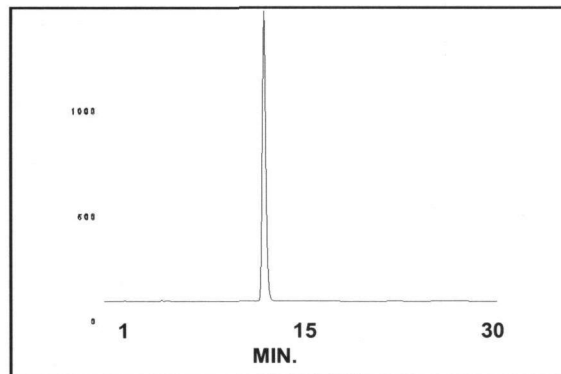
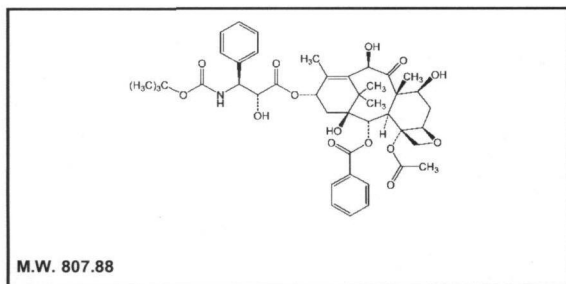




Product Data Sheet

M-1921

Docetaxel



HPLC ANALYSIS LOT 308-001-000-A-20110525-RT
File Name: int21292 Date and Time: 9/6/2011 2:01:54 PM
Unit 2 UV

Peak #	Area %	Time	Area
1	0.17	4.43330	4.44157
2	0.16	10.90330	4.12451
3	99.41	12.23000	2617.92932
4	0.11	15.46670	2.78904
5	0.16	17.21670	4.29665
Totals	100.00		2633.58109

Lot #: 308-001-000-A-20110525-RT

Packaged as: Solid

Date of Analysis: September 06, 2011

Chemical Purity @ 227nm: 99.4%

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-1921

Docetaxel

Lot 308-001-000-A-20110525-RT

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

Concentrations and volumes:

Docetaxel concentration was 2.0 mg/ml.

Volume of **Docetaexel** injection was 1.0 µl.

Volume of blank injection was 1.0 µl.

B) Mass spectrometry - Positive mode

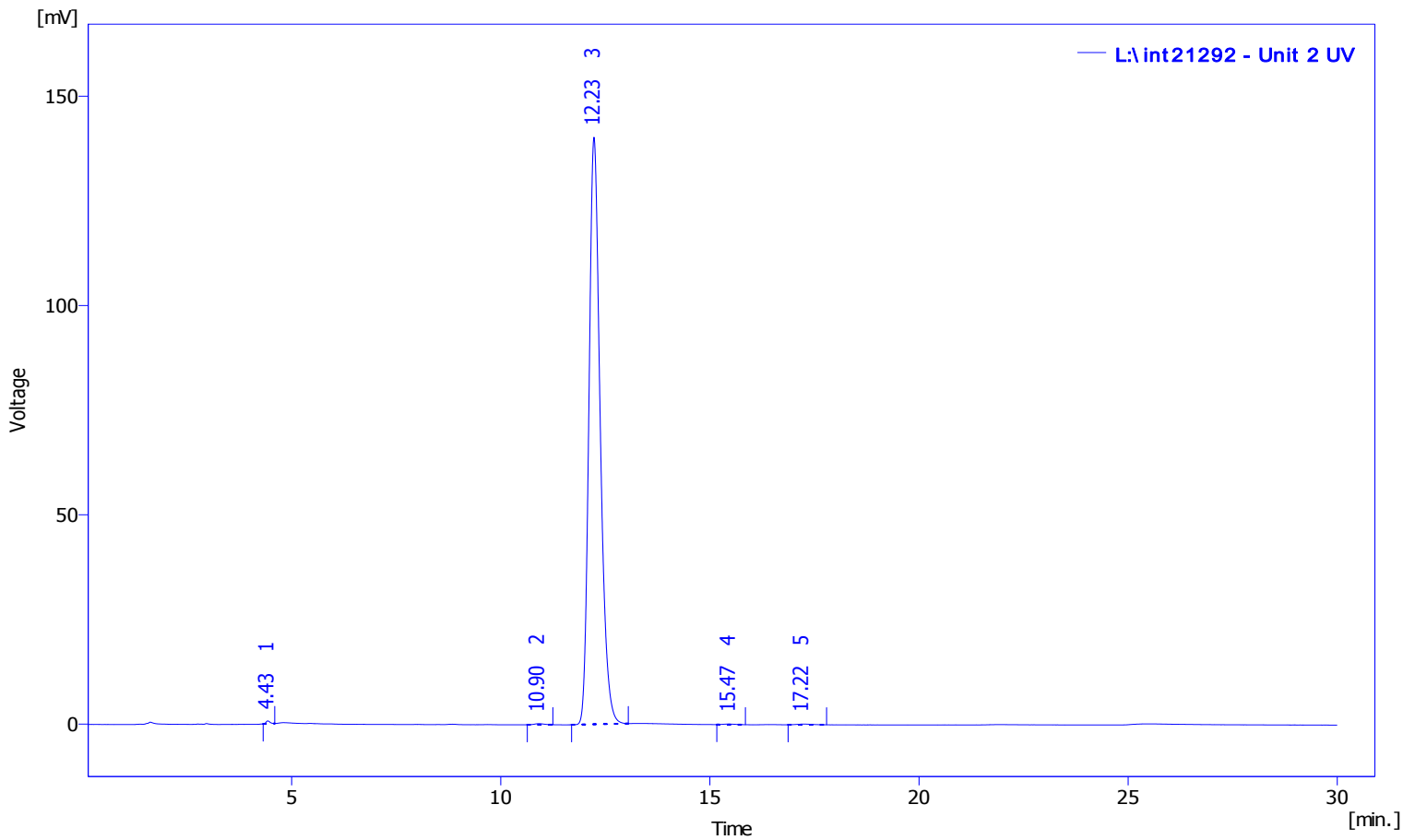
C) NMR

D) UV spectrum

M-1921
Docetaxel
Lot 308-001-000-A-20110525-RT

Chromatogram Info:

File Name	: L:\int21292	File Created	: 2/6/2014 3:34:45 PM
Origin	: Acquired, Acquisition started 9/6/2011 1:31:54 PM	Acquired Date	: 9/6/2011 2:01:54 PM
Project	: Test	By	: Administrator
Method	: Unit2-30minrun	By	: Administrator
Description	: UV trace of Docetaxel	Modified	: 2/6/2014 3:40 PM
Created	: 7/20/2007 9:39 AM		
Column	:	Detection	: UV 227nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



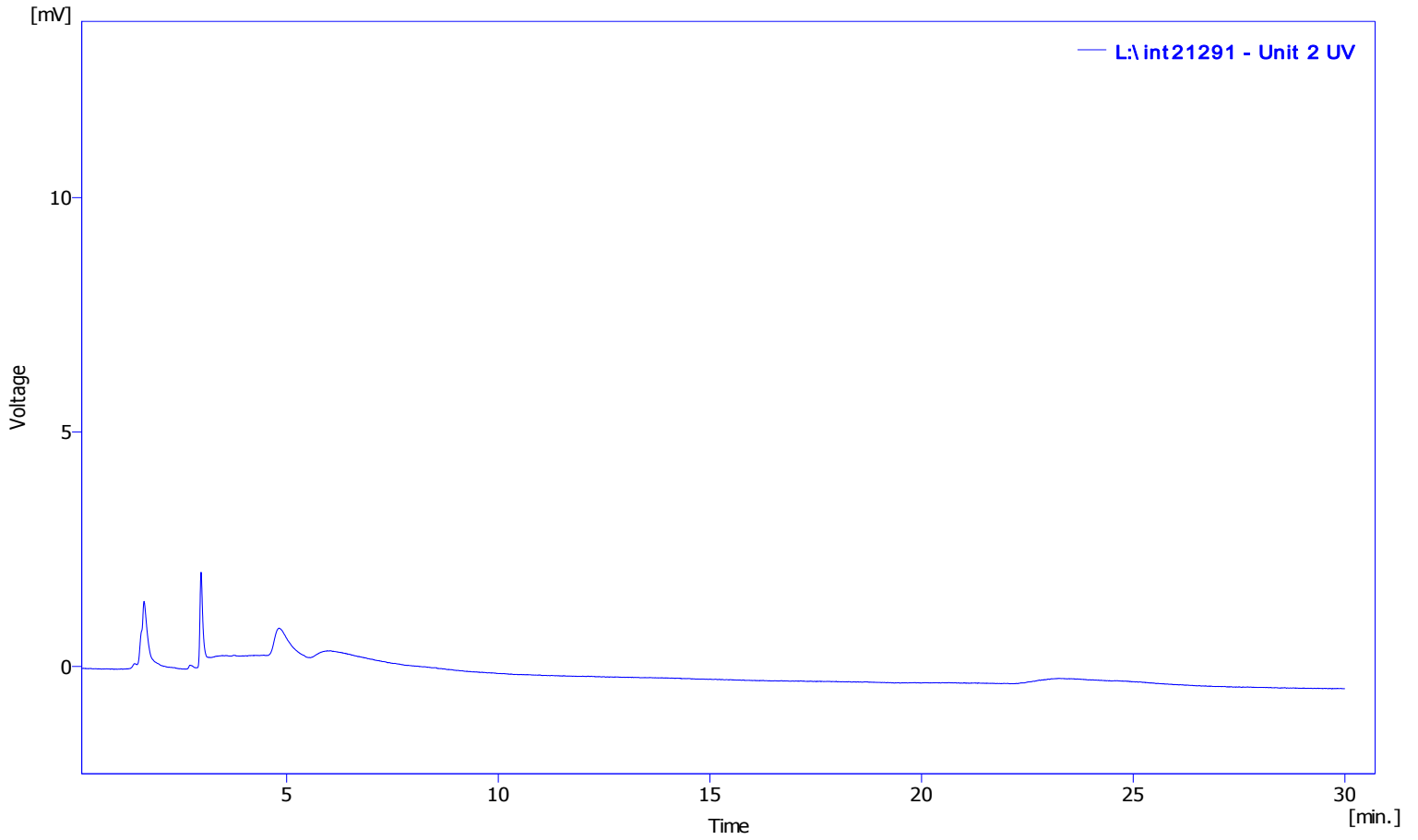
Result Table (Uncal - L:\int21292 - Unit 2 UV)

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	4.43	4.442	0.69	0.17	0.49	10197.40	203948.10	1.18		
2	10.90	4.125	0.27	0.16	0.19	10537.76	210755.21	1.16		21.6
3	12.23	2617.929	140.26	99.41	99.10	10083.43	201668.60	1.23		2.9
4	15.47	2.789	0.14	0.11	0.10	13215.95	264319.08	1.11		6.3
5	17.22	4.297	0.17	0.16	0.12	10614.18	212283.58	1.37		2.9
Total		2633.581	141.53	100.00	100.00					

M-1921
Docetaxel
Lot 308-001-000-A-20110525-RT

Chromatogram Info:

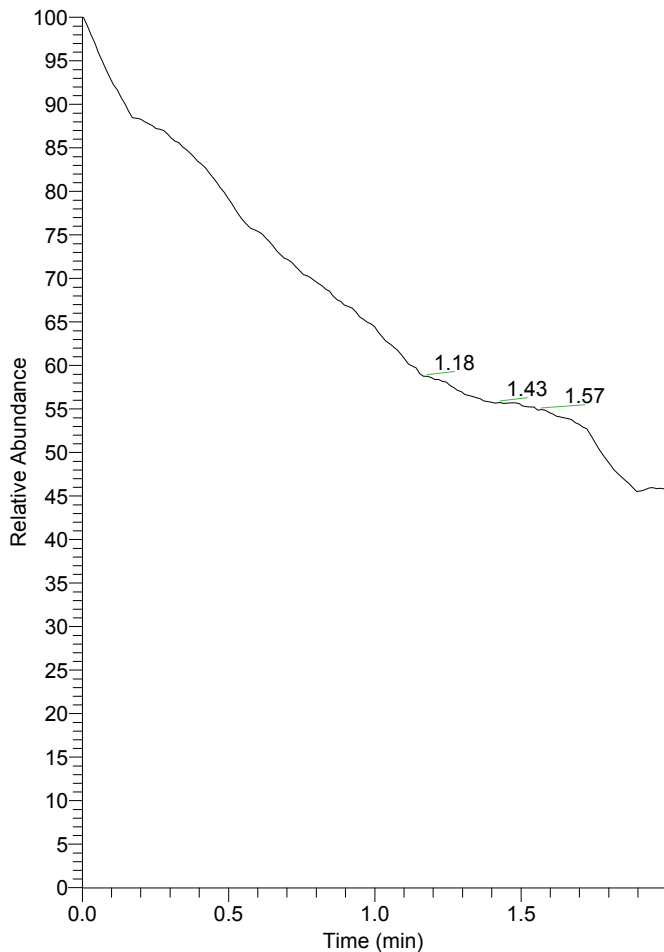
File Name	: L:\int21291	File Created	: 2/6/2014 3:34:45 PM
Origin	: Acquired, Acquisition started 9/6/2011 12:42:04 PM	Acquired Date	: 9/6/2011 1:12:03 PM
Project	: Test	By	: Administrator
Method	: Unit2-30minrun	By	: Administrator
Description	: UV trace of blank injection	Modified	: 2/6/2014 3:40 PM
Created	: 7/20/2007 9:39 AM		
Column	:	Detection	: UV 227nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int21291 - Unit 2 UV)

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

RT: 0.00 - 1.99



NL:
1.20E7
TIC F: MS
M1921-
20110525-
RT

M1921-20110525-RT#1-154 RT: 0.00-1.99 AV:

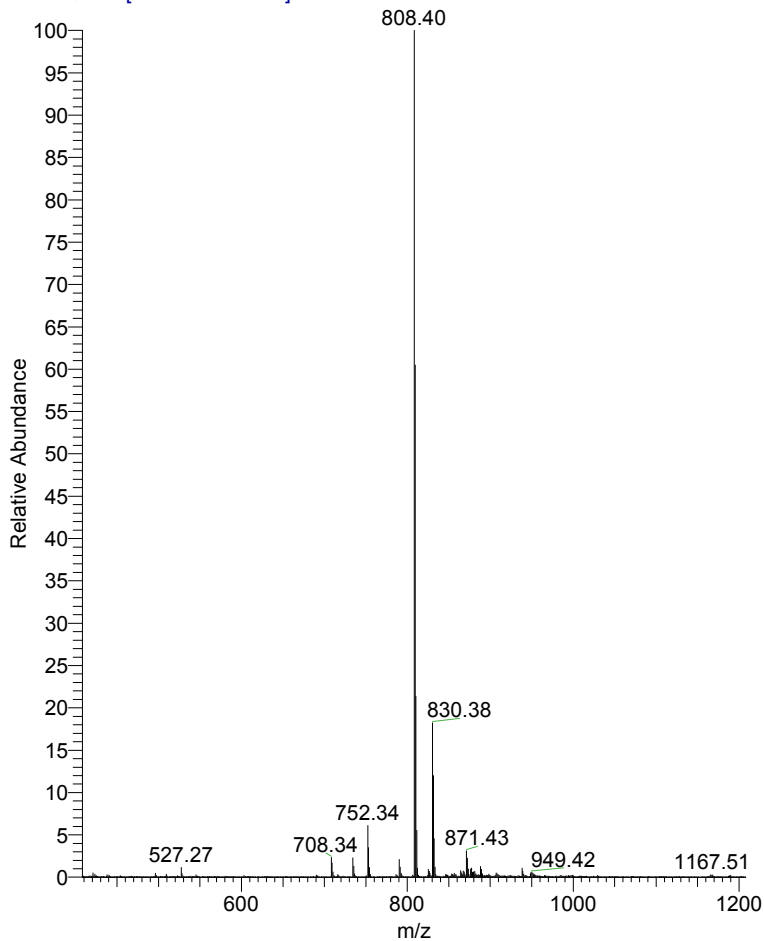
T: + c Q1MS [408.00-1208.00]

m/z= 803.81-840.87

m/z	Intensity	Relative
806.40	5423.4	0.21
808.40	2578322.5	100.00
809.40	1558950.4	60.46
810.39	549983.7	21.33
811.40	141570.3	5.49
812.40	27065.5	1.05
813.42	5479.9	0.21
824.43	4349.1	0.17
825.44	22622.0	0.88
826.43	17165.2	0.67
827.48	10920.1	0.42
828.49	4838.5	0.19
829.67	2376.0	0.09
830.38	468791.2	18.18
831.37	308651.6	11.97
832.38	116032.7	4.50
833.40	29899.4	1.16
834.42	7277.7	0.28
835.46	2476.0	0.10
836.64	2336.8	0.09

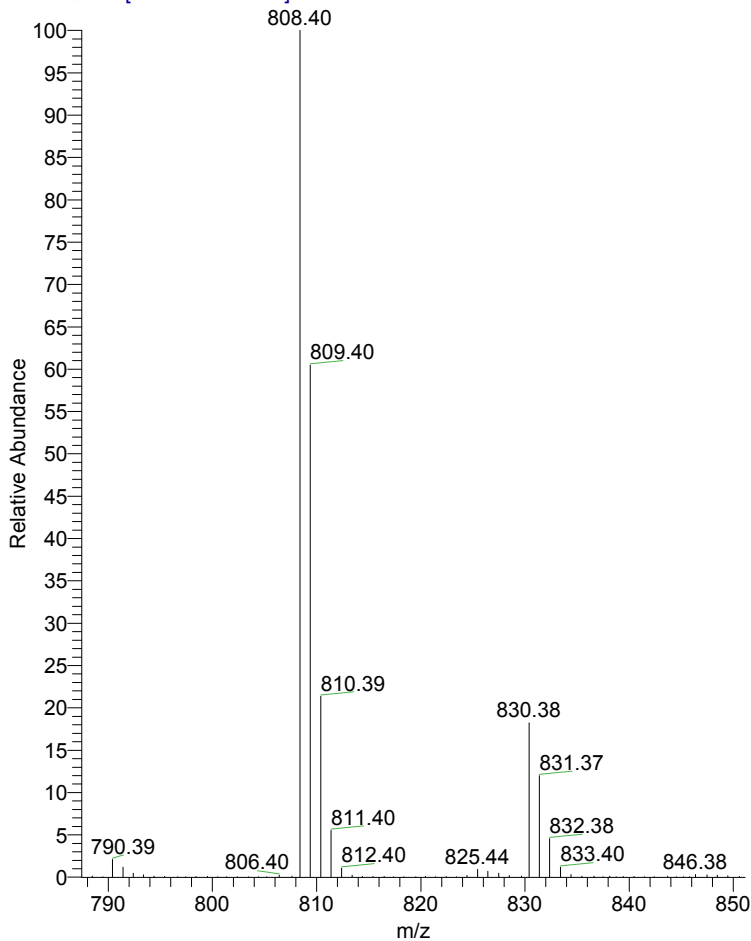
M1921-20110525-RT #1-154 RT: 0.00-1.99 AV: 154 NL: 2.58E6

T: + c Q1MS [408.00-1208.00]

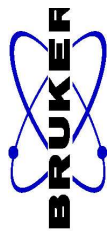
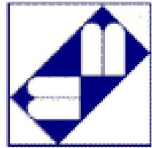


M1921-20110525-RT #1-154 RT: 0.00-1.99 AV: 154 NL: 2.58E6

T: + c Q1MS [408.00-1208.00]

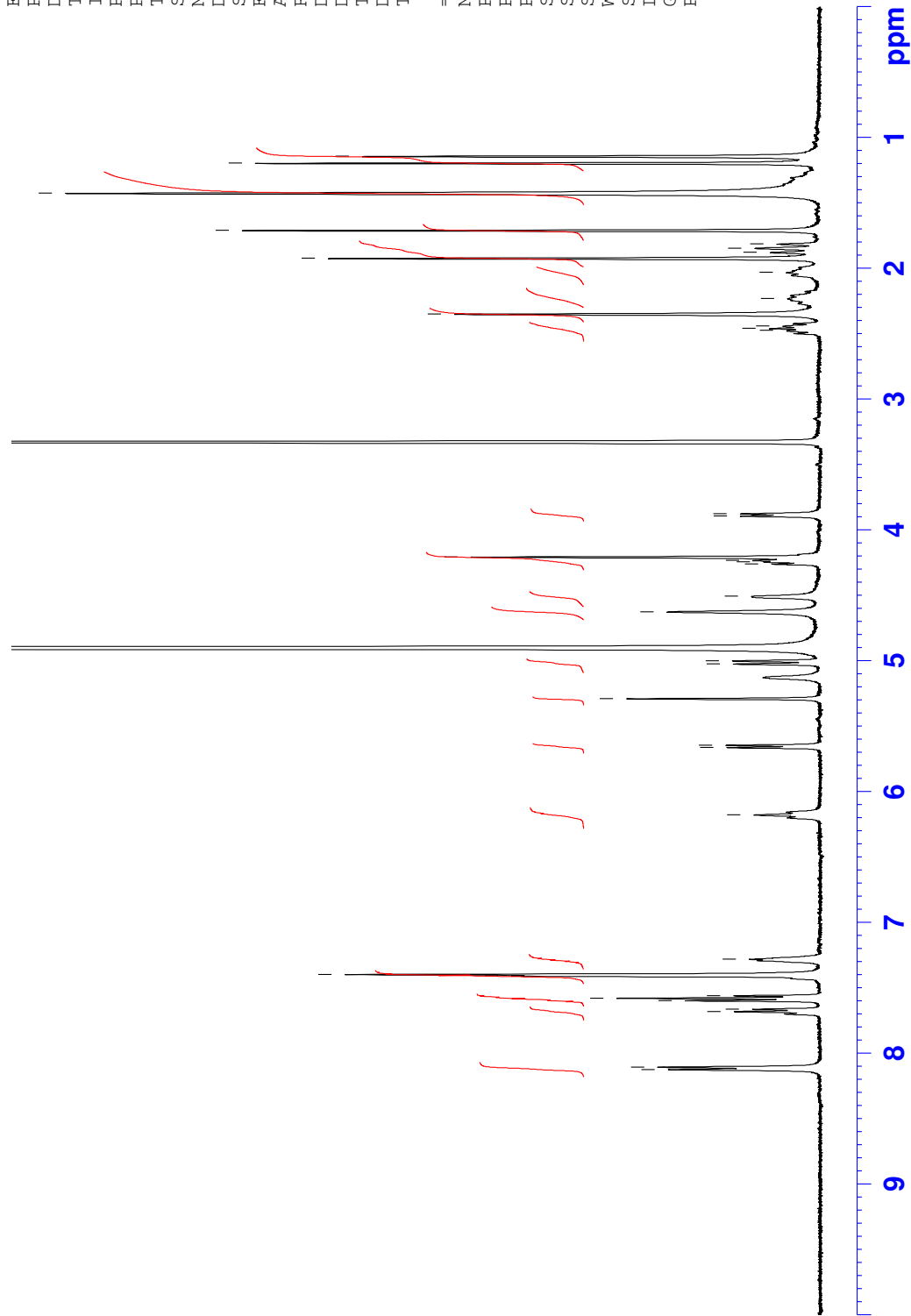


M1921 1H NMR in MeOD
Batch 20110525-RT

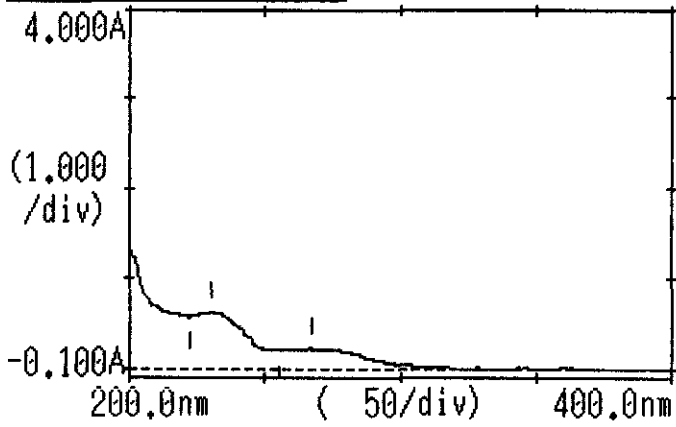


8.126
8.107
7.682
7.664
7.599
7.580
7.561
7.409
7.399
7.282
6.178
5.646
5.663
5.290
5.024
5.001
4.627
4.507
4.261
4.244
4.233
4.207
3.894
3.877
2.475
2.459
2.442
2.350
2.232
2.031
1.923
1.878
1.847
1.814
1.710
1.426
1.196
1.144

NAME M1921-20110525-RT
EXPNO 1
PROCNO 1
Date_ 20110906
Time 12.00
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 use
DE 6.50 use
TE 294.8 K
D1 1.00000000 sec
TD0 1
===== CHANNEL f1 =====
NUC1 1H
P1 14.50 use
PL1 -0.70 dB
PL1W 10.03411102 W
SFO1 400.1324710 MHz
SI 32768
SF 400.1300000 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00



Peak/Valley Detect



Date: 2011/09/06 15:21:31
Measure mode: Abs
Scan range / nm: 400.0 - 200.0
Scan pitch / nm: 1.0
Scan speed: Fast
Slit width / nm: 1.0

Peak
267.00 0.218
230.00 0.623
Valley
255.00 0.196
222.00 0.569