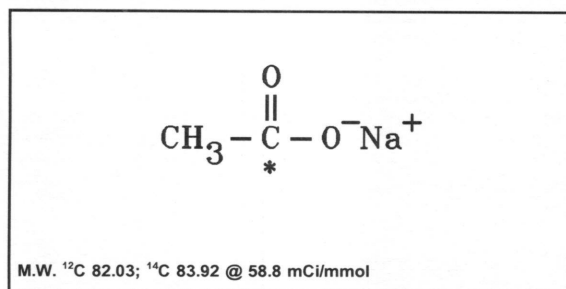




Product Data Sheet

MC-125

Acetic acid, sodium salt, [1-¹⁴C]-



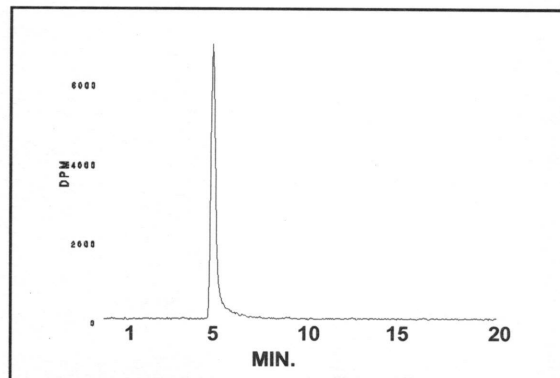
Lot #: 648-125-0588-A-20110512-JH

Specific Activity: 58.8 mCi/mmol

Packaged as: Solid

Date of Analysis: October 26, 2011

Radiochemical Purity: 99.5%



HPLC ANALYSIS LOT 648-125-0588-A-20110512-JH
File Name: int11478 Date and Time: 10/26/2011 11:38:40
Unit 1 Radio

Peak #	Area %	Time	Area
1	99.50	5.57000	13607.11804
2	0.50	7.96000	68.44278
Totals	100.00		13675.56082

Stability and 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.

MC-125

Acetic acid, sodium salt, [1-¹⁴C]-

Lot 648-125-0588-A-20110512-JH

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

Concentrations and volumes:

Standard solution concentration was 1.0 mg/mL.

Acetic acid, sodium salt, [1-¹⁴C]- concentration was 60 µCi/mL.

Volume of standard alone injection was 3.0 µL.

Volume of **Acetic acid, sodium salt, [1-¹⁴C]-** alone injection was 0.5 µL.

Co-injection solution consisted of 0.5 µL **Acetic acid, sodium salt, [1-¹⁴C]-** + 3.0 µL standard.

Volume of co-injection was 3.5 µL.

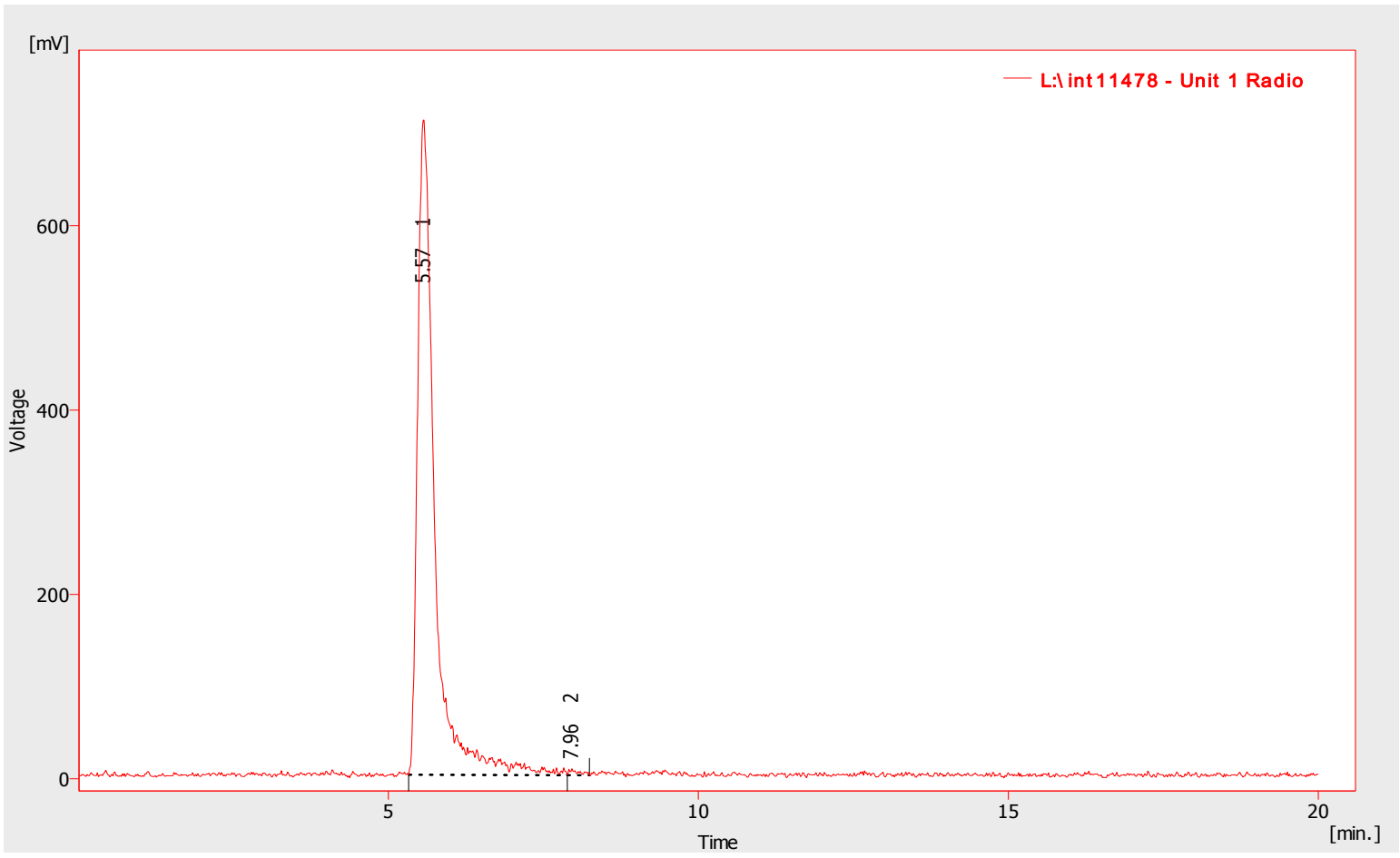
Volume of blank injection was 5.0 µL.

B) NMR

MC-125
Acetic acid, sodium salt, [1-14C]-
Lot 648-125-0588-A-20110512-JH

Chromatogram Info:

File Name	: L:\int11478	File Created	: 10/26/2011 11:38:57 AM
Origin	: Acquired	Acquired Date	: 10/26/2011 11:38:40 AM
Project	: Test	By	: Administrator
Method	: unit1-20minrun	By	: Administrator
Description	: Radiochemical trace of 14C material alone	Modified	: 10/26/2011 3:34 PM
Created	: 8/17/2007 2:17 PM		
Column	:	Detection	: Radiochemical
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



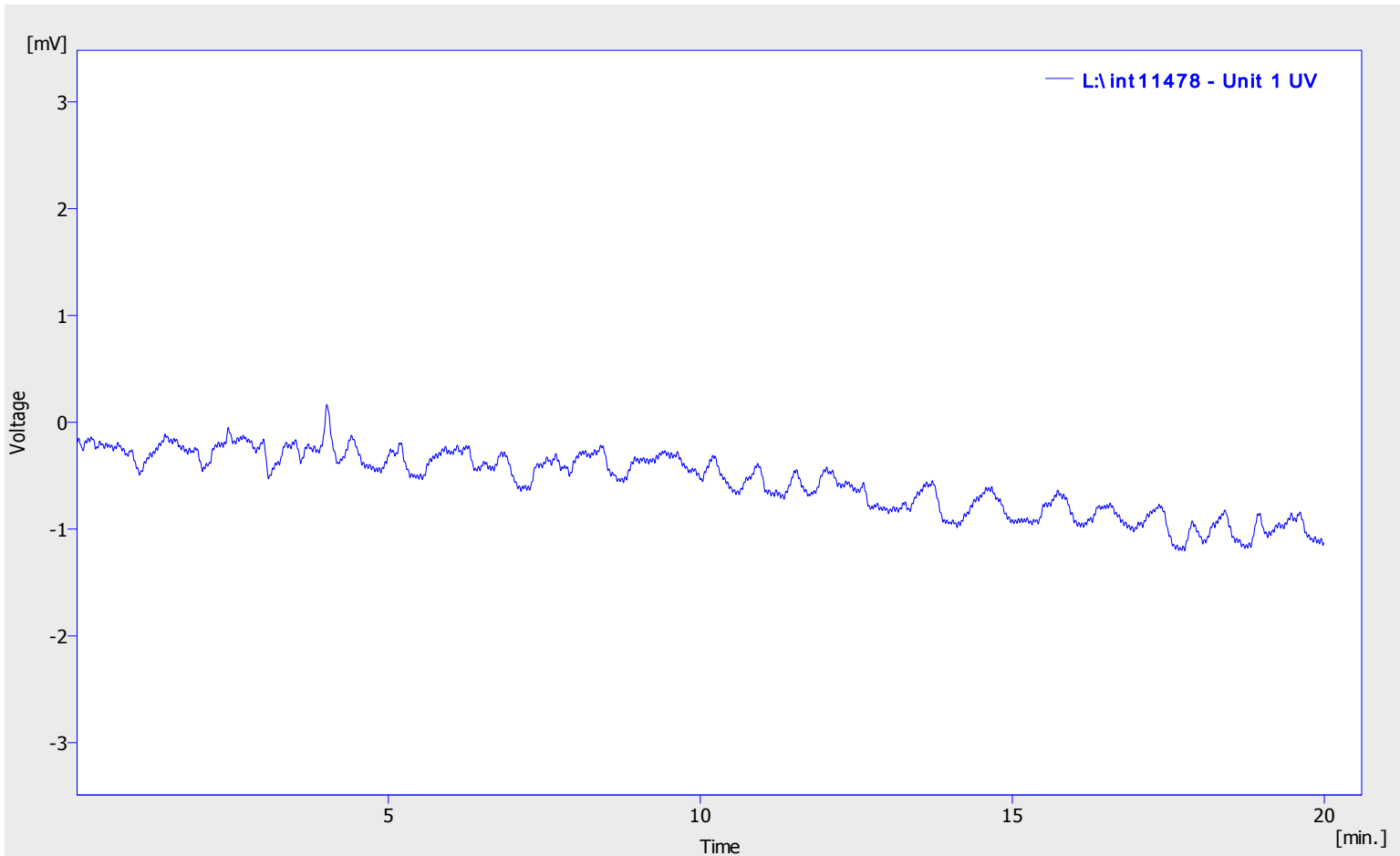
Result Table (Uncal - L:\int11478 - Unit 1 Radio)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
1	5.570	13607.118	710.606	99.50	99.0	0.26
2	7.960	68.443	6.962	0.50	1.0	0.12
	Total	13675.561	717.569	100.00	100.0	

MC-125
Acetic acid, sodium salt, [1-14C]-
Lot 648-125-0588-A-20110512-JH

Chromatogram Info:

File Name	: L:\int11478	File Created	: 10/26/2011 11:38:57 AM
Origin	: Acquired	Acquired Date	: 10/26/2011 11:38:40 AM
Project	: Test	By	: Administrator
Method	: unit1-20minrun	By	: Administrator
Description	: UV trace of 14C material alone	Modified	: 10/26/2011 3:25 PM
Created	: 8/17/2007 2:17 PM		
Column	:	Detection	: UV 205nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



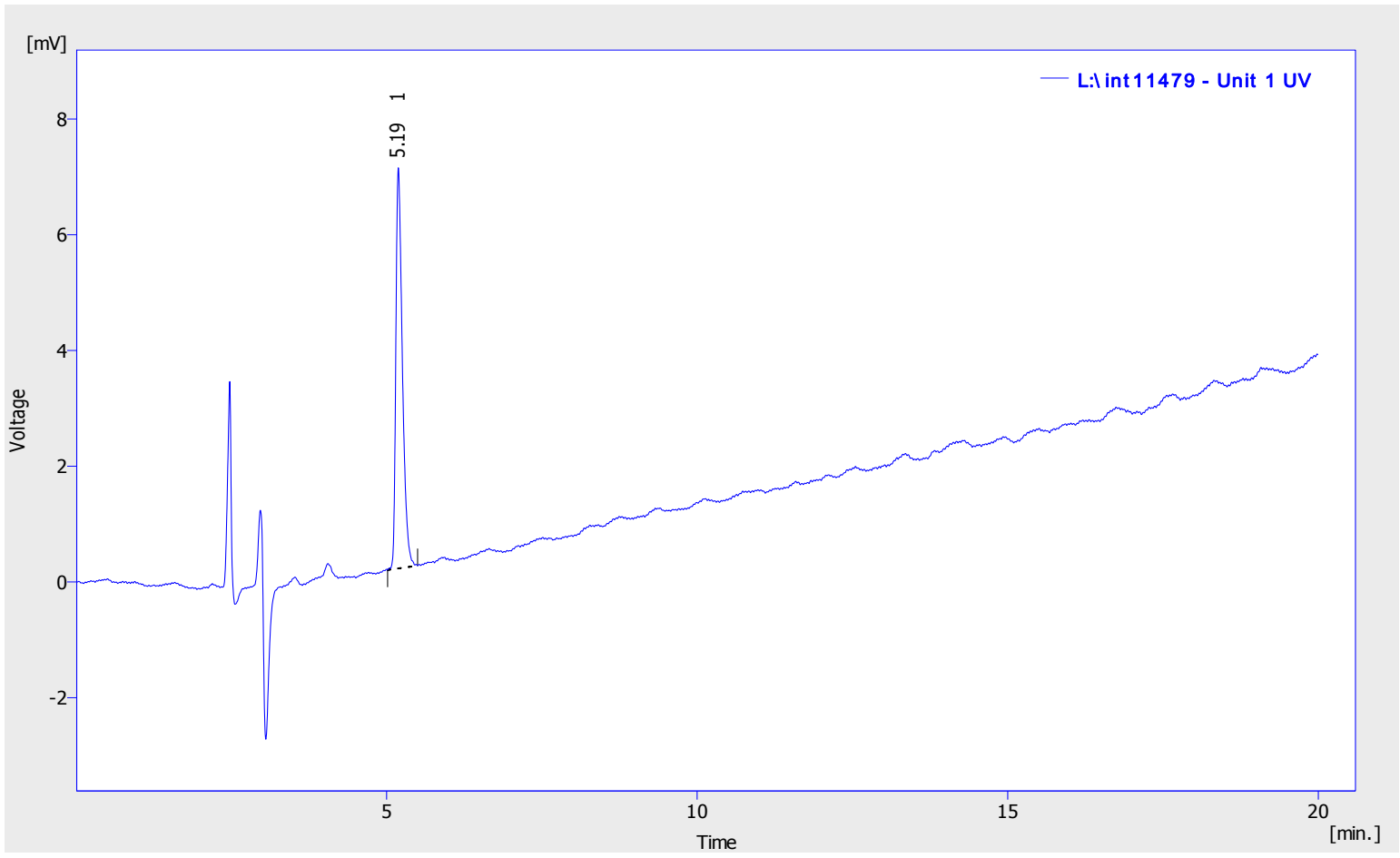
Result Table (Uncal - L:\int11478 - Unit 1 UV)

Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
No peak to report					

MC-125
Acetic acid, sodium salt, [1-14C]-
Lot 648-125-0588-A-20110512-JH

Chromatogram Info:

File Name	: L:\int11479	File Created	: 10/26/2011 12:32:35 PM
Origin	: Acquired	Acquired Date	: 10/26/2011 12:32:17 PM
Project	: Test	By	: Administrator
Method	: unit1-20minrun	By	: Administrator
Description	: UV trace of standard alone	Modified	: 10/26/2011 3:28 PM
Created	: 8/17/2007 2:17 PM		
Column	:	Detection	: UV 205nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



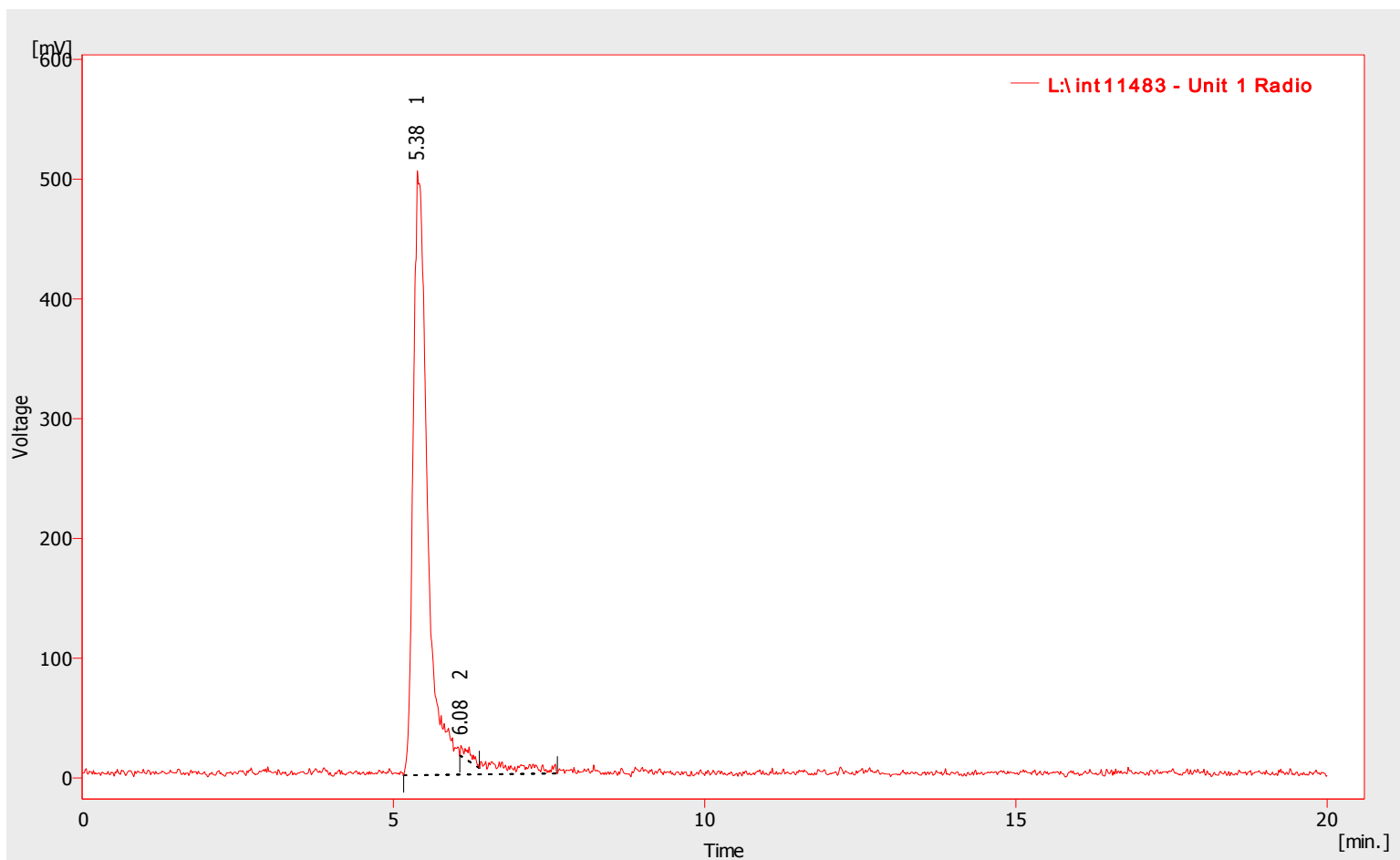
Result Table (Uncal - L:\int11479 - Unit 1 UV)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
1	5.190	50.670	6.925	100.00	100.0	0.11
	Total	50.670	6.925	100.00	100.0	

MC-125
Acetic acid, sodium salt, [1-14C]-
Lot 648-125-0588-A-20110512-JH

Chromatogram Info:

File Name	: L:\int11483	File Created	: 10/26/2011 3:17:42 PM
Origin	: Acquired	Acquired Date	: 10/26/2011 3:17:25 PM
Project	: Test	By	: Administrator
Method	: unit1-20minrun	By	: Administrator
Description	: Radiochemical trace of 14C material co-injected with standard	Modified	: 10/26/2011 3:42 PM
Created	: 8/17/2007 2:17 PM		
Column	:	Detection	: Radiochemical
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



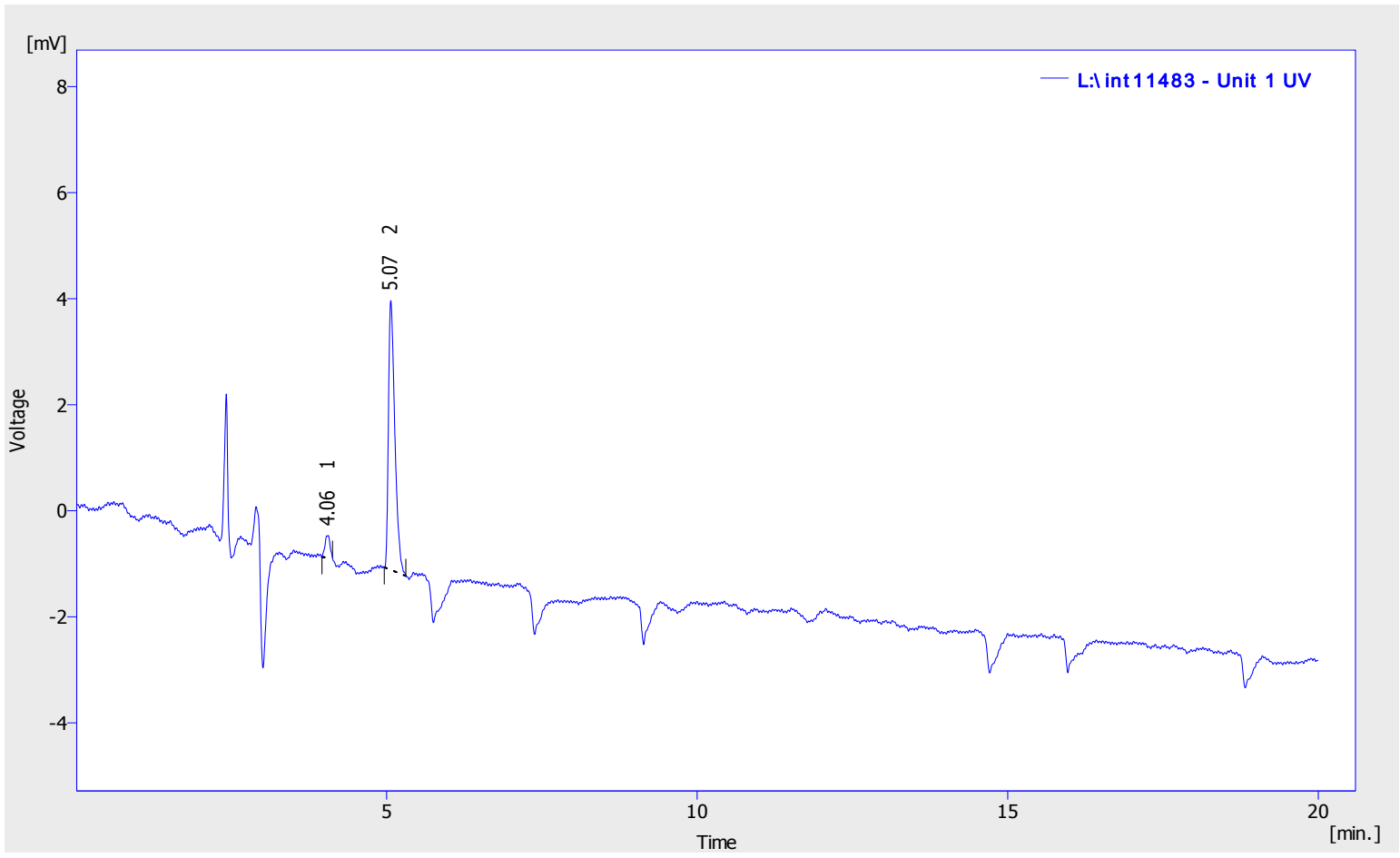
Result Table (Uncal - L:\int11483 - Unit 1 Radio)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
1	5.383	8762.688	504.593	98.74	98.3	0.23
2	6.083	111.664	8.779	1.26	1.7	0.05
	Total	8874.352	513.372	100.00	100.0	

MC-125
Acetic acid, sodium salt, [1-14C]-
Lot 648-125-0588-A-20110512-JH

Chromatogram Info:

File Name	: L:\int11483	File Created	: 10/26/2011 3:17:42 PM
Origin	: Acquired	Acquired Date	: 10/26/2011 3:17:25 PM
Project	: Test	By	: Administrator
Method	: unit1-20minrun	By	: Administrator
Description	: UV trace of 14C material co-injected with standard	Modified	: 10/26/2011 3:43 PM
Created	: 8/17/2007 2:17 PM		
Column	:	Detection	: UV 205nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



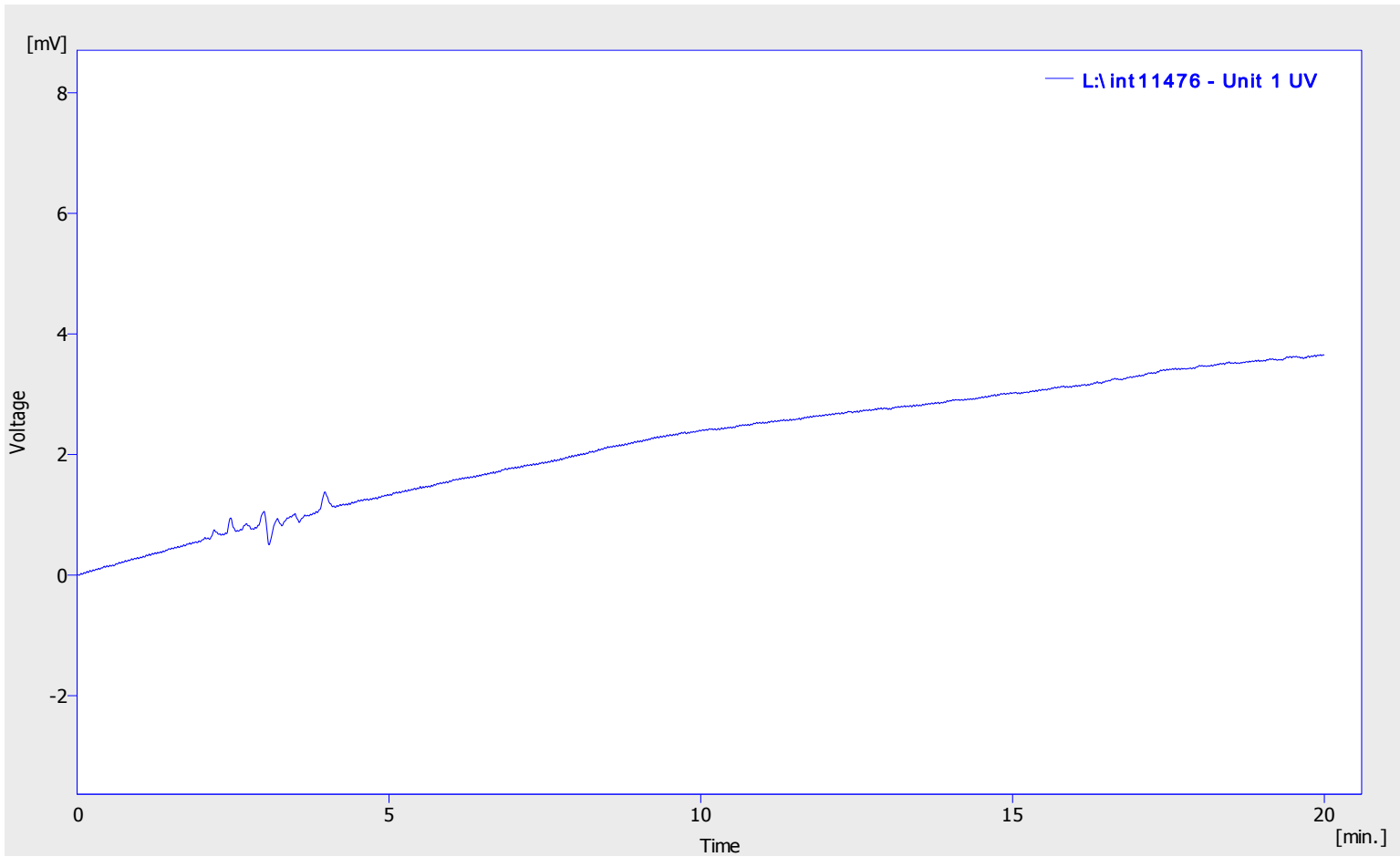
Result Table (Uncal - L:\int11483 - Unit 1 UV)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
1	4.060	2.322	0.415	6.03	7.6	0.09
2	5.067	36.172	5.079	93.97	92.4	0.11
	Total	38.495	5.494	100.00	100.0	

MC-125
Acetic acid, sodium salt, [1-14C]-
Lot 648-125-0588-A-20110512-JH

Chromatogram Info:

File Name	: L:\int11476	File Created	: 10/26/2011 10:06:20 AM
Origin	: Acquired	Acquired Date	: 10/26/2011 10:06:02 AM
Project	: Test	By	: Administrator
Method	: unit1-20minrun	By	: Administrator
Description	: UV trace of blank injection	Modified	: 10/26/2011 3:30 PM
Created	: 8/17/2007 2:17 PM		
Column	:	Detection	: UV 205nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int11476 - Unit 1 UV)

Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
No peak to report					

MC125 1H NMR in D2O
Batch 20110512-JH



1.778

NAME MC125-20110512-JH
EXPNO 1
PROCNO 1
Date_ 20111027
Time 11.33
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT D2O
NS 256
DS 2
SWH 8012.820 Hz
FIDRES 0.122266 Hz
AQ 4.0894966 sec
RG 161.3
DW 62.400 usec
DE 6.50 usec
TE 295.2 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 400.1300090 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

