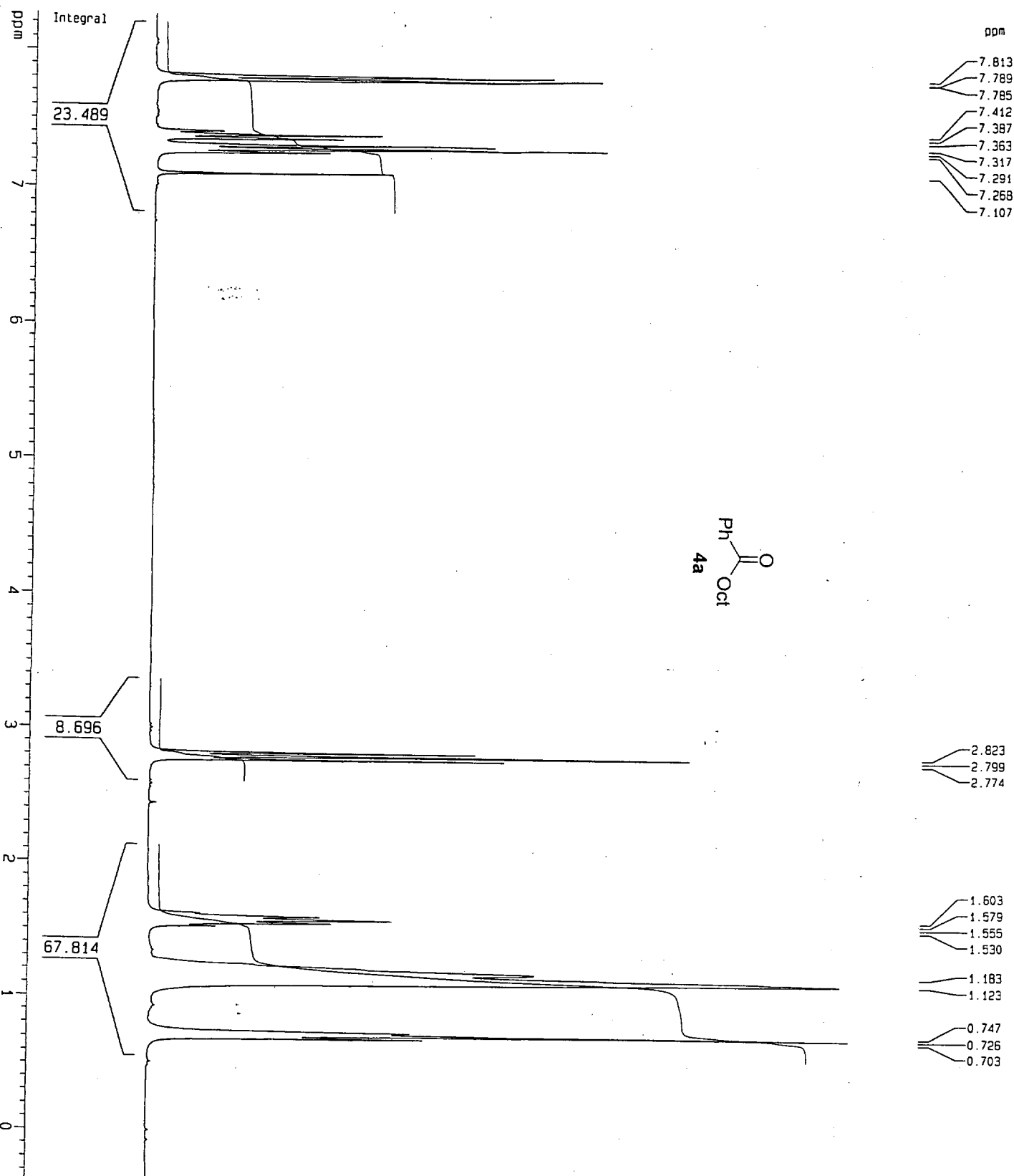




Current Data Parameters

USER jens
NAME aejen316
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters

Date_ 990528
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 64
DS 2
SWH 3623.188 Hz
FIDRES 0.110571 Hz
AQ 4.5220342 sec
RG 256
DM 138.000 usec
DE 172.50 usec
TE 290.0 K
D1 0.01000000 sec
P1 9.70 usec
SFO1 300.131507 MHz
NUCLEUS 1H

F2 - Processing parameters

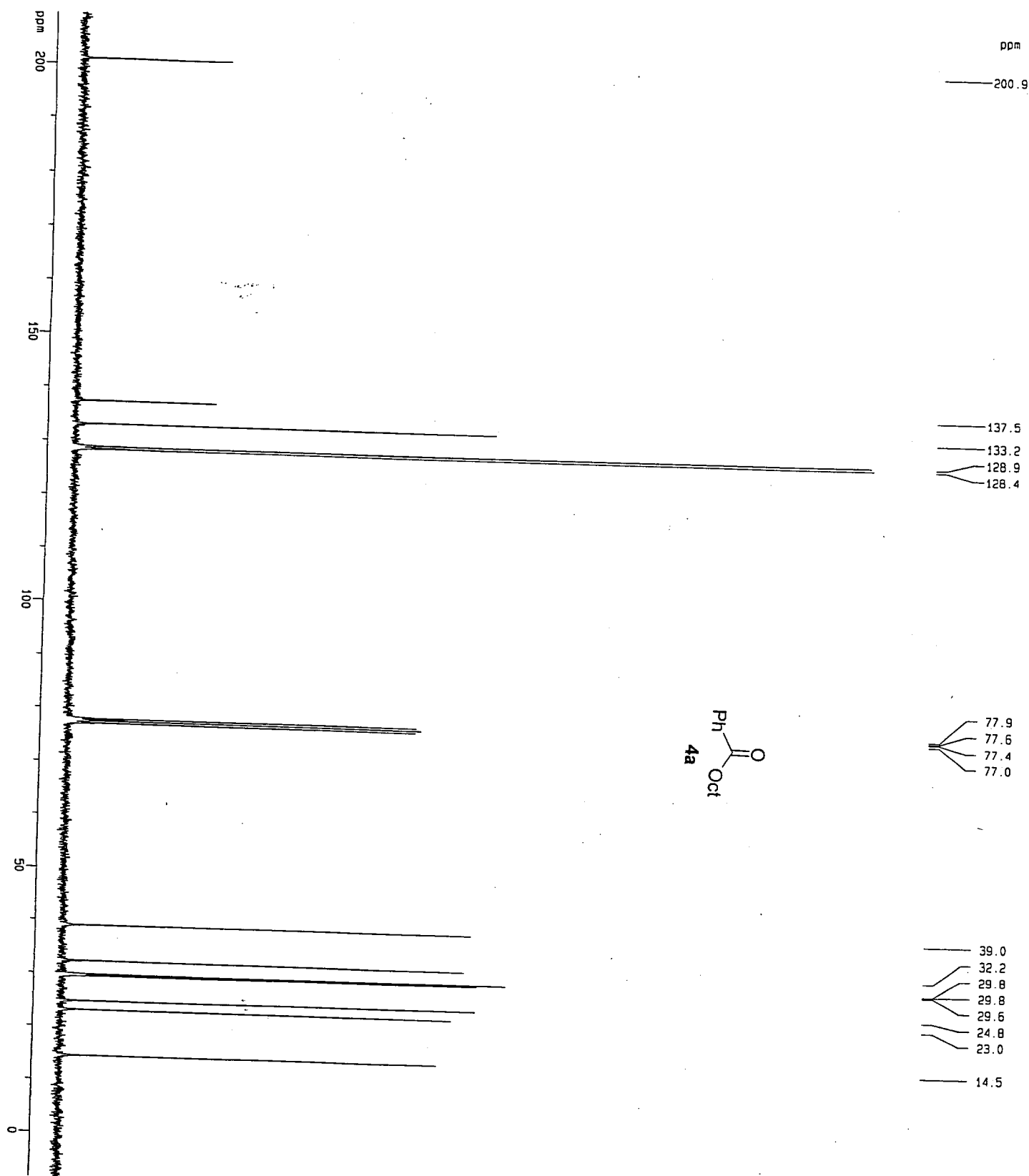
SF 32768
SF 300.1300525 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 4.00

1D NMR plot parameters

CX 21.50 cm
F1P 8.264 ppm
F1 2480.42 Hz
F2P -0.380 ppm
F2 -113.96 Hz
PPMCM 0.40206 ppm/cm
HZCM 120.66892 Hz/cm

Ak: Knoche1
Jensen

S1



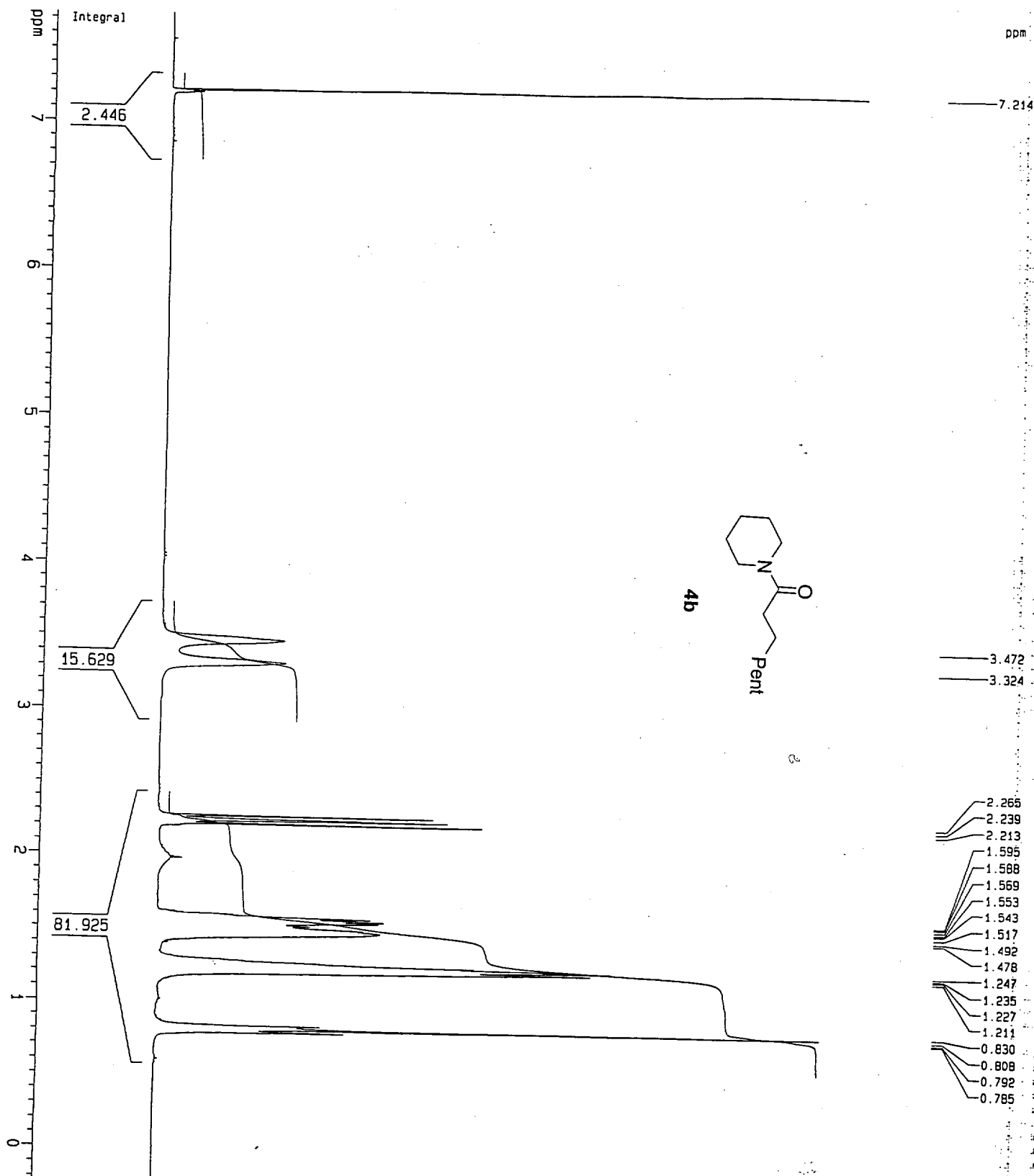
Current Data Parameters
 USER Jens
 NAME aejen316
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 990528
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 512
 DS 2
 SMH 19230.770 Hz
 FIDRES 0.293438 Hz
 AQ 1.7039860 sec
 RG 32768
 DM 26.000 usec
 DE 32.50 usec
 TE 300.0 K
 D12 0.00002000 sec
 DL6 23.00 dB
 D1 1.50000000 sec
 CPDPRG walz16
 P31 120.00 usec
 D11 0.03000000 sec
 DL5 20.00 dB
 P1 6.10 usec
 SFO1 75.4762456 MHz
 NUCLEUS 13C

F2 - Processing parameters
 SI 65536
 SF 75.4677190 MHz
 MDW EM
 SSB 0
 LB 2.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.50 cm
 F1P 209.269 ppm
 F1 15793.08 Hz
 F2P -8.500 ppm
 F2 -641.45 Hz
 PPMCM 10.12879 ppm/cm
 HZCM 764.39655 Hz/cm

AK: Knoche
 Jensen

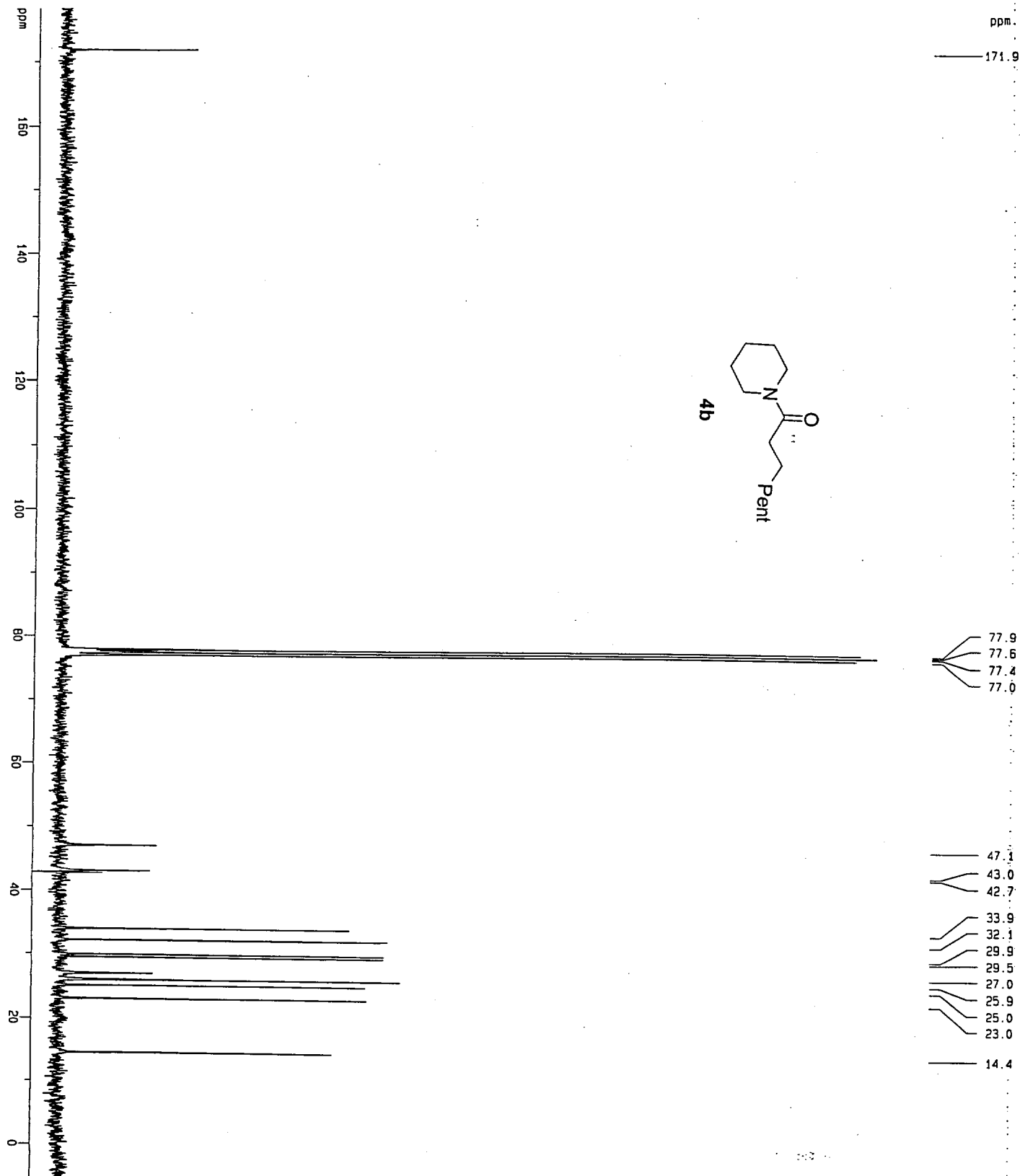


Current Data Parameters
 USER Jens
 NAME aej330
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 990914
 PROBD 5 mm QNP 1H
 PULPROG zg30
 TO 32768
 SOLVENT CDCl3
 NS 64
 DS 2
 SMH 3623.188 Hz
 FIDRES 0.110571 Hz
 AQ 4.5220342 sec
 RG 512
 DW 138.000 usec
 DE 172.50 usec
 TE 290.0 K
 D1 0.01000000 sec
 P1 9.70 usec
 SF01 300.1316507 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 32768
 SF 300.1300206 MHz
 WDW EM
 SSB 0
 LB 0.10 Hz
 GB 0
 PC 4.00

1D NMR plot parameters
 CX 21.50 cm
 F1P 7.739 ppm
 F1 2322.62 Hz
 F2P -0.237 ppm
 F2 -71.09 Hz
 PPMCM 0.37096 ppm/cm
 HZCM 111.33550 Hz/cm



Arbeitskreis Knochel
 User: Jensen
 Bruker ARX 300
 D13C_512 CDCl3 u Jens 5

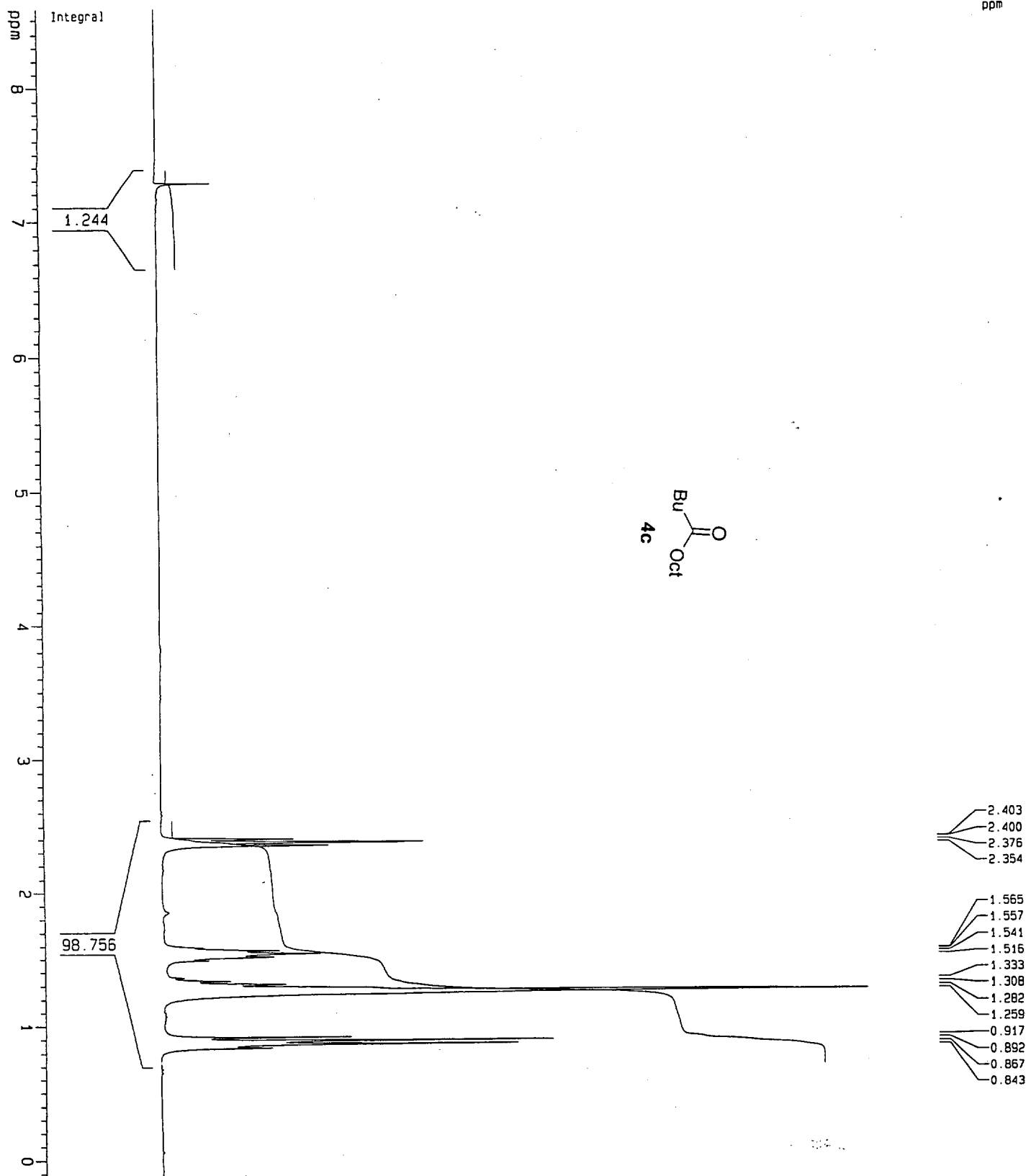
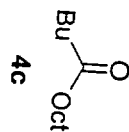
Current Data Parameters
 USER Jens
 NAME ae1330
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 990914

PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 512
 DS 2
 SWH 19230.770 Hz
 FIDRES 0.293438 Hz
 AQ 1.7039860 sec
 RG 32768
 DM 26.000 usec
 DE 32.50 usec
 TE 300.0 K
 D12 0.0002000 sec
 DL6 22.00 dB
 D1 1.50000000 sec
 CPDPRG wait1216
 P31 95.00 usec
 D11 0.03000000 sec
 DL5 20.00 dB
 P1 6.20 usec
 SF01 75.4762456 MHz
 NUCLEUS 13C

F2 - Processing parameters
 SI 65536
 SF 75.4677190 MHz
 WDW EM
 SSB 0
 LB 2.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.50 cm
 F1P 178.262 ppm
 F1 13453.04 Hz
 F2P -5.618 ppm
 F2 -424.01 Hz
 PPMCM 8.55259 ppm/cm
 HZCM 645.44427 Hz/cm



Current Data Parameters

USER	jens
NAME	aes386
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Date_	990721
PROBHD	5 mm QNP 1H
PULPROG	zg30
TD	32768
SOLVENT	CDCl3
NS	64
DS	2
SWH	3623.188 Hz
FIDRES	0.110571 Hz
AQ	4.5220342 sec
RG	180
DM	138.000 usec
DE	172.50 usec
TE	290.0 K
D1	0.01000000 sec
P1	9.70 usec
SFO1	300.131507 MHz
NUCLEUS	1H

F2 - Processing parameters

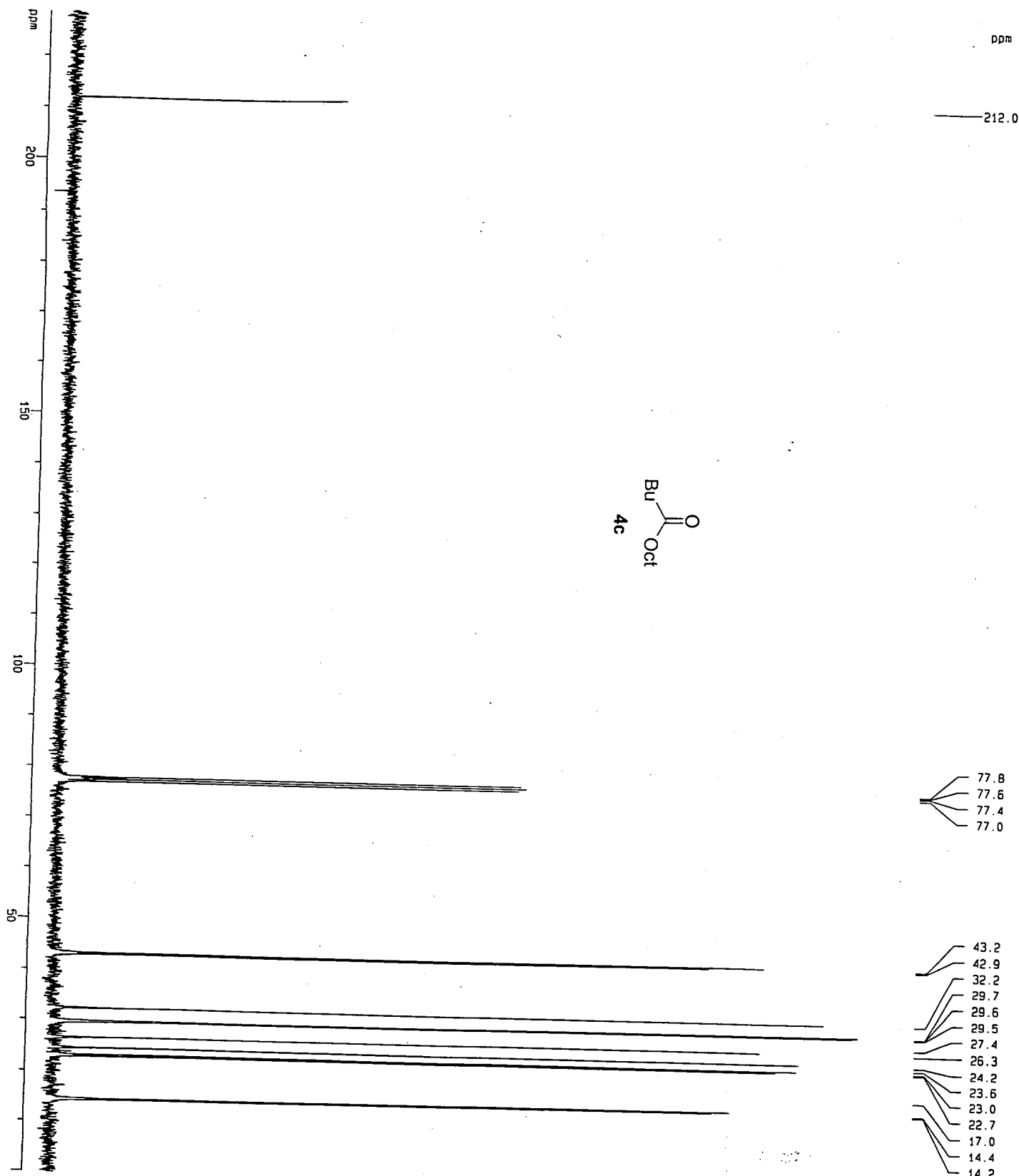
SI	32768
SF	300.1300000 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	4.00

1D NMR plot parameters

CX	21.50 cm
F1P	8.579 ppm
F1	2574.69 Hz
F2P	-0.132 ppm
F2	-39.63 Hz
PPMCM	0.40515 ppm/cm
HZCM	121.59639 Hz/cm

AK: Knoche1
Jensen

55



**Ak: KnocheJ
Jensen**

Current Data Parameters

```
USER      jens
NAME      aes386
EXPNO     2
PROCNO    1
```

```
F2 - Acquisition Parameters
Date_ 990721
```

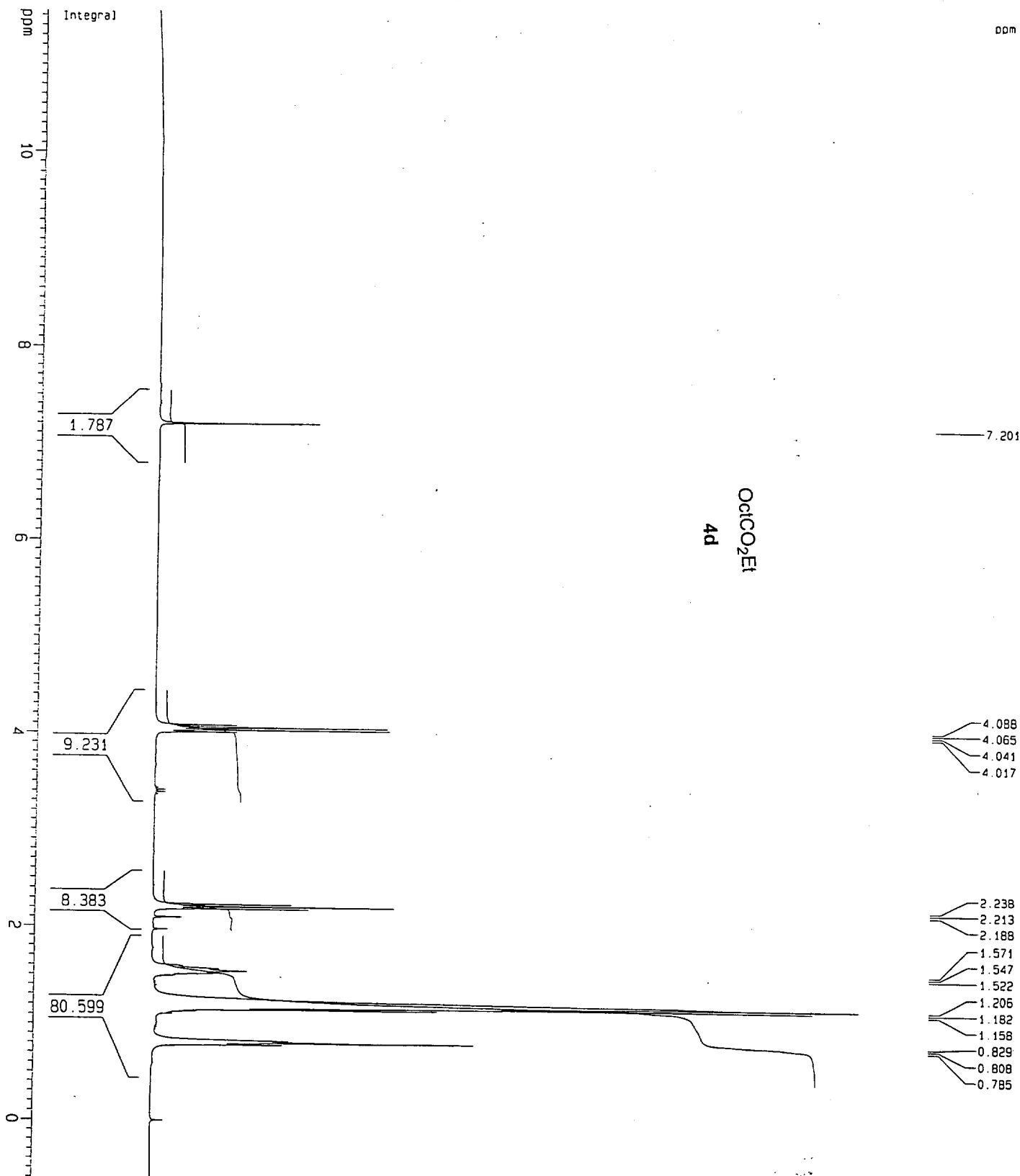
Date	990721
ProbHD	5 mm QNP 1H
PULPROG	zgpg30
TD	65536
SQLEVENT	CDCl3
NS	512
DS	2
SWH	19230.770 Hz
FIDRES	0.293438 Hz
AQ	1.7039860 sec
RG	32768
DM	26.000 usec
DE	32.50 usec
TE	300.0 K
D12	0.00002000 sec
D16	22.00 dB
D1	1.50000000 sec
CPDPRG	waltz16
P31	95.00 usec
D11	0.03000000 sec
D15	20.00 dB
P1	6.20 usec
SFO1	75.4762456 MHz
NUCLEUS	13C

F2 - Processing parameters

51	65536
SF	75.4677190 MHz
MDW	EM
SSB	0
LB	2.00 Hz
GB	0
PC	1.00

1D NMR plot parameters

CX	21.50 cm
F1P	228.781 ppm
F1	17265.57 Hz
F2P	-0.115 ppm
F2	-8.65 Hz
PPMCM	10.64631 ppm/cm
HZCM	803.45233 Hz/cm



Current Data Parameters

USER jens

NAME ae1722

EXPNO 1

PROCNO 1

F2 - Acquisition Parameters

Date_ 20000309

PROBHD 5 mm QNP 1H

PULPROG zg30

TO 32768

SOLVENT CDCl₃

NS 32

DS 2

SWH 3623.188 Hz

FIDRES 0.110571 Hz

AQ 4.5220342 sec

RG 360

DW 138.000 usec

DE 172.50 usec

TE 290.0 K

D1 0.01000000 sec

P1 9.50 usec

SFO1 300.1316507 MHz

NUCLEUS 1H

F2 - Processing parameters

SI 32768

SF 300.1300241 MHz

WDW EM

SSB 0

LB 1.00 Hz

GB 0

PC 4.00

1D NMR plot parameters

CX 21.50 cm

F1P 11.456 ppm

F1 3438.24 Hz

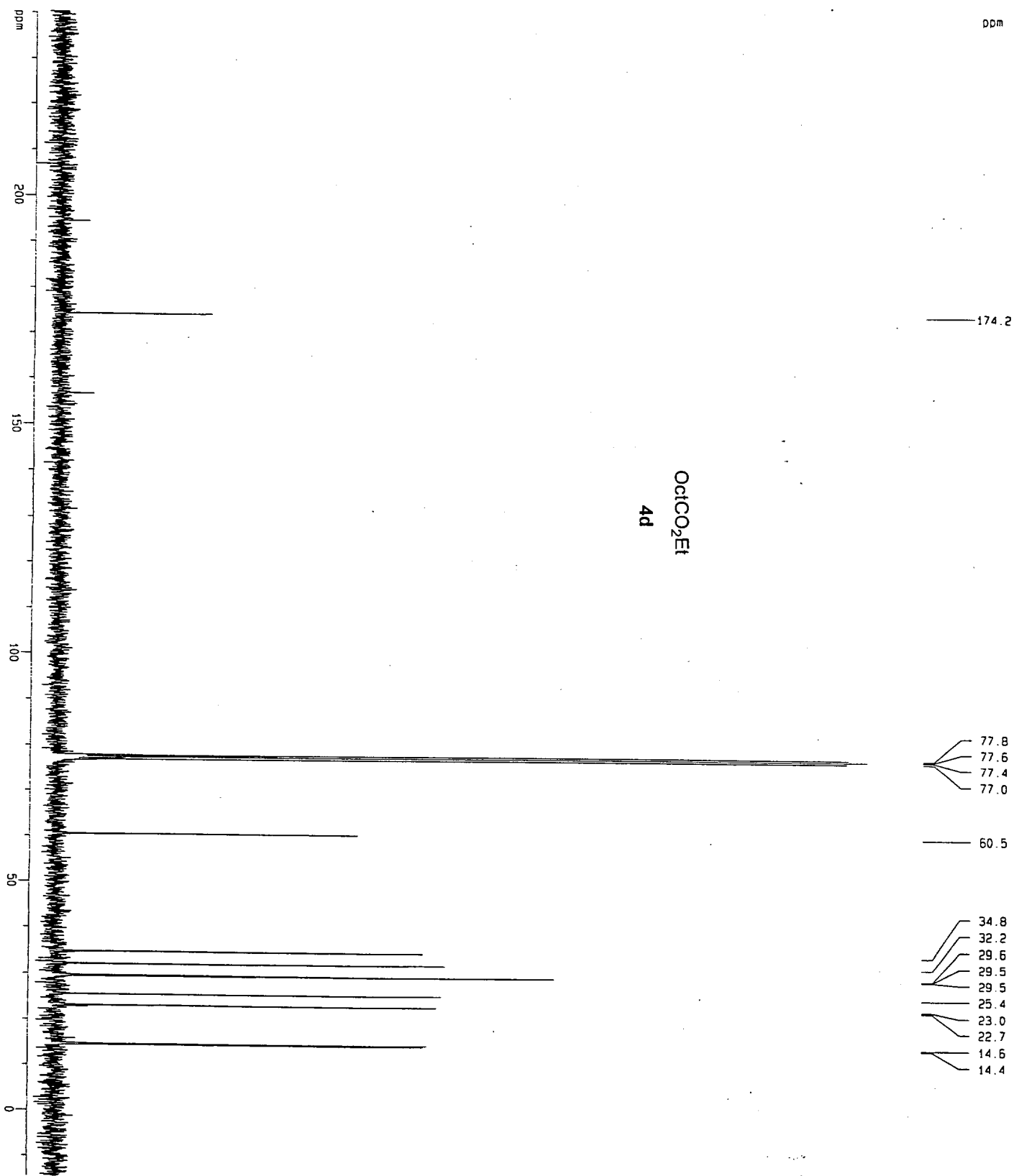
F2P -0.616 ppm

F2 -184.95 Hz

PPMCH 0.56149 ppm/cm

HZCM 168.52040 Hz/cm

Arbeitskreis Knochel
User Jensen
Bruker ARX 300



Arbeitskreis Knoche
User: Jensen
Bruker AX 300

Current Data Parameters
USER Jens
NAME aej722
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters

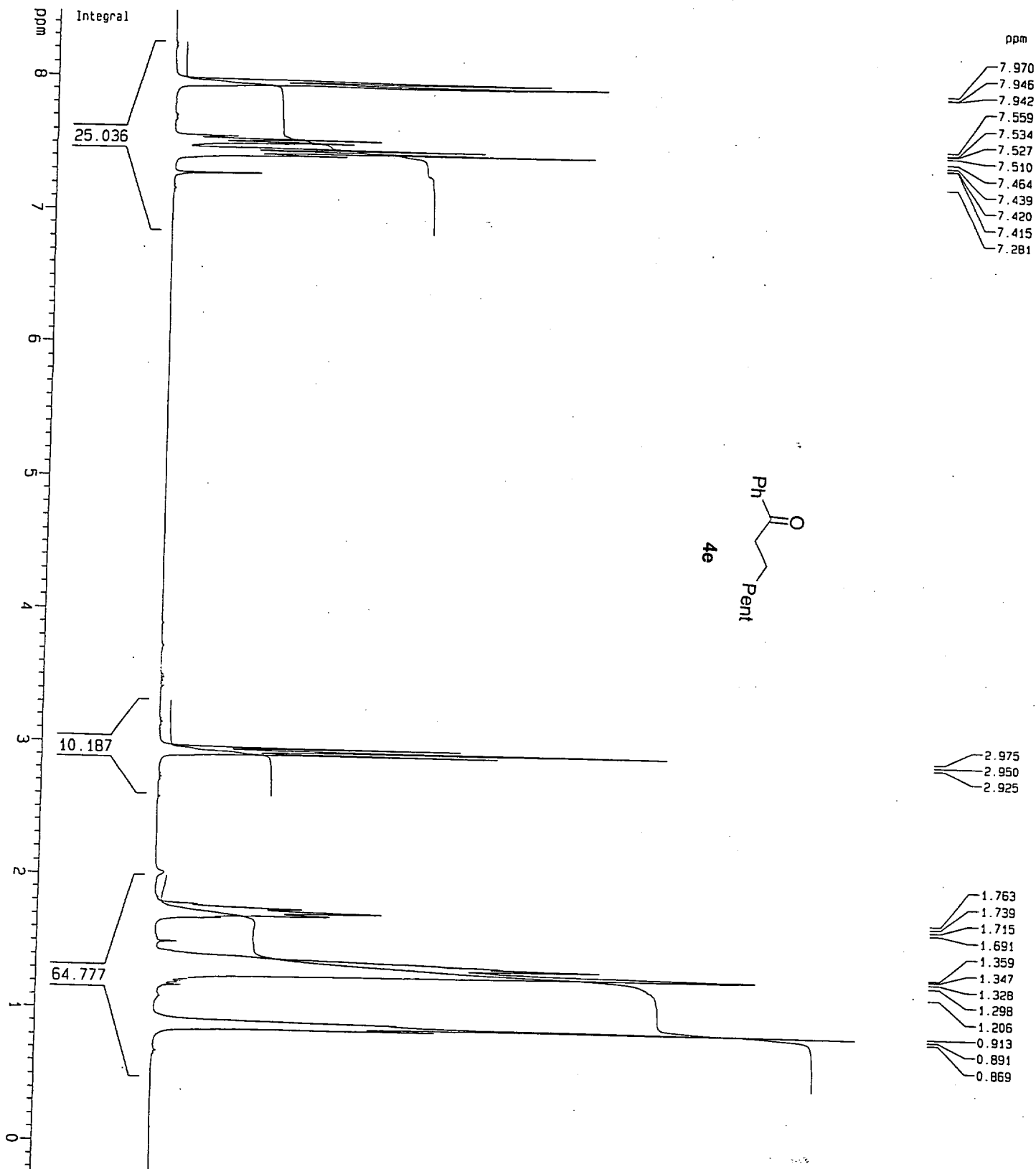
Date_ 20000309
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl₃
NS 256
DS 2
SWH 19230.770 Hz
FIDRES 0.293438 Hz
AQ 1.7039860 sec
RG 32768
DM 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.0002000 sec
DL6 12.00 dB
D1 1.50000000 sec
CPDPRG wait1216
P31 110.00 usec
D11 0.03000000 sec
DL5 12.00 dB
P1 6.20 usec
SFO1 75.4762456 MHz
NUCLEUS 13C

F2 - Processing parameters

SI 65536
SF 75.4677190 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 21.50 cm
F1P 240.379 ppm
F1 18140.87 Hz
F2P -14.442 ppm
F2 -1089.90 Hz
PPMCM 11.85215 ppm/cm
HZCM 894.45441 Hz/cm



Current Data Parameters

USER Jens

NAME ae1438

EXPNO 1

PROCNO 1

F2 - Acquisition Parameters

Date_ 990826

PROBHD 5 mm QNP 1H

PULPROG zg30

TO 32768

SOLVENT CDCl3

NS 32

DS 2

SMH 3623.188 Hz

FIDRES 0.110571 Hz

AQ 4.5220342 sec

RG 128

DM 138.000 usec

DE 172.50 usec

TE 290.0 K

D1 0.01000000 sec

P1 9.70 usec

SFO1 300.1316507 MHz

NUCLEUS 1H

F2 - Processing parameters

SI 32768

SF 300.1300000 MHz

MDM EN

SSB 0

LB 1.00 Hz

GB 0

PC 4.00

1D NMR plot parameters

CX 21.50 cm

F1P 8.480 ppm

F1 2545.10 Hz

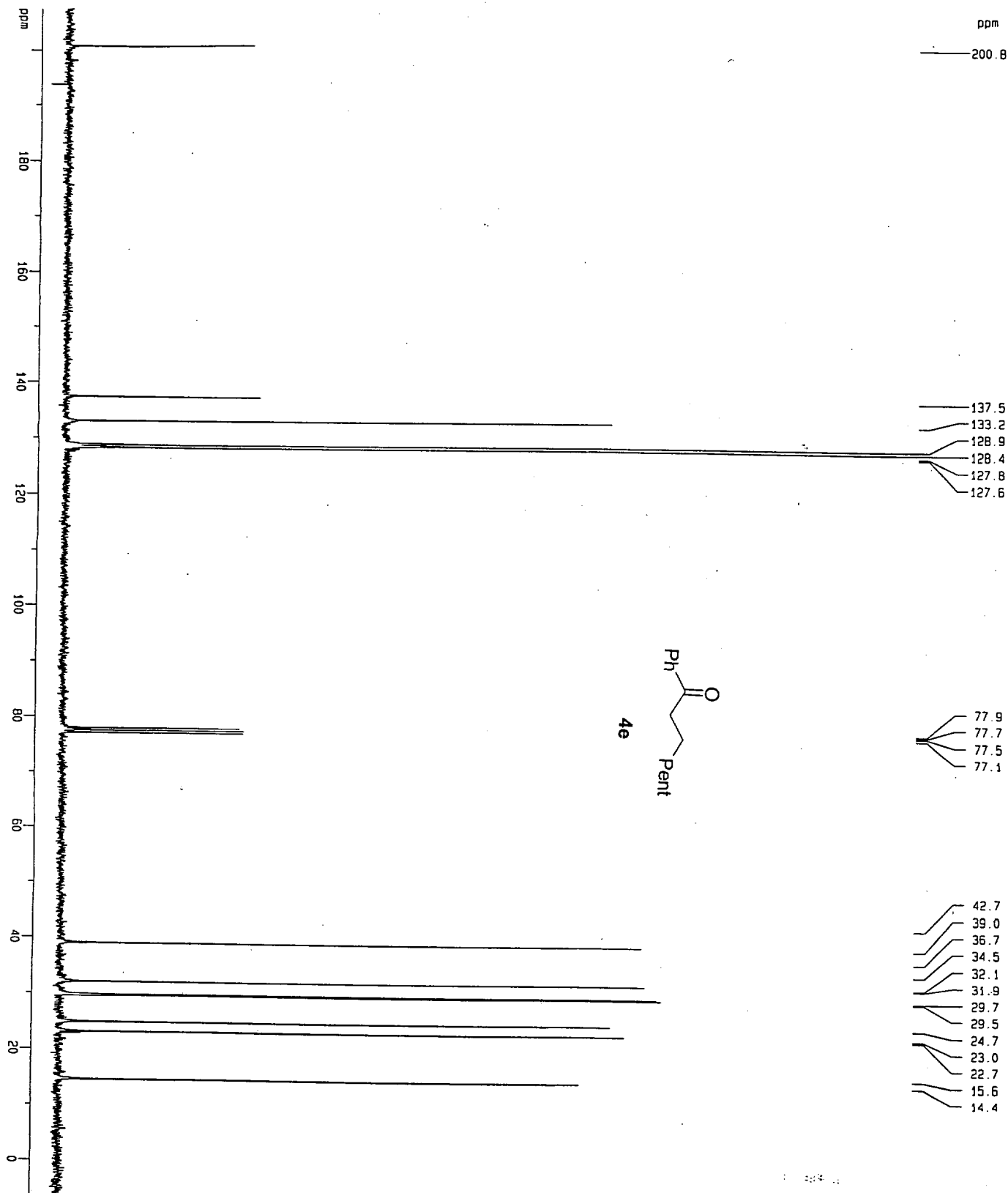
F2P -0.249 ppm

F2 -74.74 Hz

PPMCH 0.40600 ppm/cm

HZCM 121.85321 Hz/cm

AK: Knocne1
Jensen

Ak: Knoche
Jensen

Current Data Parameters
 USER jens
 NAME ae143B
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters

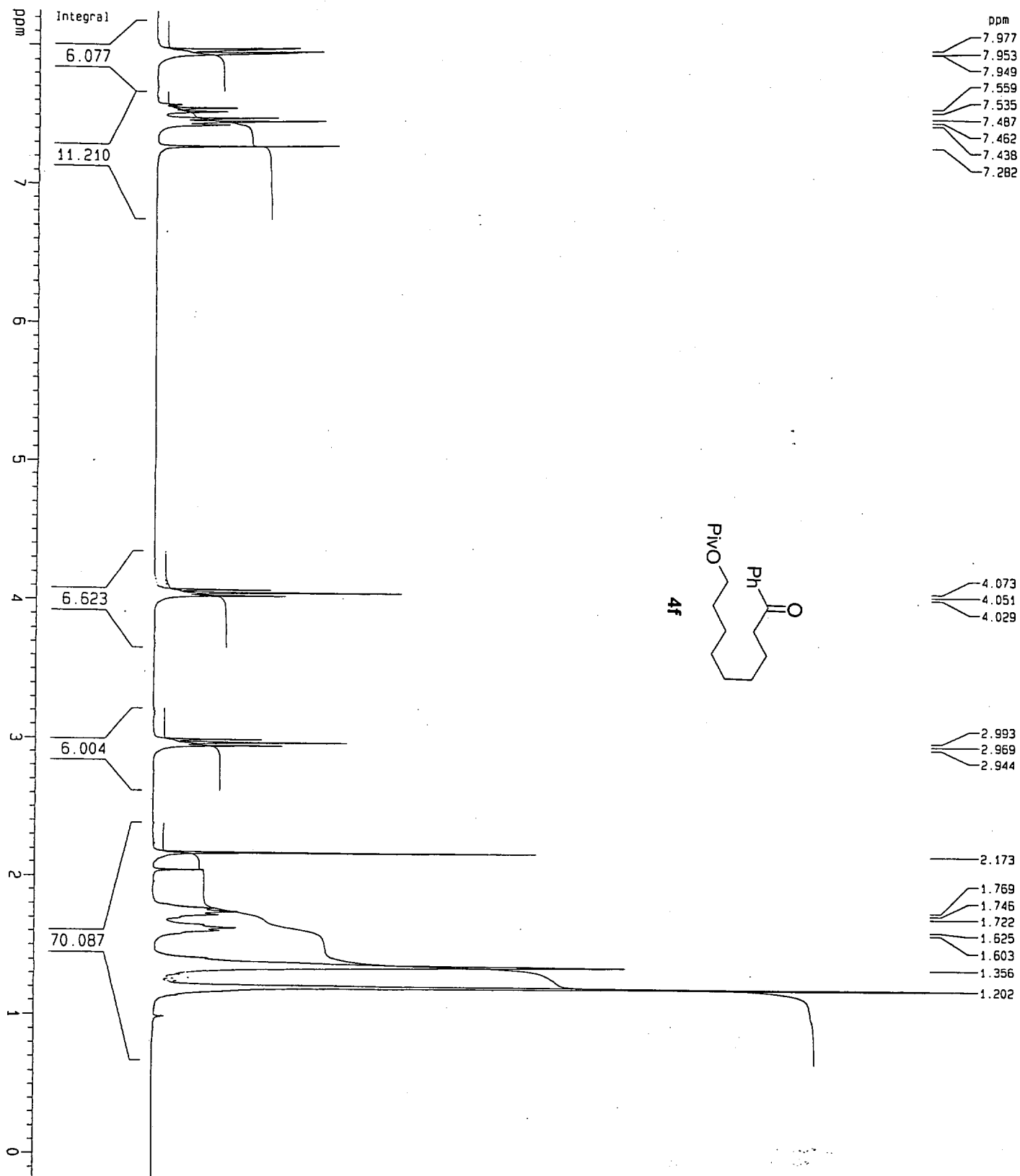
Date_ 990826
 PROBD 5 mm QNP 1H
 PULPROG zgpg30
 TO 65536
 SOLVENT CDCl3
 NS 256
 DS 2
 SMH 19230.770 Hz
 FIDRES 0.293438 Hz
 AQ 1.7039860 sec
 RG 32768
 DW 26.000 usec
 DE 32.50 usec
 TE 300.0 K
 D12 0.0002000 sec
 DL6 22.00 dB
 D1 1.50000000 sec
 CDDPRG waitz16
 P31 95.00 usec
 D11 0.03000000 sec
 DLS 20.00 dB
 P1 6.20 usec
 SF01 75.4762456 MHz
 NUCLEUS 13C

F2 - Processing parameters

SI 65536
 SF 75.4677190 MHz
 WDW EM
 SSB 0
 LB 2.00 Hz
 GB 0
 PC 1.00

10 NMR plot parameters

CX 21.50 cm
 F1P 207.591 ppm
 F1 15666.42 Hz
 F2P -6.501 ppm
 F2 -498.18 Hz
 PPMCH 9.96243 ppm/cm
 HZCH 751.84210 Hz/cm



Current Data Parameters

USER	jens
NAME	ae1338
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Date_	990629
PROBHD	5 mm QNP 1H
PULPROG	zg30
TD	32768
SOLVENT	CDCl3
NS	64
DS	2
SWH	3623.188 Hz
FIDRES	0.110571 Hz
AQ	4.5220342 sec
RG	512
DM	138.000 usec
DE	172.50 usec
TE	290.0 K
D1	0.01000000 sec
P1	9.70 usec
SFO1	300.1316507 MHz
NUCLEUS	1H

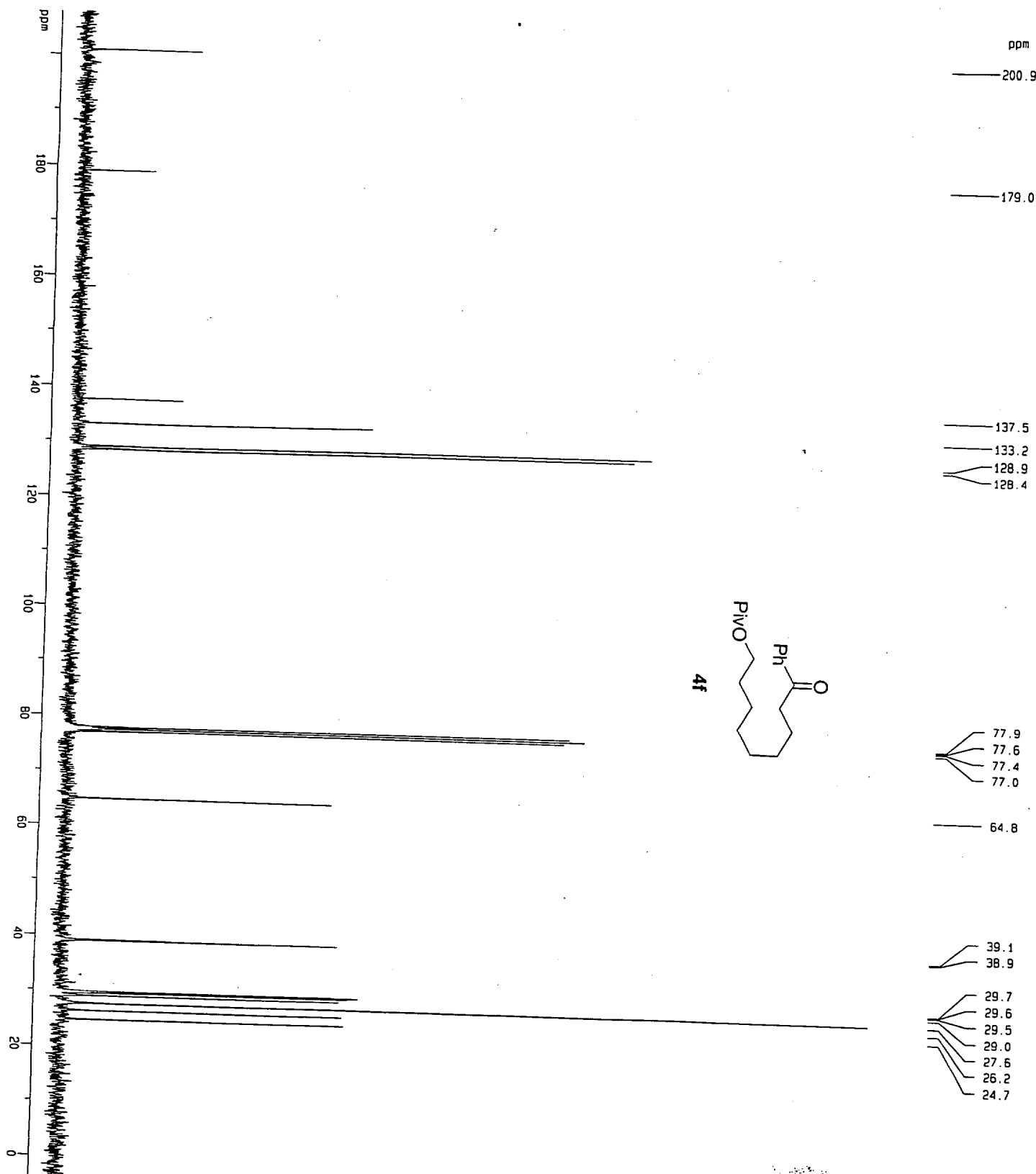
F2 - Processing parameters

SI	32768
SF	300.1300000 MHz
WDM	EM
SSB	0
LB	1.00 Hz
GB	0
PC	4.00

10 NMR plot parameters

CX	21.50 cm
F1P	8.254 ppm
F1	2477.26 Hz
F2P	-0.195 ppm
F2	-58.48 Hz
PPMCM	0.39297 ppm/cm
HZCM	117.94159 Hz/cm

AK: Knochel
Jensen



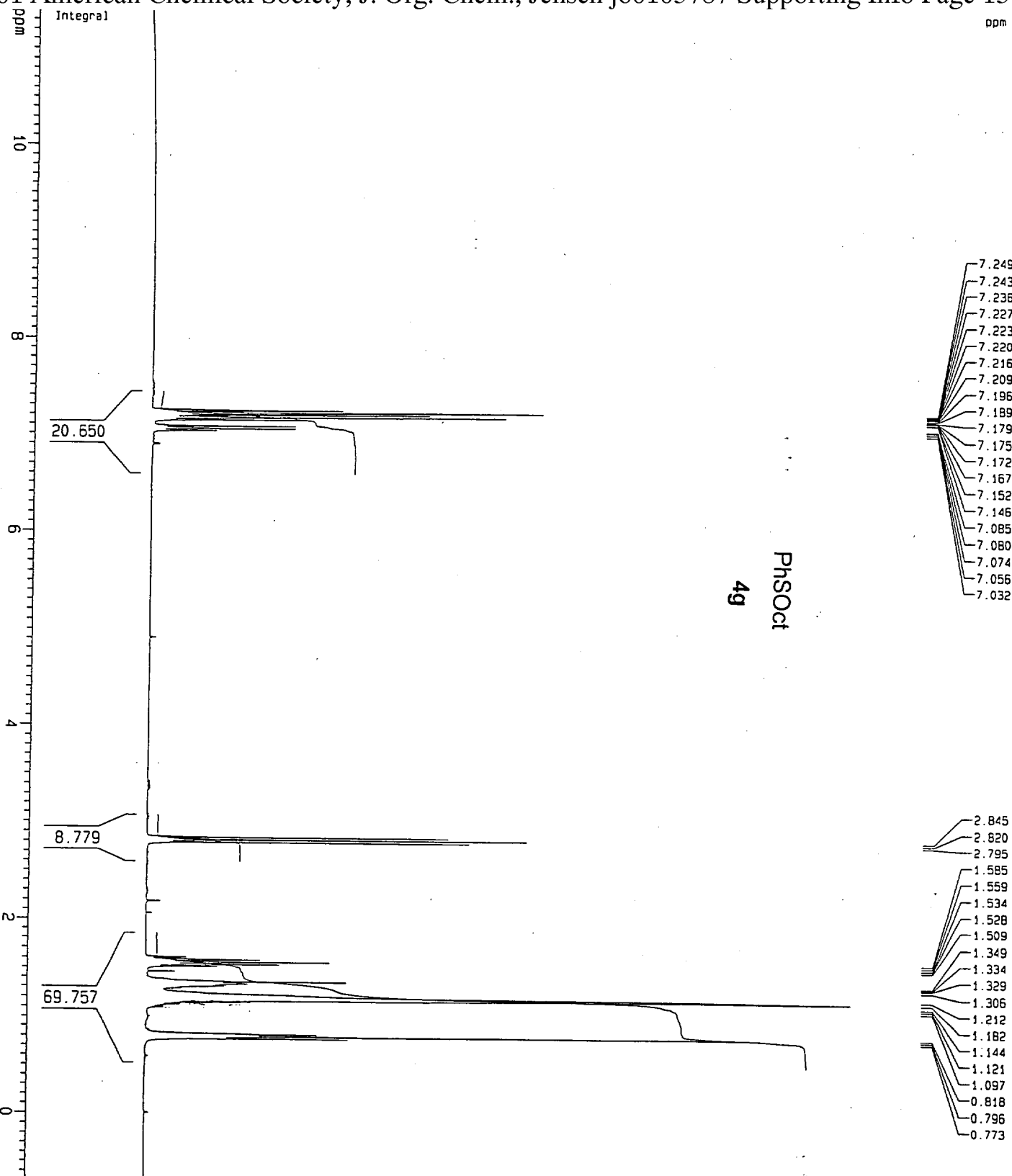
Current Data Parameters
 USER Jens
 NAME ae1338
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 990629
 PROBN 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 475
 DS 2
 SMH 19230.770 Hz
 FIDRES 0.293438 Hz
 AQ 1.7039860 sec
 RG 32768
 DM 26.000 usec
 DE 32.50 usec
 TE 300.0 K
 D12 0.0002000 sec
 DL6 23.00 dB
 D1 1.50000000 sec
 CPDPRG waltz16
 P31 120.00 usec
 D11 0.03000000 sec
 DL5 20.00 dB
 P1 6.10 usec
 SF01 75.4762456 MHz
 NUCLEUS 13C

F2 - Processing parameters
 SI 65536
 SF 75.4677190 MHz
 MDW EM
 SSB 0
 LB 2.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.50 cm
 F1P 207.798 ppm
 F1 15682.02 Hz
 F2P -4.153 ppm
 F2 -313.42 Hz
 PPMCM 9.85818 ppm/cm
 HZCM 743.97418 Hz/cm

AK: Knoche
 Jensen



Arbeitskreis Knochen
User Jensen
Bruker ARX 300

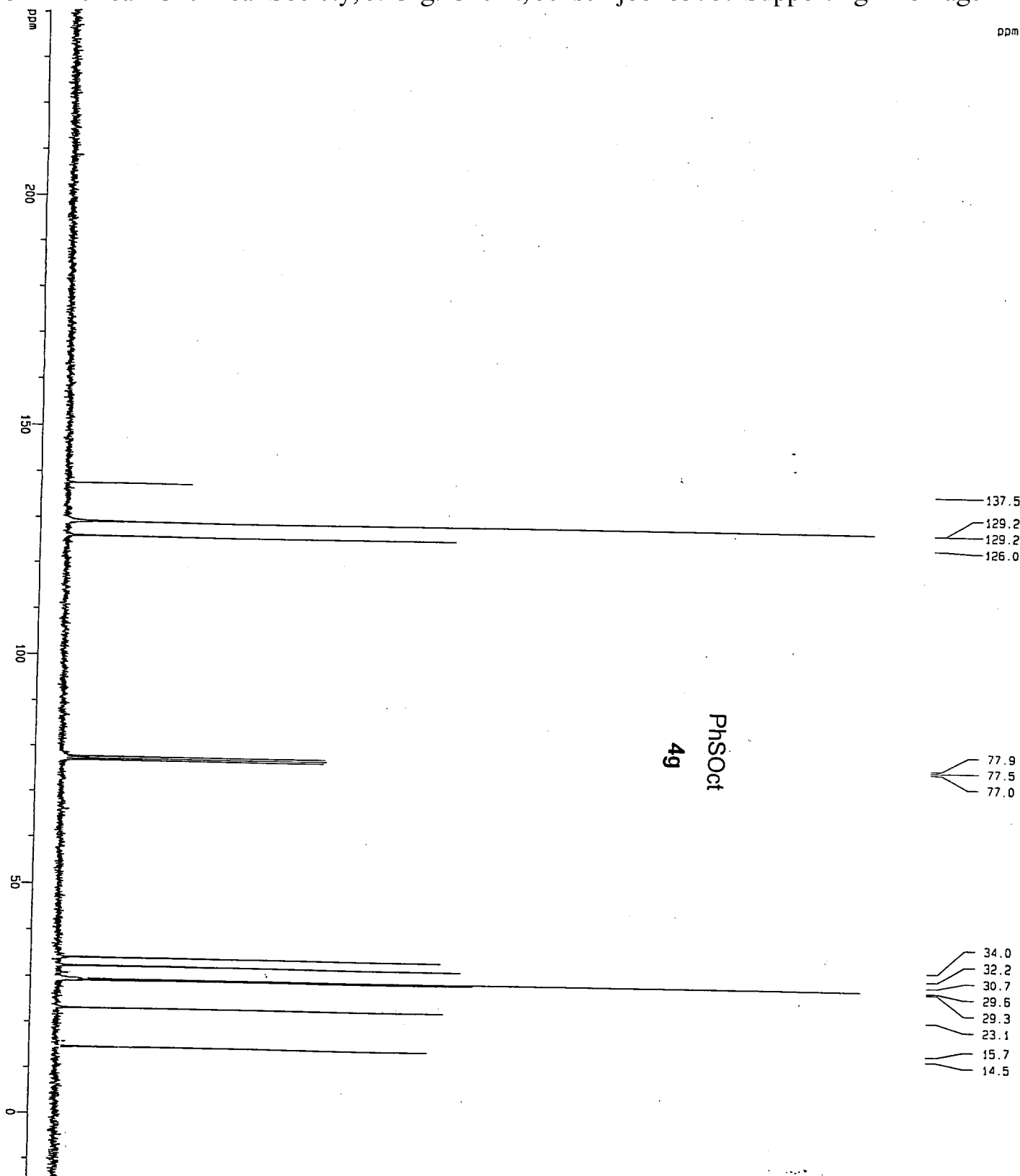
S12

Current Data Parameters
USER jens
NAME ae1000
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010509
Time 9.42
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 16384
SOLVENT CDCl3
NS 64
DS 2
SWH 3623.188 Hz
FIDRES 0.221142 Hz
AQ 2.2610421 sec
RG 90
DM 138.000 usec
DE 172.50 usec
TE 290.0 K
D1 2.0000000 sec
P1 11.00 usec
SFO1 300.1316507 MHz
NUCLEUS 1H

F2 - Processing parameters
SI 32768
SF 300.1300414 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 4.00

1D NMR plot parameters
CX 21.50 cm
F1P 11.398 ppm
F1 3420.91 Hz
F2P -0.674 ppm
F2 -202.28 Hz
PPMCK 0.56149 ppm/cm
HZCK 168.52039 Hz/cm



Arbeitskreis Knoche
User Jensen
Bruker ARX 300

SI

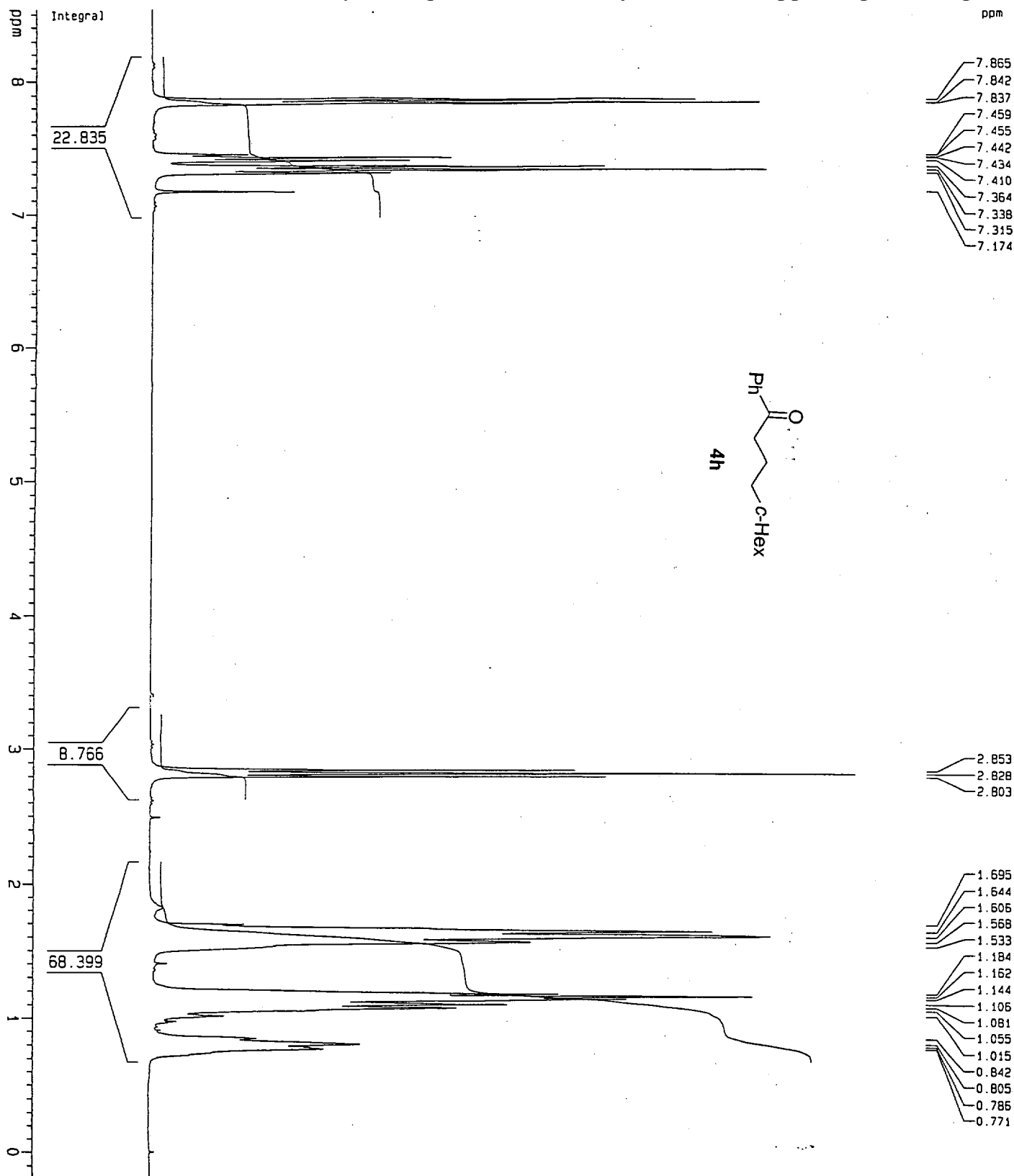
Current Data Parameters
USER jens
NAME ae1000
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010509

Time 9.57
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 269
DS 2
SWH 19230.770 Hz
FIDRES 0.293438 Hz
AQ 1.7039860 sec
RG 16384
DW 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.0002000 sec
DL6 23.00 dB
D1 1.50000000 sec
CPDPRG waltz16
P31 110.00 usec
D11 0.03000000 sec
DL5 20.00 dB
P1 6.20 usec
SFO1 75.4762456 MHz
NUCLEUS 13C

F2 - Processing parameters
SI 65536
SF 75.4677190 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 21.50 cm
F1P 240.379 ppm
F1 18140.87 Hz
F2P -14.442 ppm
F2 -1089.90 Hz
PPMCH 31.85214 ppm/cm
HZCM 894.45435 Hz/cm



Current Data Parameters

USER	jens
NAME	ae1548
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Date_	991026
PROBHD	5 mm QNP 1H
PULPROG	zg30
TD	32768
SOLVENT	CDCl3
NS	32
DS	2
SWH	3623.188 Hz
FIDRES	0.110571 Hz
AQ	4.5220342 sec
RG	180
DW	138.000 usec
DE	172.50 usec
TE	290.0 K
D1	0.01000000 sec
P1	9.70 usec
SFO1	300.1316507 MHz
NUCLEUS	1H

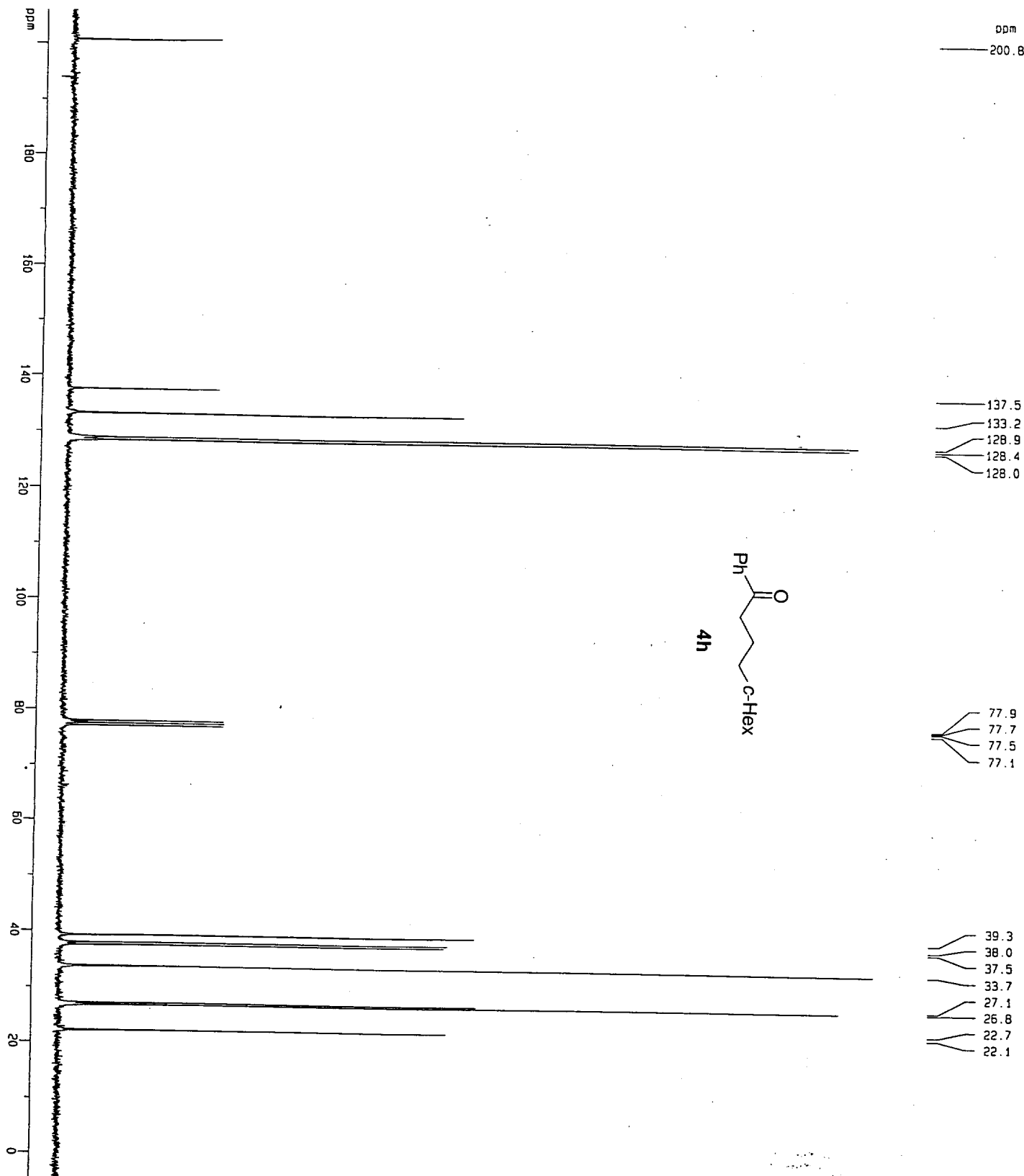
F2 - Processing parameters

SI	32768
SF	300.1300321 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	4.00

1D NMR plot parameters

CX	21.50 cm
F1P	8.543 ppm
F1	2563.89 Hz
F2P	-0.189 ppm
F2	-56.79 Hz
PPMCH	0.40613 ppm/cm
HZCH	121.89219 Hz/cm

Arbeitskreis Knoche)
User Jensen
Bruker ARX 300
D1H_32 CDCl3 u jens 28



Arbeitskreis Knochen
User: Jensen
Bruker ARX 300
D13C_256 CDCl3 u Jens 2

Current Data Parameters
USER: Jens
NAME: ae1548
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters

Date: 991026
PROBHD: 5 mm QNP 1H
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 256
DS: 2
SWH: 19230.770 Hz
FIDRES: 0.293438 Hz
AQ: 1.7039860 sec
RG: 32768
DM: 26.000 usec
DE: 32.50 usec
TE: 300.0 K
D12: 0.00002000 sec
DLB: 22.00 dB
O1: 1.50000000 sec
CPDPRG: waltz16
P31: 95.00 usec
O11: 0.03000000 sec
DL5: 20.00 dB
P1: 6.20 usec
SFO1: 75.4762456 MHz
NUCLEUS: 13C

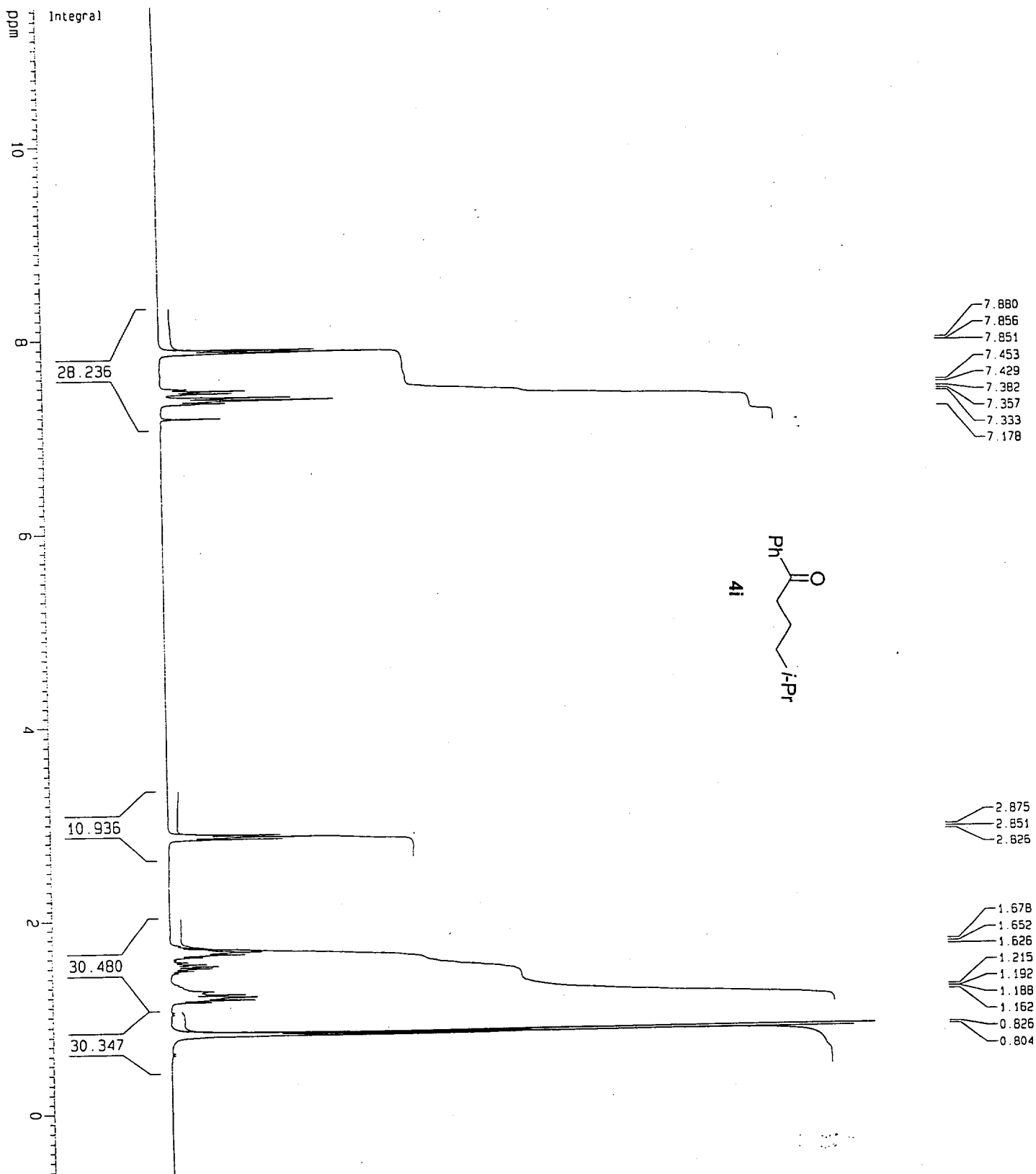
F2 - Processing parameters

SI: 65536
SF: 75.4677190 MHz
WDW: EM
SSB: 0
LB: 2.00 Hz
GB: 0
PC: 1.00

1D NMR plot parameters

CX: 21.50 cm
F1P: 205.892 ppm
F1: 15538.21 Hz
F2P: -4.862 ppm
F2: -366.94 Hz
PPMCH: 9.80253 ppm/cm
HZCM: 739.77429 Hz/cm

ppm



Current Data Parameters

USER	jens
NAME	aej83bo
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Date_	20000508
PROBHD	5 mm QNP 1H
PULPROG	zg30
TD	32768
SOLVENT	CDCl3
NS	17
DS	2
SWH	3623.188 Hz
FIDRES	0.110571 Hz
AQ	4.5220342 sec
RG	256
DW	136.000 usec
DE	172.50 usec
TE	290.0 K
D1	0.01000000 sec
P1	9.60 usec
SFO1	300.1316507 MHz
NUCLEUS	¹ H

F2 - Processing parameters

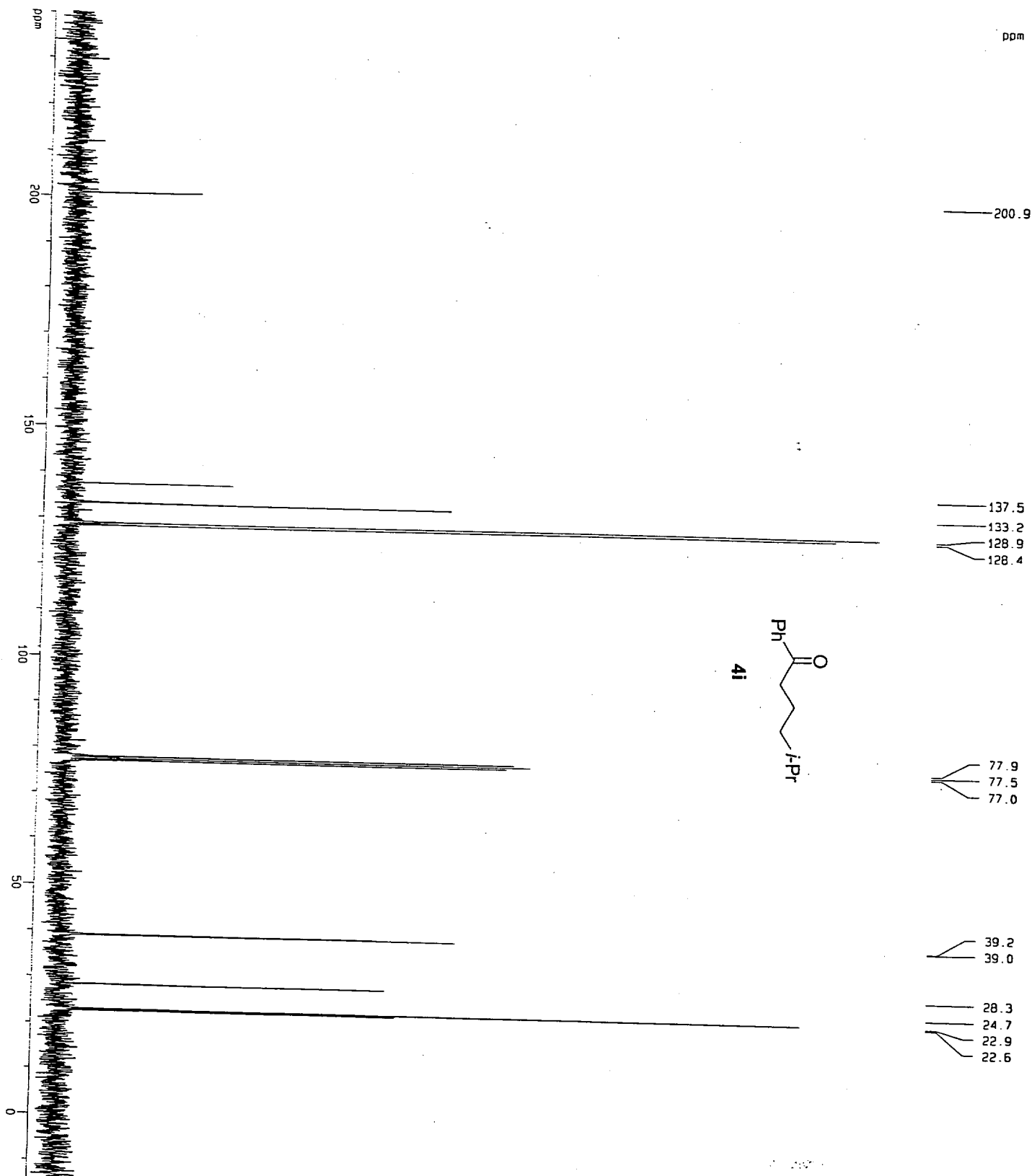
SI	32768
SF	300.1300309 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	4.00

1D NMR plot parameters

CX	21.50 cm
F1P	11.433 ppm
F1	3431.40 Hz
F2P	-0.639 ppm
F2	-191.79 Hz
PPMCM	0.56149 ppm/cm
HZCM	168.52039 Hz/cm

Arbeitskreis Knoche
User Jensen
Bruker ARX 300

SI



Arbeitskreis Knoche
User: Jensen
Bruker ARX 300

Current Data Parameters
USER: jens
NAME: ae1B36b
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20000508

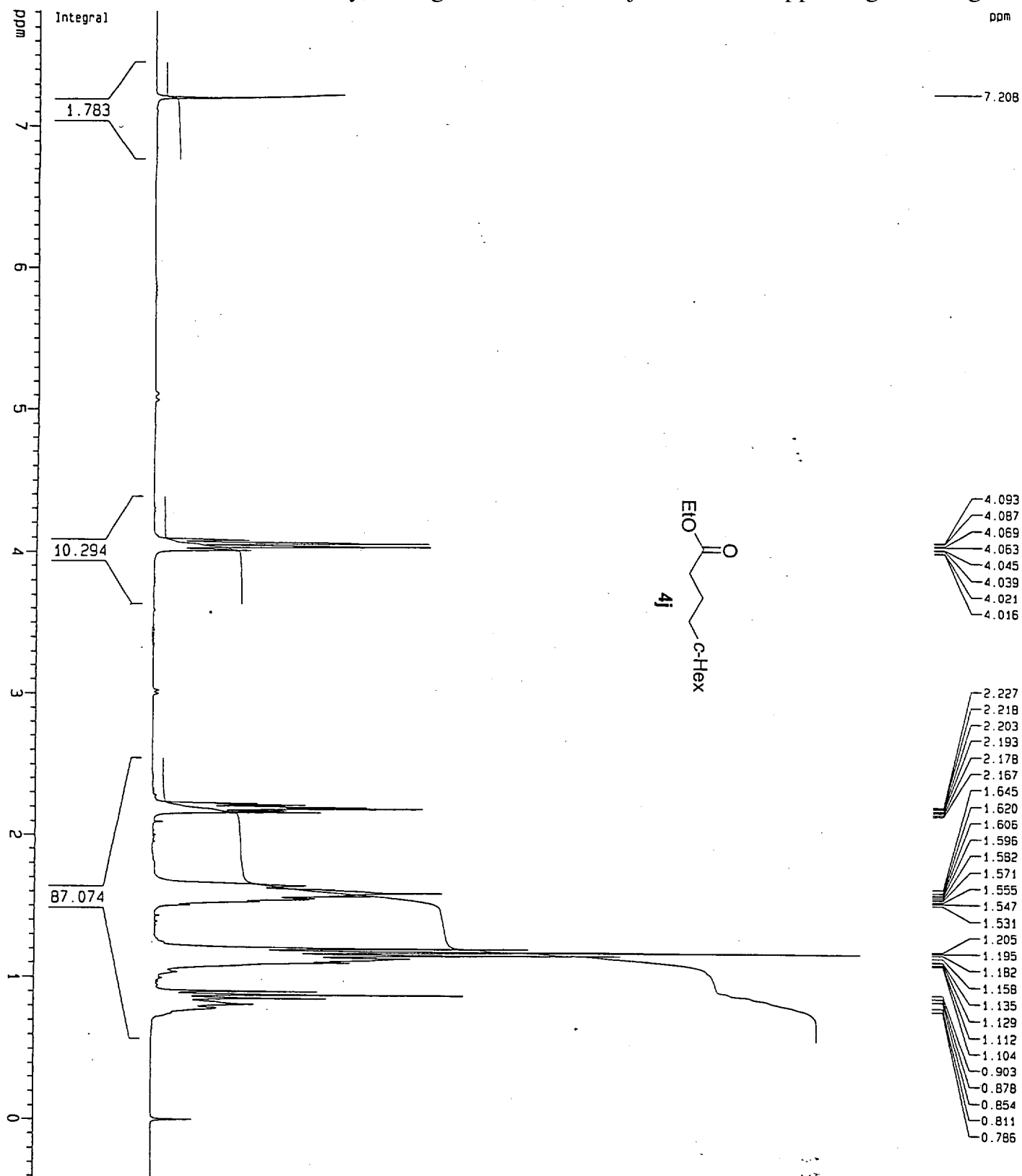
PROBHD: 5 mm QNP 1H
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 30
DS: 2
SWH: 19230.770 Hz
FIDRES: 0.293438 Hz
AQ: 1.7039860 sec
RG: 32768
DW: 26.000 usec
DE: 32.50 usec
TE: 300.0 K
D12: 0.00002000 sec
DL6: 12.00 dB
D1: 1.50000000 sec
CPDPRG: Waltz16
P31: 110.00 usec
D11: 0.03000000 sec
DL5: 12.00 dB
P1: 6.20 usec
SF01: 75.4762456 MHz
NUCLEUS: 13C

F2 - Processing parameters

SI: 65536
SF: 75.467190 MHz
WDW: EM
SSB: 0
LB: 2.00 Hz
GB: 0
PC: 1.00

10 NMR plot parameters

CX: 21.50 cm
F1P: 240.379 ppm
F1: 18140.87 Hz
F2P: -14.442 ppm
F2: -1089.90 Hz
PPMCM: 11.85214 ppm/cm
HZCM: 894.45435 Hz/cm



Current Data Parameters

USER	jens
NAME	ae1550
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Date_	991026
PROBHD	5 mm QNP 1H
PULPROG	zg30
TO	32768
SOLVENT	CDCl3
NS	32
DS	2
SWH	3623.188 Hz
FIDRES	0.110571 Hz
AQ	4.5220342 sec
RG	360
DW	138.000 usec
DE	172.50 usec
TE	290.0 K
D1	0.01000000 sec
P1	9.70 usec
SFO1	300.1316507 MHz
NUCLEUS	1H

F2 - Processing parameters

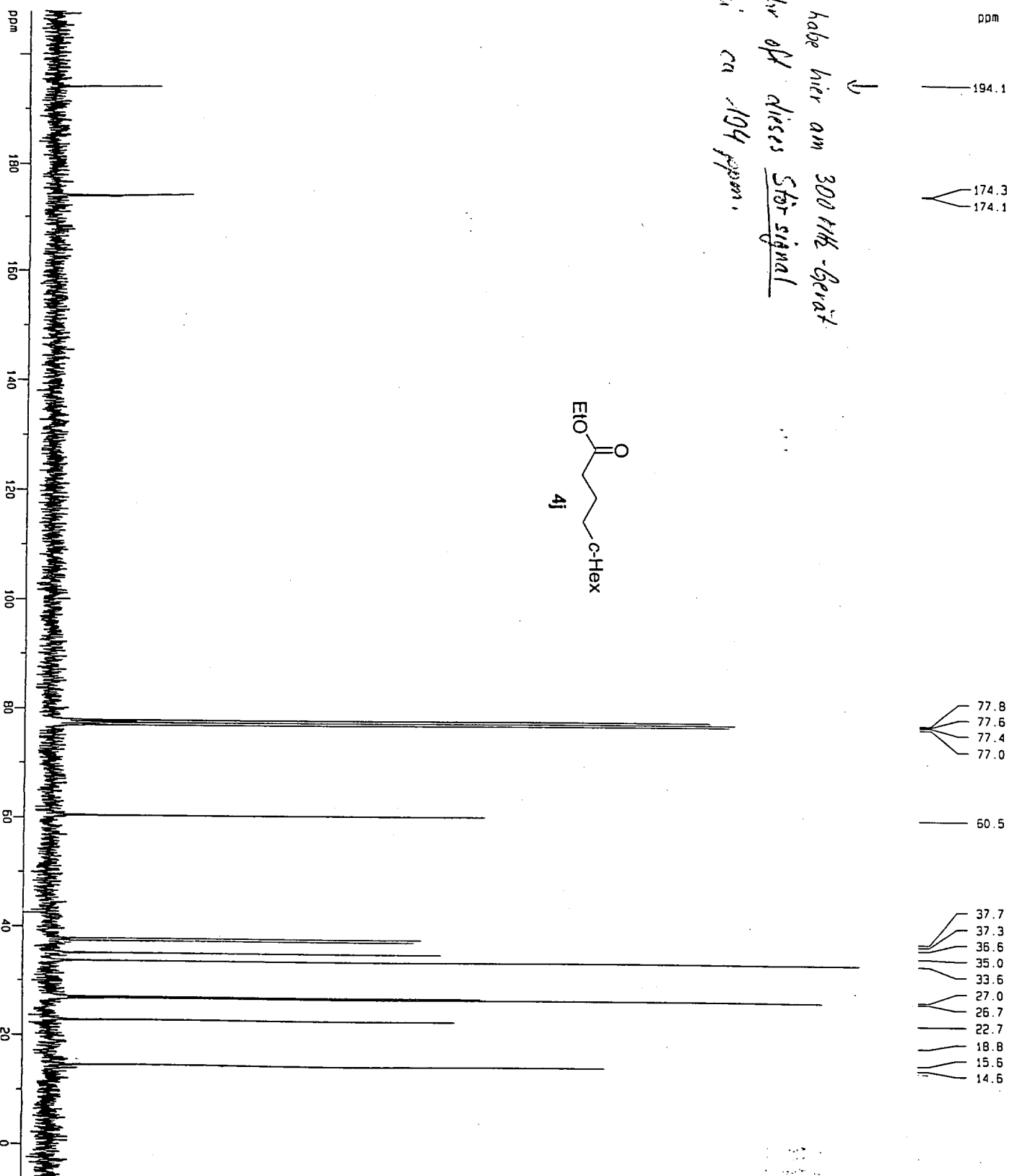
SF	32768
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	4.00

1D NMR plot parameters

CX	21.50 cm
F1P	7.813 ppm
F1	2344.91 Hz
F2P	-0.429 ppm
F2	-128.66 Hz
PPMCM	0.38333 ppm/cm
HZCM	115.05001 Hz/cm

Arbeitskreis Knochen
User Jensen
Bruker ARX 300
D1H_32 CDCl3 u Jens 30

519



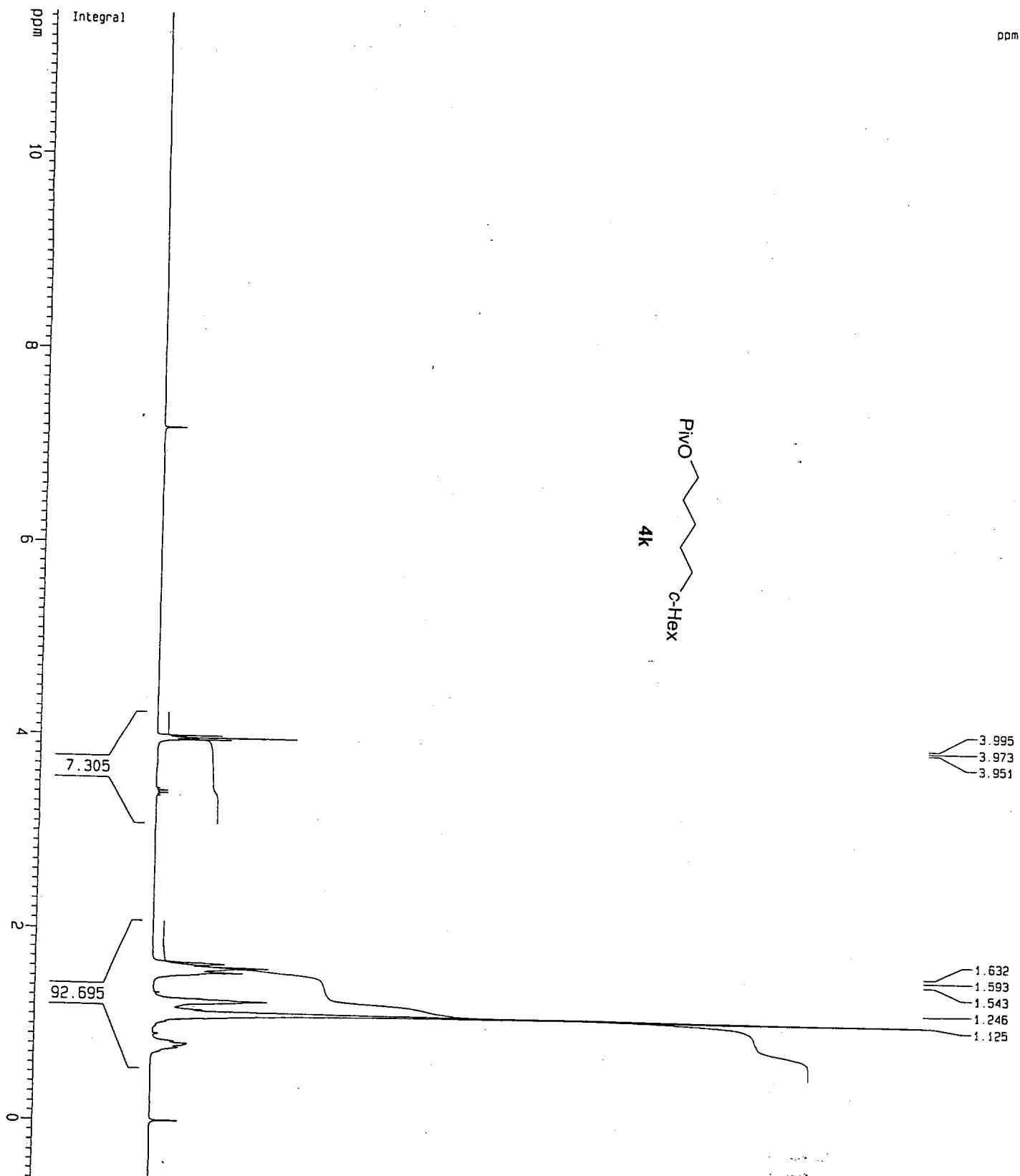
Arbeitskreis Knochel
User Jensen
Bruker ARX 300
013C_256 CDCl3 u Jens 3

Current Data Parameters
USER Jens
NAME ae1550
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 991026
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 256
DS 2
SWH 19230.770 Hz
FIDRES 0.293438 Hz
AQ 1.7039860 sec
RG 32768
DM 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.00002000 sec
DL6 22.00 dB
D1 1.50000000 sec
COPPRG wait216
P31 95.00 usec
D11 0.03000000 sec
DL5 20.00 dB
P1 6.20 usec
SF01 75.4762456 MHz
NUCLEUS 13C

F2 - Processing parameters
SI 65536
SF 75.4677190 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

10 NMR plot parameters
CX 21.50 cm
F1P 207.808 ppm
F1 15682.80 Hz
F2P -6.395 ppm
F2 -482.61 Hz
PPMCK 9.96293 ppm/cm
HZCK 751.87970 Hz/cm



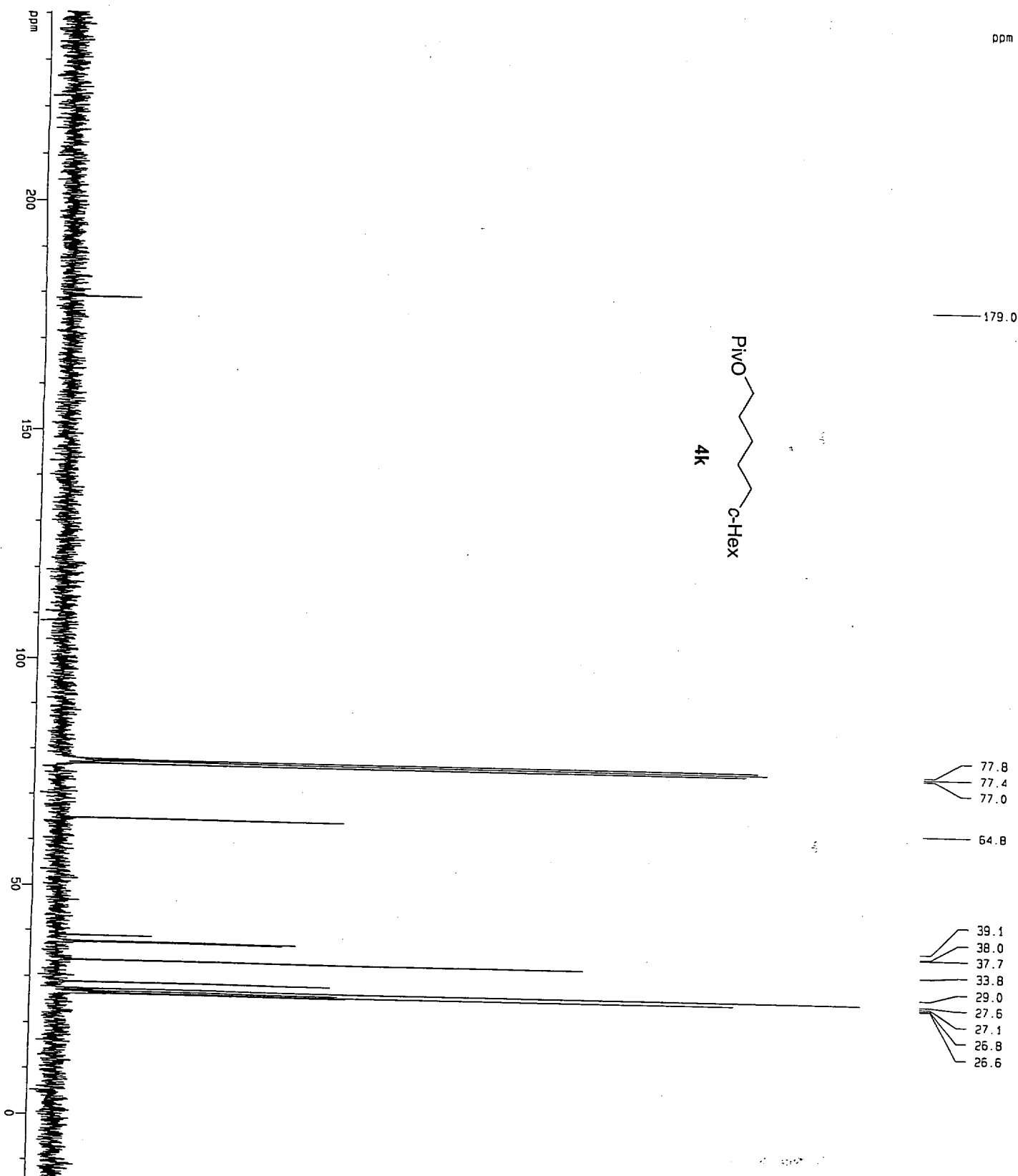
Current Data Parameters
 USER Jens
 NAME ae1564
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20010530
 Time 20.49
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zg30
 TD 16384
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 3623.189 Hz
 FIDRES 0.221142 Hz
 AQ 2.2610421 sec
 RG 256
 DW 138.000 usec
 DE 172.50 usec
 TE 290.0 K
 D1 2.00000000 sec
 P1 11.00 usec
 SF01 300.131507 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 32768
 SF 300.1300257 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 4.00

1D NMR plot parameters
 CX 21.50 cm
 F1P 11.450 ppm
 F1 3436.55 Hz
 F2P -0.622 ppm
 F2 -186.64 Hz
 PPMCH 0.56149 ppm/cm
 HZCM 186.52040 Hz/cm

Arbeitskreis Knochen
 User Jensen
 Bruker ARX 300



Arbeitskreis Knoche]
User Jensen
Bruker AX 300

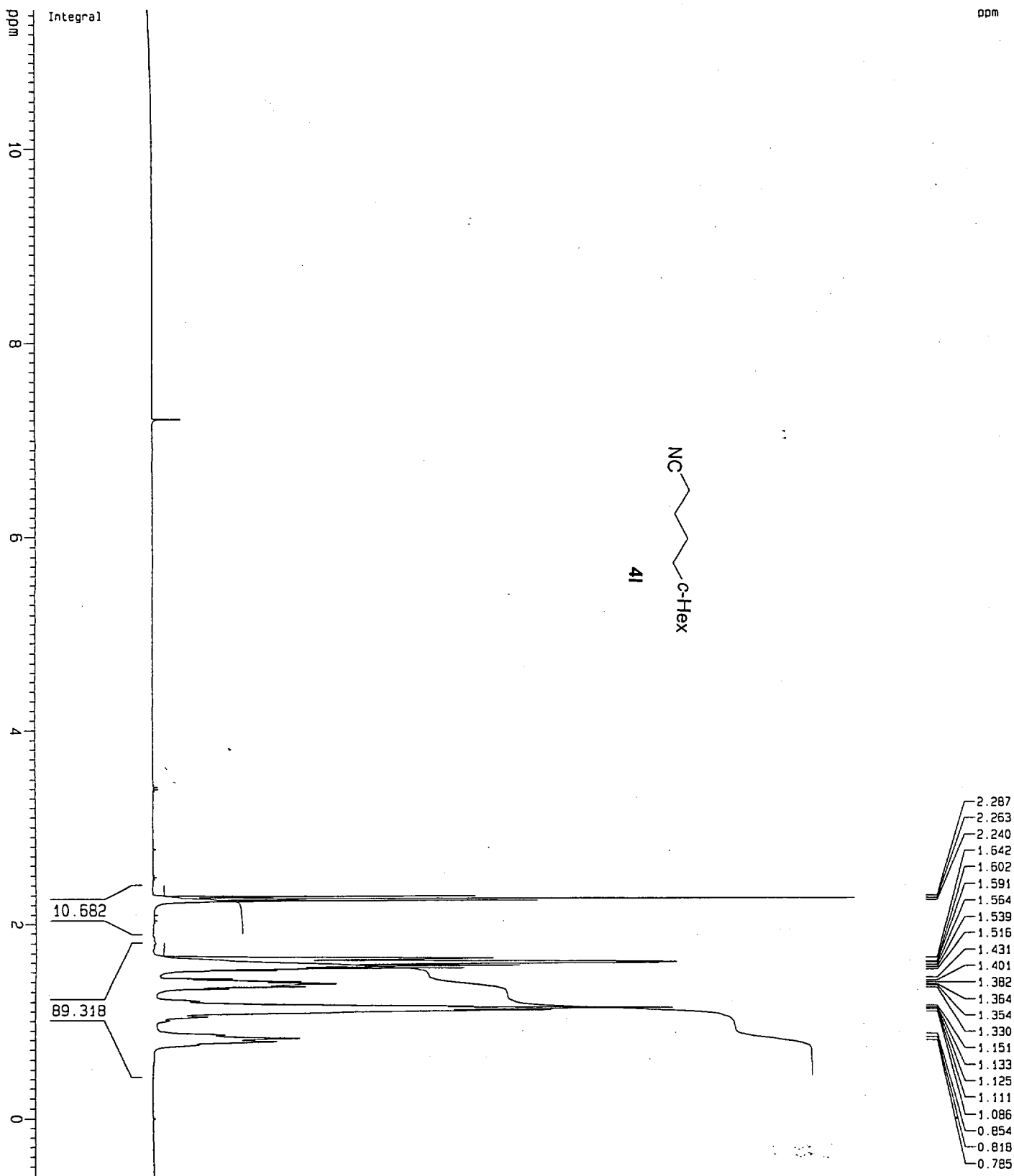
Current Data Parameters
USER Jens
NAME aej564
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters

Date_ 20010530
Time 21.04
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl₃
NS 256
DS 2
SWH 19230.770 Hz
FIDRES 0.293438 Hz
AQ 1.7039860 sec
RG 16384
DM 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.00002000 sec
DL6 23.00 dB
D1 1.50000000 sec
CPDPRG waitz16
P31 110.00 usec
D11 0.03000000 sec
DL5 20.00 dB
P1 6.20 usec
SF01 75.4762456 MHz
NUCLEUS ¹³C

F2 - Processing parameters
SI 65536
SF 75.467190 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 21.50 cm
F1P 240.379 ppm
F1 18140.87 Hz
F2P -14.442 ppm
F2 -1089.90 Hz
PPMCM 11.85214 ppm/cm
HZCM 894.45435 Hz/cm



Arbeitskreis Knochen
User: Jensen
Bruker ARX 300

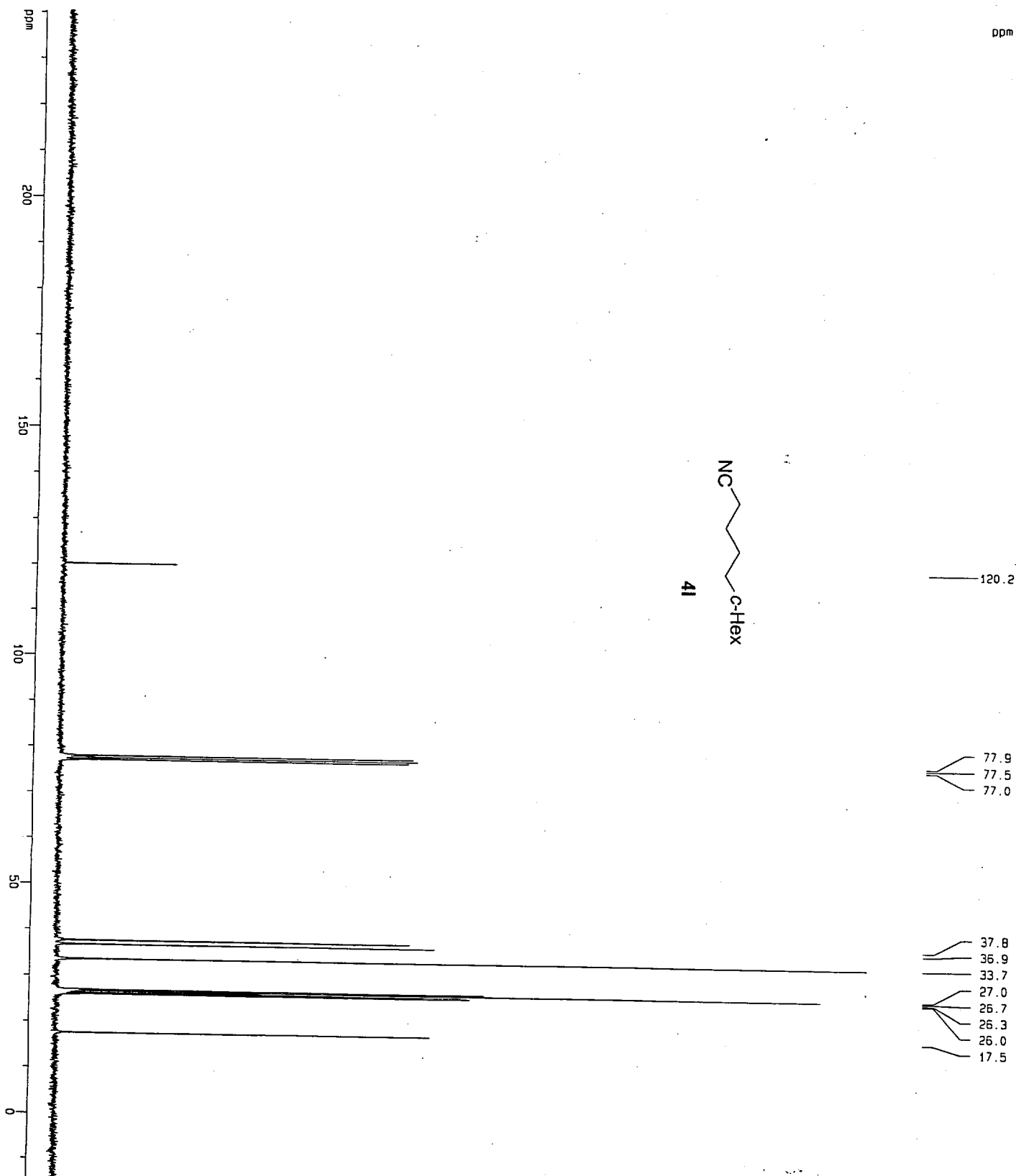
Current Data Parameters
USER jens
NAME aej610
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010523
Time 17.02
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 16384
SOLVENT CDCl3
NS 64
DS 2
SWH 3623.188 Hz
FIDRES 0.221142 Hz
AQ 2.2610421 sec
RG 50
DM 138.000 usec
DE 172.50 usec
TE 290.0 K
D1 2.00000000 sec
P1 11.00 usec
SF01 300.131507 MHz
NUCLEUS 1H

F2 - Processing parameters
SI 32768
SF 300.1300216 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 4.00

1D NMR plot parameters
CX 21.50 cm
F1P 11.464 ppm
F1 3440.71 Hz
F2P -0.608 ppm
F2 -182.48 Hz
PPMCH 0.56149 ppm/cm
HZCM 168.52040 Hz/cm

ppm



Arbeitskreis Knochel
User: Jensen
Bruker ARX 300

S

Current Data Parameters

USER Jens
NAME ae1610
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters

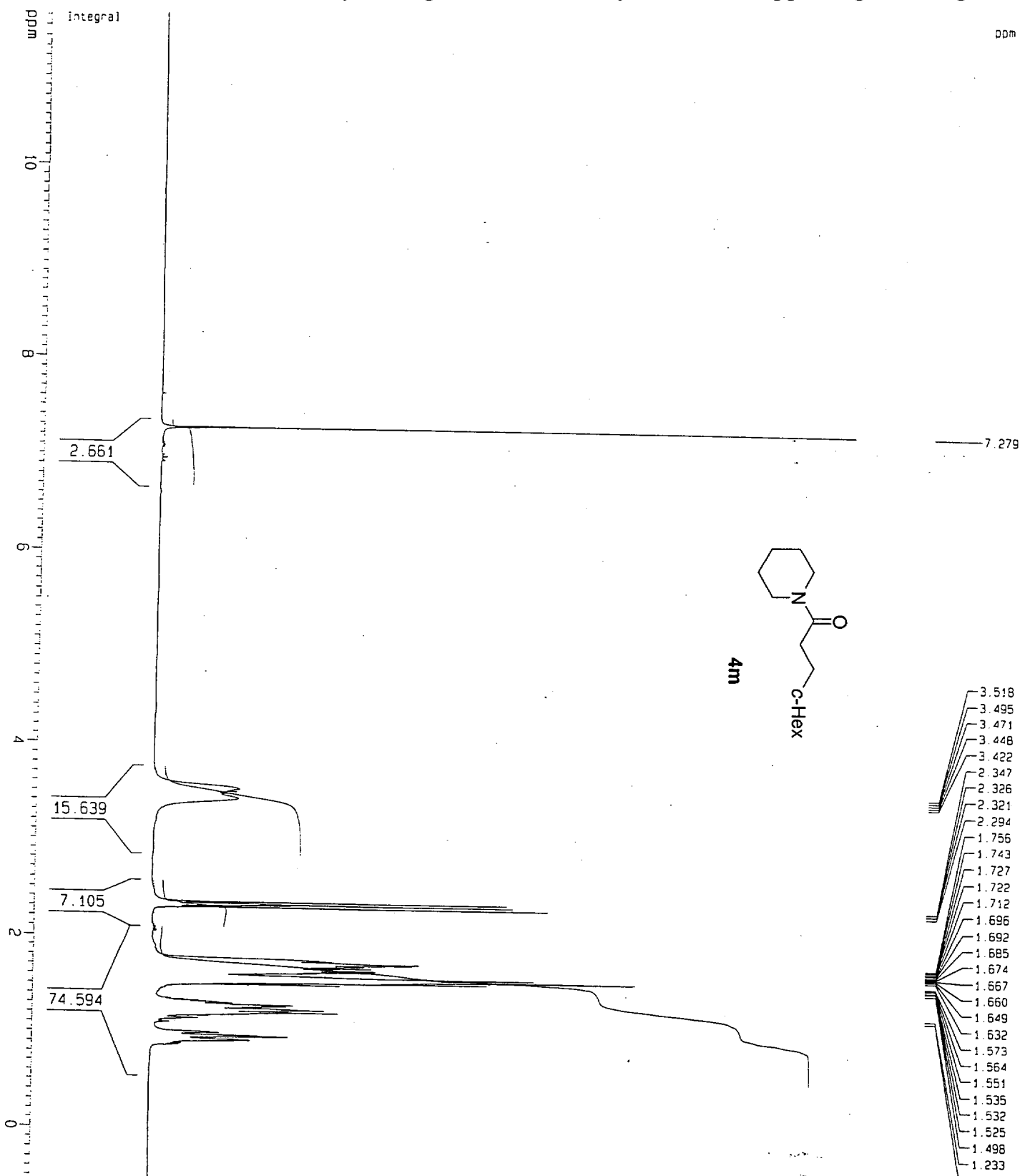
Date_ 20010523
Time 17.30
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 2
SWH 19230.770 Hz
FIDRES 0.293438 Hz
AQ 1.7039860 sec
RG 16384
DW 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.00002000 sec
D1 1.50000000 sec
CPDPRG Waltz16
P31 110.00 usec
D11 0.03000000 sec
DL5 20.00 dB
P1 6.20 usec
SF01 75.4762456 MHz
NUCLEUS 13C

F2 - Processing Parameters

SI 65536
SF 75.4677150 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

3D NMR plot parameters

CX 21.50 cm
F1P 240.379 ppm
F1 18140.87 Hz
F2P -14.442 ppm
F2 -1089.90 Hz
PPMCM 11.85214 ppm/cm
HZCM 894.45435 Hz/cm



Current Data Parameters

USER jens

NAME ae1552

EXPNO 1

PROCNO 1

F2 - Acquisition Parameters

Date_ 20000303

PROBHD 5 mm QNP 1H

PULPROG zg30

TD 32768

SOLVENT CDCl3

NS 64

DS 2

SWH 3623.188 Hz

FIDRES 0.110571 Hz

AQ 4.5220342 sec

RG 715

DW 138.000 usec

DE 172.50 usec

TE 290.0 K

D1 0.01000000 sec

P1 9.60 usec

SFO1 300.1316507 MHz

NUCLEUS 1H

F2 - Processing parameters

SI 32768

SF 300.1300000 MHz

WDW EM

SSB 0

LB 0.10 Hz

GB 0

PC 4.00

1D NMR plot parameters

CX 21.50 cm

F1P 11.536 ppm

F1 3462.30 Hz

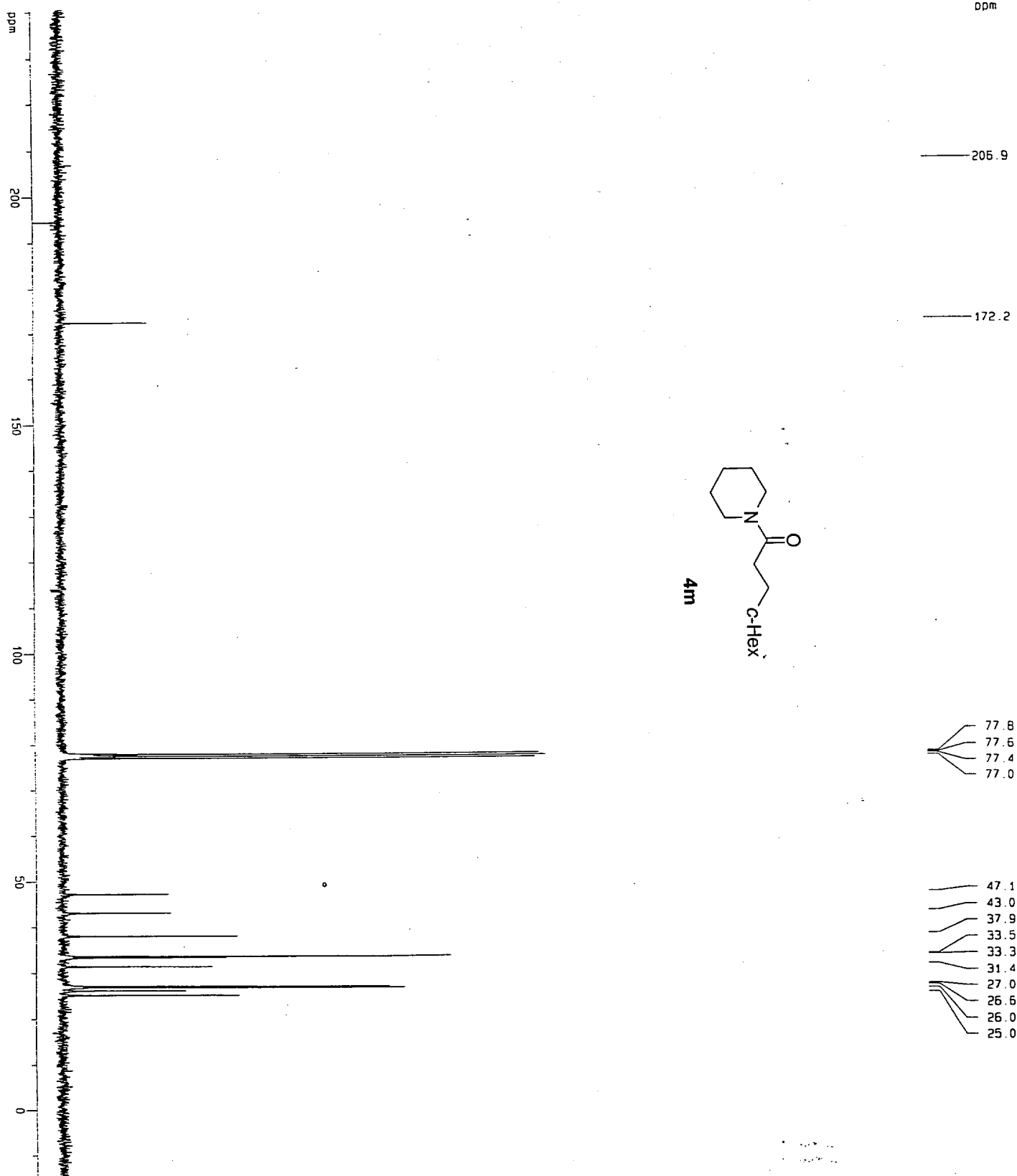
F2P -0.536 ppm

F2 -160.89 Hz

PPMCM 0.56149 ppm/cm

HZCM 168.52040 Hz/cm

Arbeitskreis Knochen
User Jensen
Bruker ARX 300



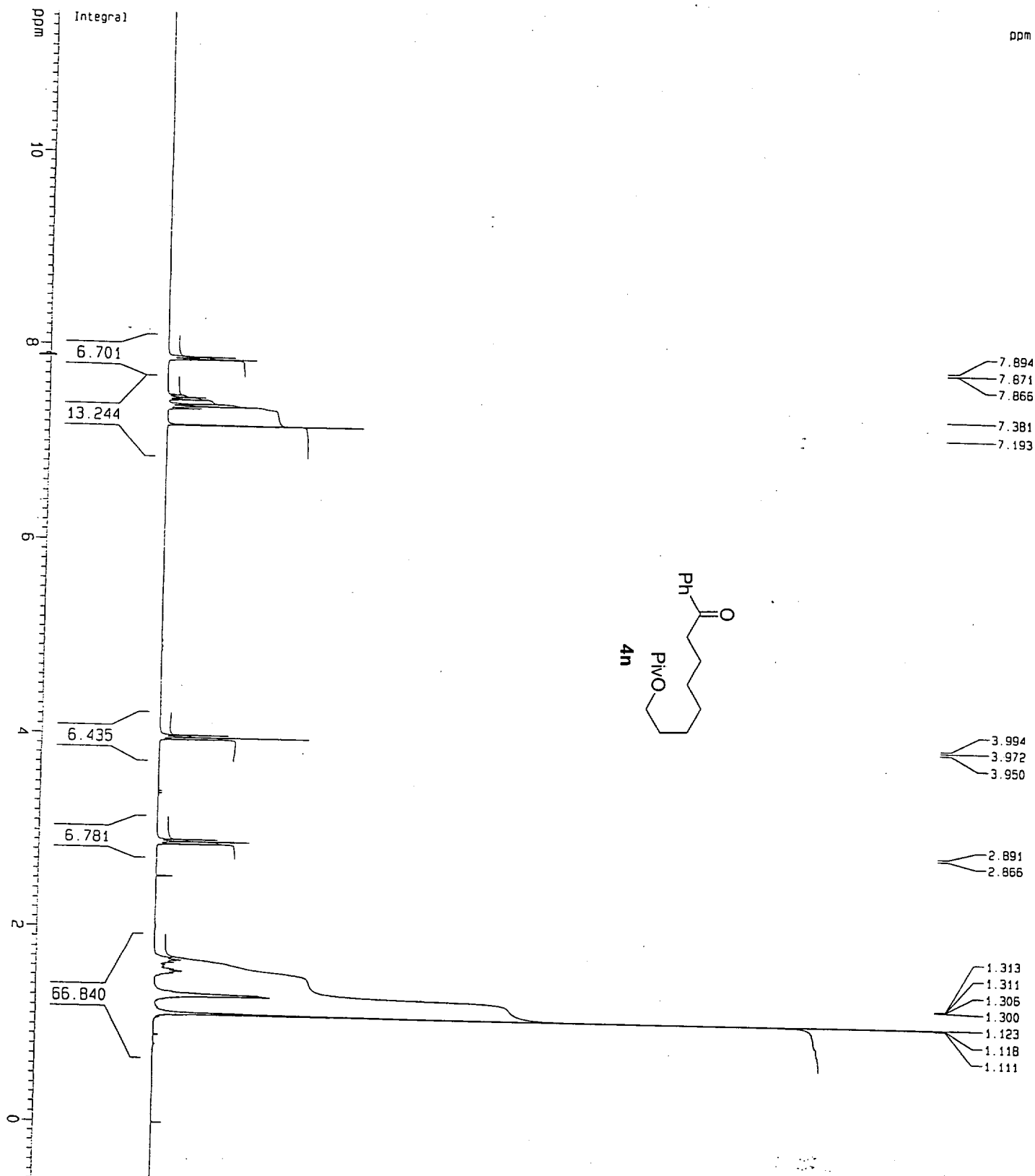
Arbeitskreis Knoche
User Jensen
Bruker ARX 300

Current Data Parameters
USER Jens
NAME ae1552
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20000303
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 8
SWH 19230.770 Hz
FIDRES 0.29348 Hz
AQ 1.7039860 sec
RG 32768
DM 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.00002000 sec
DL6 12.00 dB
D1 1.50000000 sec
CPDPRG waitz16
P31 110.00 usec
D11 0.03000000 sec
DL5 12.00 dB
P1 6.20 usec
SF01 75.4762456 MHz
NUCLEUS 13C

F2 - Processing parameters
SI 65536
SF 75.4677190 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

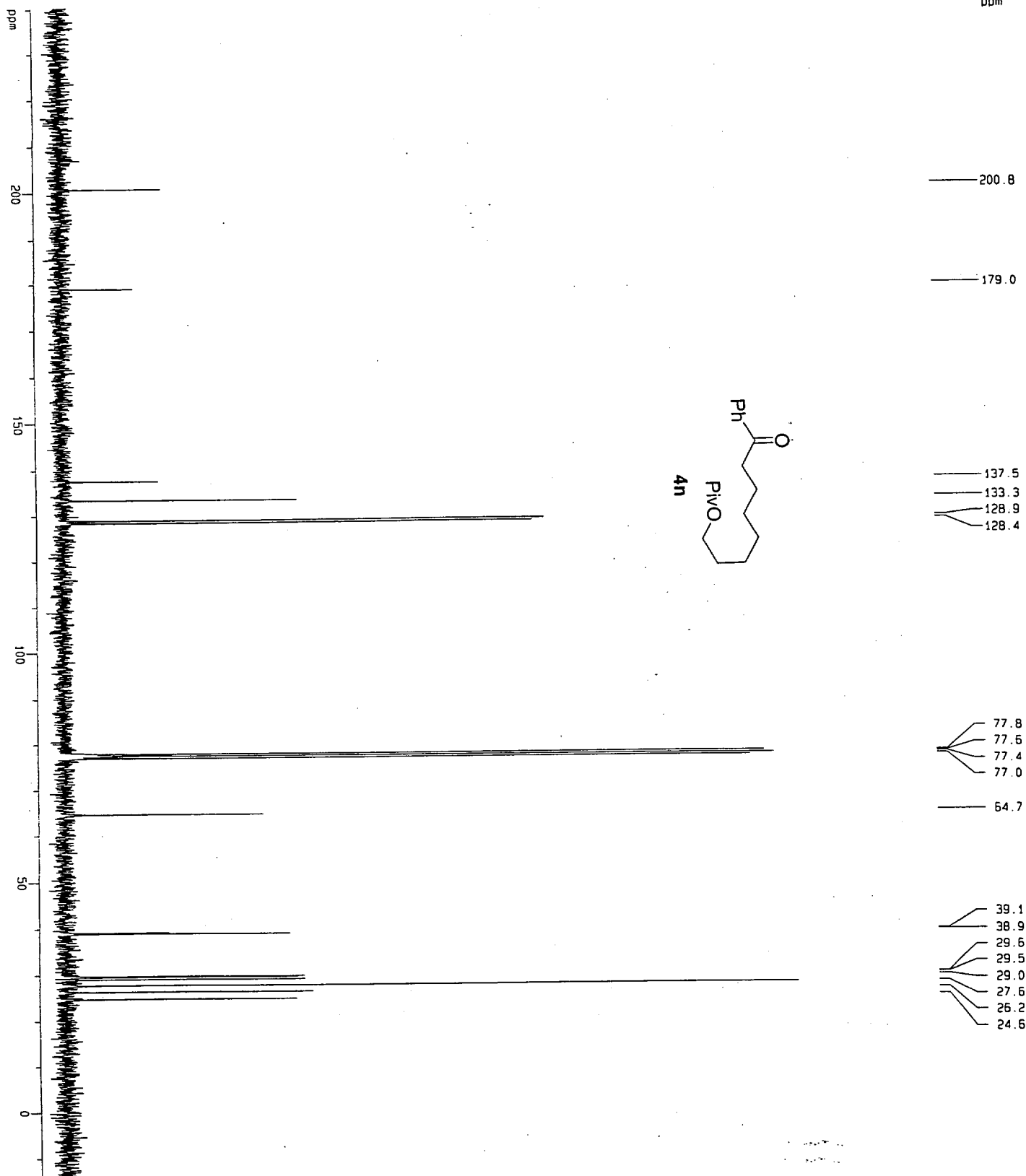
1D NMR plot parameters
CX 21.50 cm
F1P 240.379 ppm
F1 18140.87 Hz
F2P -14.442 ppm
F2 -1089.90 Hz
PPMCM 11.85215 ppm/cm
HZCM 894.45441 Hz/cm



Arbeitskreis Knochel
User Jensen
Bruker ARX 300

Current Data Parameters	
USER	jens
NAME	ae1716
EXPNO	1
PROCNO	1
F2 - Acquisition Parameters	
Date_	20000309
PROBHD	5 mm QNP 1H
PULPROG	zg30
TO	32768
SOLVENT	CDCl3
NS	64
DS	2
SWH	3623.188 Hz
FIDRES	0.110571 Hz
AQ	4.5220342 sec
RG	512
DM	138.000 usec
DE	172.50 usec
TE	290.0 K
D1	0.01000000 sec
P1	9.60 usec
SFO1	300.1316507 MHz
NUC1EUS	1H
F2 - Processing parameters	
SF	32768
SI	300.1300264 MHz
WDW	EM
SSB	0
LB	0.10 Hz
GB	0
PC	4.00
10 MHz plot parameters	
CX	21.50 cm
F1P	11.448 ppm
F1	3435.88 Hz
F2P	-0.624 ppm
F2	-187.31 Hz
PPMCH	0.56149 ppm/cm
HZCM	168.552040 Hz/cm

ppm



Arbeitskreis Knoche
User: Jensen
Bruker ARX 300

S2

Current Data Parameters
USER: Jens
NAME: ae1716
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters

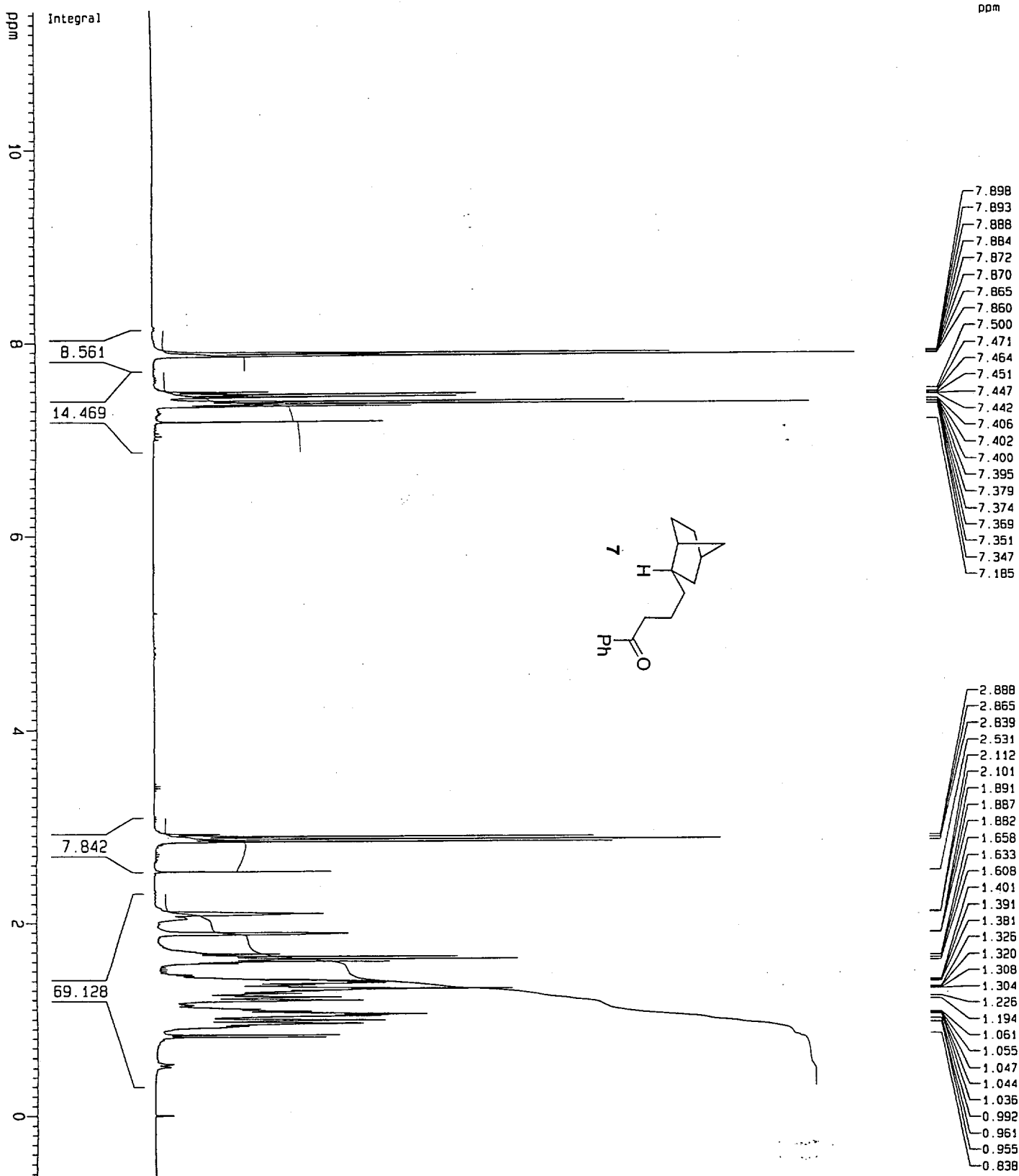
Date_: 20000309
PROBHD: 5 mm QNP 1H
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 368
DS: 8
SWH: 19230.770 Hz
FIDRES: 0.293438 Hz
AQ: 1.7039860 sec
RG: 32768
DM: 26.000 usec
DE: 32.50 usec
TE: 300.0 K
D12: 0.0002000 sec
DL6: 12.00 dB
D1: 1.50000000 sec
CPDPRG: waitz16
P31: 110.00 usec
D11: 0.03000000 sec
DL5: 12.00 dB
P1: 6.20 usec
SFO1: 75.4762456 MHz
NUCLEUS: 13C

F2 - Processing parameters

SI: 65536
SF: 75.4677190 MHz
WDW: EM
SSB: 0
LB: 2.00 Hz
GB: 0
PC: 1.00

1D NMR plot parameters

CX: 21.50 cm
F1P: 240.379 ppm
F1: 18140.87 Hz
F2P: -14.442 ppm
F2: -1089.90 Hz
PPMCM: 11.85215 ppm/cm
HZCM: 694.45441 Hz/cm



Current Data Parameters

USER Jens

NAME ae1866

EXPNO 1

PROCNO 1

F2 - Acquisition Parameters

Date_ 20000823

Time 18.51

INSTRUM spect

PROBHD 5 mm QNP 1H

PULPROG zg30

TD 16384

SOLVENT CDCl3

NS 64

DS 2

SWH 3623.188 Hz

FIDRES 0.22142 Hz

AQ 2.2610421 sec

RG 256

DM 138.000 usec

DE 172.50 usec

TE 290.0 K

D1 2.00000000 sec

P1 10.20 usec

SFO1 300.1316507 MHz

NUCLEUS 1H

F2 - Processing parameters

SI 32768

SF 300.1300291 MHz

WDW EM

SSB 0

LB 0.10 Hz

GB 0

PC 4.00

1D NMR plot parameters

CX 21.50 cm

F1P 11.439 ppm

F1 3433.24 Hz

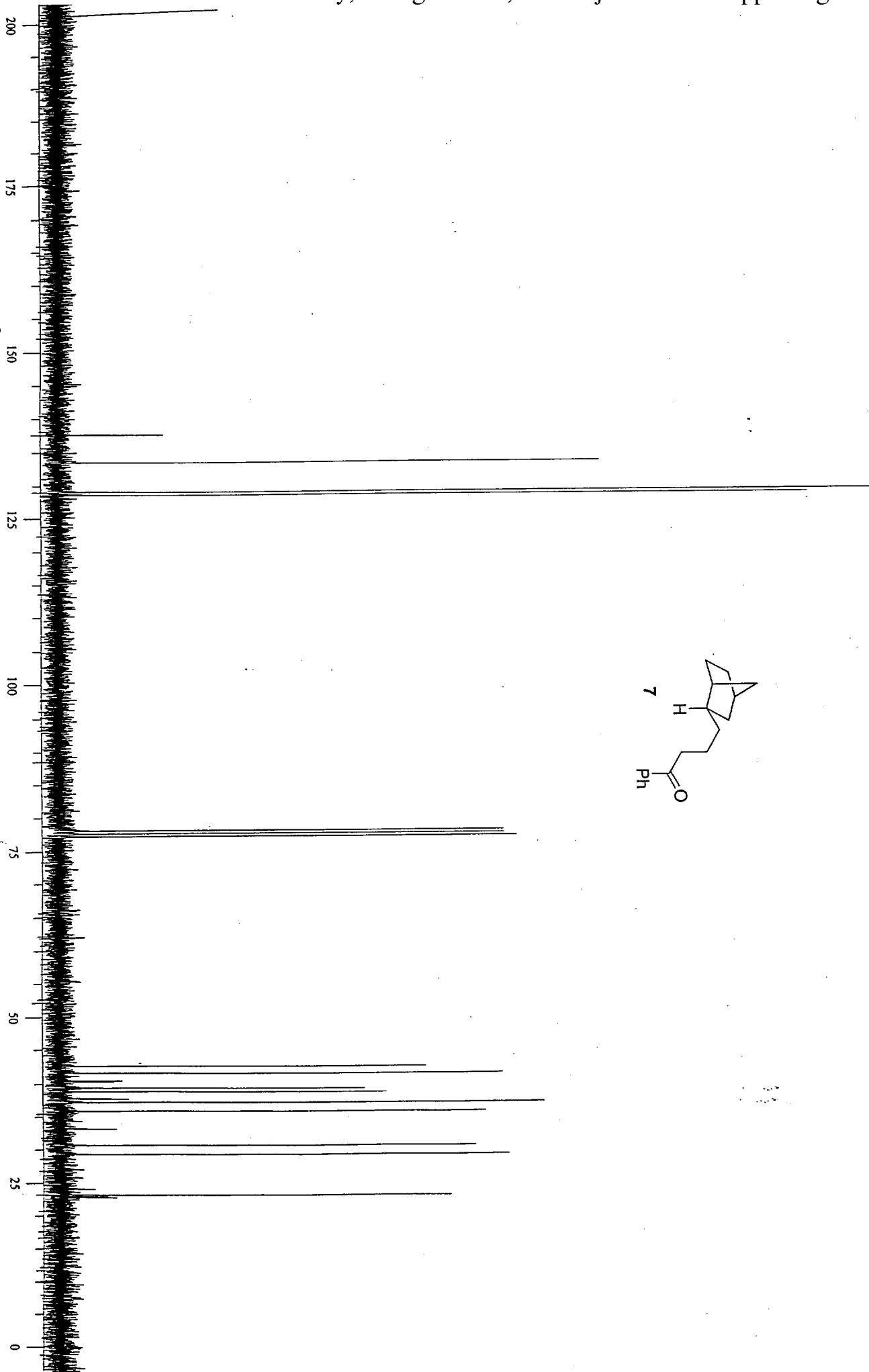
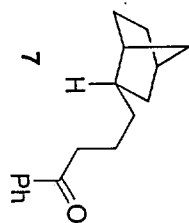
F2P -0.633 ppm

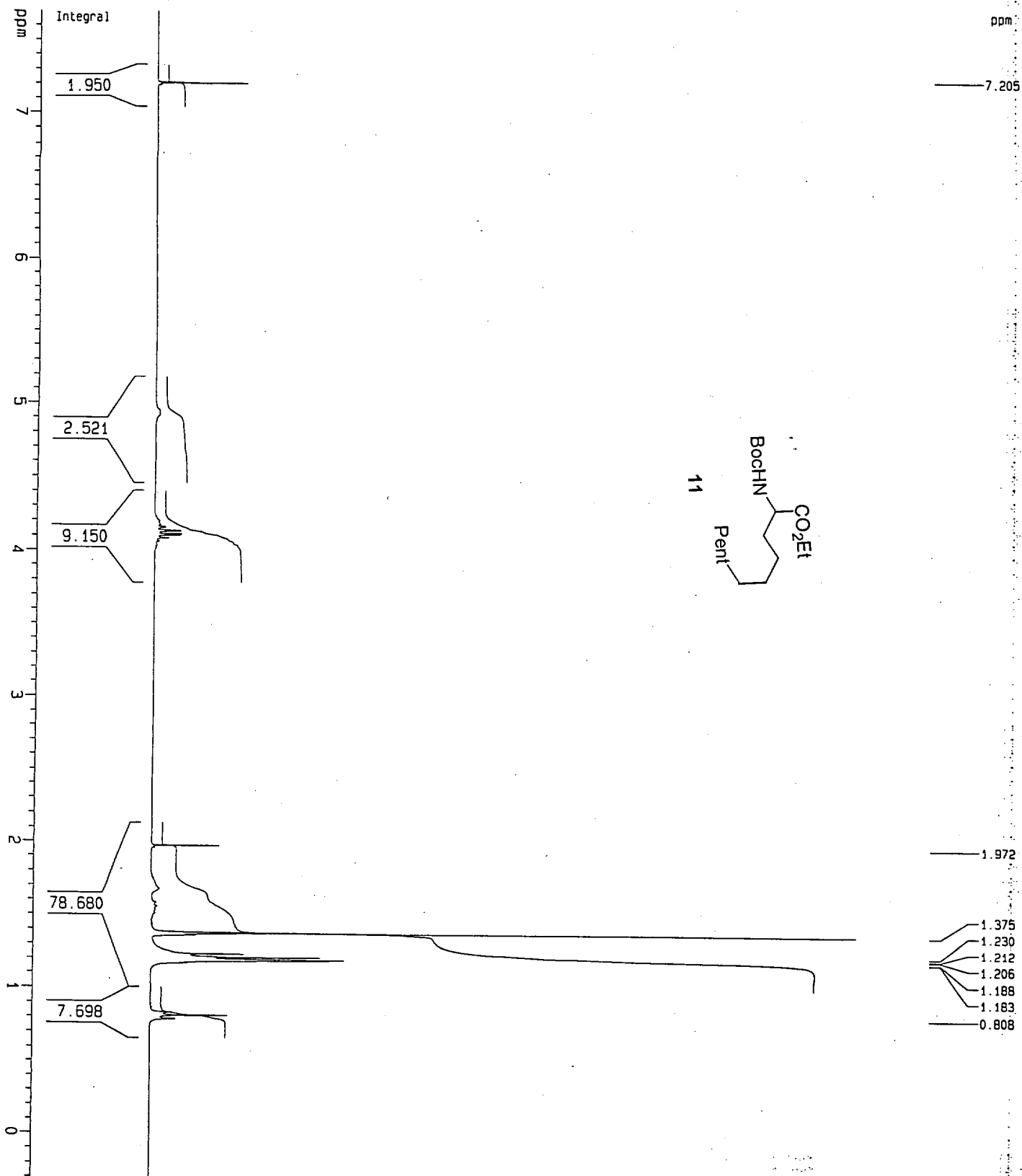
F2 -189.94 Hz

PPMCM 0.56149 ppm/cm

HZCM 168.52040 Hz/cm

Arbeitskreis Knochen
User Jensen
Bruker ARX 300





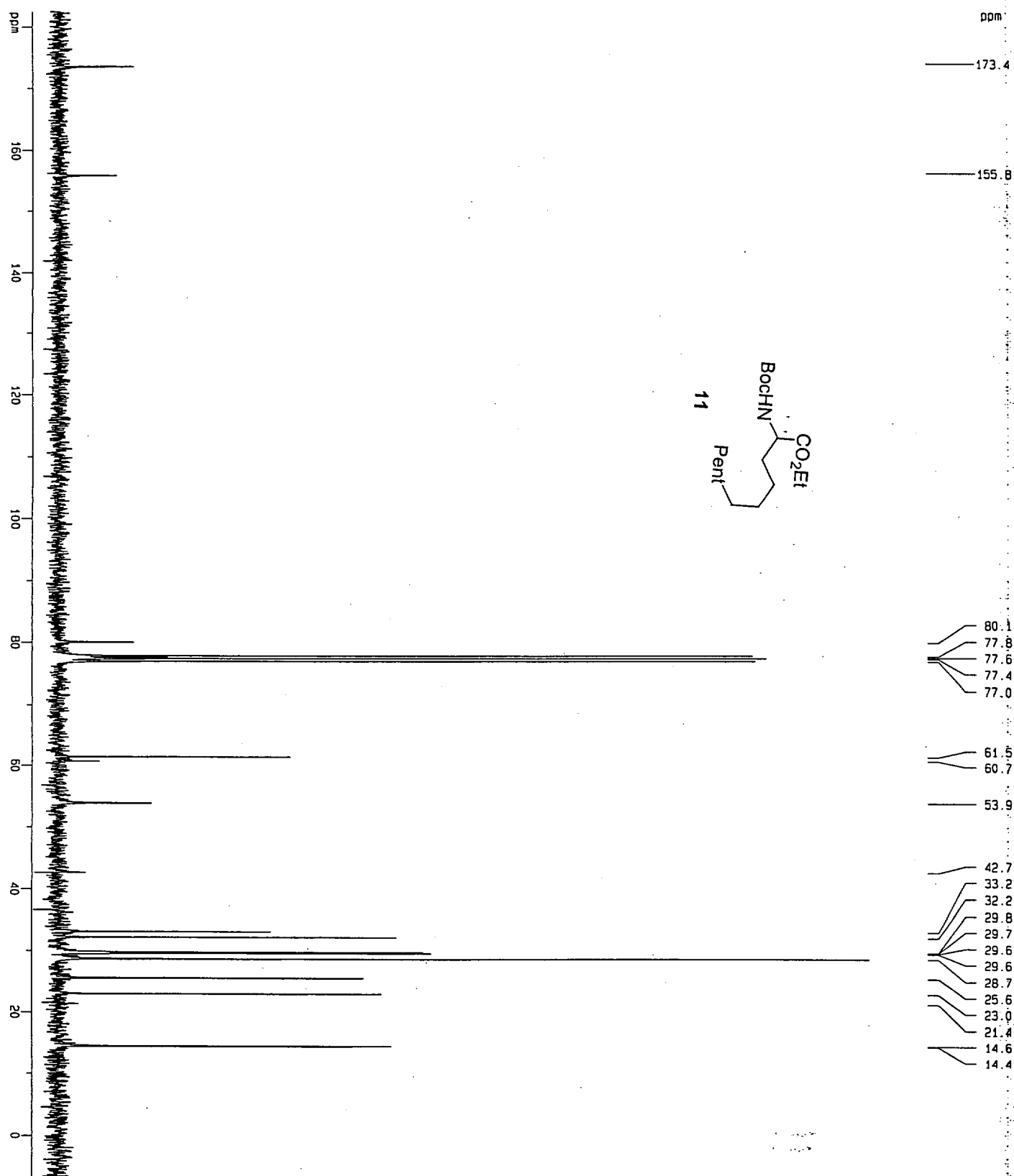
Current Data Parameters
 USER jens
 NAME aej462
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 990914
 PROBD 5 mm QNP 1H
 PULPROG zg30
 TO 32768
 SOLVENT CDCl3
 NS 64
 DS 2
 SWH 3623.188 Hz
 FIDRES 0.110571 Hz
 AQ 4.5220342 sec
 RG 360
 DW 138.000 usec
 DE 172.50 usec
 TE 290.0 K
 D1 0.01000000 sec
 P1 9.70 usec
 SFO1 300.1316507 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 32768
 SF 300.1300232 MHz
 WDW EM
 SSB 0
 LB 0.10 Hz
 GB 0
 PC 4.00

1D NMR plot parameters
 CX 21.50 cm
 F1P 7.697 ppm
 F1 2310.04 Hz
 F2P -0.329 ppm
 F2 -98.73 Hz
 PPMCK 0.37329 ppm/cm
 HZCM 112.03573 Hz/cm

Arbeitskreis Knoche
 User Jensen
 Bruker ARX 300
 D1H_64 CDCl3 u jens 50



Arbeitskreis Knochenl

User: Jensen
Bruker ARX 300

013C_512 CDCl3 u Jens 5

Current Data Parameters

USER Jens
NAME ae1462
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters

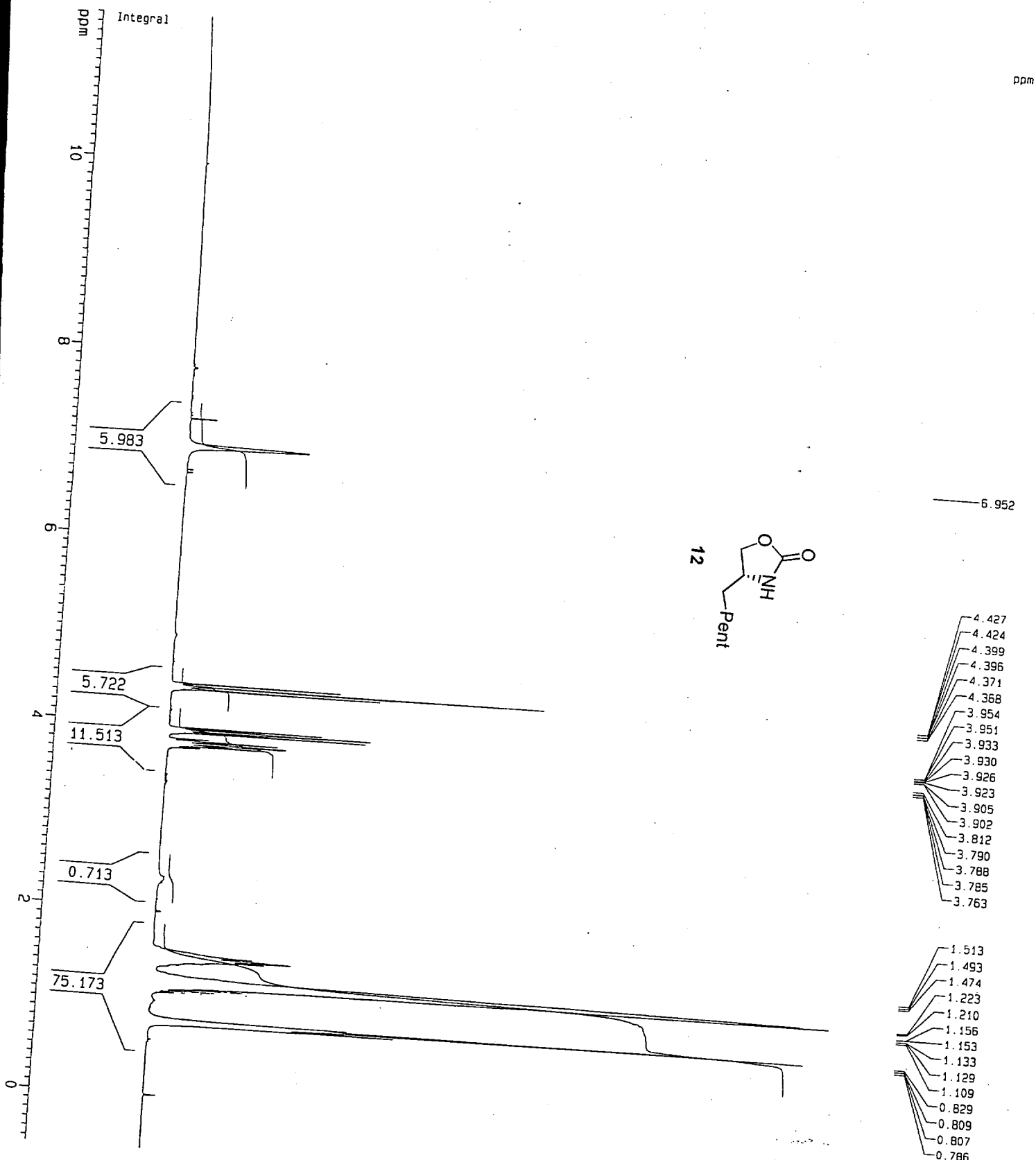
Date_ 990914
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 2
SWH 19230.770 Hz
FIDRES 0.293438 Hz
AQ 1.7039860 sec
RG 32768
DM 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.00002000 sec
DL6 22.00 dB
D1 1.50000000 sec
CPDPRG waltz16
P31 95.00 usec
D11 0.03000000 sec
DL5 20.00 dB
P1 6.20 usec
SF01 75.4762456 MHz
NUCLEUS 13C

F2 - Processing Parameters

SF 65536
SF 75.4677190 MHz
MDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 21.50 cm
F1P 182.386 ppm
F1 13764.24 Hz
F2P -6.789 ppm
F2 -512.33 Hz
PPMCH 8.79682 ppm/cm
HZCH 654.02679 Hz/cm



Arbeitskreis
User Jensen
Bruker ARX 300

Current Data Parameters

USER	jens
NAME	ae1932
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

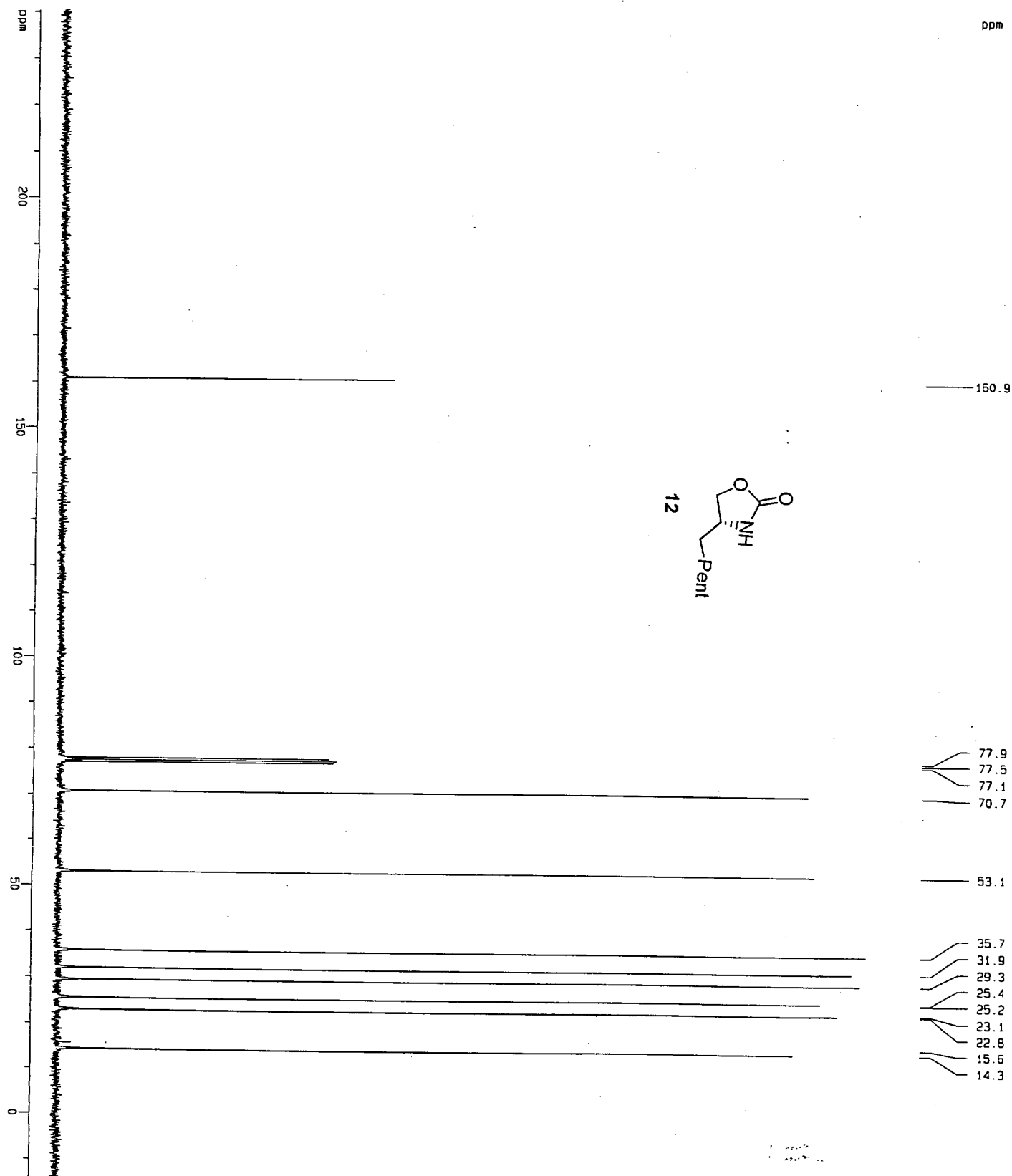
Date_	20010522
Time	21.32
INSTRUM	spect
PROBHD	5 mm QNP 1H
PULPROG	zg30
TO	16384
SOLVENT	CDCl3
NS	64
DS	2
SMH	3623.188 Hz
FIDRES	0.221142 Hz
AQ	2.2610421 sec
RG	64
DW	138.000 usec
DE	172.50 usec
TE	290.0 K
D1	2.0000000 sec
P1	11.00 usec
SFO1	300.1316507 MHz
NUCLEUS	1H

F2 - Processing parameters

SI	32768
SF	300.1300095 MHz
WDW	EM
SSB	0
LB	0.10 Hz
GB	0
PC	4.00

1D NMR plot parameters

CX	21.50 cm
F1P	11.504 ppm
F1	3452.77 Hz
F2P	-0.568 ppm
F2	-170.41 Hz
PPMCH	0.56149 ppm/cm
HZCM	168.52039 Hz/cm



Arbeitskreis Knoche)
User Jensen
Bruker AX 300

Current Data Parameters
USER Jens
NAME ae1932
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010522
Time 22.00
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 2
SMH 19230.770 Hz
FIDRES 0.293438 Hz
AQ 1.7039860 sec
RG 16384
DM 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.0002000 sec
DL6 23.00 dB
D1 1.50000000 sec
CPDPRG waltz16
P31 110.00 usec
D11 0.03000000 sec
DL5 20.00 dB
P1 6.20 usec
SF01 75.4762456 MHz
NUCLEUS 13C

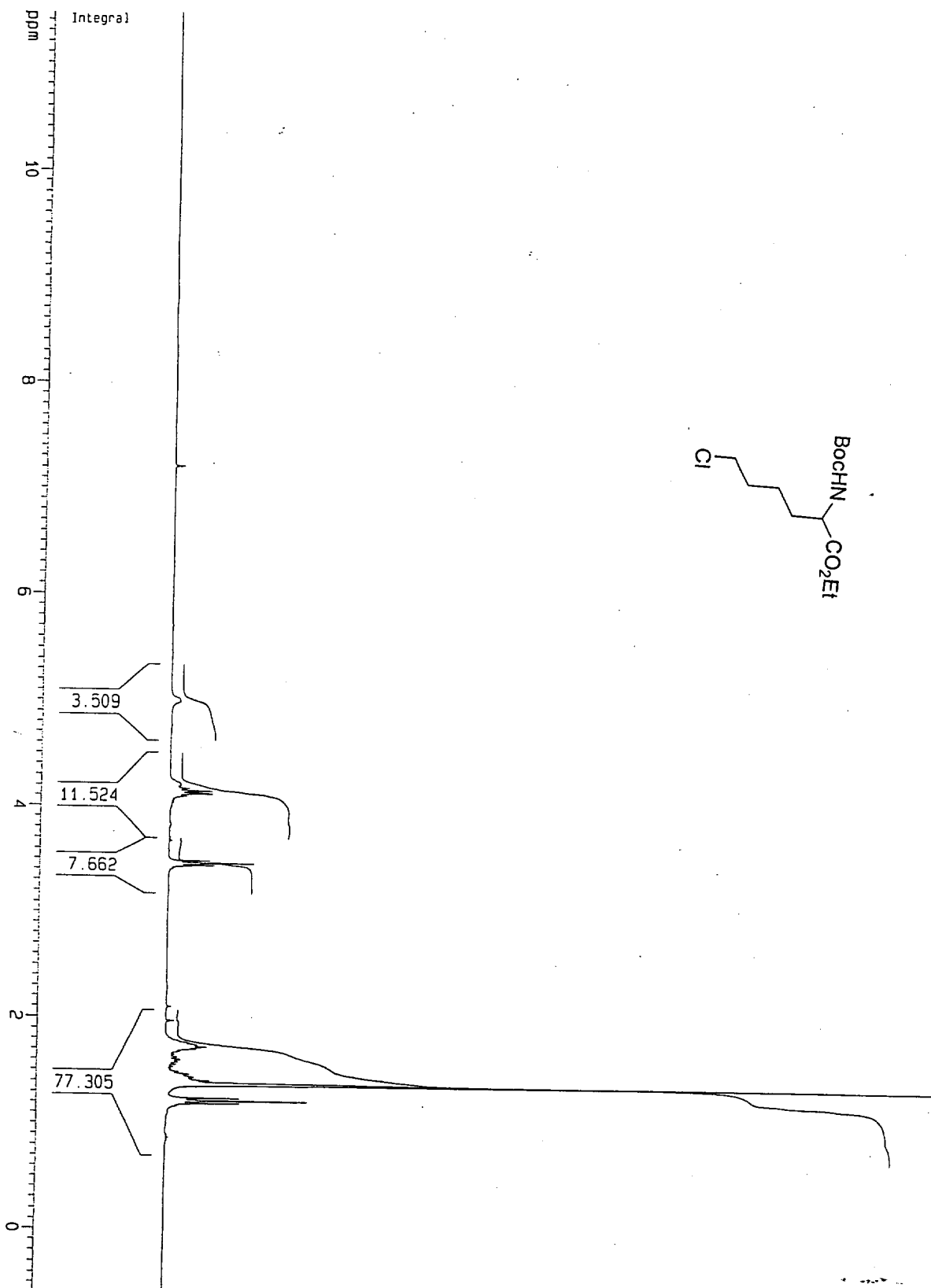
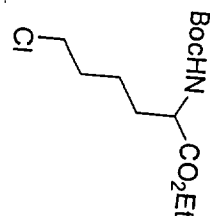
F2 - Processing parameters
SI 65536
SF 75.4677190 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

10 NMR plot parameters
CX 21.50 cm
F1P 240.379 ppm
F1 18140.87 Hz
F2P -14.442 ppm
F2 -1089.90 Hz
PPMCM 11.85214 ppm/cm
HZCM 894.45435 Hz/cm

Arbeitskreis Knoche
User: Jensen
Bruker ARX 300

1.377
1.239
1.215
1.191

3.460

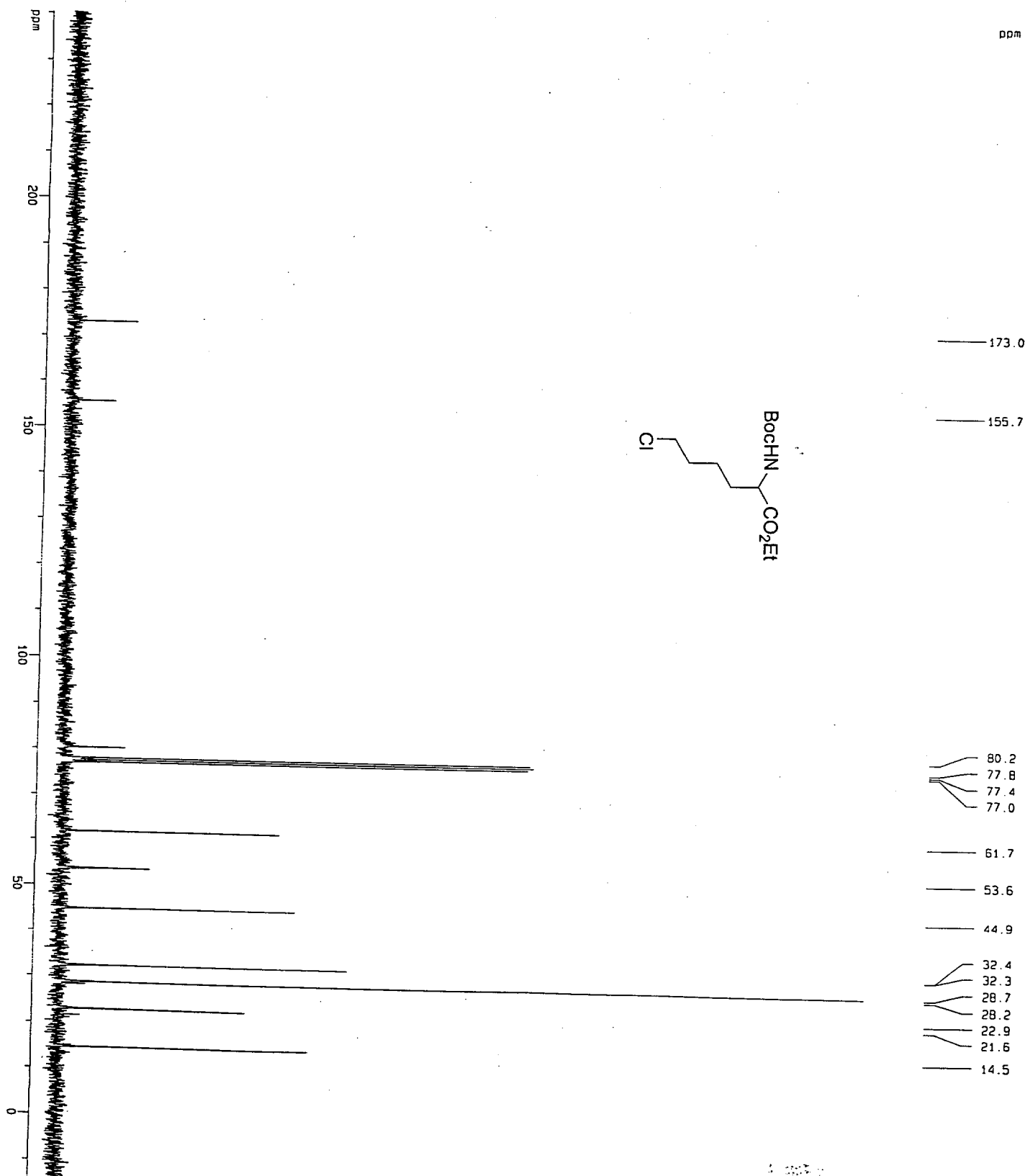


Current Data Parameters
USER Jens
NAME aeik521b
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010319
Time 8.33
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 16384
SOLVENT CDCl3
NS 32
DS 2
SWH 3623.188 Hz
FIDRES 0.221142 Hz
AQ 2.2610421 sec
RG 256
DM 138.000 usec
DE 172.50 usec
TE 290.0 K
D1 2.00000000 sec
P1 10.20 usec
SFO1 300.131507 MHz
NUCLEUS 1H

F2 - Processing Parameters
SI 32768
SF 300.1300201 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 4.00

1D NMR plot parameters
CX 21.50 cm
F1P 11.469 ppm
F1 3442.24 Hz
F2P -0.603 ppm
F2 -180.95 Hz
PPMCH 0.56149 ppm/cm
HZCH 168.58039 Hz/cm



Arbeitskreis Knochenl
User Jensen
Bruker ARX 300

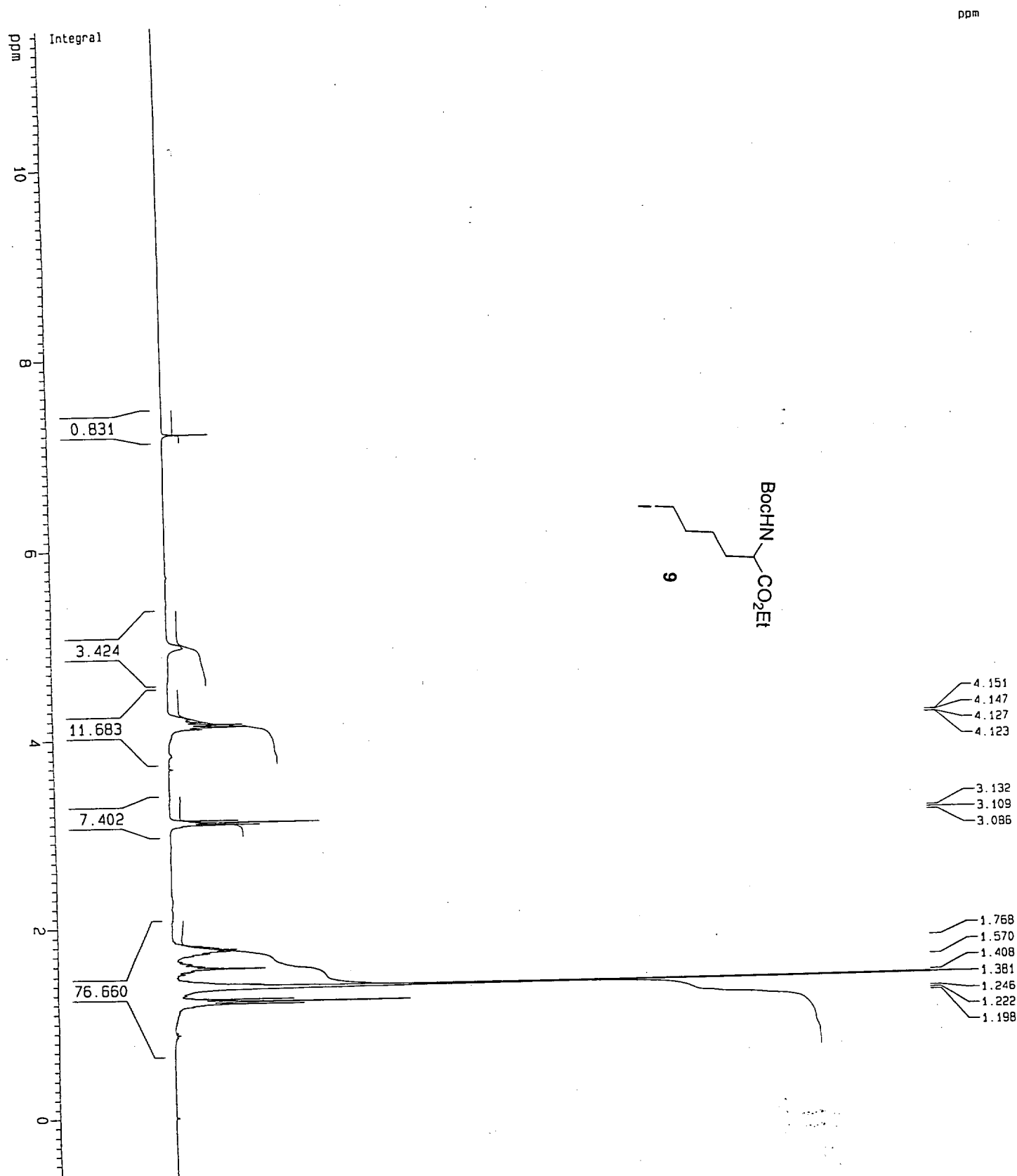
Current Data Parameters
USER jens
NAME aejs21b
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010319

Time 8.47
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl₃
NS 256
DS 2
SWH 19230.770 Hz
FIDRES 0.293438 Hz
AQ 1.7039860 sec
RG 16384
DM 26.000 usec
DE 32.50 usec
TE 300.0 K
D12 0.00002000 sec
DL6 23.00 dB
D1 1.50000000 sec
CPOPRG waltz16
P31 110.00 usec
D11 0.03000000 sec
DL5 20.00 dB
P1 6.20 usec
SF01 75.4762456 MHz
NUCLEUS 13C

F2 - Processing parameters
SI 65536
SF 75.4677190 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 21.50 cm
F1P 240.379 ppm
F1 18140.67 Hz
F2P -14.442 ppm
F2 -1089.90 Hz
PPMCH 11.85214 ppm/cm
HZCH 894.45435 Hz/cm



Arbeitskreis Knoche
User Jensen
Bruker ARX 300

Current Data Parameters
USER jens
NAME ae1342a
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010601

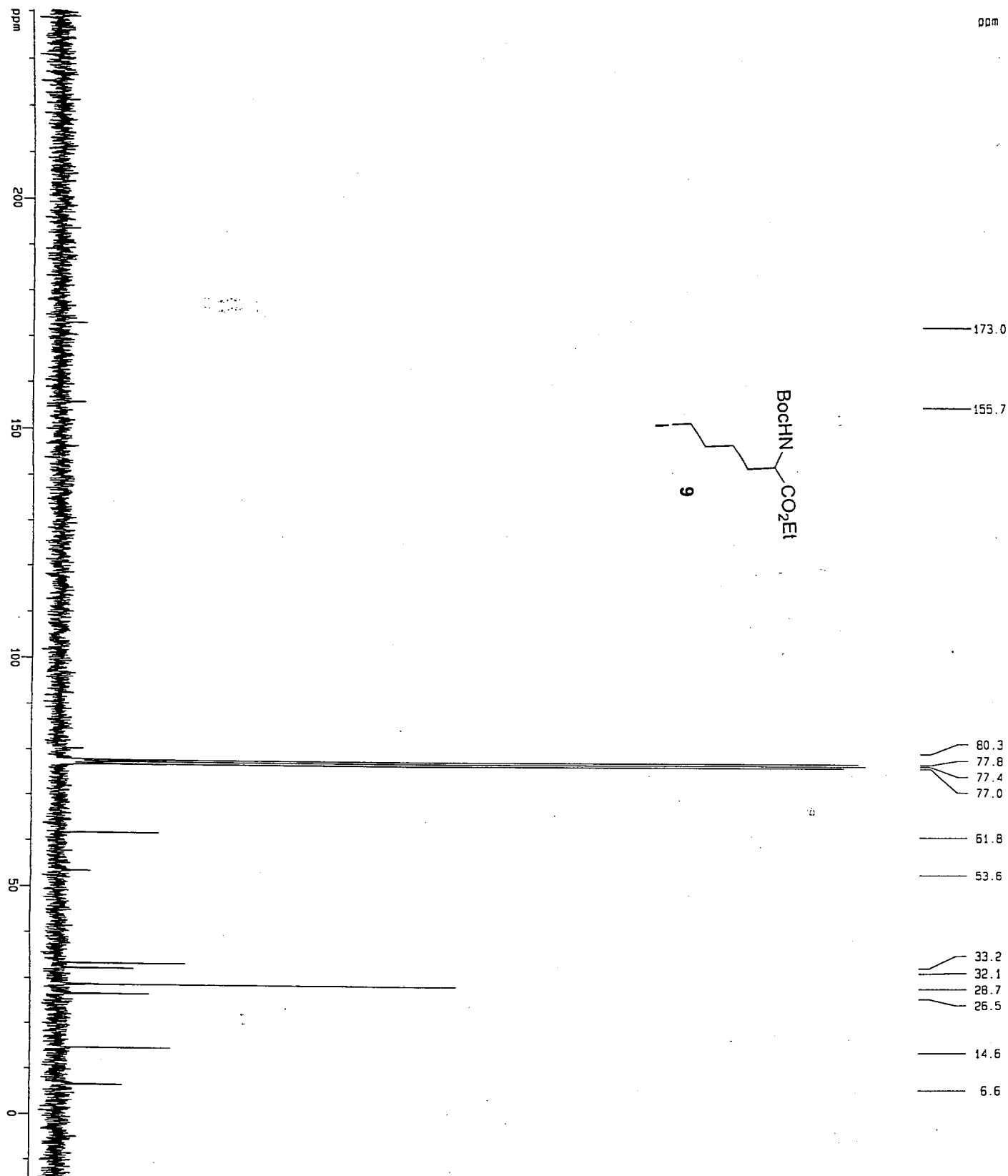
Time 22.19
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 16384
SOLVENT CDCl3
NS 32
DS 2

SWH 3623.188 Hz
FIDRES 0.22142 Hz
AQ 2.2610421 sec
RG 512

DM 138.000 usec
DE 172.50 usec
TE 290.0 K
D1 2.00000000 sec
P1 11.00 usec
SF01 300.1316507 MHz
NUCLEUS 1H

F2 - Processing parameters
SI 32768
SF 300.1300242 MHz
MDM EM
SSB 0
LB 1.00 Hz
GB 0
PC 4.00

10 NMR plot parameters
CX 21.50 cm
F1P 11.495 ppm
F1 3438.08 Hz
F2P -0.617 ppm
F2 -185.11 Hz
PPMCM 0.56149 ppm/cm
HZCM 168.52040 Hz/cm



Current Data Parameters
 USER Jens
 NAME ae1342a
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20010601
 Time 22.34
 INSTRUM spect
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 256
 DS 2
 SWH 19230.770 Hz
 FIDRES 0.293438 Hz
 AQ 1.7039860 sec
 RG 16384
 DM 26.000 usec
 DE 32.50 usec
 TE 300.0 K
 D12 0.00002000 sec
 DL6 23.00 dB
 D1 1.50000000 sec
 CPDPRG waltz16
 P31 110.00 usec
 D11 0.03000000 sec
 DL5 20.00 dB
 P1 6.20 usec
 SFO1 75.4762456 MHz
 NUCLEUS 13C

F2 - Processing parameters
 SI 65536
 SF 75.4677190 MHz
 KW EM
 SSB 0
 LB 2.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.50 cm
 FIP 240.379 ppm
 F1 18140.87 Hz
 F2P -14.442 ppm
 F2 -1089.90 Hz
 PPMCM 11.85214 ppm/cm
 HZCM 894.45435 Hz/cm

Arbeitskreis Knochen
 User Jensen
 Bruker ARX 300