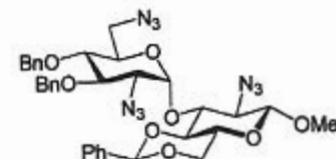


Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_14Jan2004

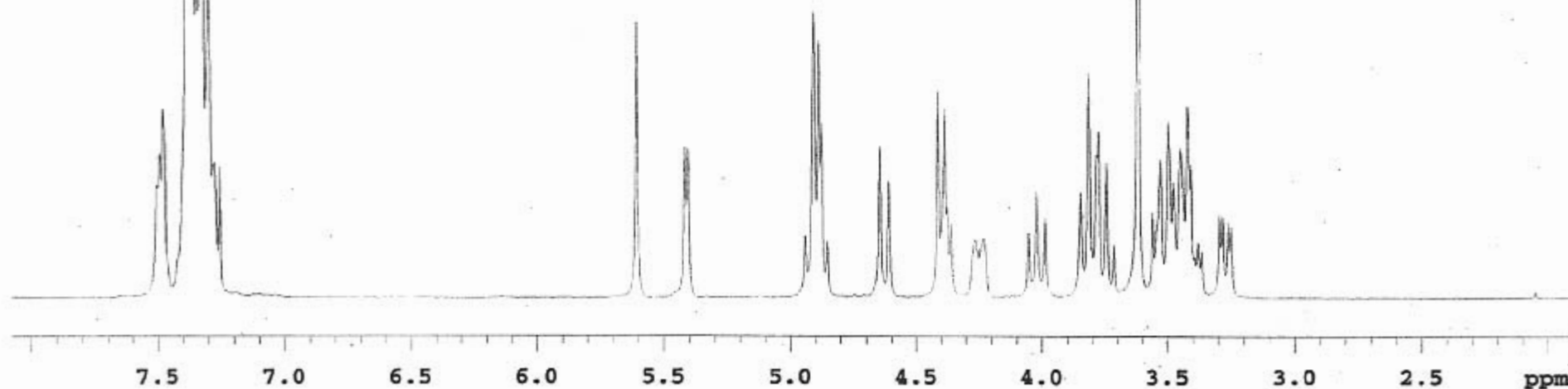
Pulse Sequence: s2pul

Solvent: CDCl₃
Temp. 25.0 C / 298.1 K
File: rao-ii-55-2
INOVA-500 "nmr3"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.993 sec
Width 5005.0 Hz
64 repetitions
OBSERVE H1, 300.0803959 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 3 min, 12 sec



7

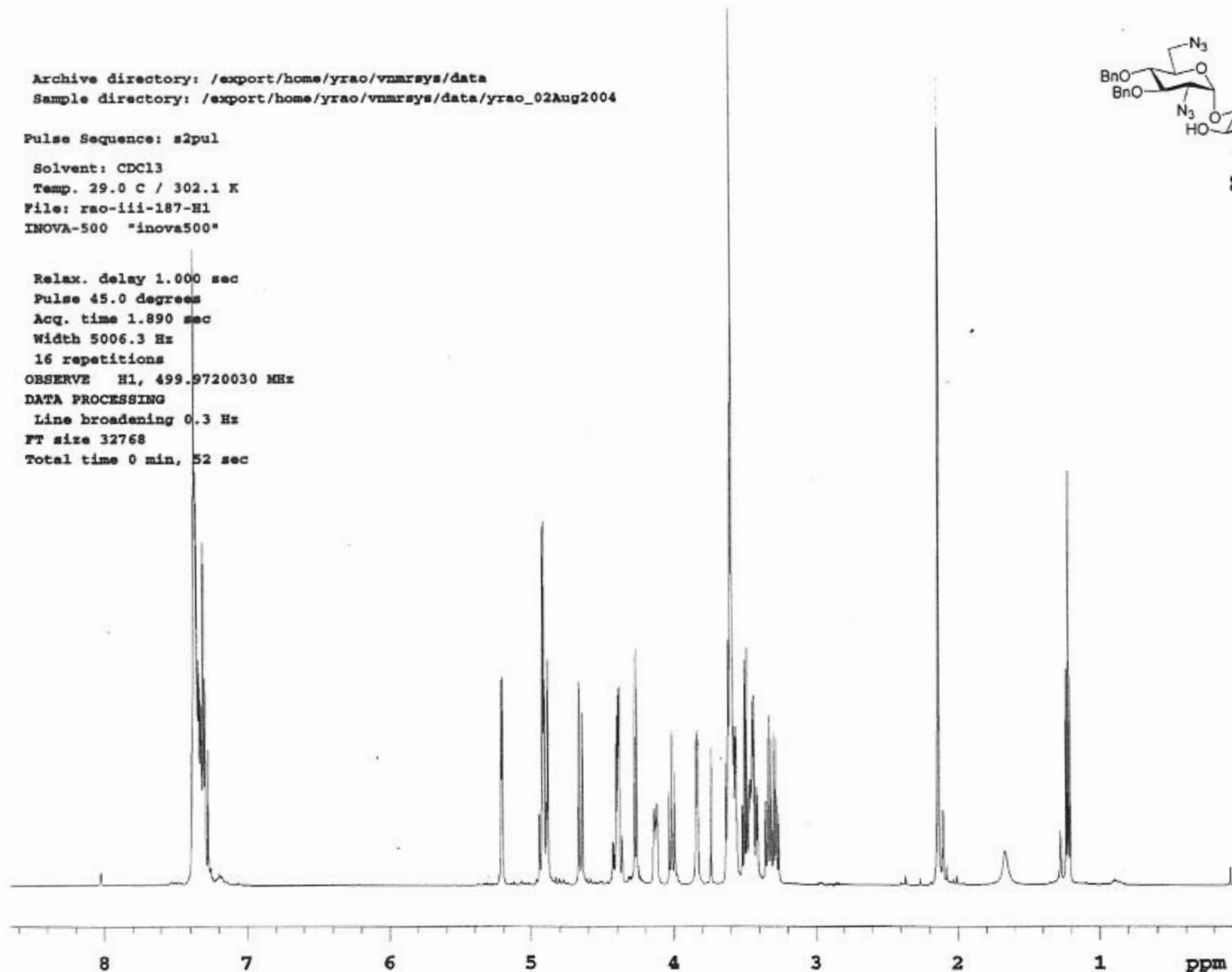


Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_02Aug2004

Pulse Sequence: s2pul

Solvent: CDCl3
Temp. 29.0 C / 302.1 K
File: rao-iii-187-H1
INOVA-500 "inova500"

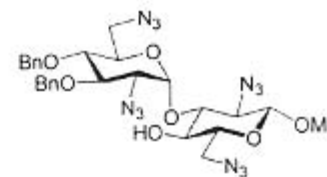
Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.890 sec
Width 5006.3 Hz
16 repetitions
OBSERVE H1, 499.9720030 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 0 min, 52 sec



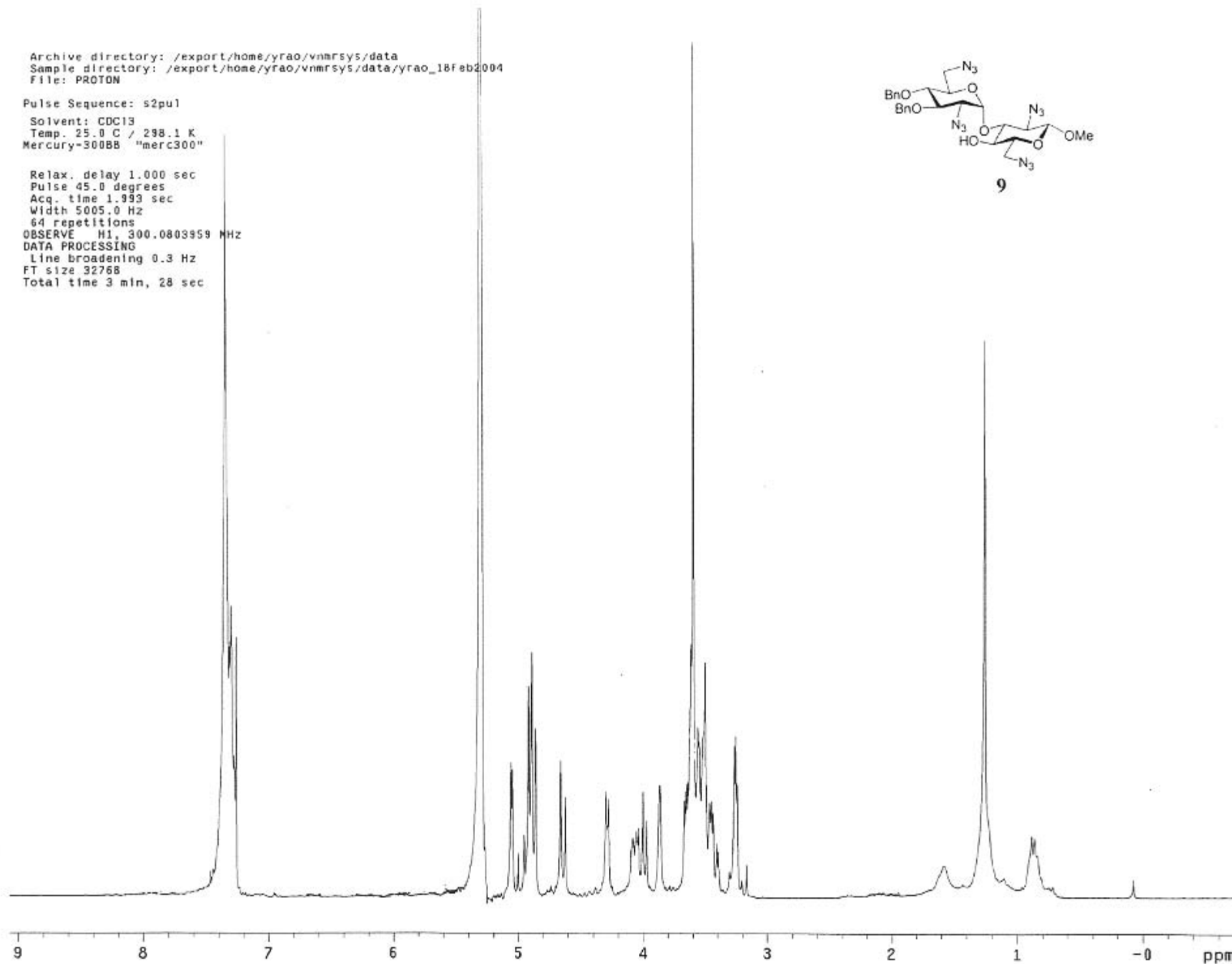
Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_18feb2004
File: PROTON

Pulse Sequence: s2pu1
Solvent: CDCl3
Temp. 25.0 C / 298.1 K
Mercury-300BB "merc300"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.993 sec
Width 5005.0 Hz
64 repetitions
OBSERVE H1, 300.0803959 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 3 min, 28 sec



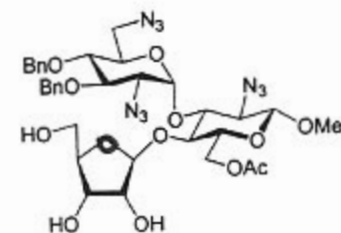
9



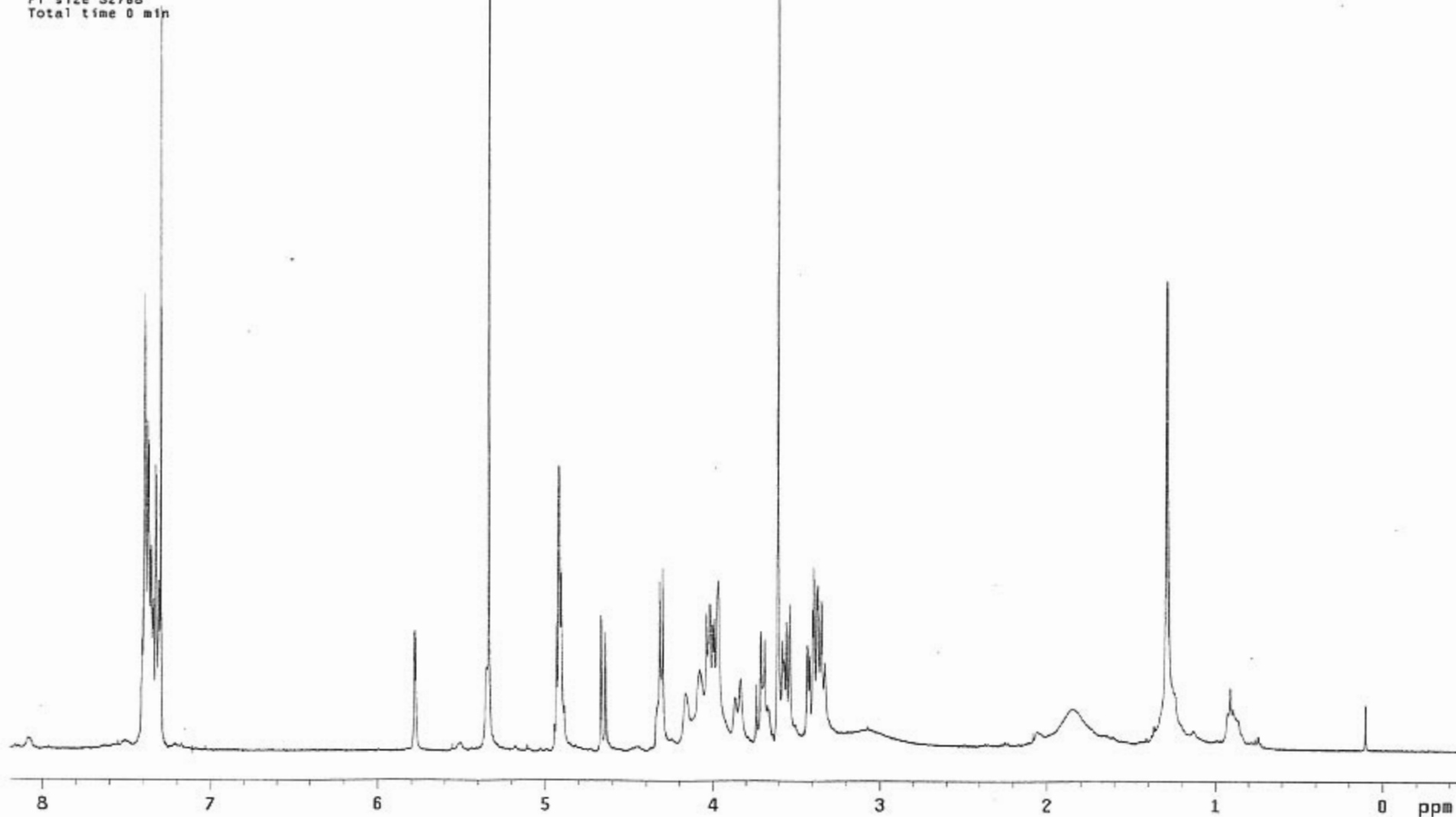
Data Collected on: chem400-mercury400
Archive directory: /export/home/naruto/vnmrsys/data
Sample directory: auto_Custom0_loc21_2004-08-08
File: rao-iv-21_H101

Pulse Sequence: s2pul
Solvent: cdcl3
Sample #21

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.992 sec
Width 6402.0 Hz
16 repetitions
OBSERVE H1, 400.1493737 MHz
DATA PROCESSING
FT size 32768
Total time 0 min



10



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_15Apr2004

Pulse Sequence: s2pul

Solvent: CDCl₃

Temp. 29.0 C / 302.1 K

File: rao-iii-7-H1

INOVA-500 "nmr1"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.890 sec

Width 5006.3 Hz

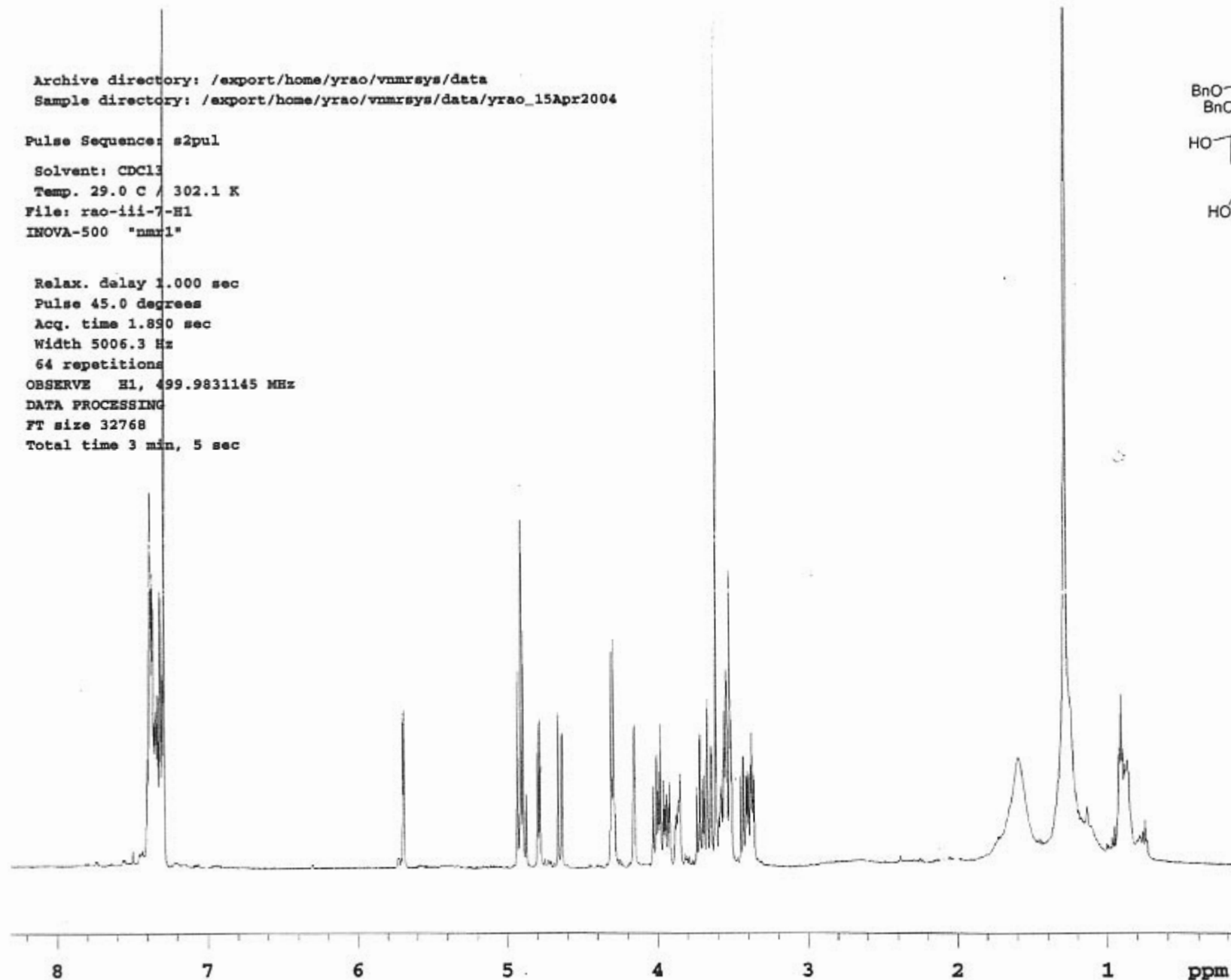
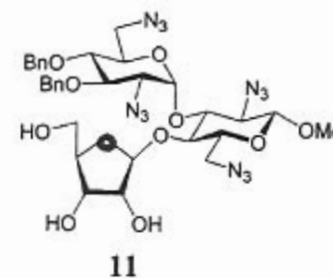
64 repetitions

OBSERVE H1, 499.9831145 MHz

DATA PROCESSING

FT size 32768

Total time 3 min, 5 sec



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_25Aug2004
File: PROTON

Pulse Sequence: s2pul

Solvent: D2O

Temp. 25.0 C / 298.1 K

INOVA-500 "inova500"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.890 sec

Width 5006.3 Hz

64 repetitions

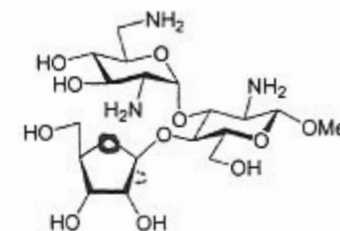
OBSERVE H1, 499.9732924 MHz

DATA PROCESSING

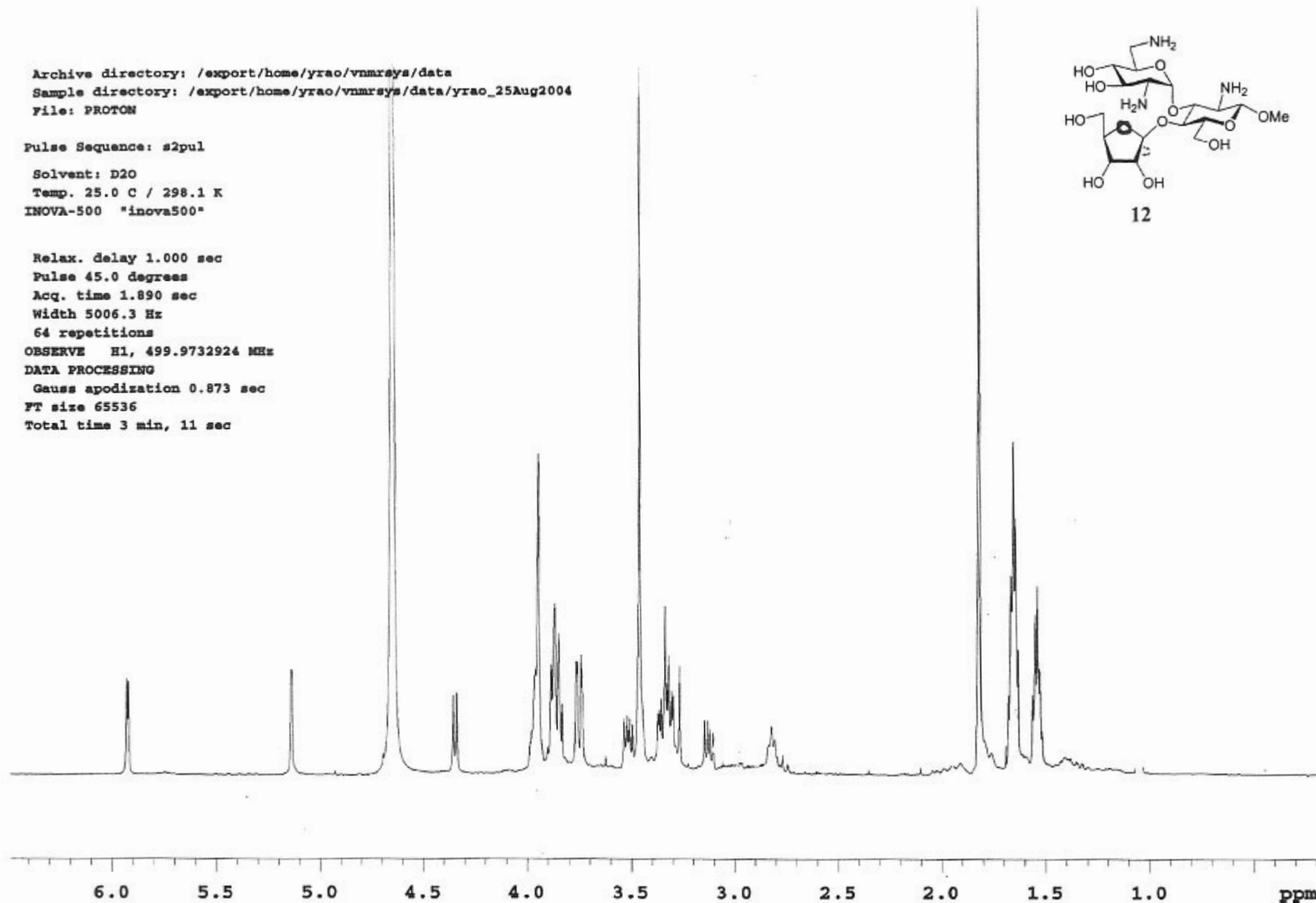
Gauss apodization 0.873 sec

FT size 65536

Total time 3 min, 11 sec



12

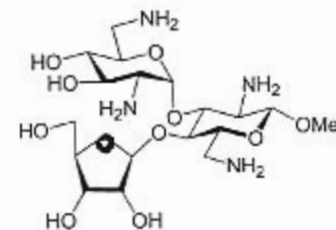


Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_25Jun2004
File: PROTON

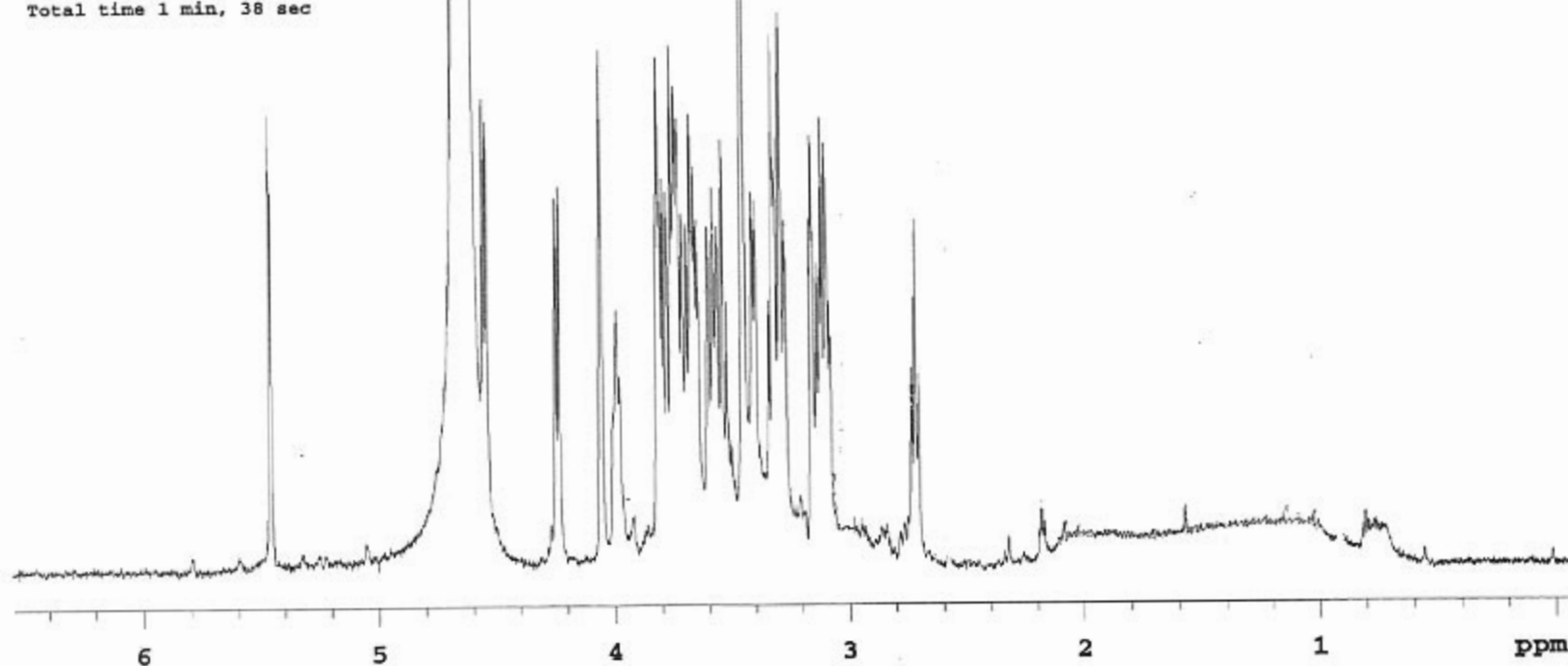
Pulse Sequence: s2pul

Solvent: D2O
Ambient temperature
INOVA-600 "inova600"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.892 sec
Width 8003.2 Hz
32 repetitions
OBSERVE H1, 599.7389491 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 1 min, 38 sec



13



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_26Apr2004

Pulse Sequence: s2pul

Solvent: CDCl₃

Temp. 29.0 C / 302.1 K

File: rao-iii-13-H1

INOVA-500 "nmr1"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.887 sec

Width 5006.3 Hz

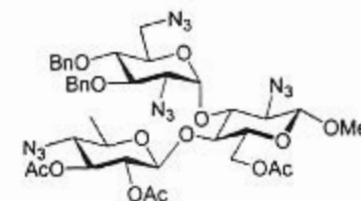
64 repetitions

OBSERVE H1, 499.9831145 MHz

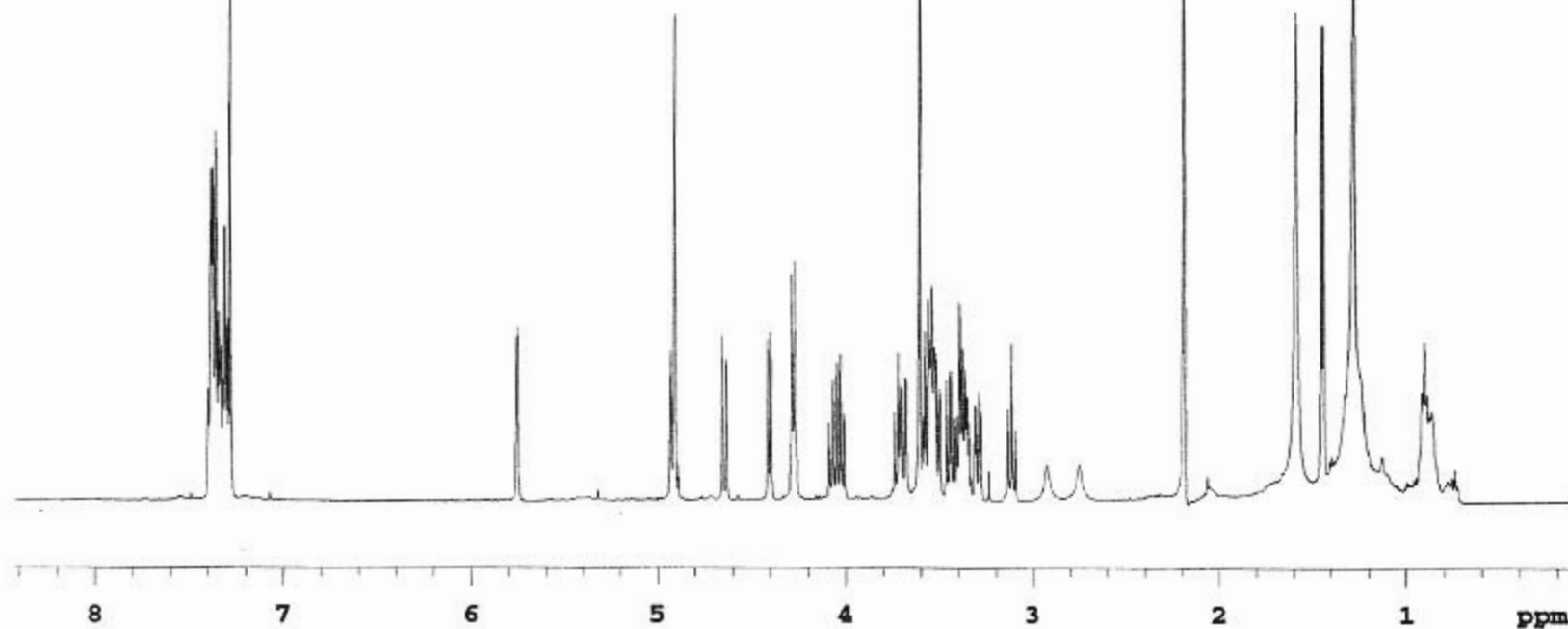
DATA PROCESSING

FT size 32768

Total time 3 min, 5 sec



14

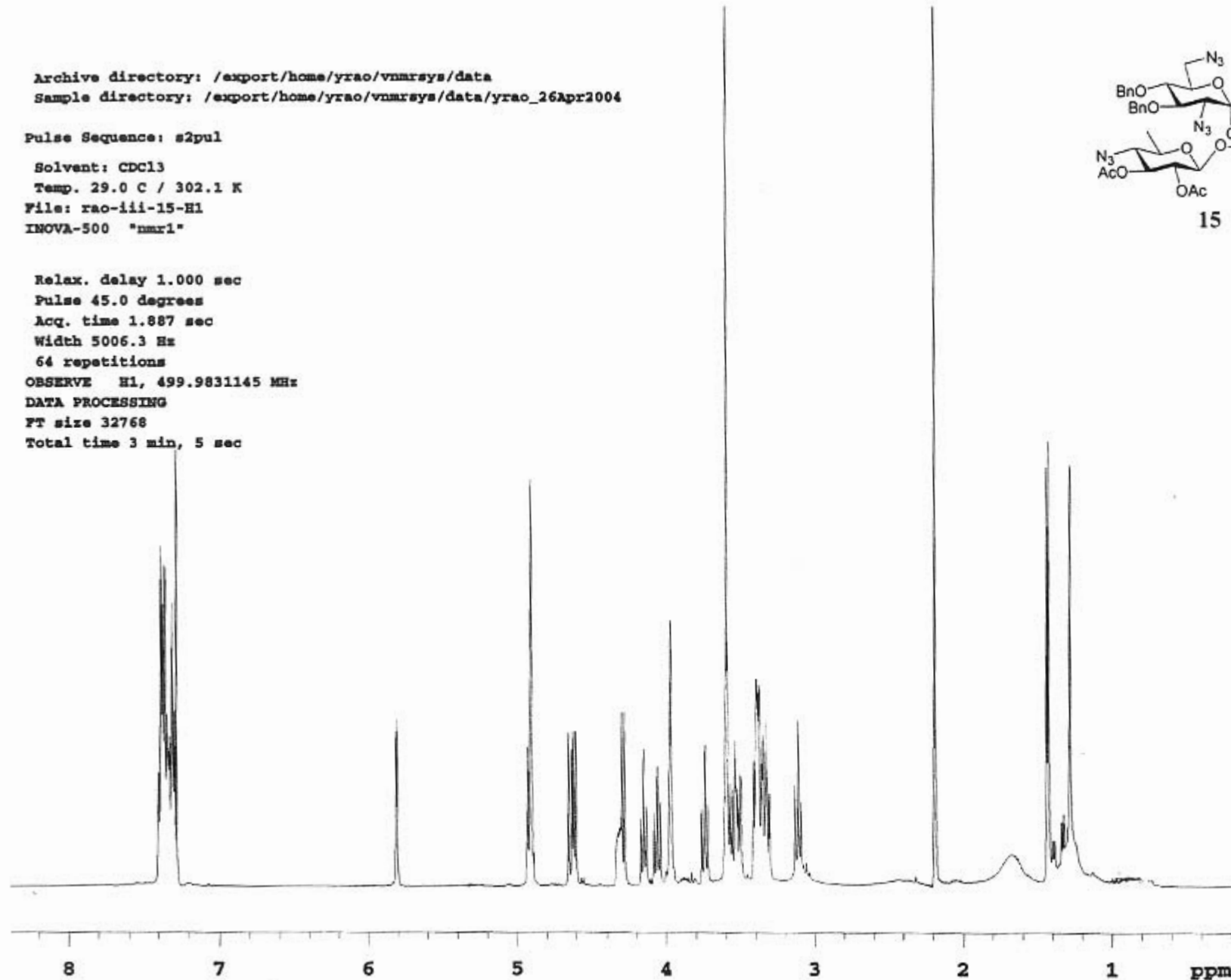
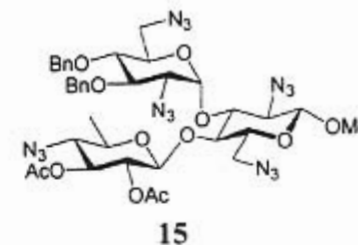


Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_26Apr2004

Pulse Sequence: s2pul

Solvent: CDCl₃
Temp. 29.0 C / 302.1 K
File: rao-iii-15-H1
INOVA-500 "nmr1"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.887 sec
Width 5006.3 Hz
64 repetitions
OBSERVE H1, 499.9831145 MHz
DATA PROCESSING
FT size 32768
Total time 3 min, 5 sec



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_11May2004

Pulse Sequence: s2pul

Solvent: D2O

Temp. 29.0 C / 302.1 K

File: rao-iii-47-H1

INOVA-500 "nmr1"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.887 sec

Width 5006.3 Hz

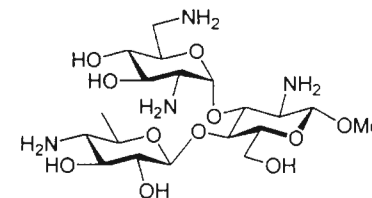
64 repetitions

OBSERVE H1, 499.9843995 MHz

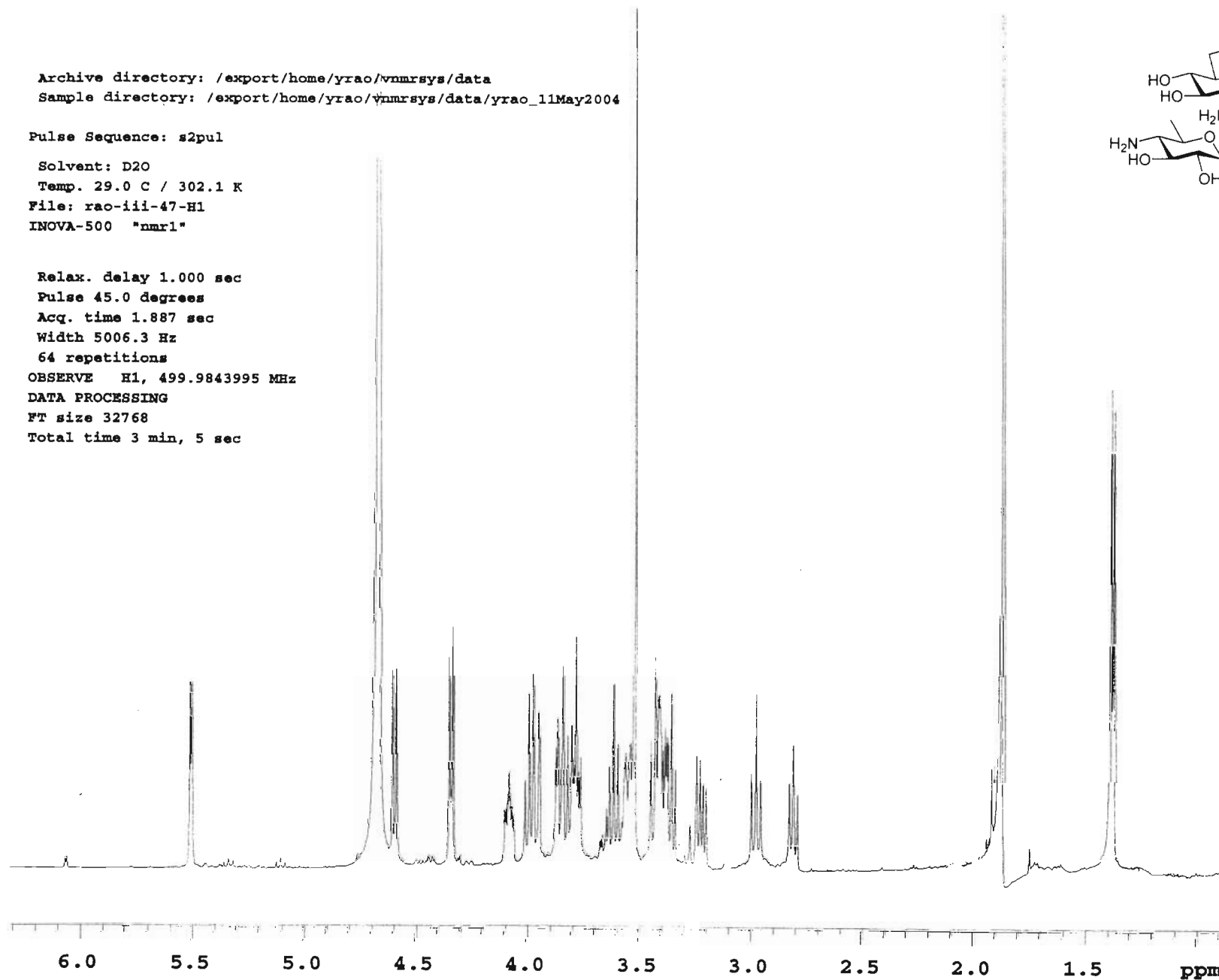
DATA PROCESSING

FT size 32768

Total time 3 min, 5 sec



16

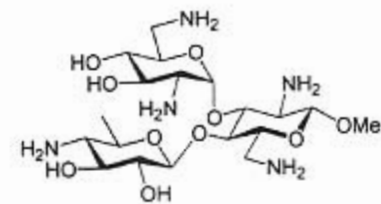
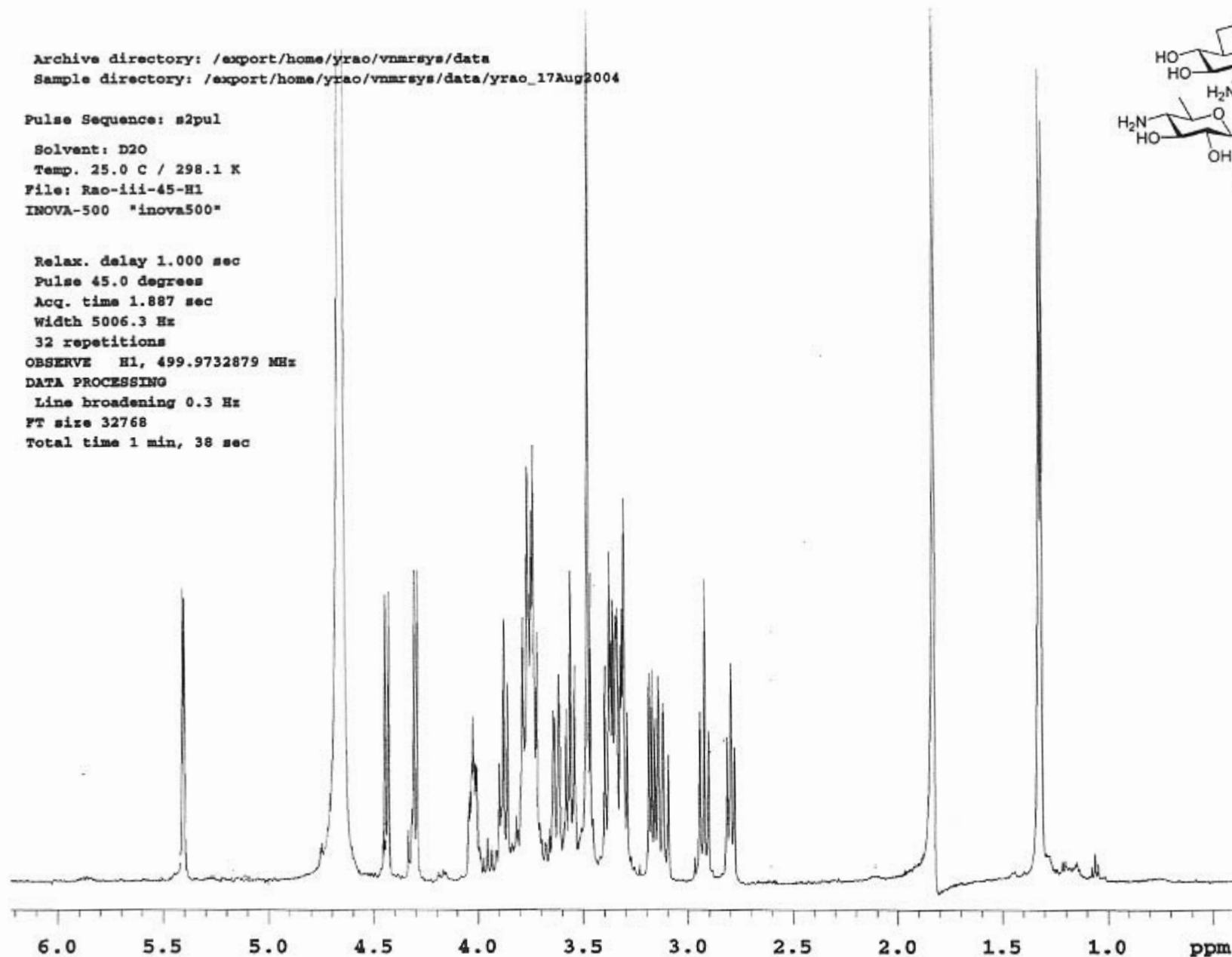


Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_17Aug2004

Pulse Sequence: s2pul

Solvent: D2O
Temp. 25.0 C / 298.1 K
File: Rao-iii-45-H1
INOVA-500 "inova500"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.887 sec
Width 5006.3 Hz
32 repetitions
OBSERVE H1, 499.9732879 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 1 min, 38 sec

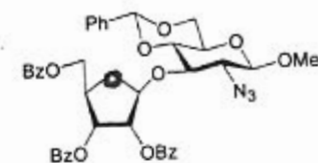


17

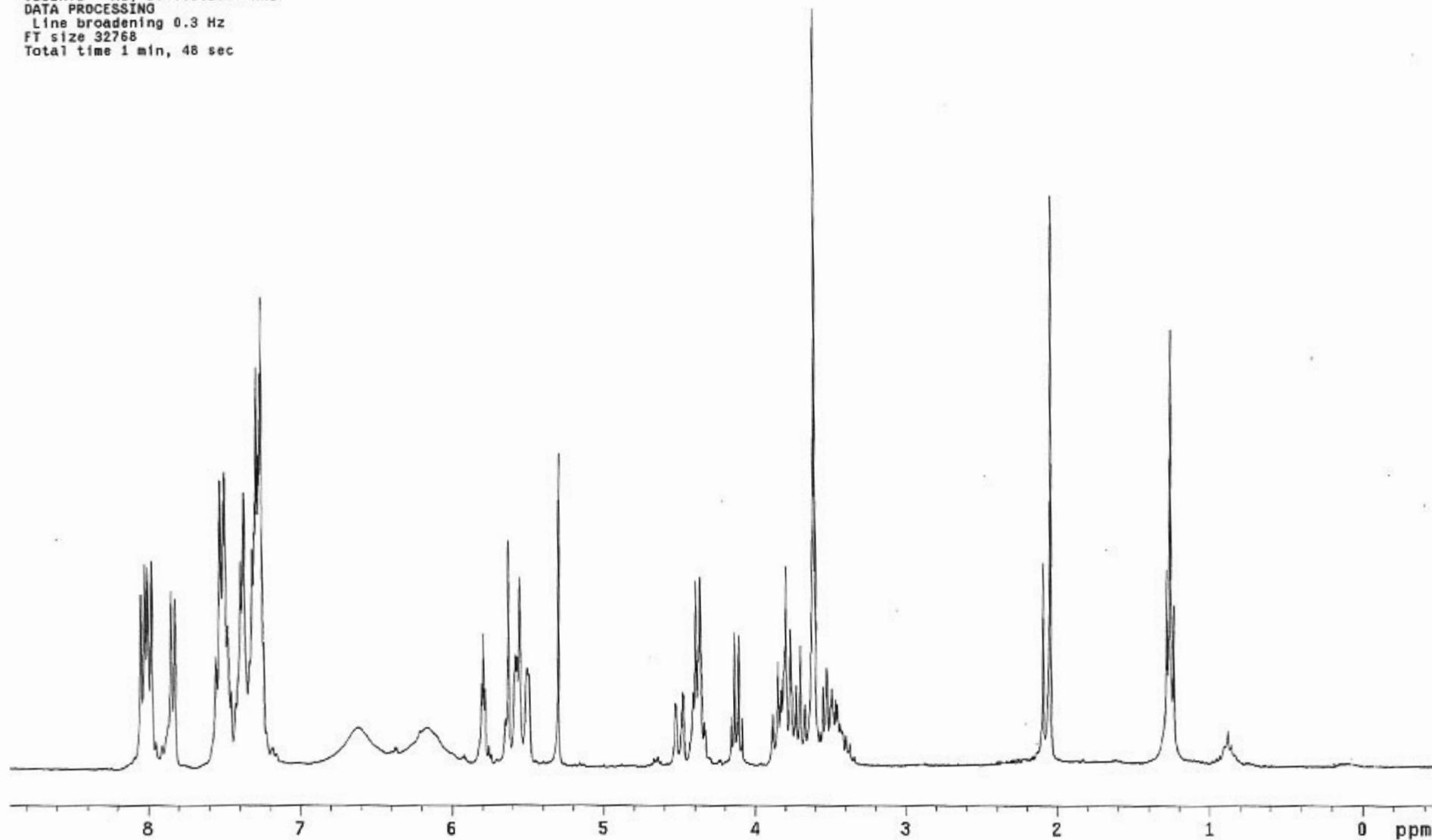
Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_01Mar2004

Pulse Sequence: s2pul
Solvent: CDCl3
Temp. 25.0 C / 298.1 K
File: rao-124-2-H1
Mercury-300BB "merc300"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.993 sec
Width 5005.0 Hz
32 repetitions
OBSERVE H1, 300.0803959 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 1 min, 46 sec



18



Archive directory: /export/home/wzhong/vnmrsys/data
Sample directory: /export/home/wzhong/vnmrsys/data/wzhong_07Mar2004

Pulse Sequence: s2pul

Solvent: CDCl₃

Temp. 25.0 C / 298.1 K

File: rao-II-143-H

INOVA-500 "nmr1"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.995 sec

Width 4506.5 Hz

4 repetitions

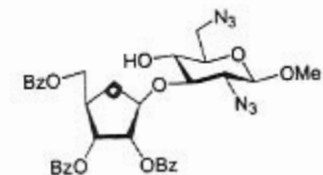
OBSERVE H1, 300.0804184 MHz

DATA PROCESSING

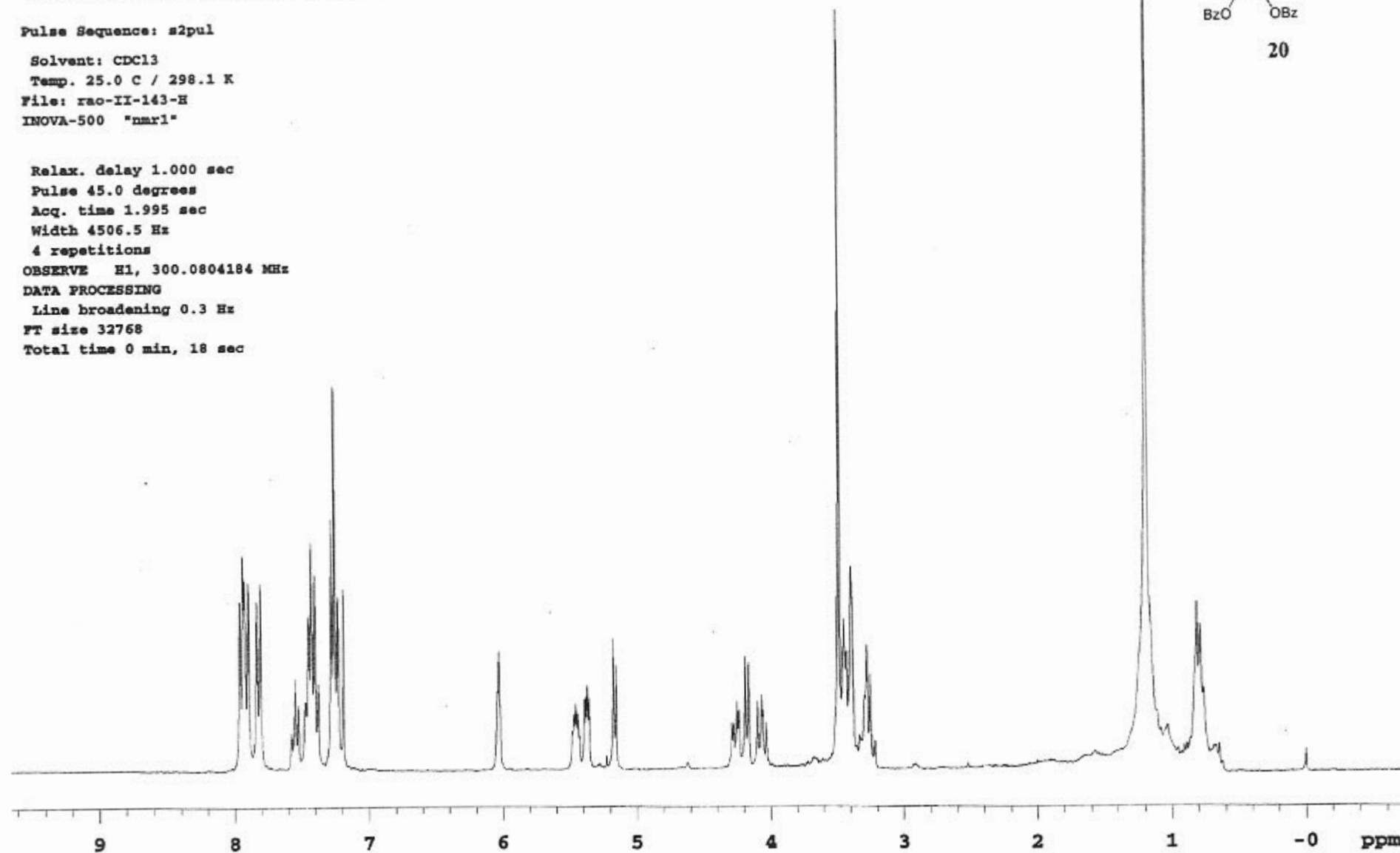
Line broadening 0.3 Hz

FT size 32768

Total time 0 min, 18 sec



20



Archive directory: /export/home/yrao/vnmrSYS/data
Sample directory: /export/home/yrao/vnmrSYS/data/yrao_13Apr2004

Pulse Sequence: s2pul

Solvent: CDCl₃

Temp. 29.0 C / 302.1 K

File: rao-iii-9-H

INOVA-500 "nmr1"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.890 sec

Width 5006.3 Hz

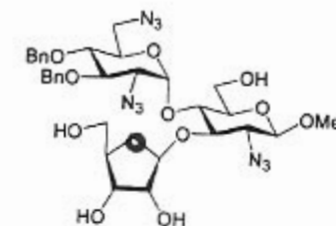
64 repetitions

OBSERVE H1, 499.9831145 MHz

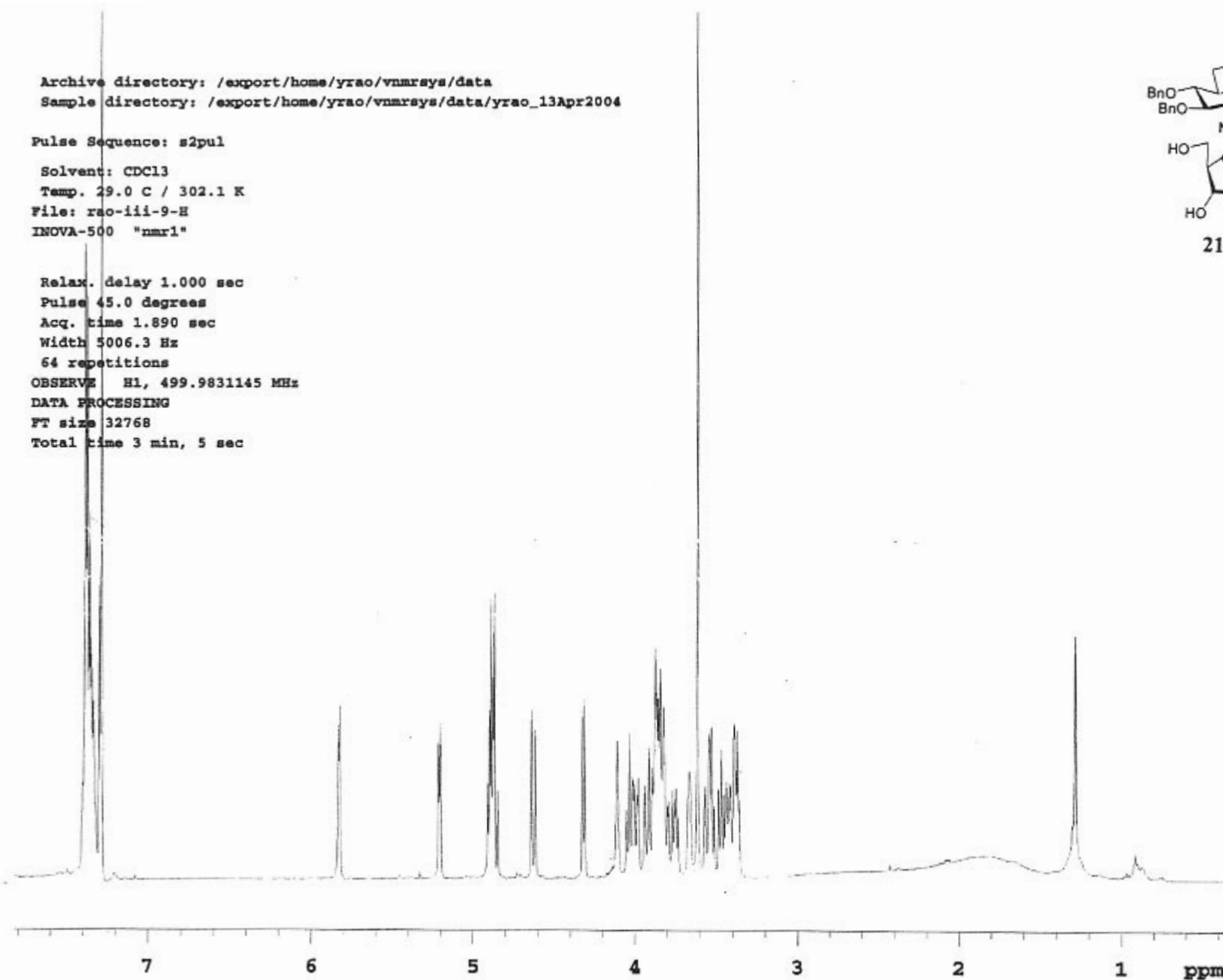
DATA PROCESSING

FT size 32768

Total time 3 min, 5 sec



21



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_12Apr2004

Pulse Sequence: s2pul

Solvent: CDCl3

Temp. 29.0 C / 302.1 K

File: rao-iii-11

INOVA-500 "nmr1"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.890 sec

Width 5006.3 Hz

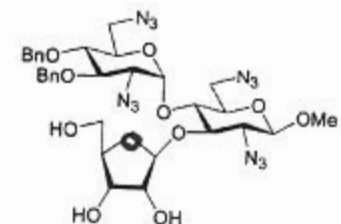
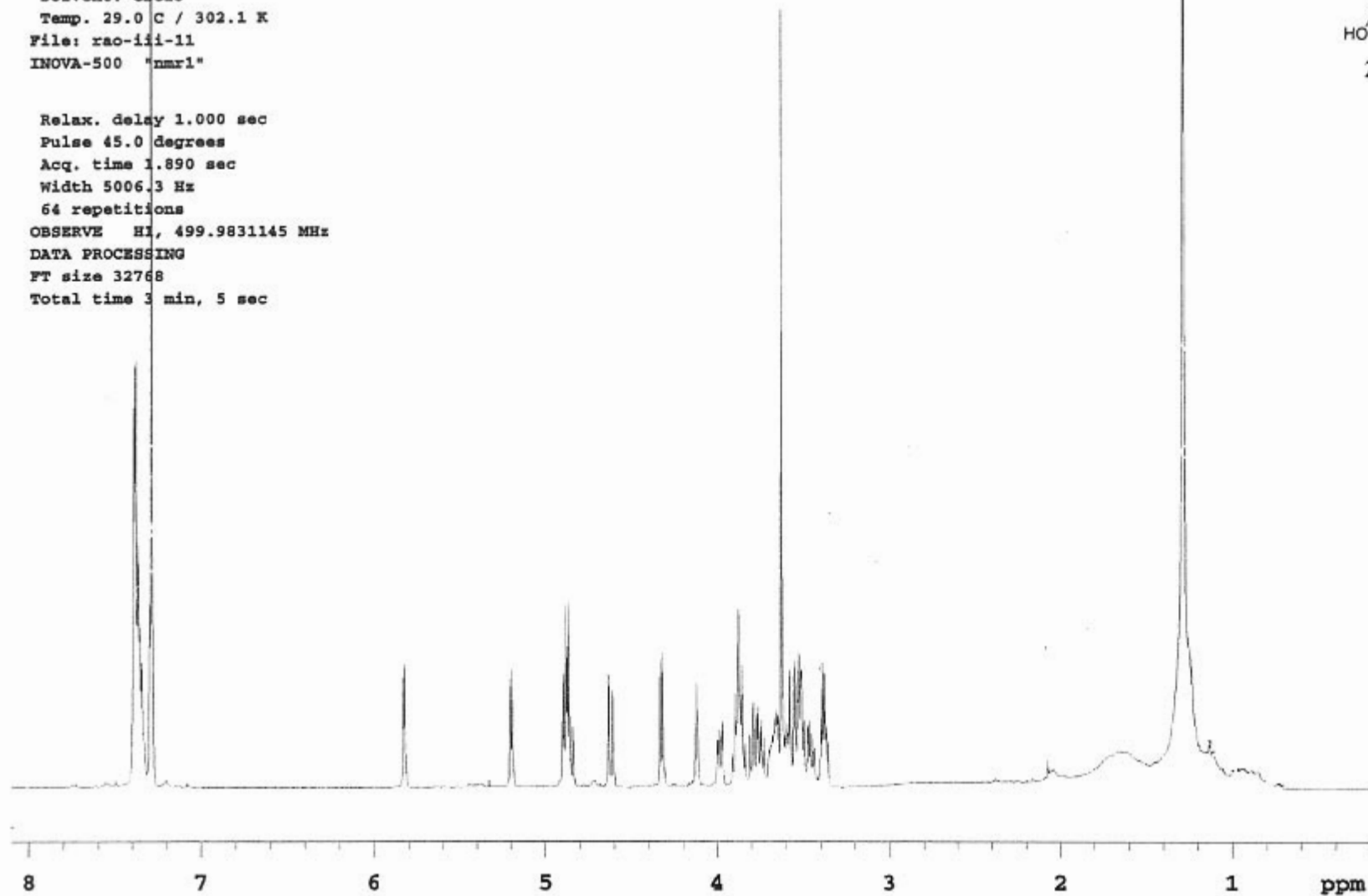
64 repetitions

OBSERVE H1, 499.9831145 MHz

DATA PROCESSING

FT size 32768

Total time 3 min, 5 sec



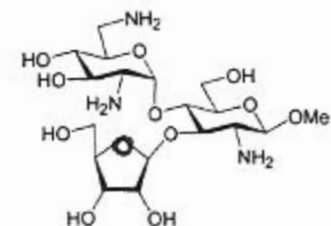
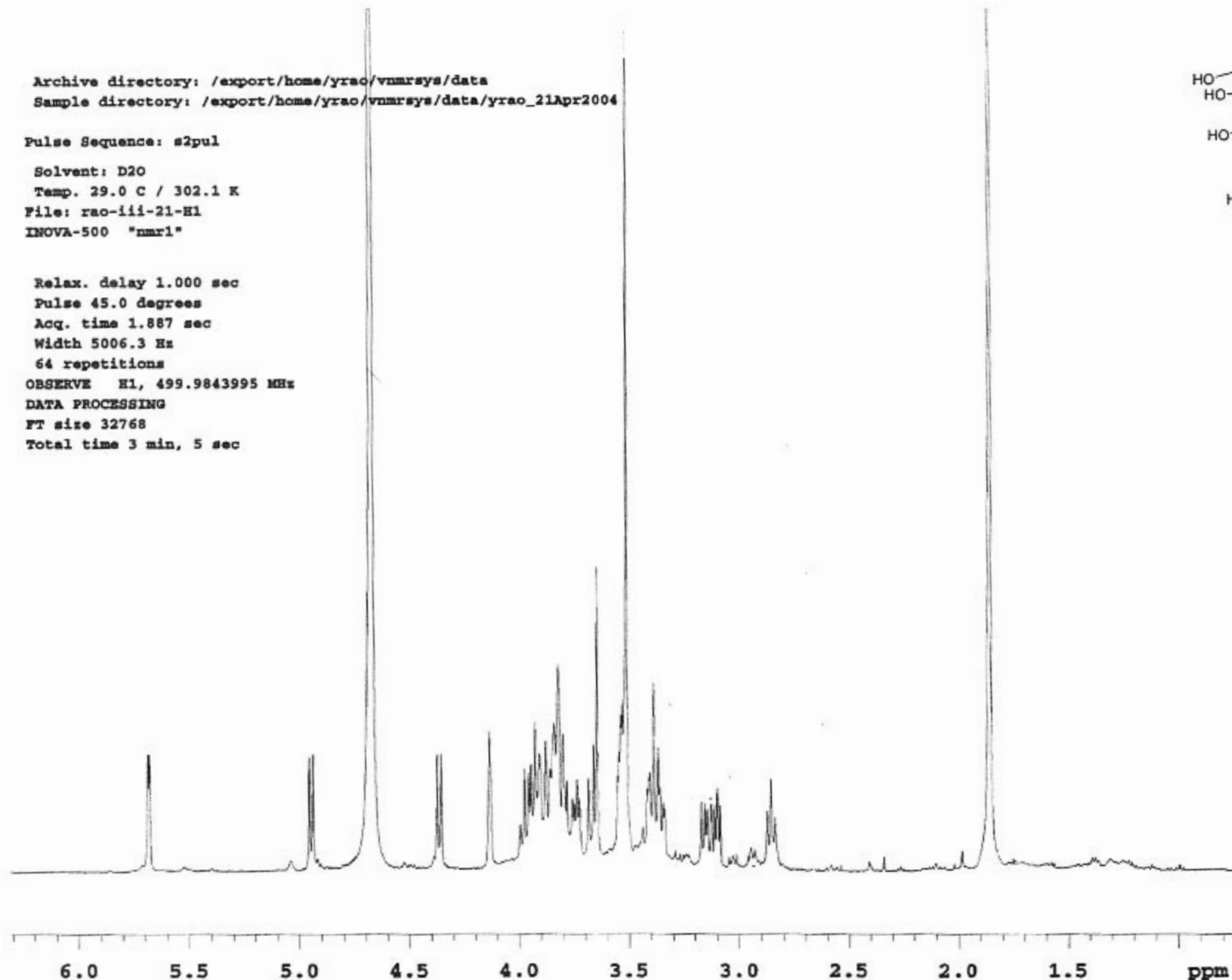
22

Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_21Apr2004

Pulse Sequence: s2pul

Solvent: D2O
Temp. 29.0 C / 302.1 K
File: rao-iii-21-H1
INOVA-500 "nmr1"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.887 sec
Width 5006.3 Hz
64 repetitions
OBSERVE H1, 499.9843995 MHz
DATA PROCESSING
FT size 32768
Total time 3 min, 5 sec



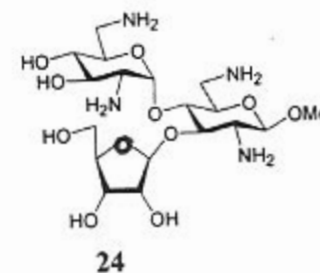
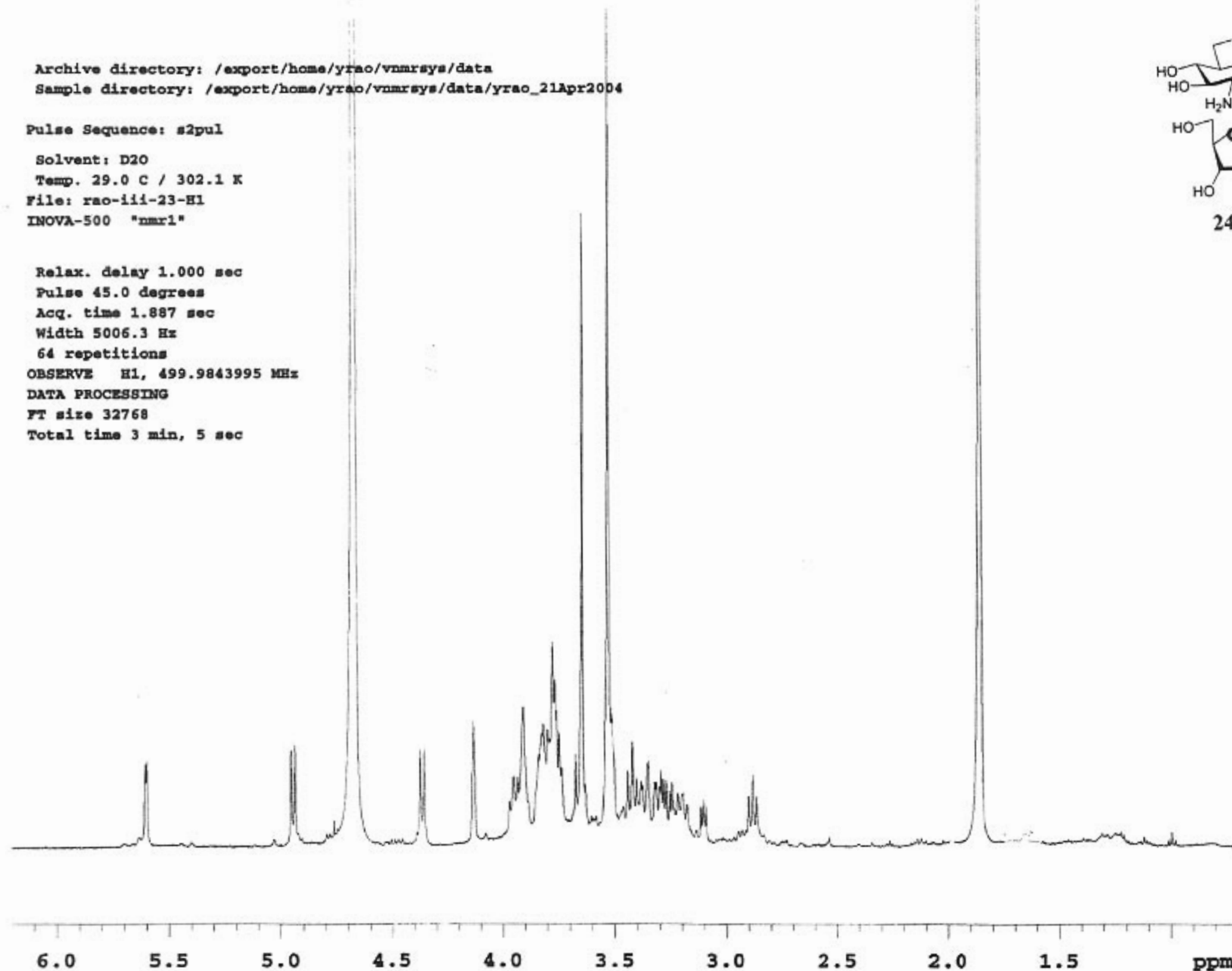
23

Archive directory: /export/home/yrao/vnmrSYS/data
Sample directory: /export/home/yrao/vnmrSYS/data/yrao_21Apr2004

Pulse Sequence: s2pul

Solvent: D2O
Temp. 29.0 C / 302.1 K
File: rao-iii-23-H1
INOVA-500 "nmr1"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.887 sec
Width 5006.3 Hz
64 repetitions
OBSERVE H1, 499.9843995 MHz
DATA PROCESSING
F1 size 32768
Total time 3 min, 5 sec



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_29Jun2004

Pulse Sequence: s2pul

Solvent: CDCl3

Temp. 25.0 C / 298.1 K

File: rao-iii-135-H1

Mercury-300BB "merc300"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.993 sec

Width 5005.0 Hz

16 repetitions

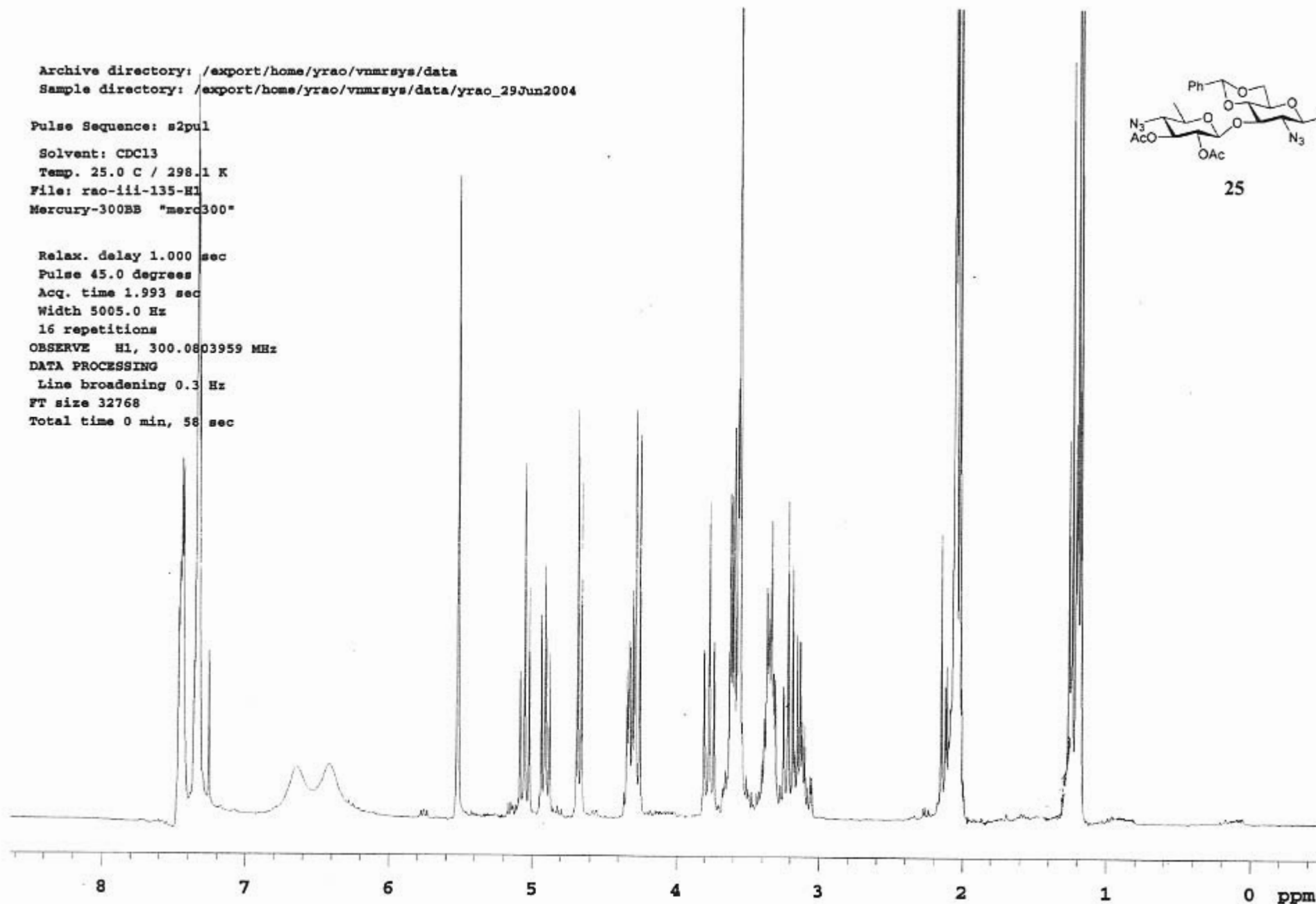
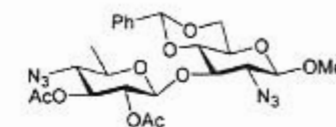
OBSERVE H1, 300.0803959 MHz

DATA PROCESSING

Line broadening 0.3 Hz

FT size 32768

Total time 0 min, 58 sec

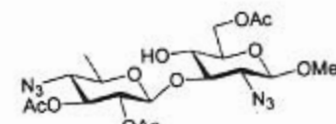


Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_06Jul2004

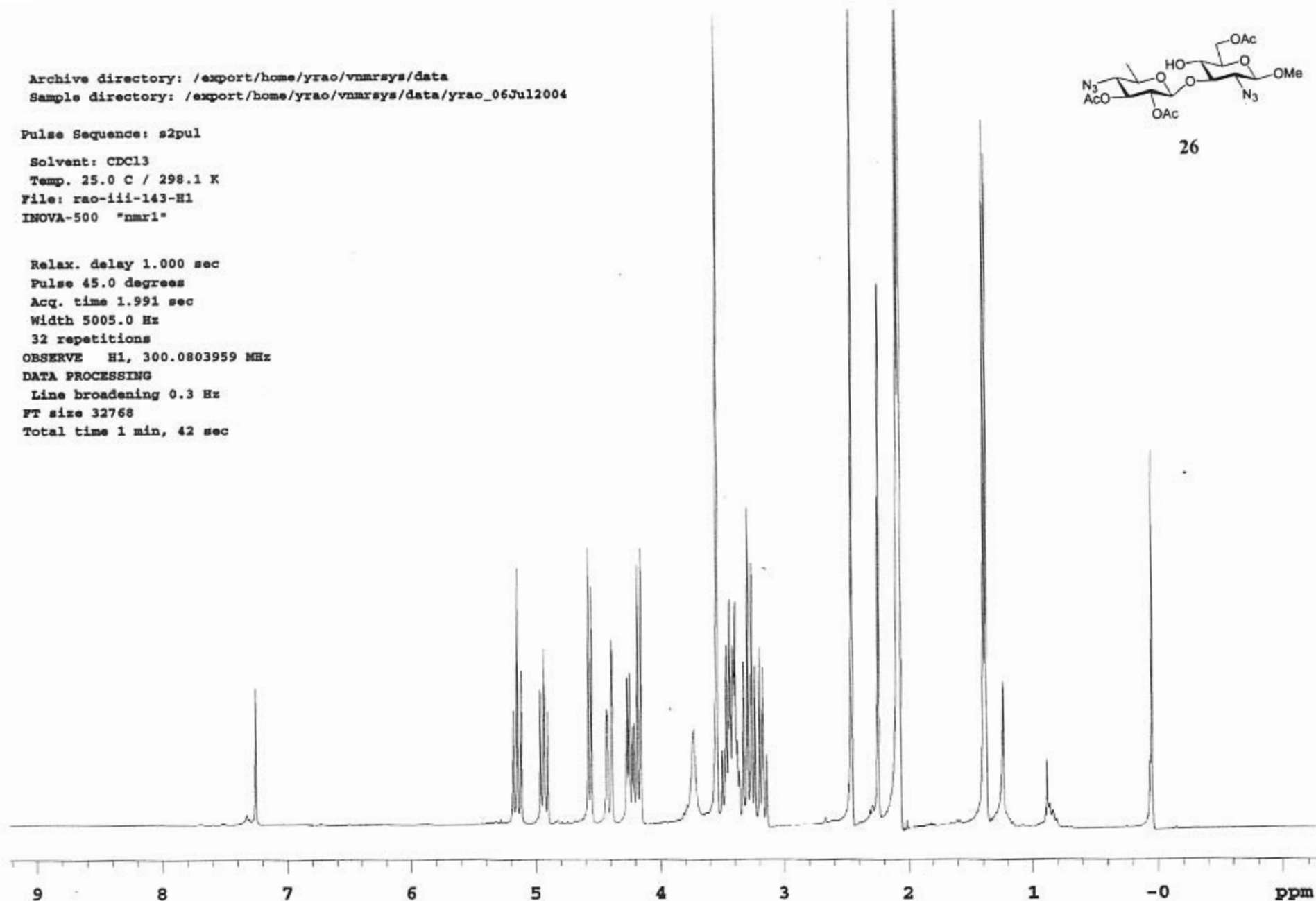
Pulse Sequence: s2pul

Solvent: CDCl₃
Temp. 25.0 C / 298.1 K
File: rao-iii-143-H1
INOVA-500 "nmr1"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.991 sec
Width 5005.0 Hz
32 repetitions
OBSERVE H1, 300.0803959 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 1 min, 42 sec



26



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_03Jun2004

Pulse Sequence: s2pul

Solvent: CDCl3

Temp. 25.0 C / 298.1 K

File: rao-iii-91-H1-product1

Mercury-300BB "merc300"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.993 sec

Width 5005.0 Hz

32 repetitions

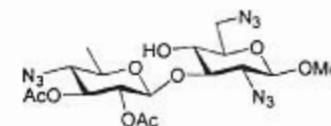
OBSERVE H1, 300.0803959 MHz

DATA PROCESSING

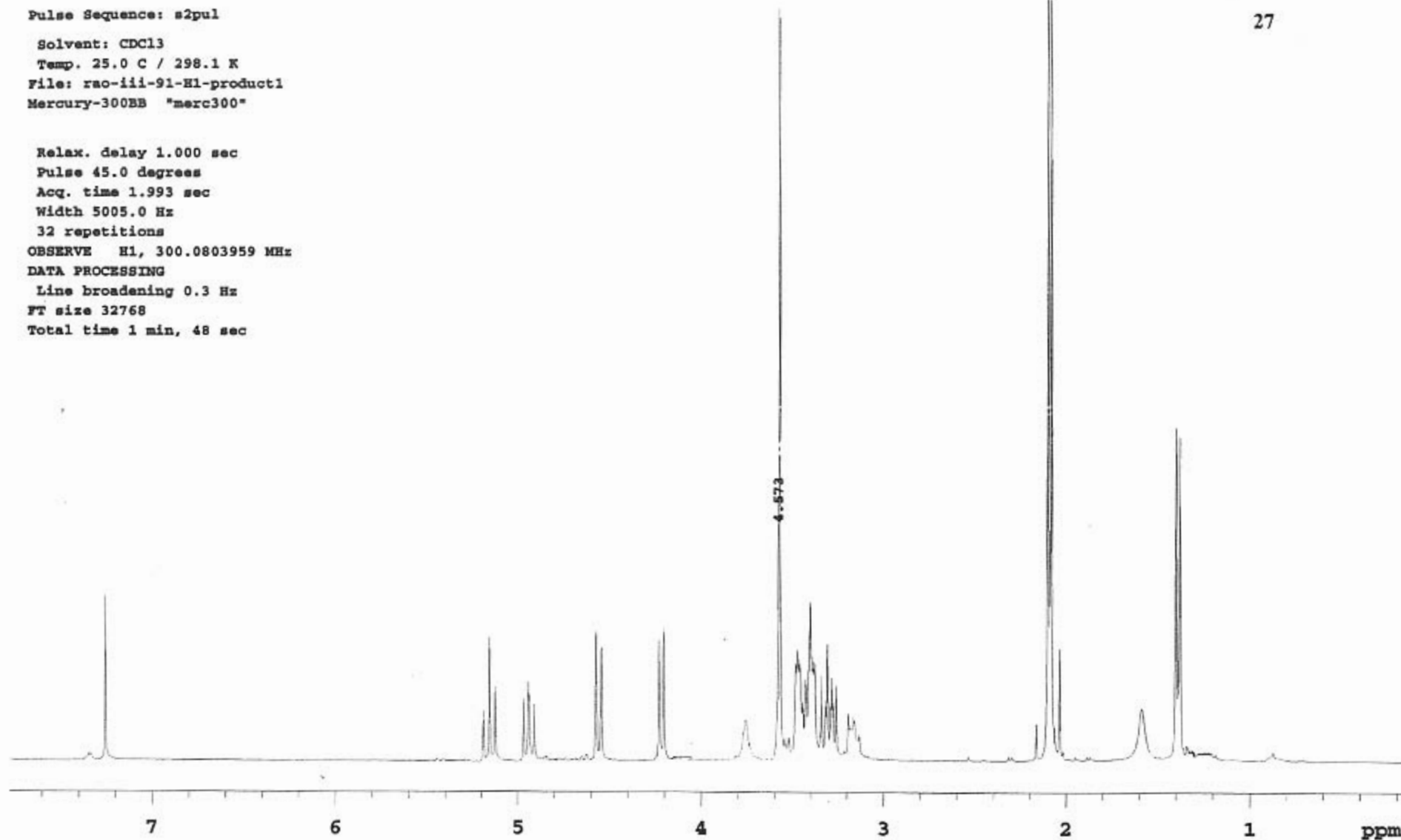
Line broadening 0.3 Hz

FT size 32768

Total time 1 min, 48 sec



27



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_14Jul2004

Pulse Sequence: s2pul

Solvent: CDCl3

Ambient temperature

File: rao-iii-156-H1

INOVA-600 "inova600"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.892 sec

Width 5000.0 Hz

32 repetitions

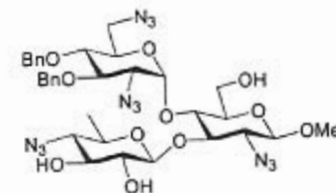
OBSERVE H1, 599.7374078 MHz

DATA PROCESSING

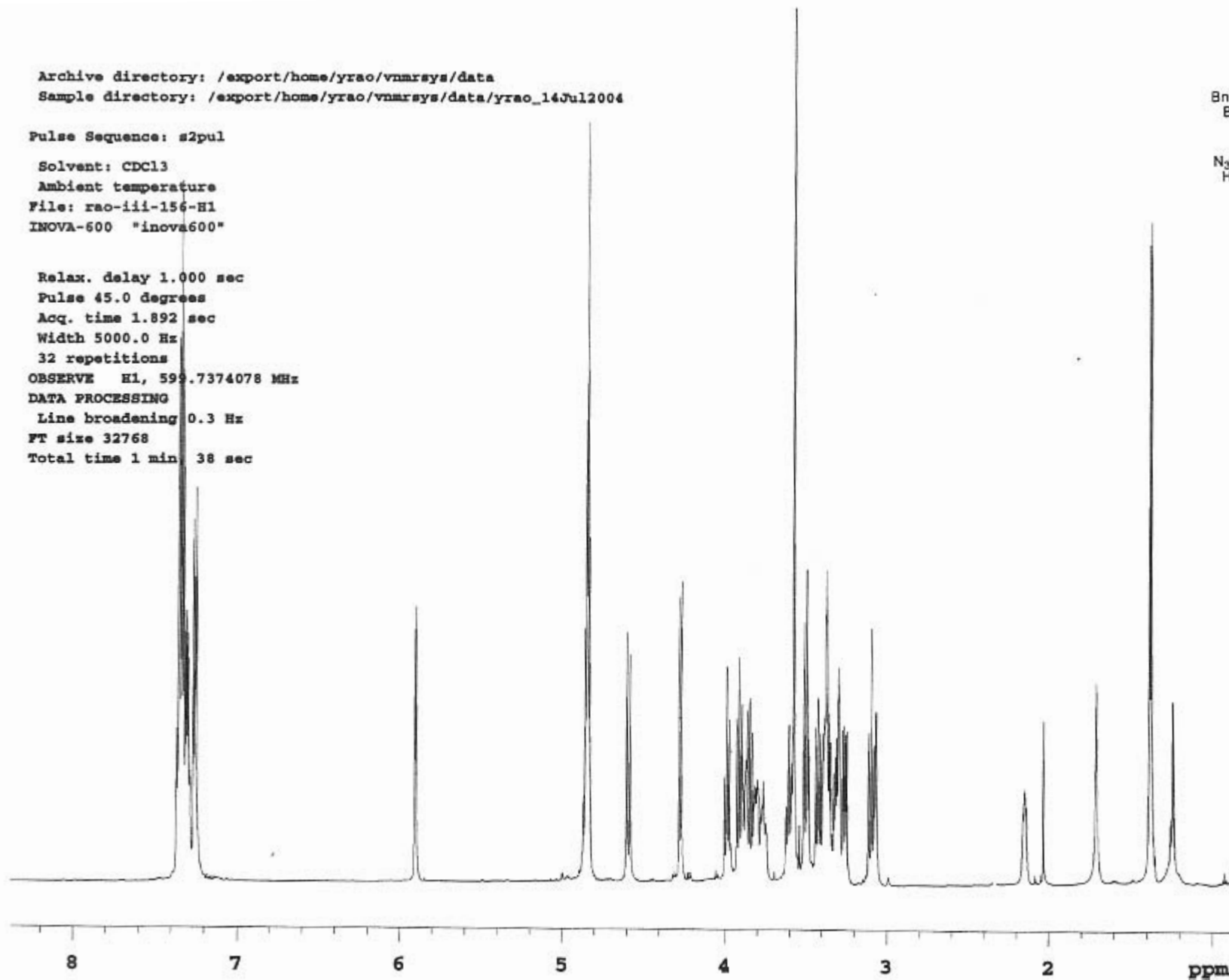
Line broadening 0.3 Hz

FT size 32768

Total time 1 min 38 sec



28



Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_14Jun2004

Pulse Sequence: s2pul

Solvent: CDCl3

Ambient temperature

File: rac-iii-106-H1

INOVA-600 "inova600"

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.890 sec

Width 10005.3 Hz

64 repetitions

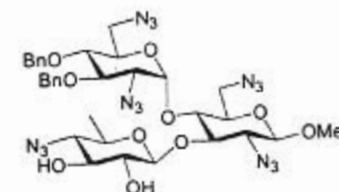
OBSERVE H1, 599.7374078 MHz

DATA PROCESSING

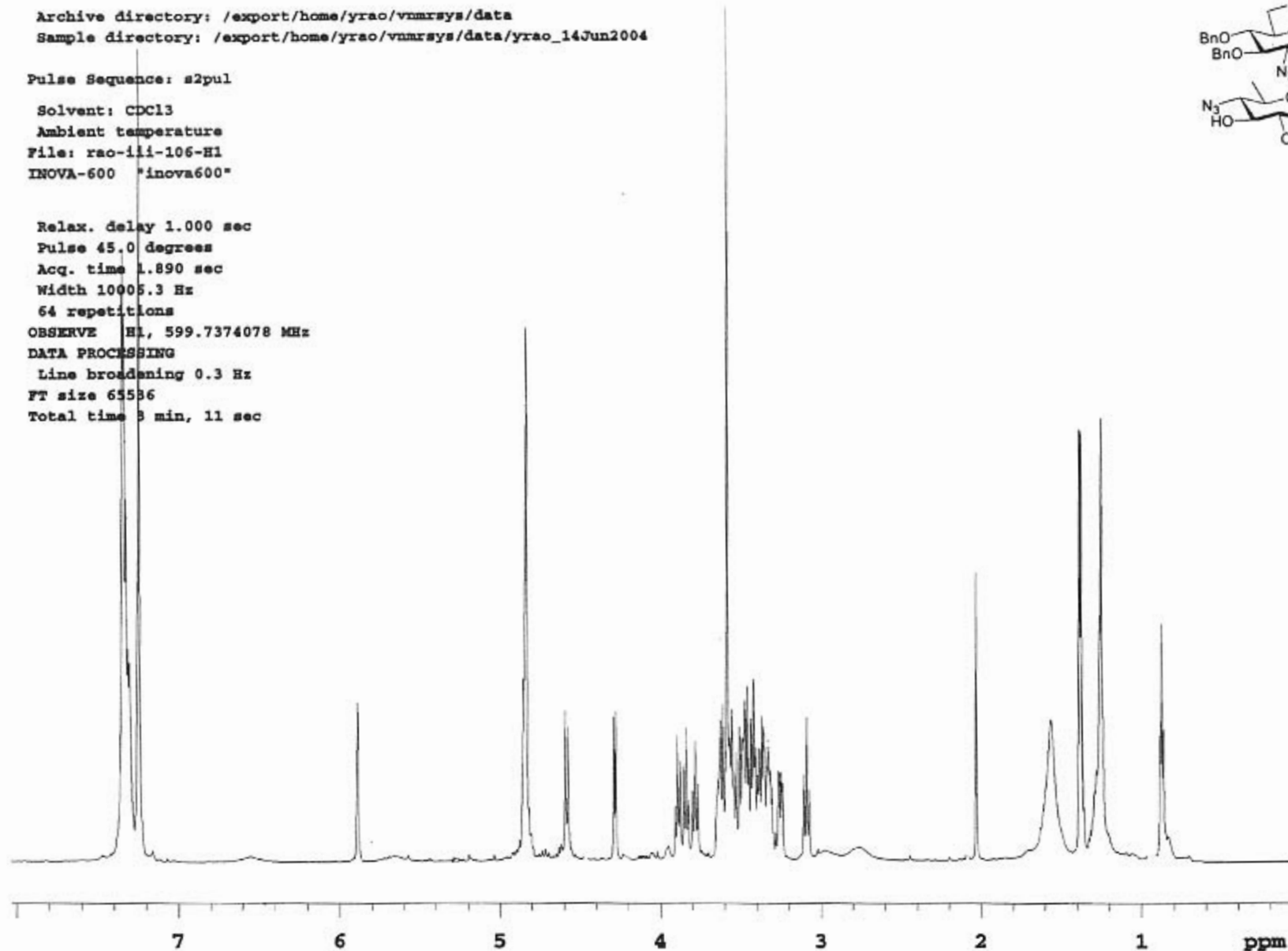
Line broadening 0.3 Hz

FT size 65536

Total time 3 min, 11 sec



29

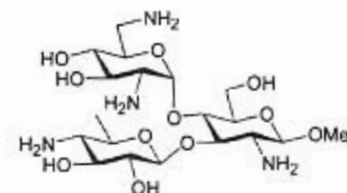


Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_26Aug2004

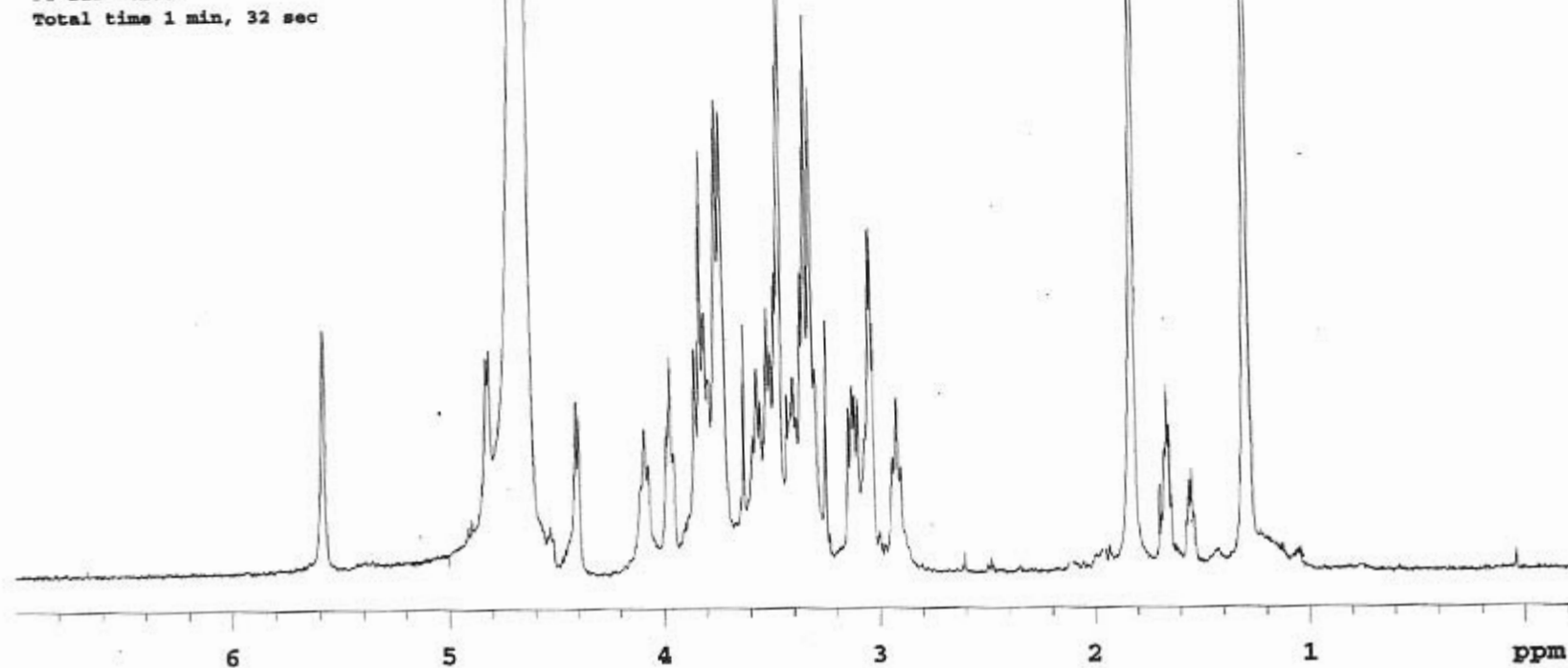
Pulse Sequence: s2pul

Solvent: D2O
Temp. 25.0 C / 298.1 K
File: rao-iv-39-H1
INOVA-500 "inova500"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.892 sec
Width 8000.0 Hz
32 repetitions
OBSERVE H1, 499.9732879 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 1 min, 32 sec



30

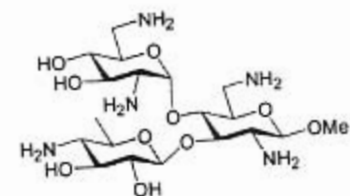


Archive directory: /export/home/yrao/vnmrsys/data
Sample directory: /export/home/yrao/vnmrsys/data/yrao_17Aug2004

Pulse Sequence: s2pul

Solvent: D2O
Ambient temperature
File: Rao-iii-126-H1
INOVA-600 "inova600"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.892 sec
Width 5000.0 Hz
64 repetitions
OBSERVE H1, 599.7389491 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 3 min, 11 sec



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