Bioactive Constituents of the Stem Bark of *Mitrephora glabra*

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Supporting Information

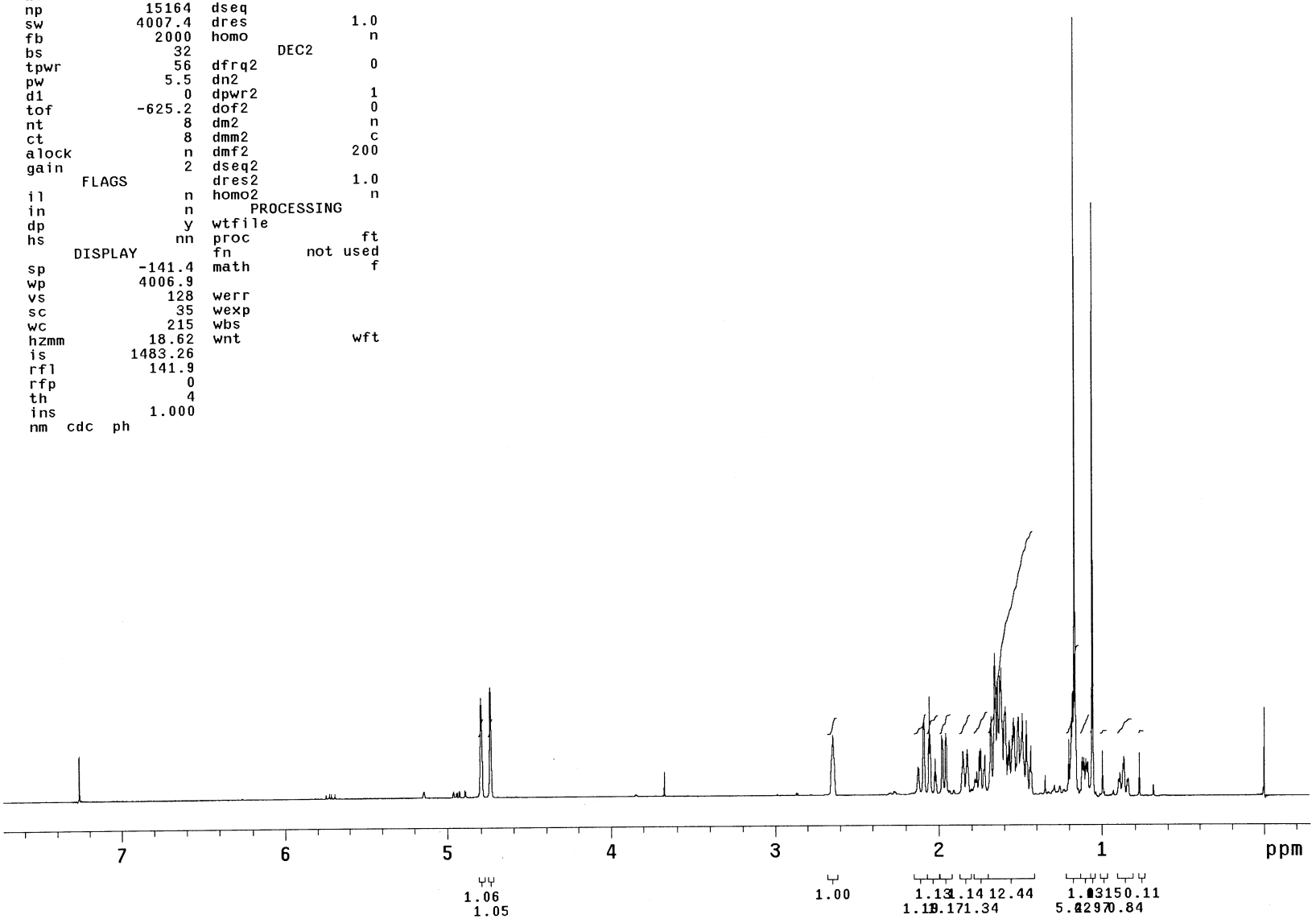
Contents: **Page:**

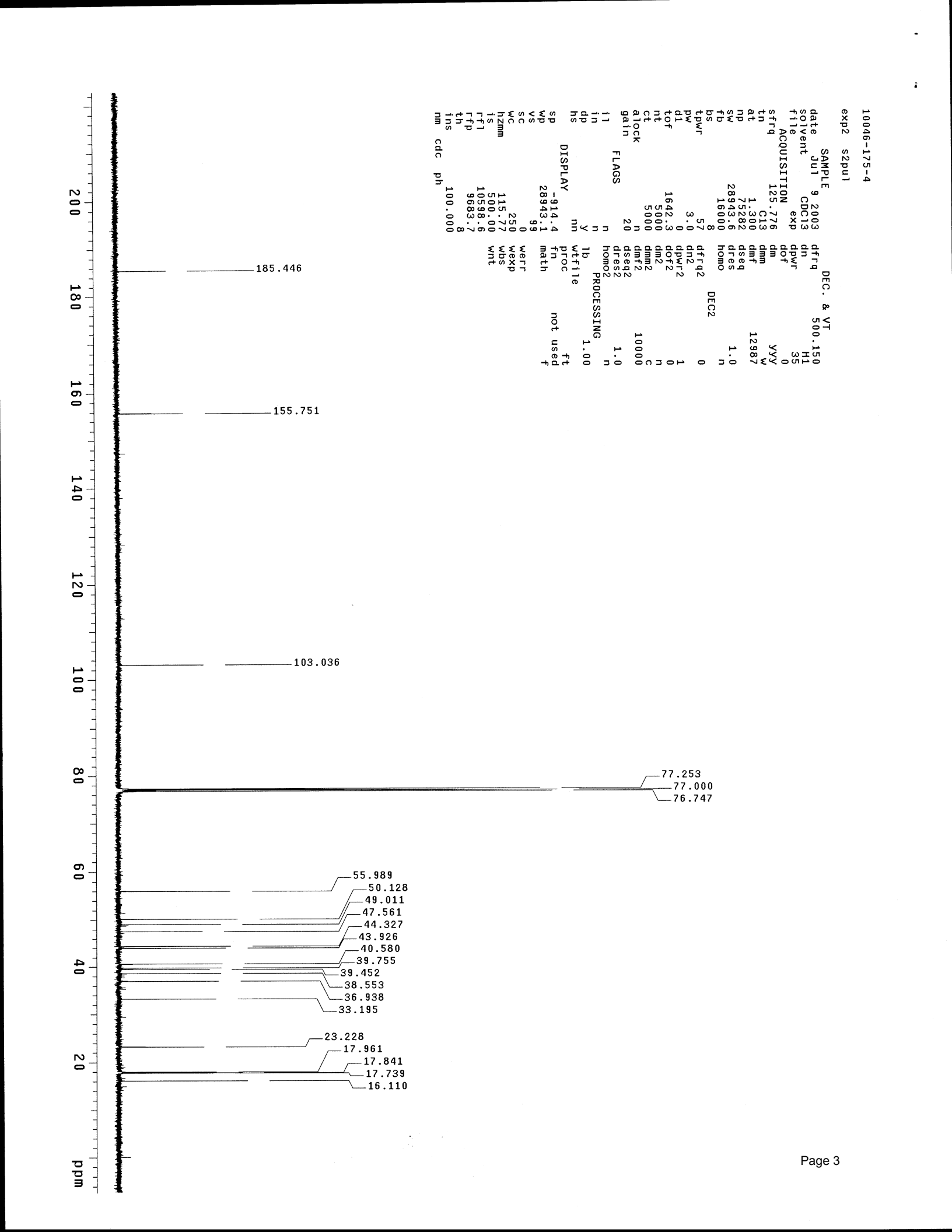
10046-175-4

exp1 s2pul

SAMPLE		DEC. & VT	
date	Jul 9 2003	dfrq	500.150
solvent	CDCl3	dn	H1
file	exp	dpwr	30
ACQUISITION		dof	0
sfrq	500.149	dm	nnn
tn	H1	dmm	c
at	1.892	dmf	200
np	15164	dseq	
sw	4007.4	dres	1.0
fb	2000	homo	n
bs	32	DEC2	
tpwr	56	dfrq2	0
pw	5.5	dn2	
d1	0	dpwr2	1
tof	-625.2	dof2	0
nt	8	dm2	n
ct	8	dmm2	c
alock	n	dmf2	200
gain	2	dseq2	
FLAGS		dres2	1.0
il	n	homo2	n
in	n	PROCESSING	
dp	y	wtfile	
hs	nn	proc	ft
DISPLAY		fn	not used
sp	-141.4	math	f
wp	4006.9		
vs	128	werr	
sc	35	wexp	
wc	215	wbs	
hzmm	18.62	wnt	wft
is	1483.26		
rfl	141.9		
rfp	0		
th	4		
ins	1.000		

nm cdc ph




10046-175-4
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solvent CDCl3
file exp
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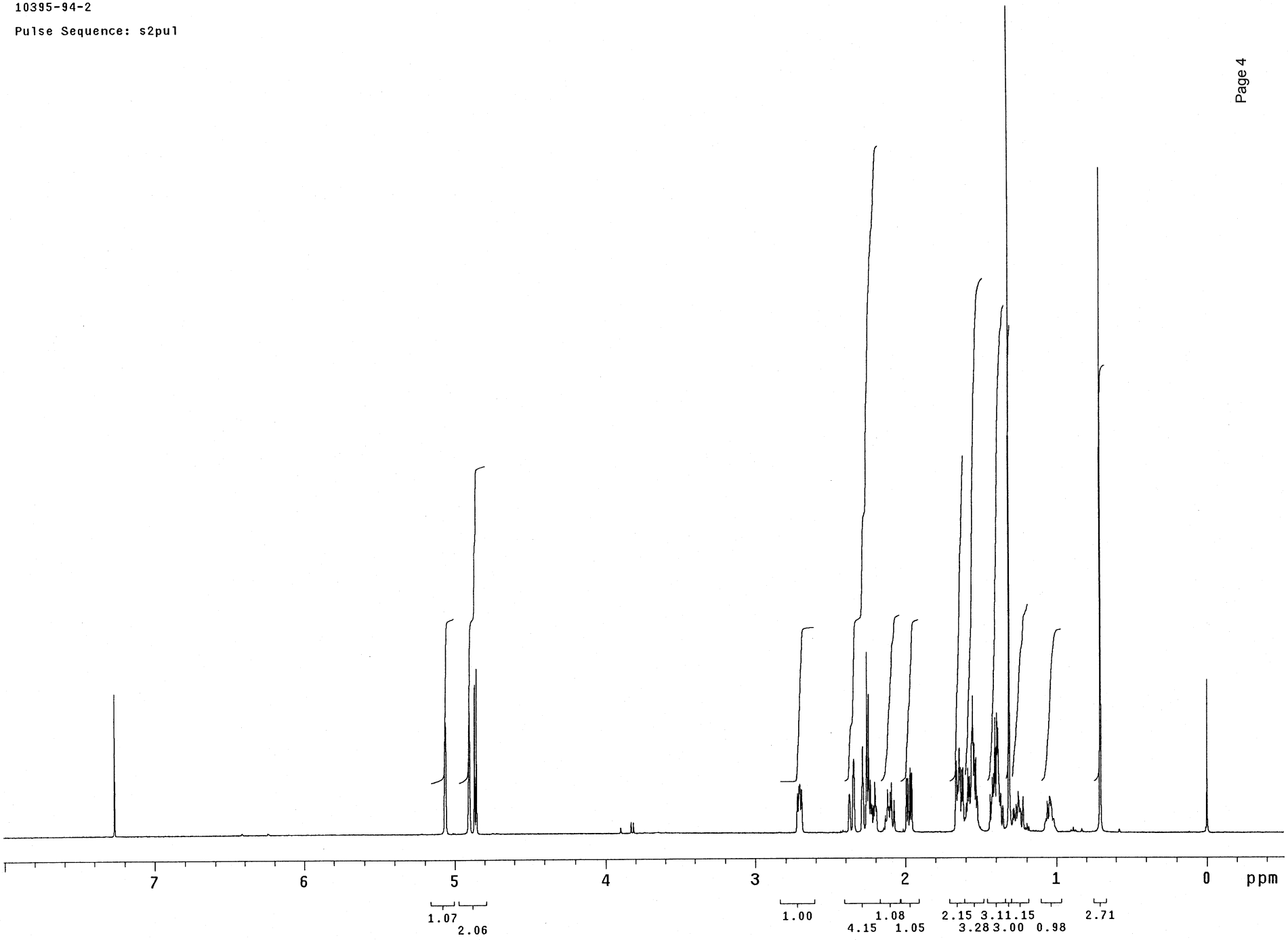
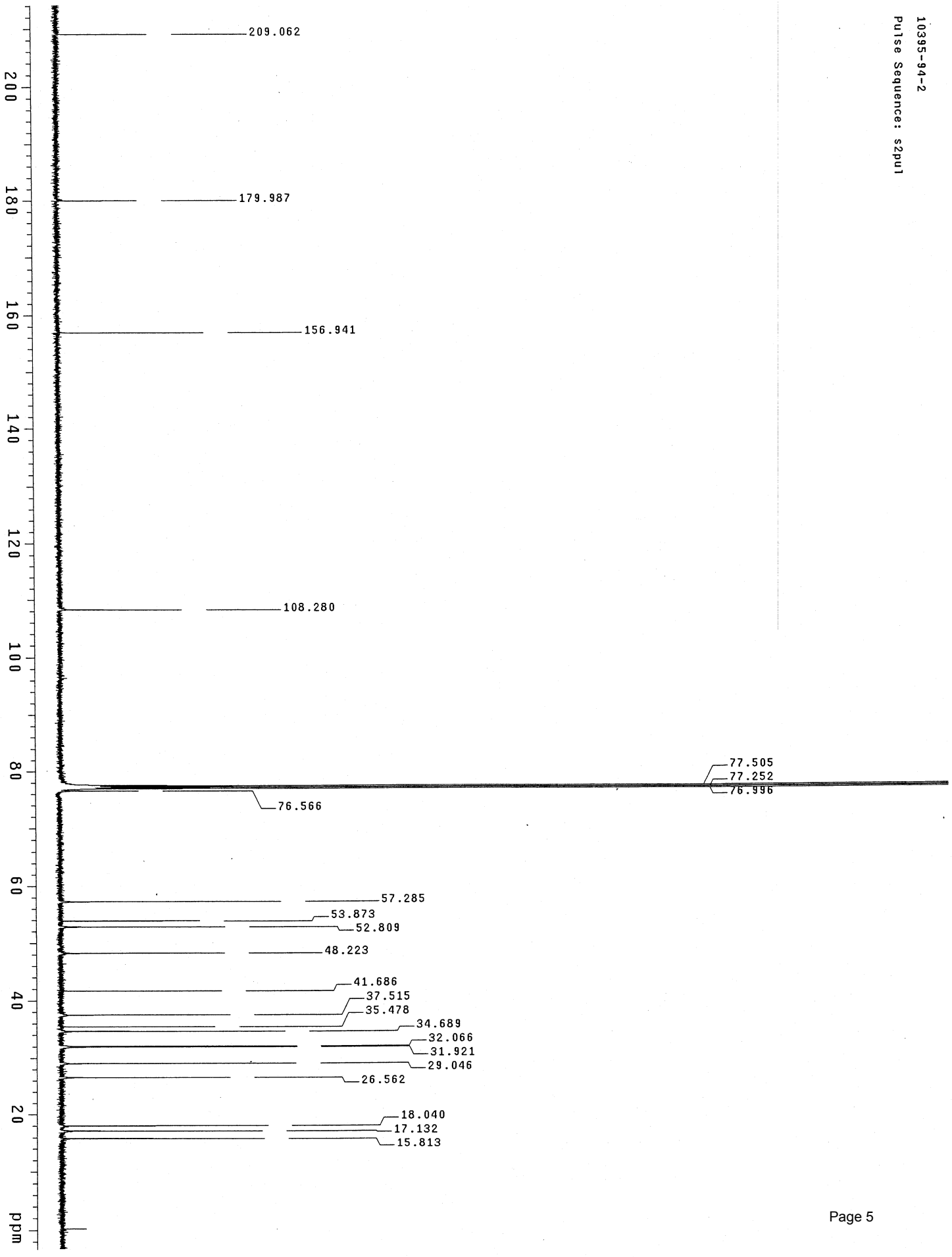
tn C13
at 1.300
np 75282
sw 28943.6
fb 16000
bs 8
tpwr 57
pw 3.0
d1 0
tof 1642.3
nt 5000
ct 5000
alock n
gain 20
FLAGS
il n
in n
dp y
hs nn
DISPLAY
sp -914.4
wp 28943.1
vs 99
sc 0
wc 250
hzmm 115.77
is 500.00
rfl 10598.6
rfp 9683.7
th 8
ins 100.000
nm cdc ph
dfrq DEC. & VT
dn 500.150
dpwr H1
dof 35
dm 0
dmm yyy
dmf w
dseq 12987
dres
homo 1.0
DEC2
dfrq2 n
dn2
dpwr2
dof2 1
dm2 0
dmm2 n
dmf2 c
dseq2 10000
dres2 1.0
homo2 n
PROCESSING
lb 1.00
wtfile
proc ft
fn not used
math f
werr
wexp
wbs
wnt
185.446
155.751
103.036
77.253
77.000
76.747
55.989
50.128
49.011
47.561
44.327
43.926
40.580
39.755
39.452
38.553
36.938
33.195
23.228
17.961
17.841
17.739
16.110
200
180
160
140
120
100
80
60
40
20
ppm

10395-94-2

Pulse Sequence: s2pul

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Pulse Sequence: s2pul
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76.566
57.285
53.873
52.809
48.223
41.686
37.515
35.478
34.689
32.066
31.921
29.046
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15.813
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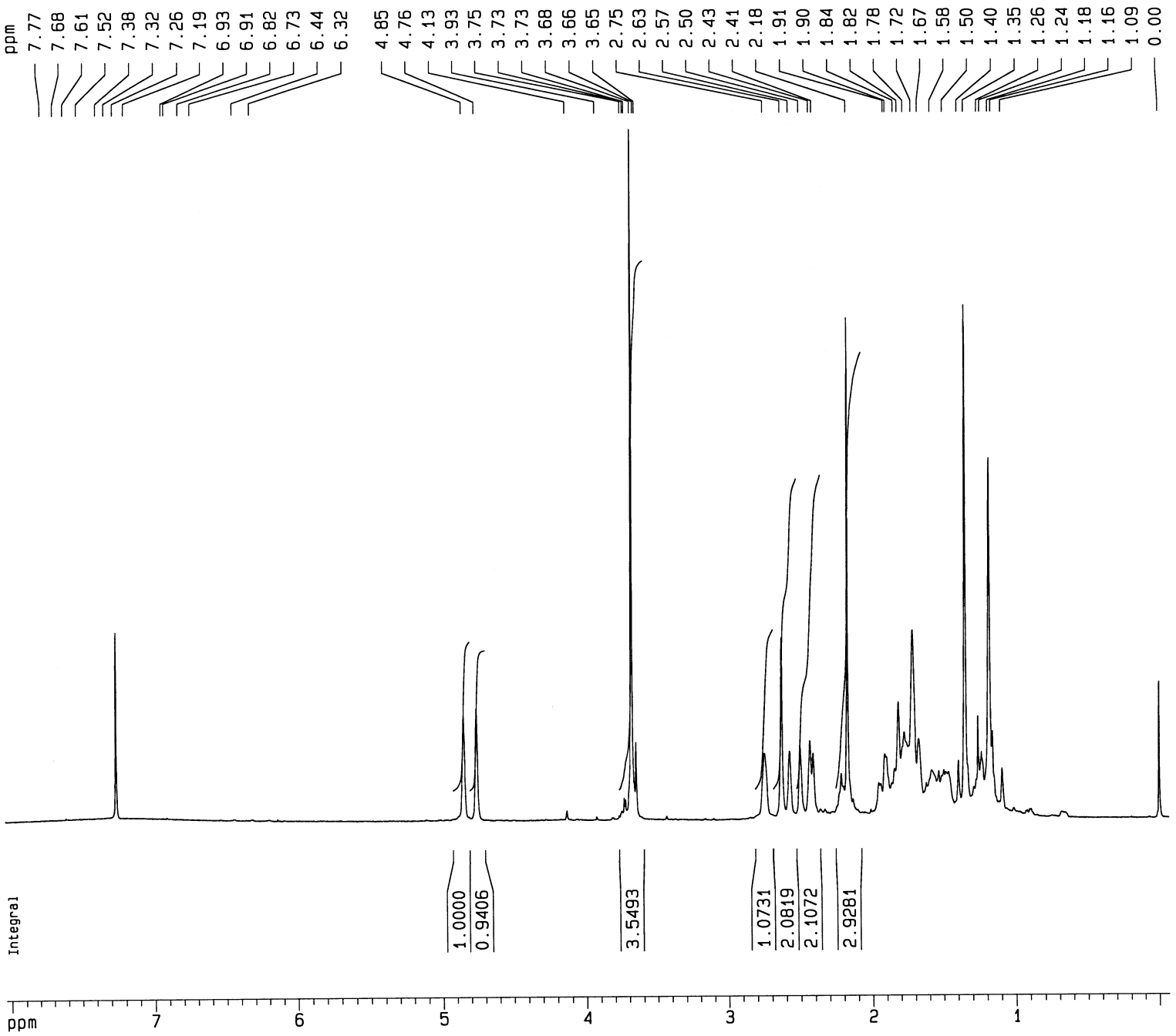
160
140
120
100
80
60
40
20
ppm

10395-111-1



Current Data Parameters

NAME	10395-111-1
EXPNO	80
PROCNO	1

F2 - Acquisition Parameters

Date_	20040318
Time	18.39
INSTRUM	spect
PROBHD	5 mm QNP 1H/
PULPROG	zg
TD	32768
SOLVENT	CDCl3
NS	16
DS	2
SWH	6172.839 Hz
FIDRES	0.188380 Hz
AQ	2.6542580 sec
RG	256
DW	81.000 usec
DE	6.00 usec
TE	300.0 K
D1	1.00000000 sec
P1	12.00 usec
SFO1	300.1318534 MHz
NUC1	1H
PL1	0.00 dB

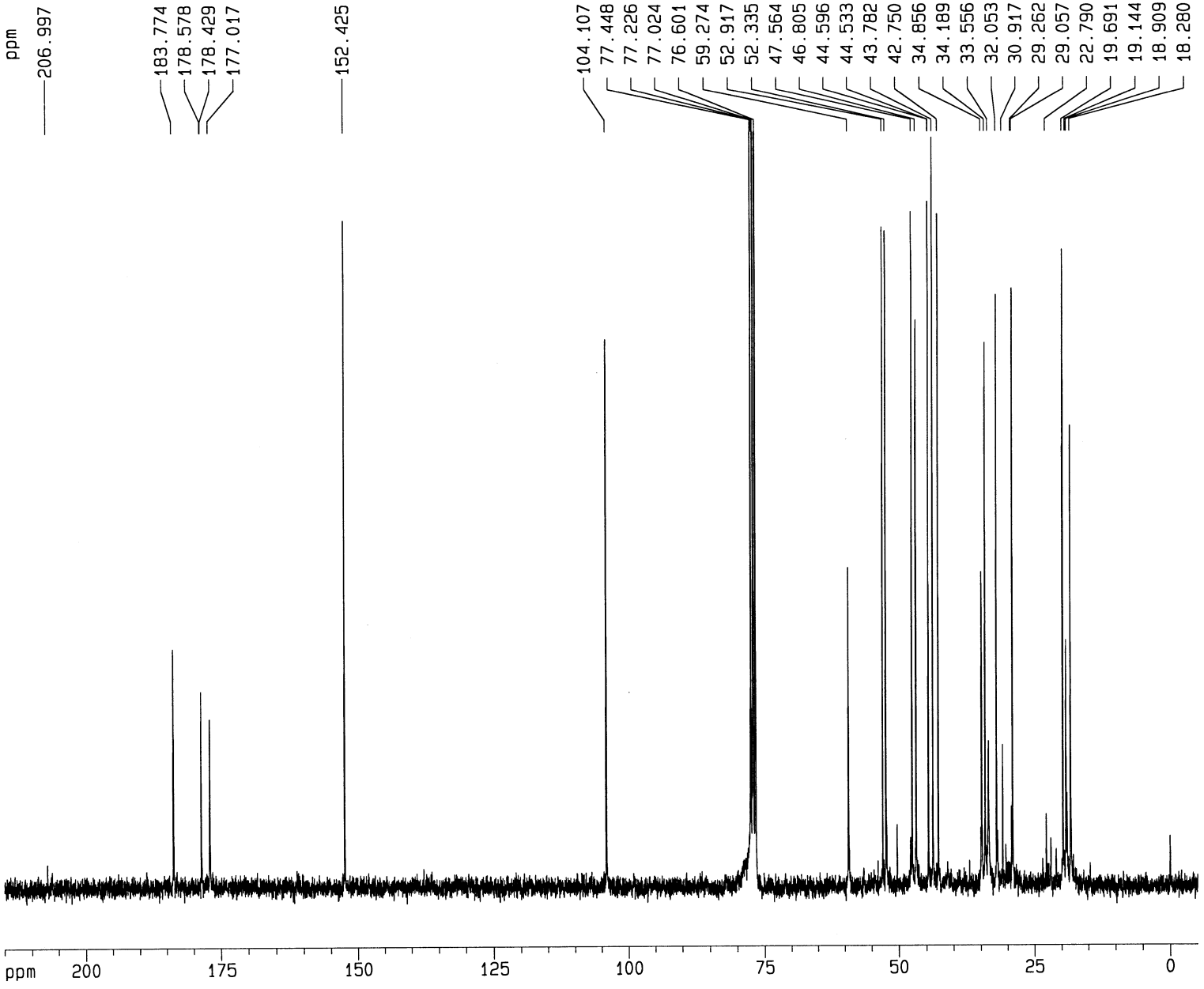
F2 - Processing parameters

SI	16384
SF	300.1300107 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

1D NMR plot parameters

CX	20.00 cm
F1P	8.042 ppm
F1	2413.55 Hz
F2P	-0.068 ppm
F2	-20.46 Hz
PPMCM	0.40549 ppm/cm
HZCM	121.70029 Hz/cm

10395-111-1 carbon



Current Data Parameters

NAME	10395-111-1
EXPNO	90
PROCNO	1

F2 - Acquisition Parameters

Date_	20040321
Time	18.29
INSTRUM	spect
PROBHD	5 mm QNP 1H/
PULPROG	zgdc
TD	65536
SOLVENT	CDCl3
NS	15428
DS	2
SWH	23809.523 Hz
FIDRES	0.363304 Hz
AQ	1.3763061 sec
RG	5160.6
DW	21.000 usec
DE	6.00 usec
TE	300.0 K
d11	0.03000000 sec
PL12	16.00 dB
CPDPRG2	waltz16
PCPD2	80.00 usec
SFO2	300.1312005 MHz
NUC2	1H
PL2	-6.00 dB
D1	2.00000000 sec
P1	5.50 usec
SFO1	75.4772501 MHz
NUC1	13C
PL1	-6.00 dB

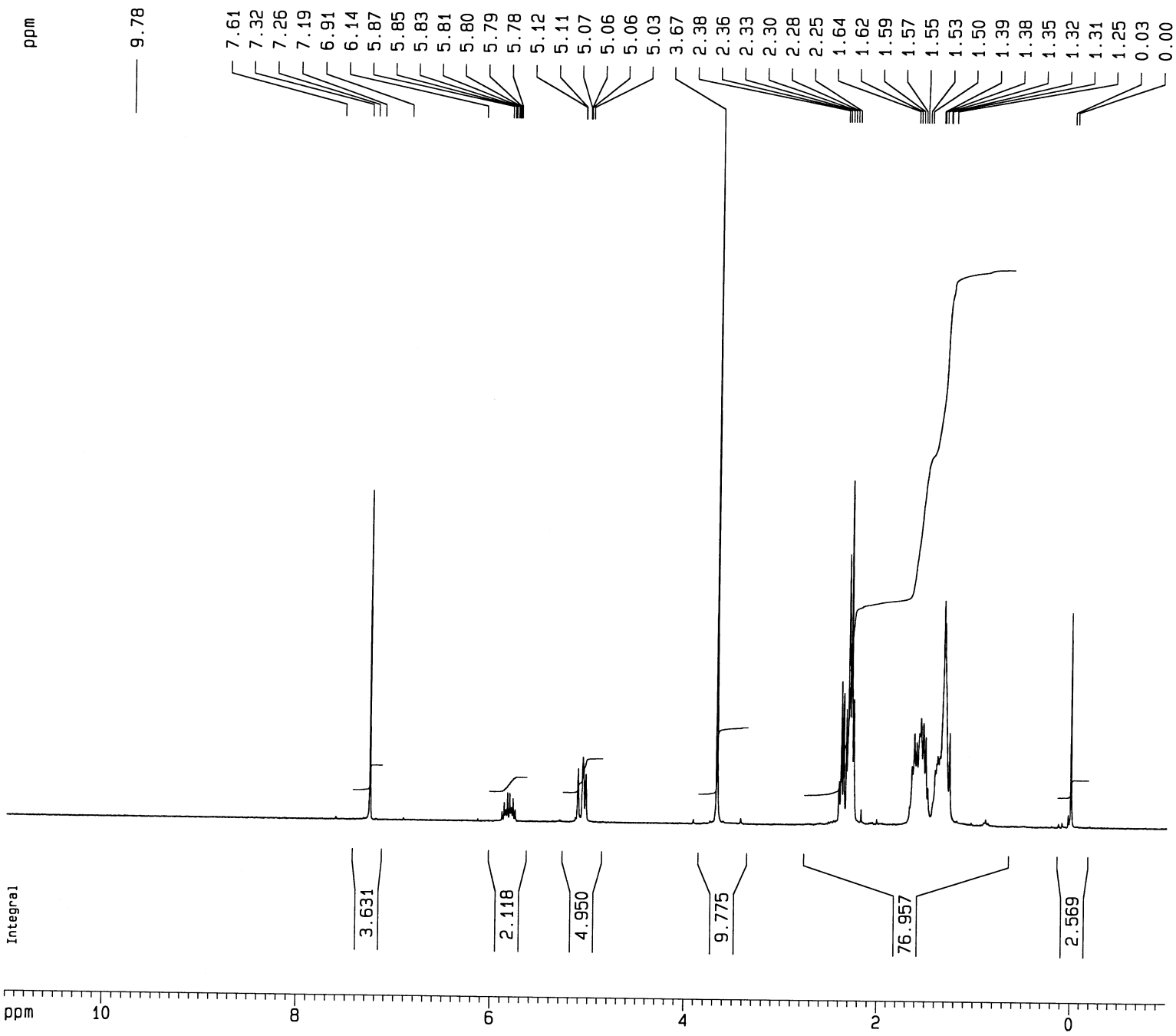
F2 - Processing parameters

SI	32768
SF	75.4677473 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

1D NMR plot parameters

CX	20.00 cm
F1P	215.000 ppm
F1	16225.57 Hz
F2P	-5.000 ppm
F2	-377.34 Hz
PPMCM	11.00000 ppm/cm
HZCM	830.14526 Hz/cm

10395-115-1



Current Data Parameters

NAME	10395-115-1
EXPNO	150
PROCNO	1

F2 - Acquisition Parameters

Date_	20040323
Time	18.42
INSTRUM	spect
PROBHD	5 mm QNP 1H/
PULPROG	zg
TD	32768
SOLVENT	CDCl3
NS	16
DS	2
SWH	6172.839 Hz
FIDRES	0.188380 Hz
AQ	2.6542580 sec
RG	645.1
DW	81.000 usec
DE	6.00 usec
TE	300.0 K
D1	1.00000000 sec
P1	12.00 usec
SFO1	300.1318534 MHz
NUC1	1H
PL1	0.00 dB

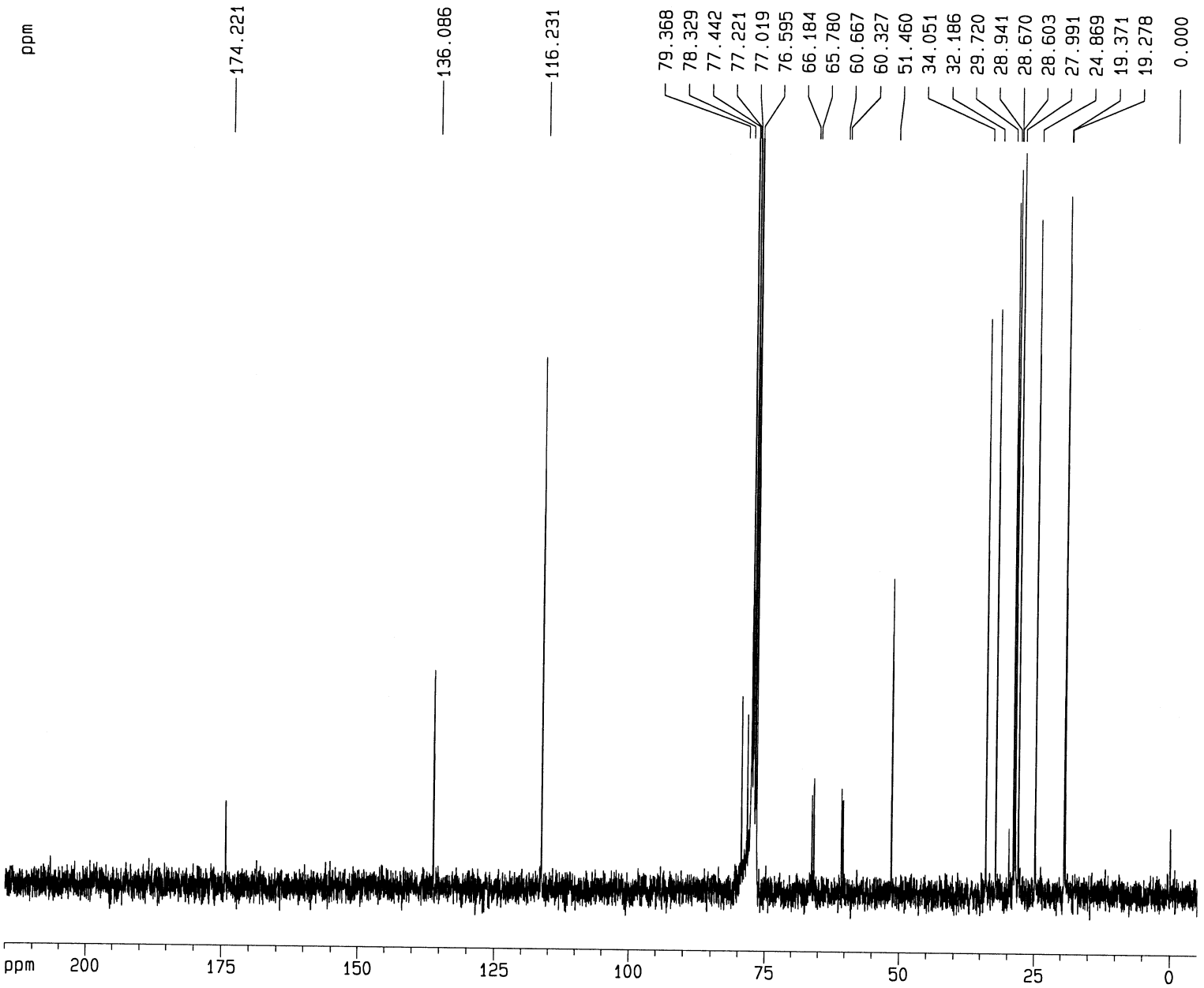
F2 - Processing parameters

SI	16384
SF	300.1300119 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

1D NMR plot parameters

CX	20.00 cm
F1P	11.000 ppm
F1	3301.43 Hz
F2P	-1.000 ppm
F2	-300.13 Hz
PPMCM	0.60000 ppm/cm
HZCM	180.07800 Hz/cm

10395-115-1 carbon



Current Data Parameters

NAME	10395-115-1
EXPNO	151
PROCNO	1

F2 - Acquisition Parameters

Date_	20040323
Time	18.56
INSTRUM	spect
PROBHD	5 mm QNP 1H/
PULPROG	zgdc
TD	65536
SOLVENT	CDCl3
NS	12952
DS	2
SWH	23809.523 Hz
FIDRES	0.363304 Hz
AQ	1.3763061 sec
RG	8192
DW	21.000 usec
DE	6.00 usec
TE	300.0 K
d11	0.03000000 sec
PL12	16.00 dB
CPDPRG2	waltz16
PCPD2	80.00 usec
SFO2	300.1312005 MHz
NUC2	1H
PL2	-6.00 dB
D1	2.00000000 sec
P1	5.50 usec
SFO1	75.4772501 MHz
NUC1	13C
PL1	-6.00 dB

F2 - Processing parameters

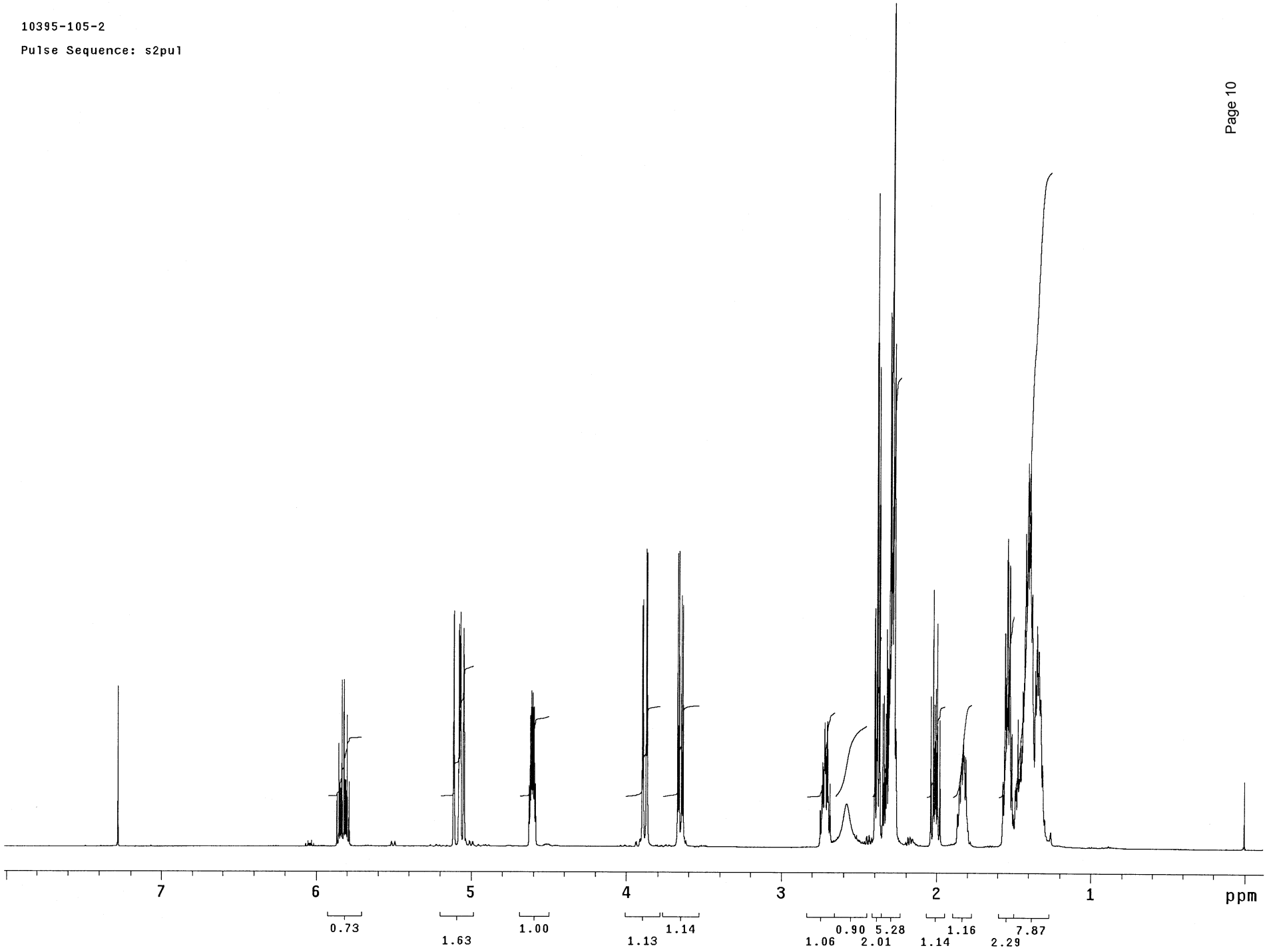
SI	32768
SF	75.4677473 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

1D NMR plot parameters

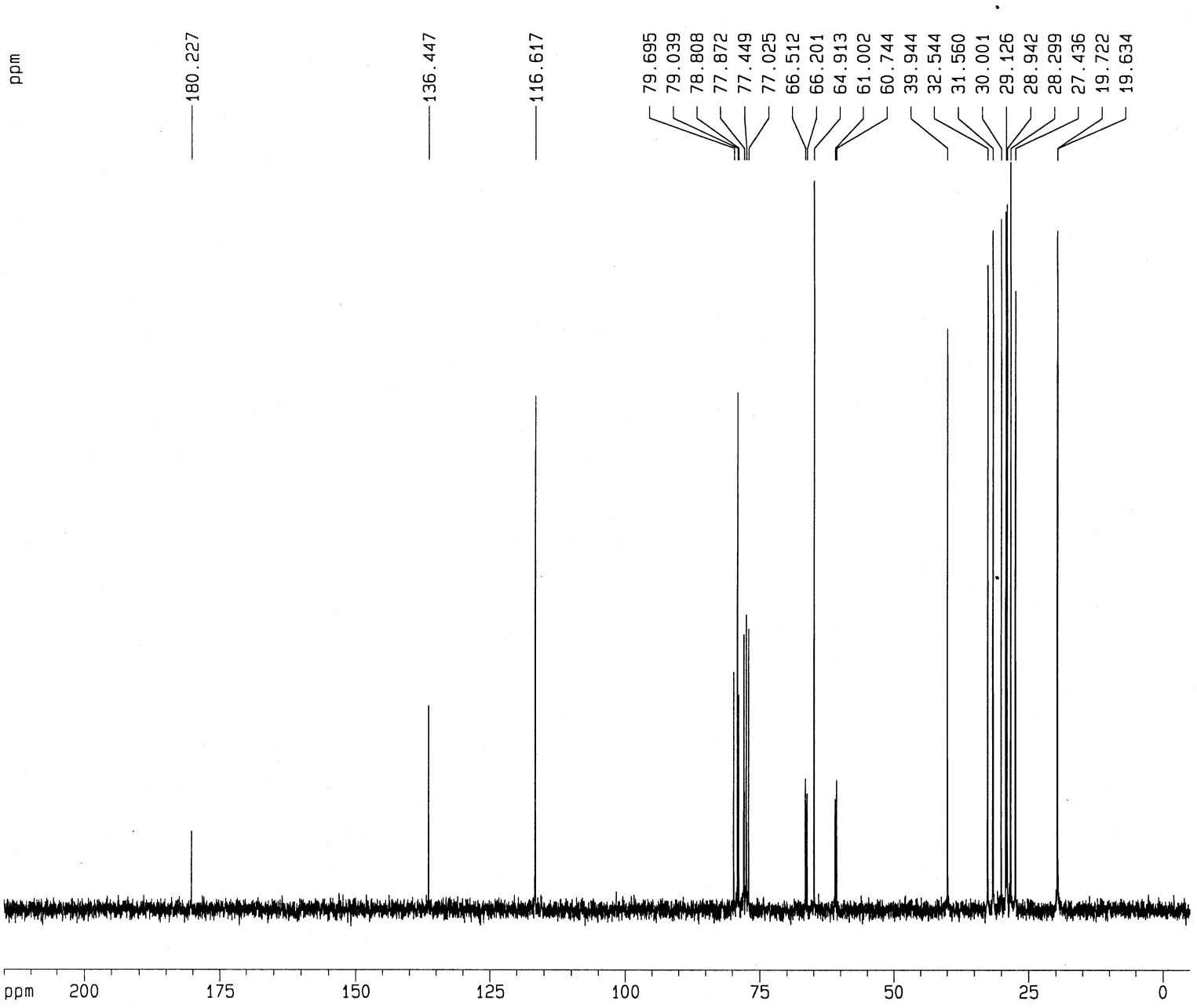
CX	20.00 cm
F1P	215.000 ppm
F1	16225.57 Hz
F2P	-5.000 ppm
F2	-377.34 Hz
PPMCM	11.00000 ppm/cm
HZCM	830.14526 Hz/cm

10395-105-2

Pulse Sequence: s2pul



10395-105-2 carbon



Current Data Parameters

NAME	10395-105-2
EXPNO	61
PROCNO	1

F2 - Acquisition Parameters

Date_	20040218
Time	12.16
INSTRUM	spect
PROBHD	5 mm QNP 1H/
PULPROG	zgdc
TD	65536
SOLVENT	CDCl3
NS	288
DS	2
SWH	23809.523 Hz
FIDRES	0.363304 Hz
AQ	1.3763061 sec
RG	4096
DW	21.000 usec
DE	6.00 usec
TE	300.0 K
d11	0.03000000 sec
PL12	16.00 dB
CPDPRG2	waltz16
PCPD2	80.00 usec
SFO2	300.1312005 MHz
NUC2	1H
PL2	-6.00 dB
D1	2.00000000 sec
P1	5.50 usec
SFO1	75.4772501 MHz
NUC1	13C
PL1	-6.00 dB

F2 - Processing parameters

SI	32768
SF	75.4677190 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

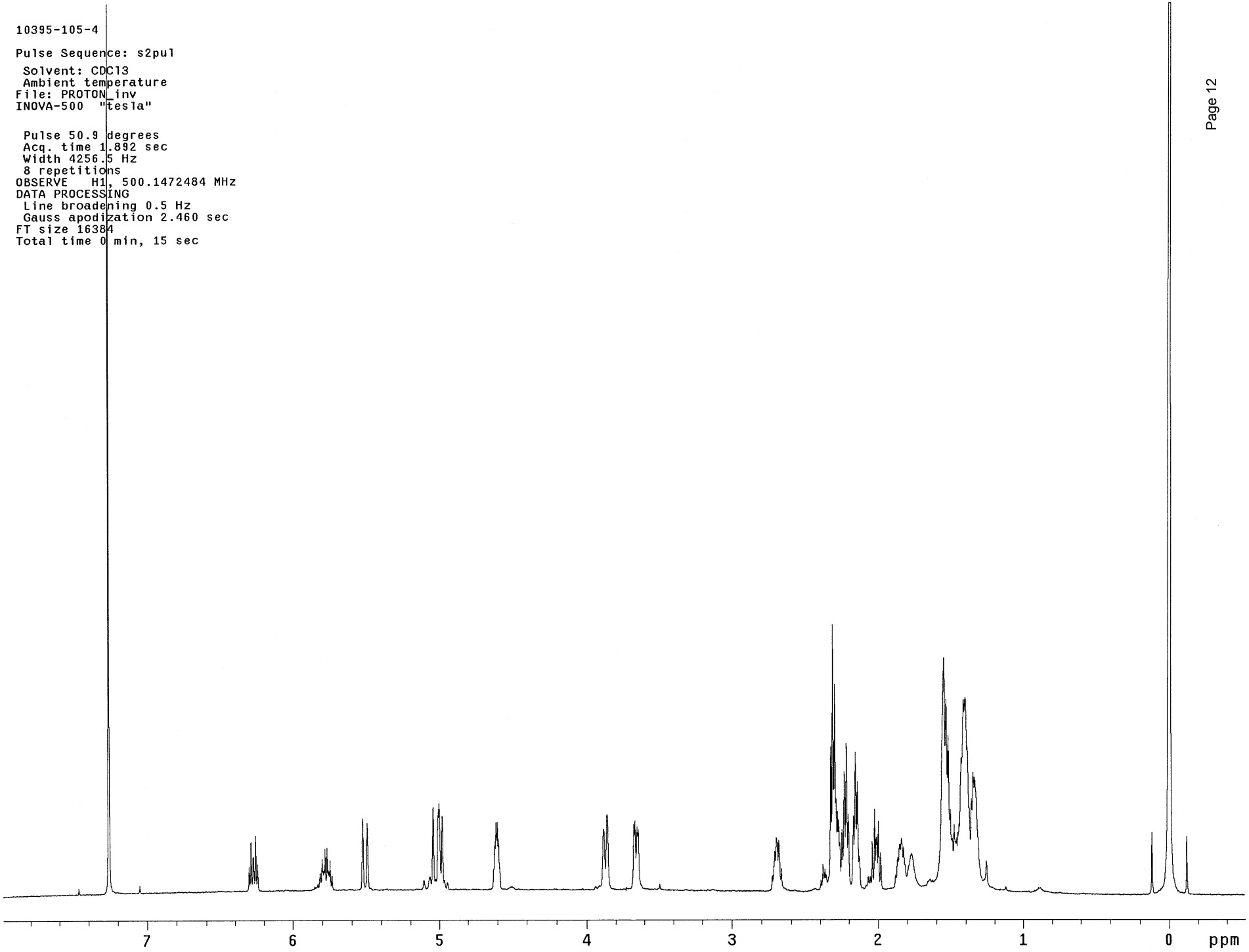
1D NMR plot parameters

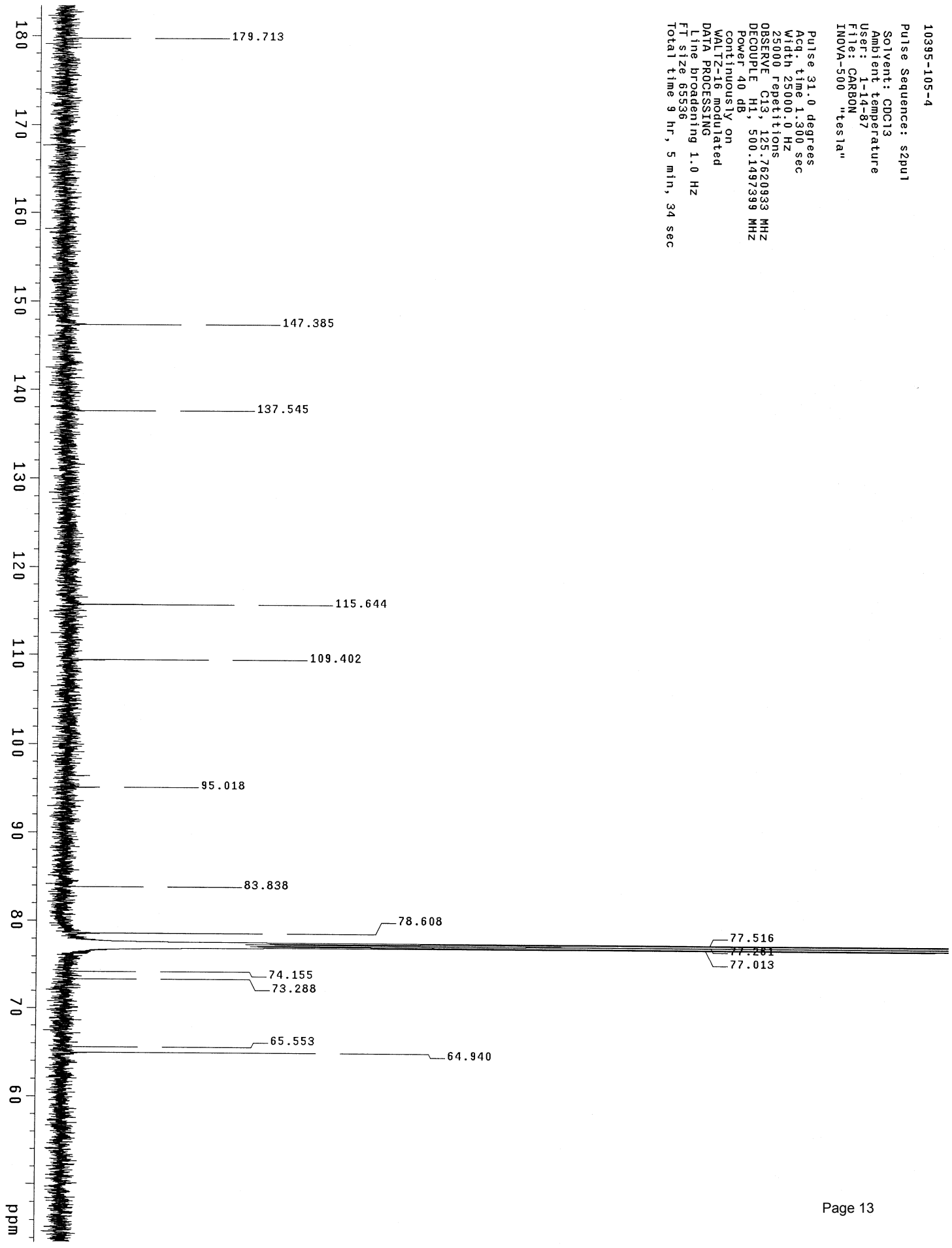
CX	20.00 cm
F1P	215.000 ppm
F1	16225.56 Hz
F2P	-5.000 ppm
F2	-377.34 Hz
PPMCM	11.00000 ppm/cm
HZCM	830.14490 Hz/cm

10395-105-4

Pulse Sequence: s2pul
 Solvent: CDCl3
 Ambient temperature
File: PROTON_inv
INOVA-500 "tesla"

 Pulse 50.9 degrees
 Acq. time 1.892 sec
 Width 4256.5 Hz
 8 repetitions
OBSERVE   H1, 500.1472484 MHz
DATA PROCESSING
 Line broadening 0.5 Hz
 Gauss apodization 2.460 sec
FT size 16384
Total time 0 min, 15 sec




10395-105-4
Pulse Sequence: s2pul
Solvent: CDCl3
Ambient temperature
User: 1-14-87
File: CARBON
INOVA-500 "tesla"
Pulse 31.0 degrees
Acq. time 1.300 sec
Width 25000.0 Hz
25000 repetitions
OBSERVE C13, 125.7620933 MHz
DECOUPLE H1, 500.1497399 MHz
Power 40 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 65536
Total time 9 hr, 5 min, 34 sec
179.713
147.385
137.545
115.644
109.402
95.018
83.838
78.608
77.516
77.281
77.013
74.155
73.288
65.553
64.940
180
170
160
150
140
130
120
110
100
90
80
70
60
ppm