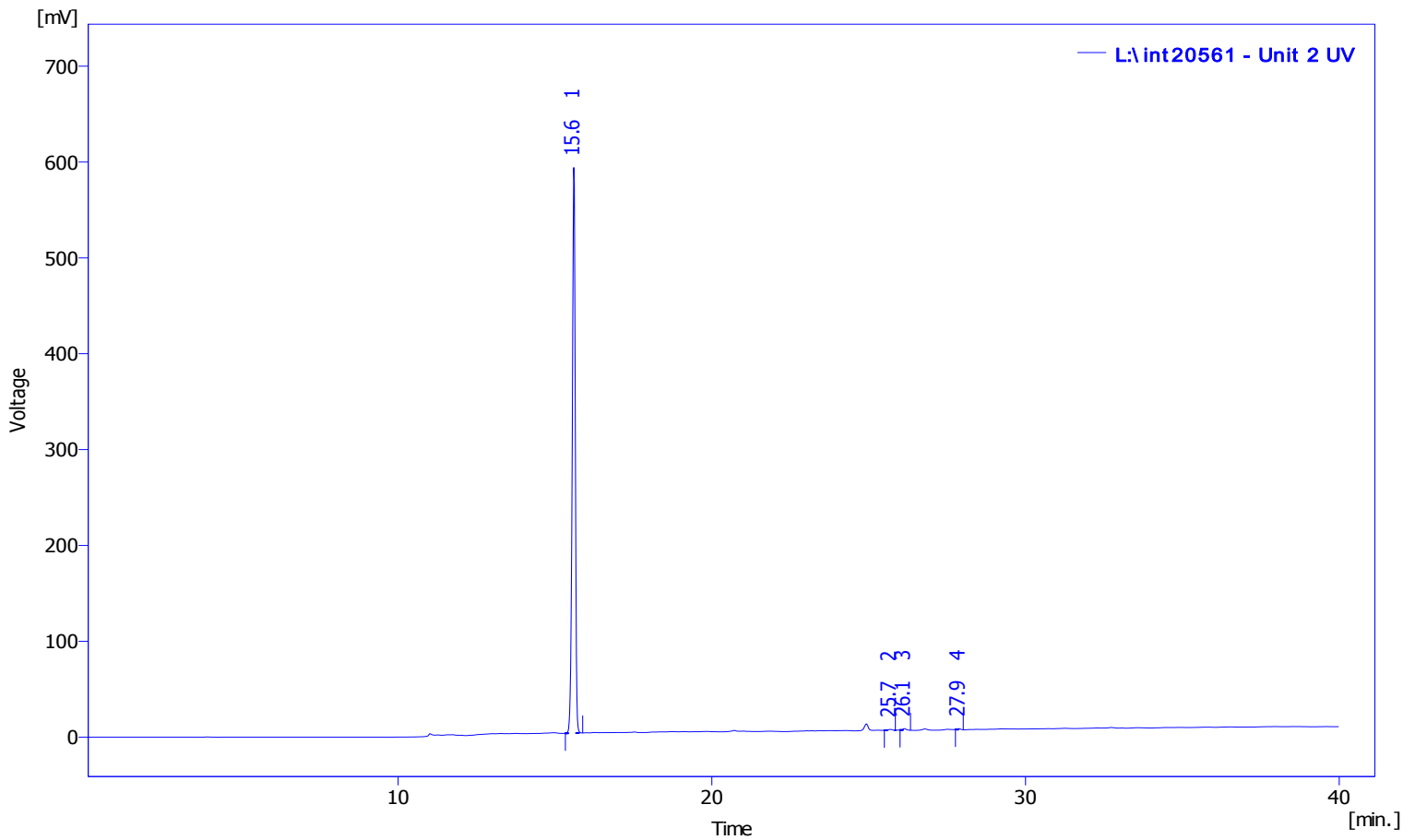
**C) NMR**

**D) UV Spectrum**

**M-1885**  
**Clevudine**  
**Lot 208-260-000-JHK-20070801-Q**

Chromatogram Info:

File Name	: L:\int20561	File Created	: 2/5/2014 9:25:58 AM
Origin	: Acquired, Acquisition started 6/23/2010 3:11:22 PM	Acquired Date	: 6/23/2010 3:51:21 PM
Project	: Test	By	: Administrator
Method	: Unit2-40minrun	By	: Administrator
Description	: UV trace of Clevudine	Modified	: 2/5/2014 11:12 AM
Created	: 6/16/2007 8:19 AM	Detection	: UV 266nm
Column	:	Temperature	:
Mobile Phase	:	Pressure	:
Flow Rate	:	Note	:



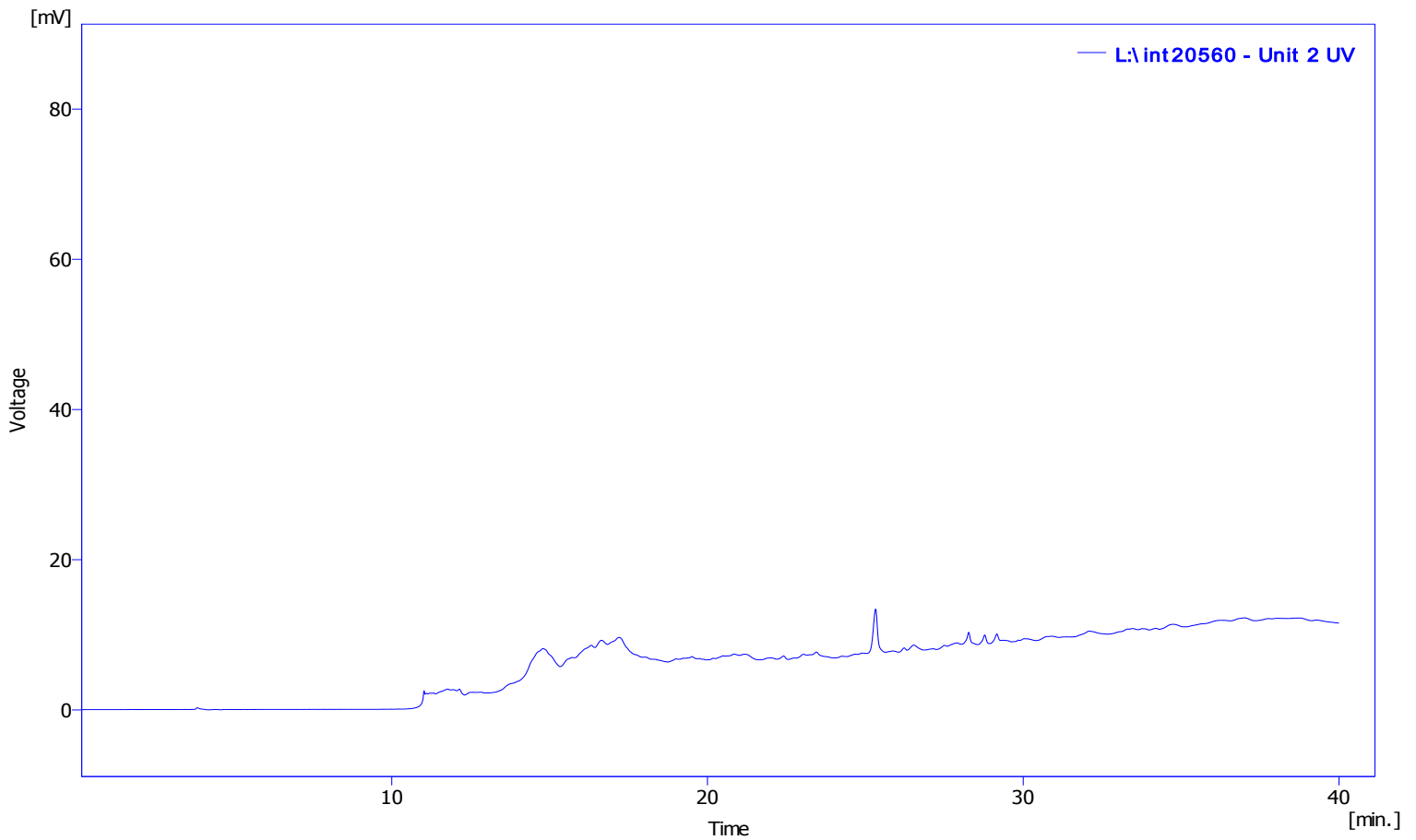
Result Table (Uncal - L:\int20561 - Unit 2 UV)

	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		15.60	3983.415	590.11	99.35	99.41	75837.06	1516741.20	0.94		
2		25.68	7.722	0.94	0.19	0.16	162416.45	3248329.07	1.00		42.0
3		26.13	10.946	1.52	0.27	0.26	277975.04	5559500.80	1.14		2.0
4		27.88	7.208	1.06	0.18	0.18	316450.34	6329006.80	1.00		8.8
		Total	4009.291	593.63	100.00	100.00					

**M-1885**  
**Clevudine**  
**Lot 208-260-000-JHK-20070801-Q**

Chromatogram Info:

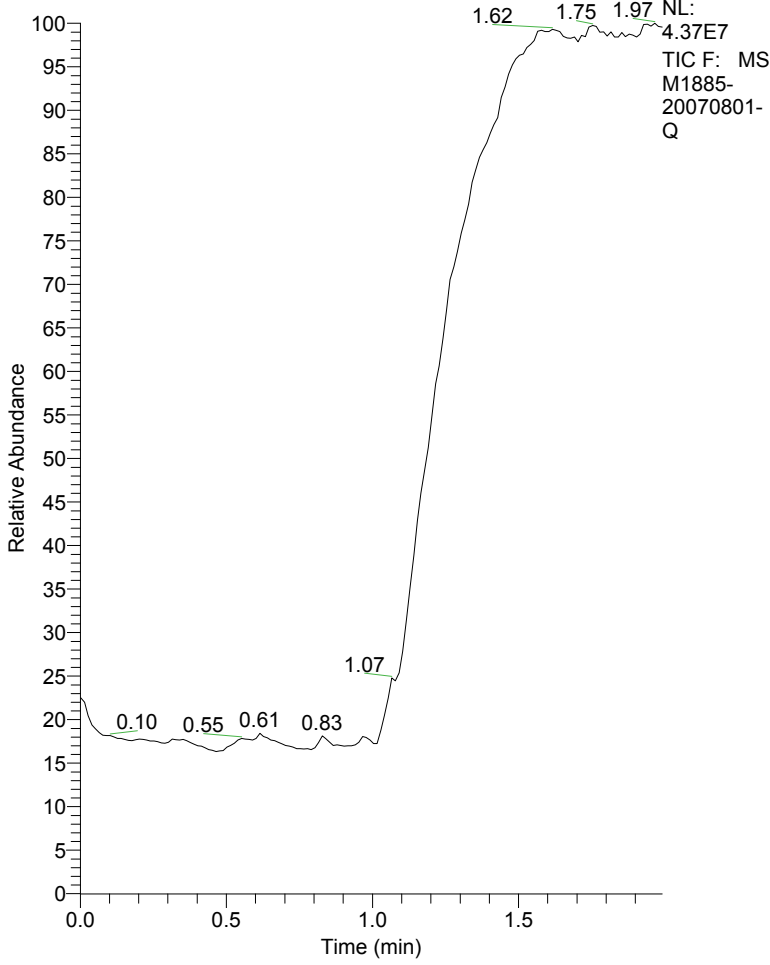
File Name	: L:\int20560	File Created	: 2/5/2014 9:25:58 AM
Origin	: Acquired, Acquisition started 6/23/2010 2:00:29 PM	Acquired Date	: 6/23/2010 2:40:28 PM
Project	: Test	By	: Administrator
Method	: Unit2-40minrun	By	: Administrator
Description	: UV trace of blank injection	Modified	: 2/5/2014 11:13 AM
Created	: 6/16/2007 8:19 AM		
Column	:	Detection	: UV 266nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



*Result Table (Uncal - L:\int20560 - 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										

RT: 0.00 - 1.99



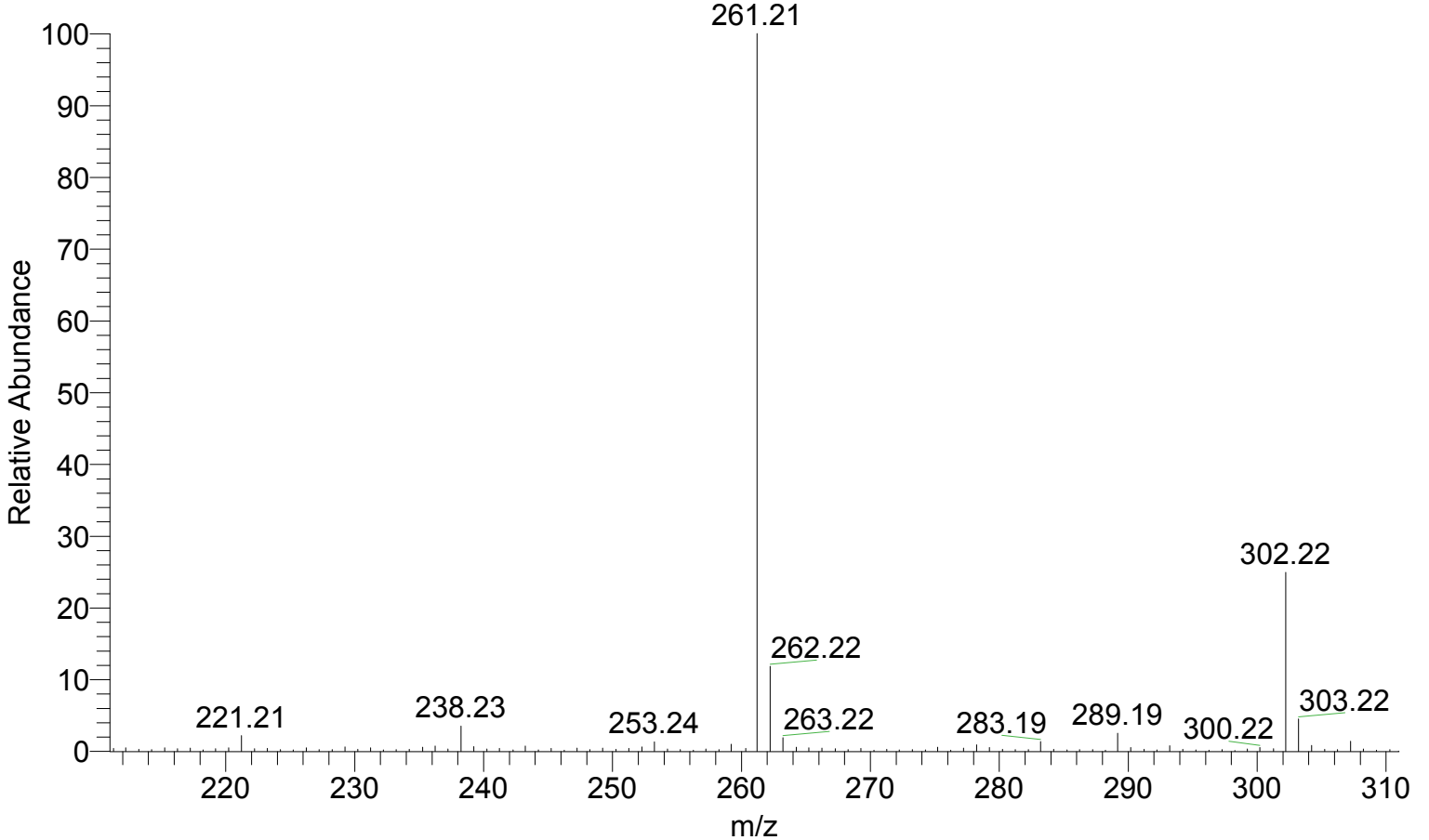
M1885-20070801-Q#1-160 RT: 0.00-1.99 AV: T: + c Q3MS [ 211.00-311.00]

m/z = 256.63-272.87

m/z	Intensity	Relative
257.25	34621.0	0.30
258.26	24708.1	0.22
259.21	111137.0	0.98
260.32	46013.2	0.40
261.21	11365453.5	100.00
262.22	1343247.3	11.82
263.22	215208.6	1.89
264.25	61980.1	0.55
265.23	53156.6	0.47
266.25	47393.2	0.42
267.27	41453.3	0.36
268.27	26989.2	0.24
269.27	46809.5	0.41
270.27	17791.6	0.16
271.26	31686.5	0.28
272.25	23213.6	0.20

M1885-20070801-Q #1-160 RT: 0.00-1.99 AV: 160 NL: 1.14E7

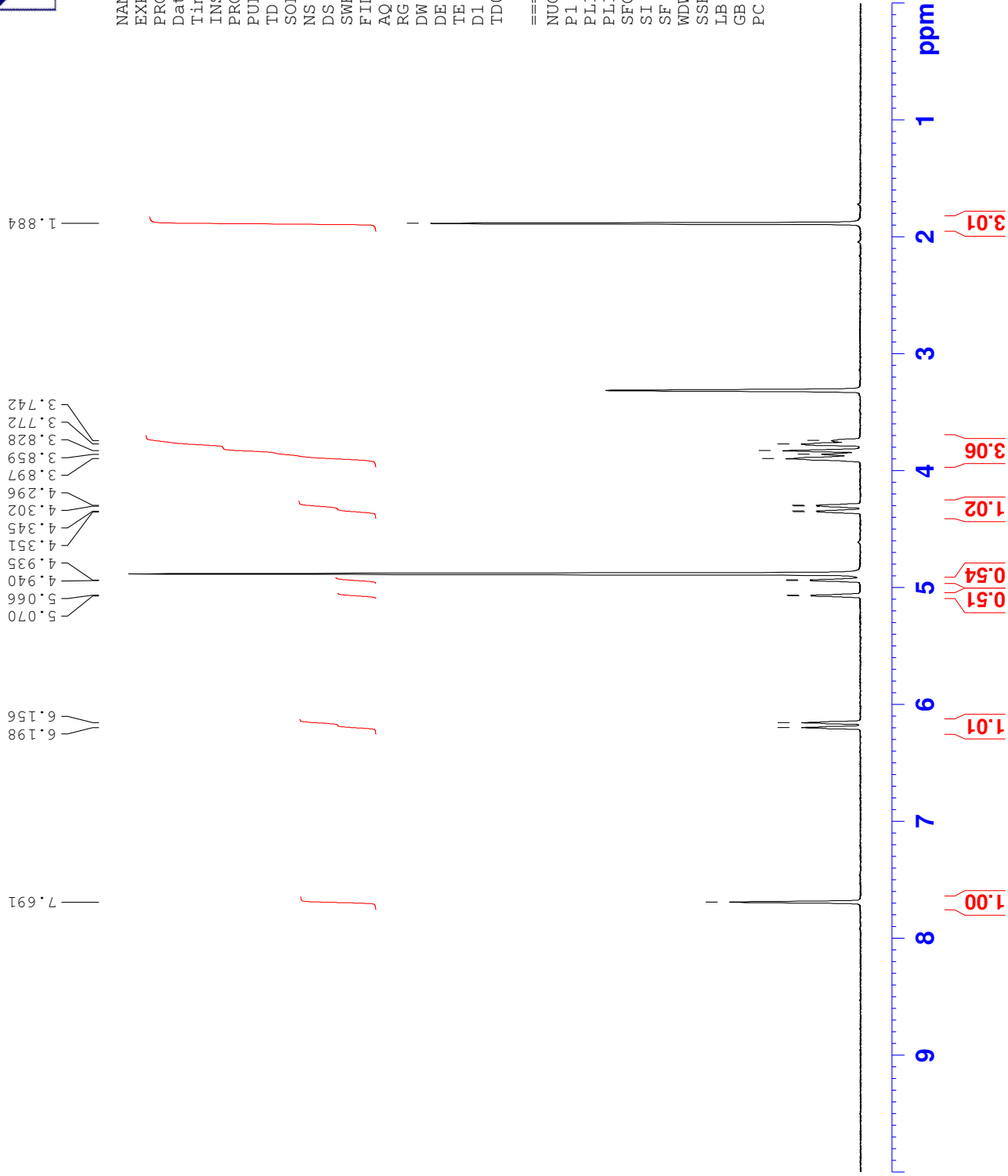
T: + c Q3MS [ 211.00-311.00]



M1885 1H NMR in MeOD  
Batch 20070801-Q



NAME M1885  
EXPNO 1  
PROCNO 1  
Date\_ 20100623  
Time 14.56  
INSTRUM spect  
PROBHD 5 mm PABBO BB-  
PULPROG zg30  
TD 65536  
SOLVENT MeOD  
NS 512  
DS 2  
SWH 8278.146 Hz  
FIDRES 0.126314 Hz  
AQ 3.9584243 sec  
RG 4  
DW 60.400 usec  
DE 6.50 usec  
TE 294.4 K  
D1 1.00000000 sec  
TD0 1  
===== CHANNEL f1 =====  
NUC1 1H  
P1 14.50 usec  
PL1 -0.70 dB  
PL1W 10.03411102 W  
SFO1 400.1324710 MHz  
SI 32768  
SF 400.1300062 MHz  
WDW no  
SSB 0  
LB 0.00 Hz  
GB 0  
PC 1.00





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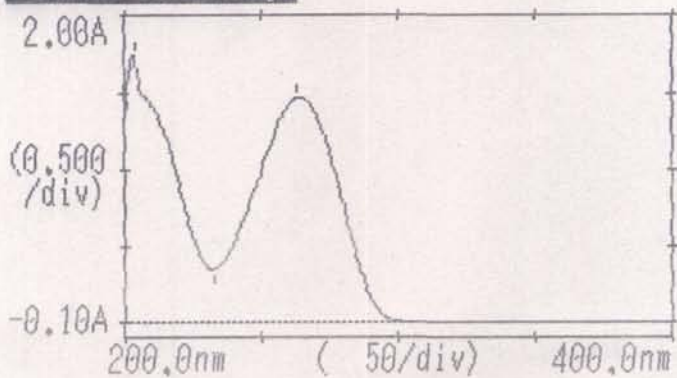
Peak detection

Abscis.	ABS	Abscis.	ABS
264.0	1.469		
204.0	1.750		

Graph PrintOut Valley

03/Feb/;1 12:36:39

Data Processing



PrintOut Peak Valley