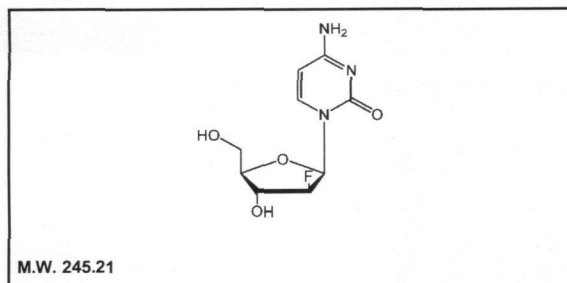




Product Data Sheet

M-1914

2'-Fluoro-2'-deoxy-D-arabinofuranosyl cytosine

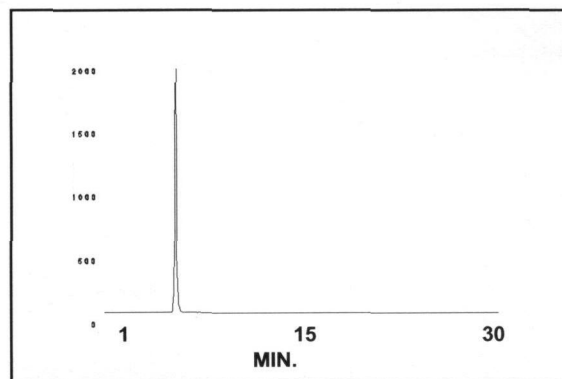


Lot #: 197-082-000-A-20100628-PV

Packaged as: Solid

Date of Analysis: July 06, 2010

Chemical Purity @ 255nm: 99.7%



HPLC ANALYSIS LOT 197-082-000-A-20100628-PV
File Name: int42487 Date and Time: 7/6/2010 3:35:30 PM
Unit 4 UV

Peak #	Area %	Time	Area
1	0.15	3.06830	2.85433
2	0.11	3.49670	2.13444
3	99.74	5.46330	1883.46149
Totals	100.00		1888.45026

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.

M-1914

2'-Fluoro-2'-deoxy-D-arabinofuranosyl cytosine

Lot 197-082-000-A-20100628-PV

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

Concentrations and volumes:

2'-Fluoro-2'-deoxy-D-arabinofuranosyl cytosine concentration was 1.0 mg/ml.

Volume of **2'-Fluoro-2'-deoxy-D-arabinofuranosyl cytosine** injection was 2.0 μ l.

Volume of blank injection was 2.0 μ l.

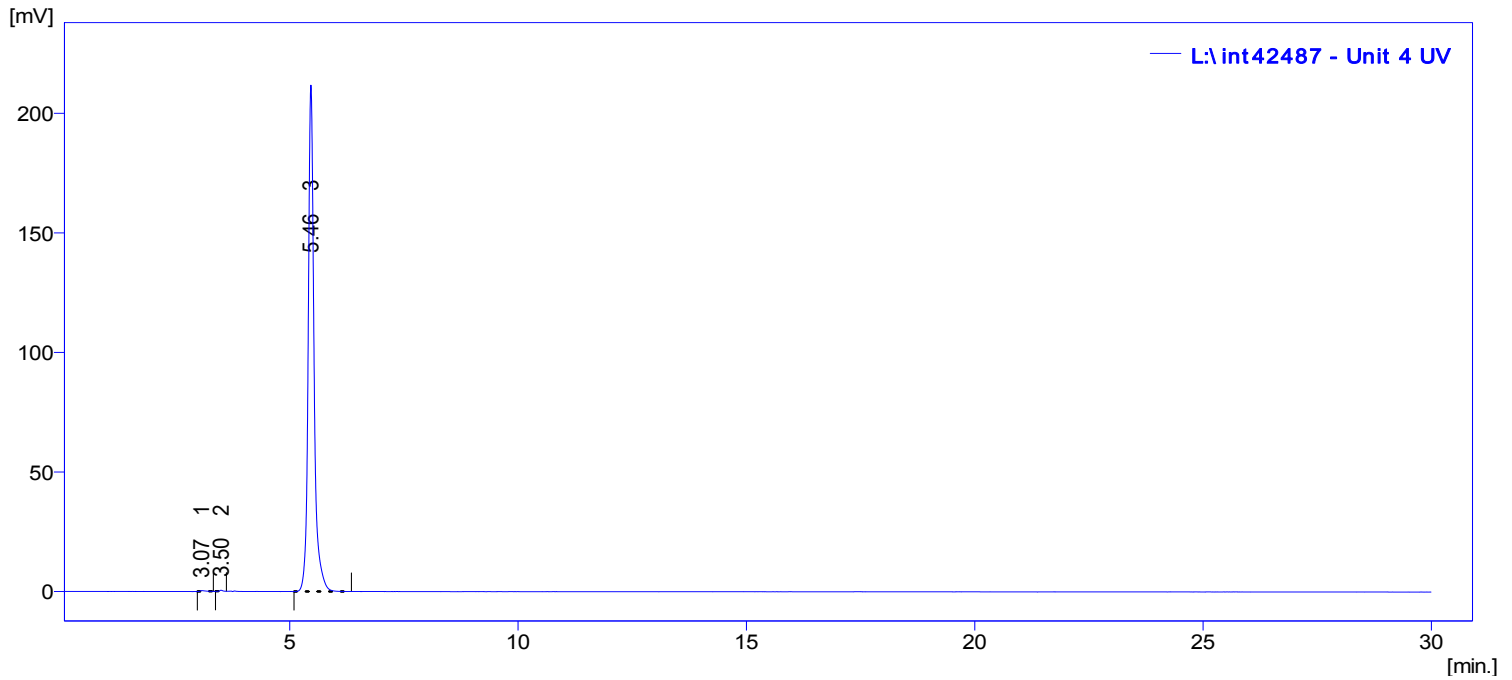
B) Mass spectrometry - Positive mode

C) NMR

M-1914
2'-Fluoro-2'-deoxy-D-arabinofuranosyl cytosine
Lot 197-082-000-A-20100628-PV

Chromatogram Info:

File Name	: L:\int42487	File Created	: 4/29/2014 1:49:01 PM
Origin	: Acquired, Acquisition started 7/6/2010 3:05:30 PM	Acquired Date	: 7/6/2010 3:35:30 PM
Project	: Work1	By	: Administrator
Method	: Unit4-30minrun	By	: Administrator
Description	: UV trace of 2'-Fluoro-2'-deoxy-D-arabinofuranosyl cytosine		
Created	: 8/7/2007 9:44 AM	Modified	: 4/29/2014 1:55 PM
Column	:	Detection	: UV 255nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



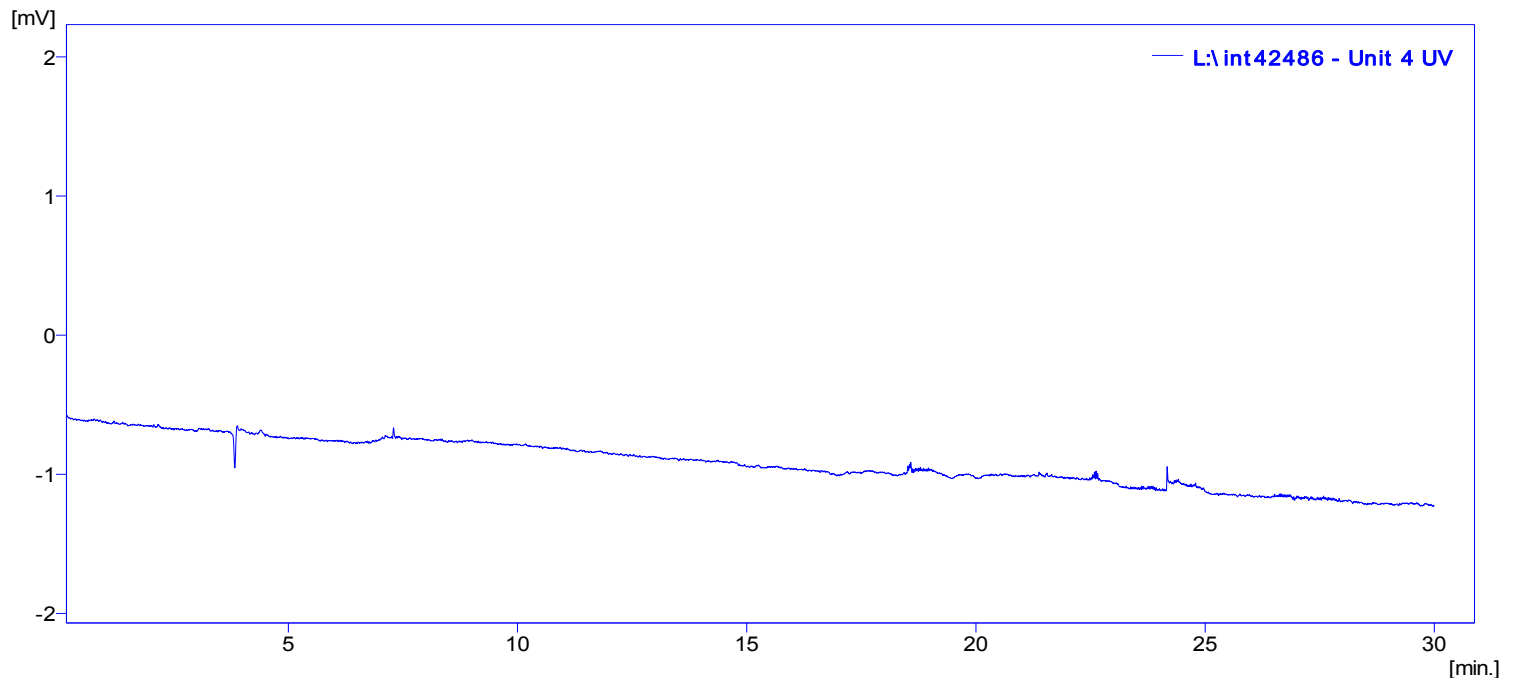
Result Table (Uncal - L:\int42487 - Unit 4 UV)

	Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/I [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
1		3.07	2.841	0.37	0.15	0.2	0.12	3433	68652		2.37	
2		3.50	2.130	0.45	0.11	0.2	0.07	12595	251910	2.56	1.02	
3		5.46	1883.441	211.83	99.74	99.6	0.13	10306	206125	11.60	1.23	
	Total		1888.412	212.65	100.00	100.0						

M-1914
2'-Fluoro-2'-deoxy-D-arabinofuranosyl cytosine
Lot 197-082-000-A-20100628-PV

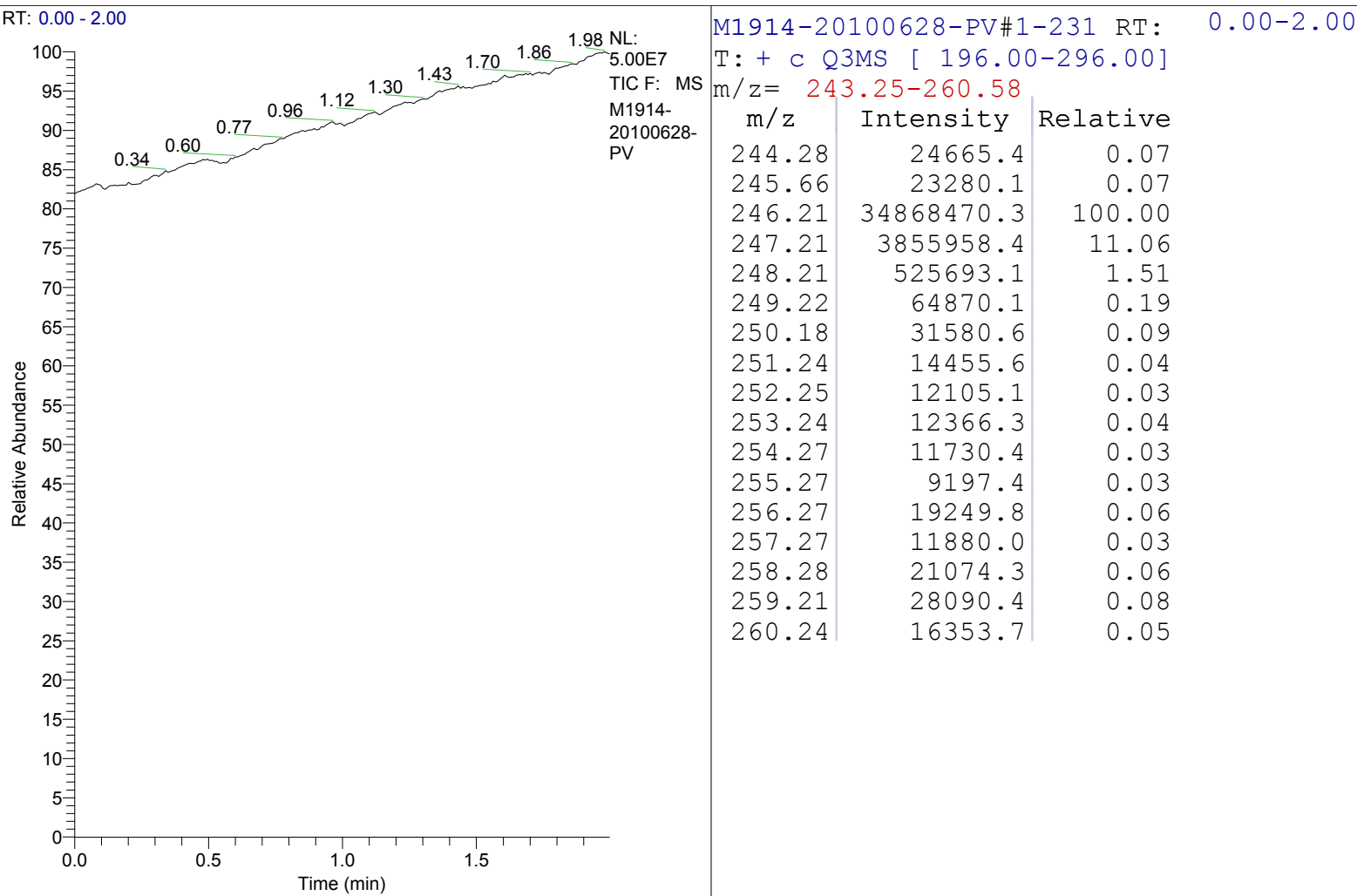
Chromatogram Info:

File Name : L:\int42486 File Created : 4/29/2014 1:49:01 PM
Origin : Acquired, Acquisition started 7/6/2010 2:22:05 PM Acquired Date : 7/6/2010 2:52:05 PM
Project : Work1 By : Administrator
Method : Unit4-30minrun By : Administrator
Description : UV trace of blank injection
Created : 8/7/2007 9:44 AM Modified : 4/29/2014 1:52 PM
Column : Detection : UV 255nm
Mobile Phase : Temperature :
Flow Rate : Pressure :
Note :

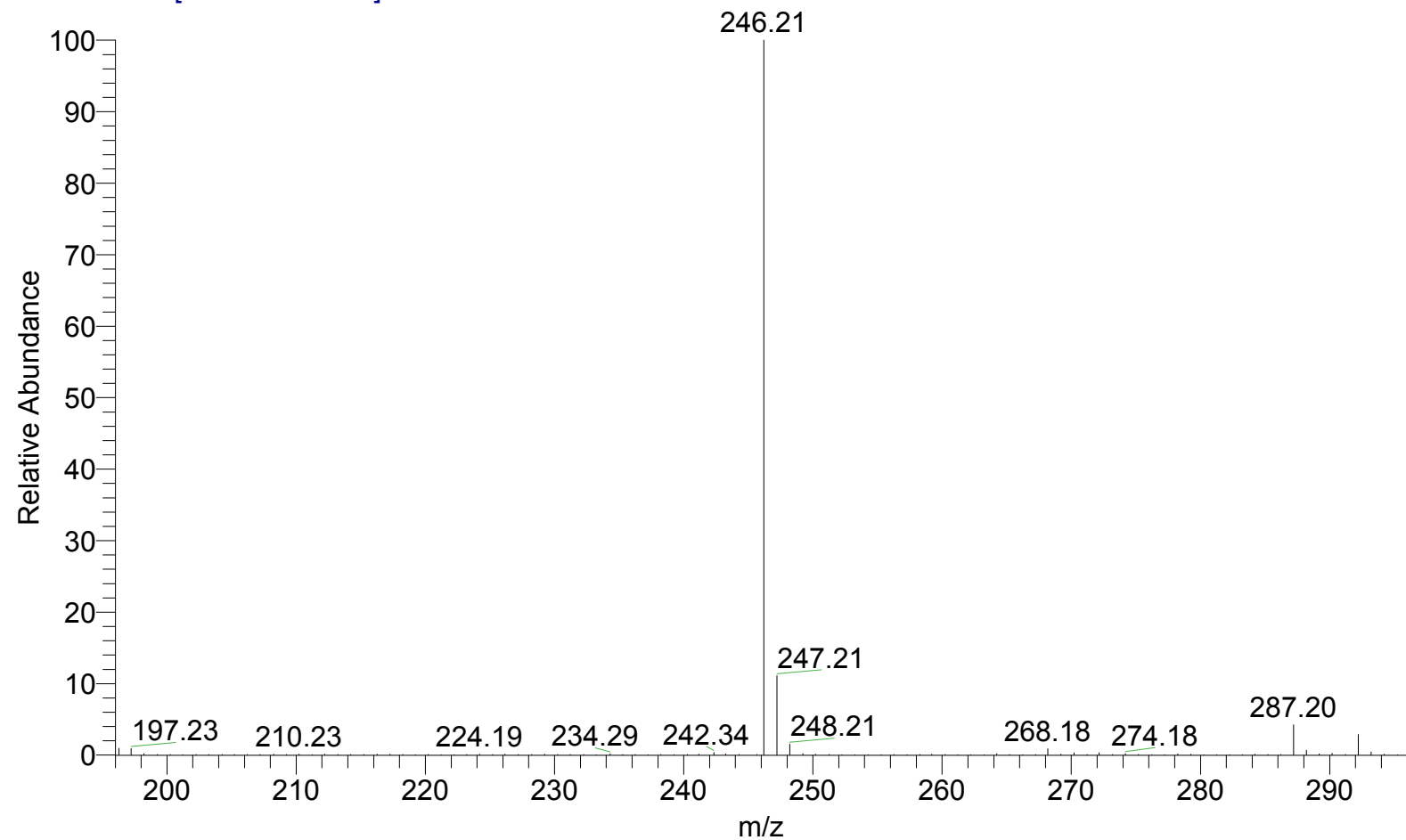


Result Table (Uncal - L:\int42486 - Unit 4 UV)

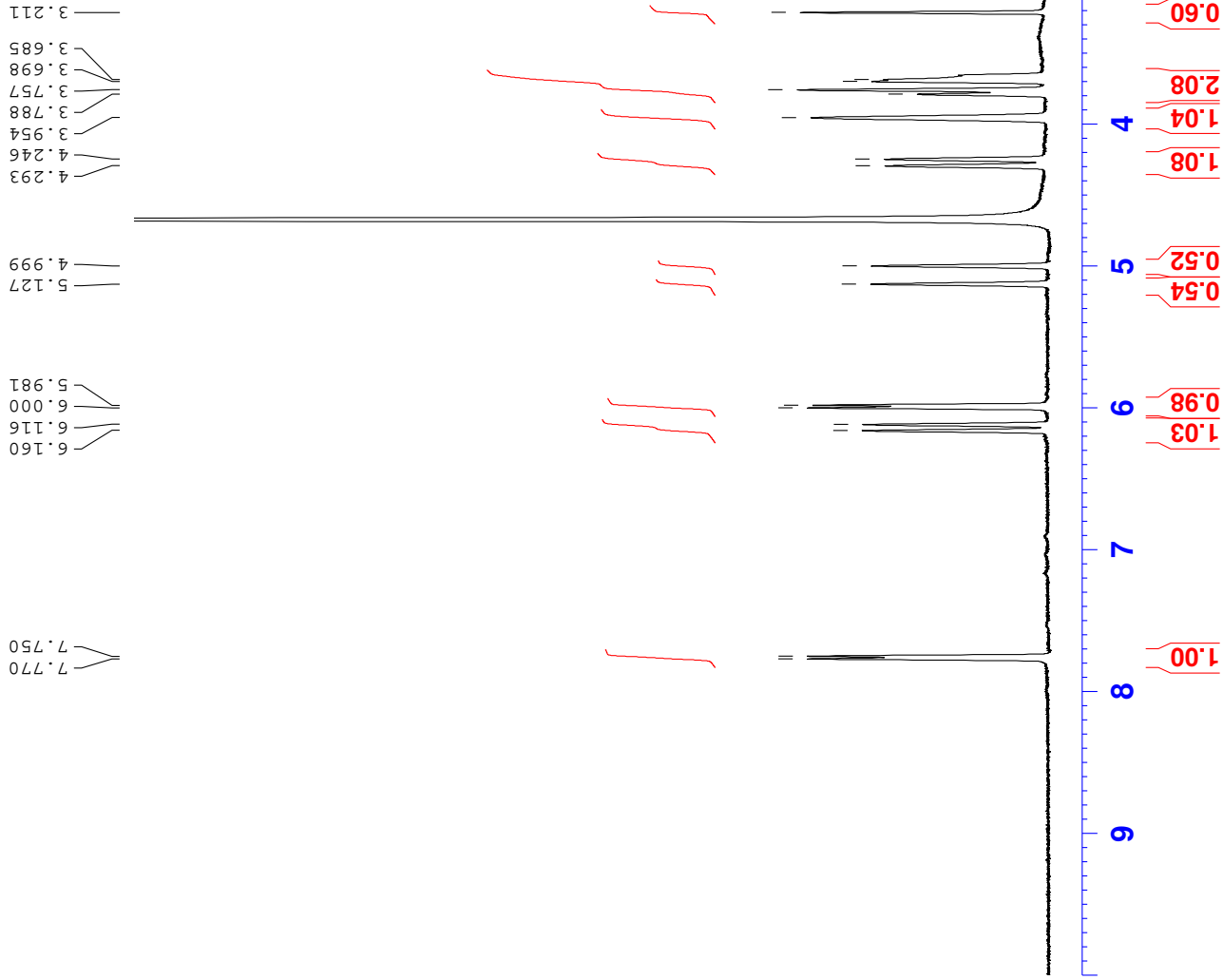
Compound Name	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]	Efficiency [th.pl]	Eff/l [t.p./m]	Resolution [-]	Symmetry/Tailing [-]	Response Factor
No peak to report											



M1914-20100628-PV #1-231 RT: 0.00-2.00 AV: 231 NL: 3.49E7
T: + c Q3MS [196.00-296.00]



M1914 1H NMR in D2O
Batch 20100628-PV



NAME M1914
EXPNO 1
PROCNO 1
Date_ 20100708
Time 15.58
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT D2O
NS 512
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 181
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
SF01 400.1324710 MHz
SI 32768
SF 400.1300109 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00