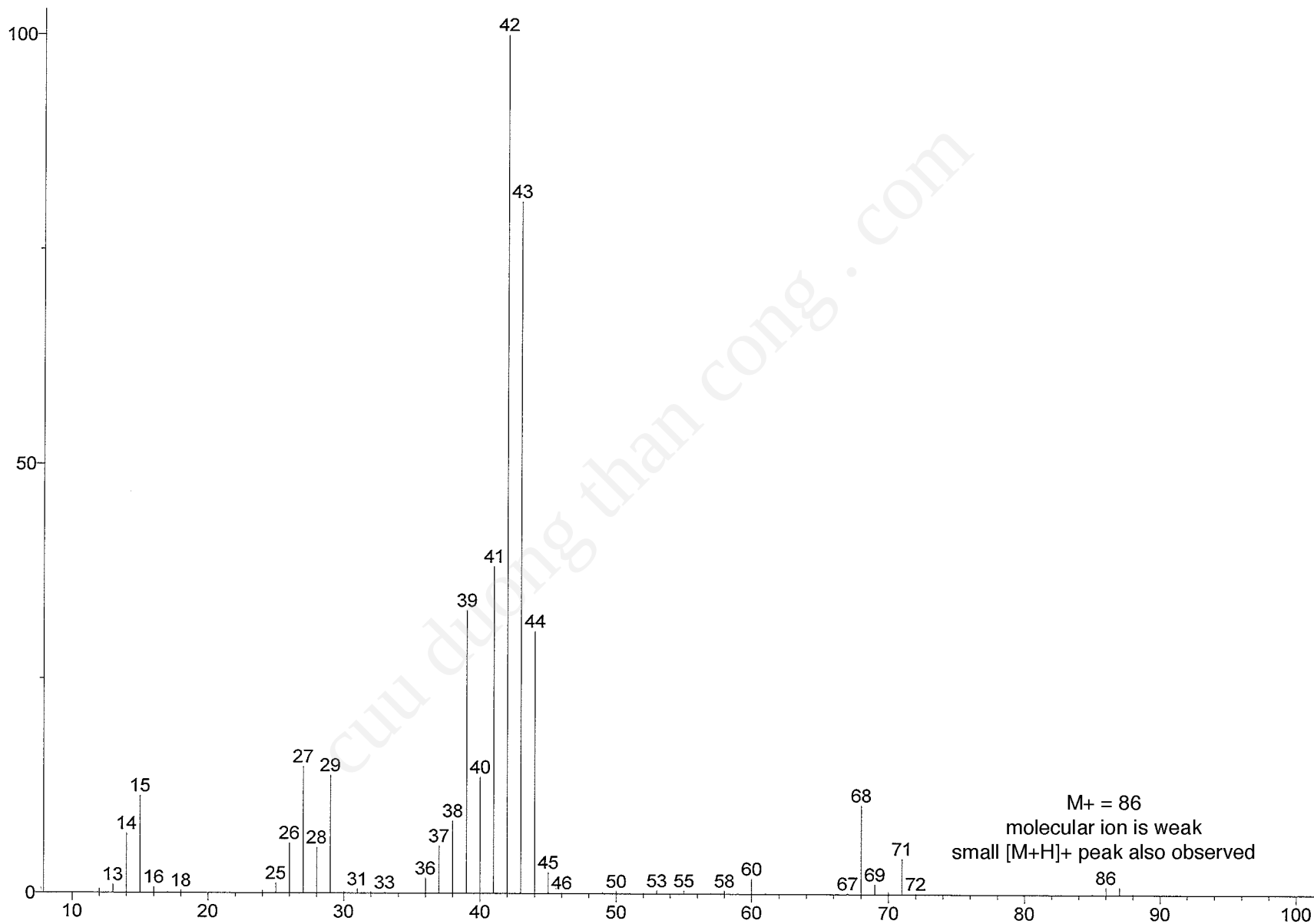
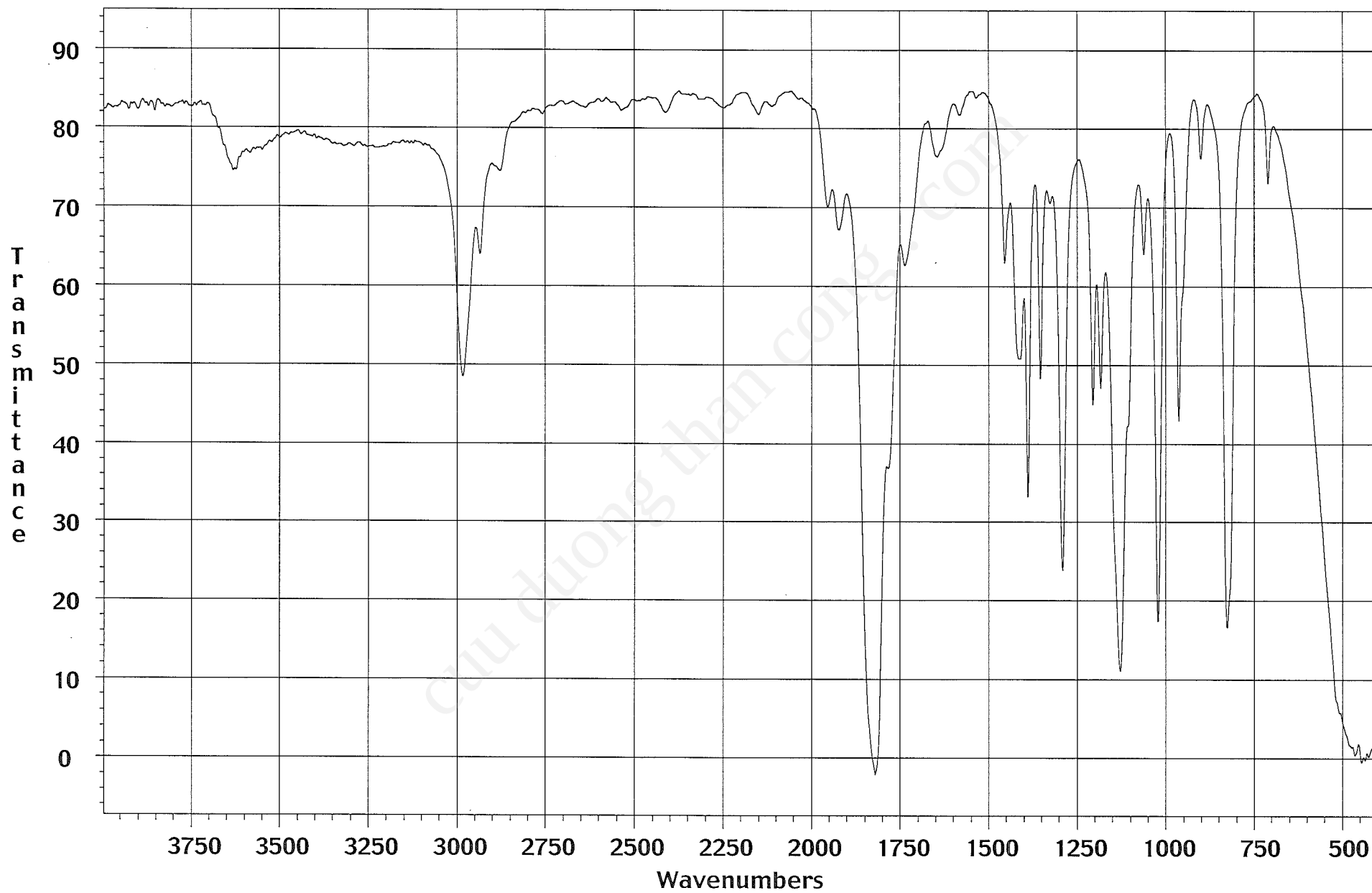


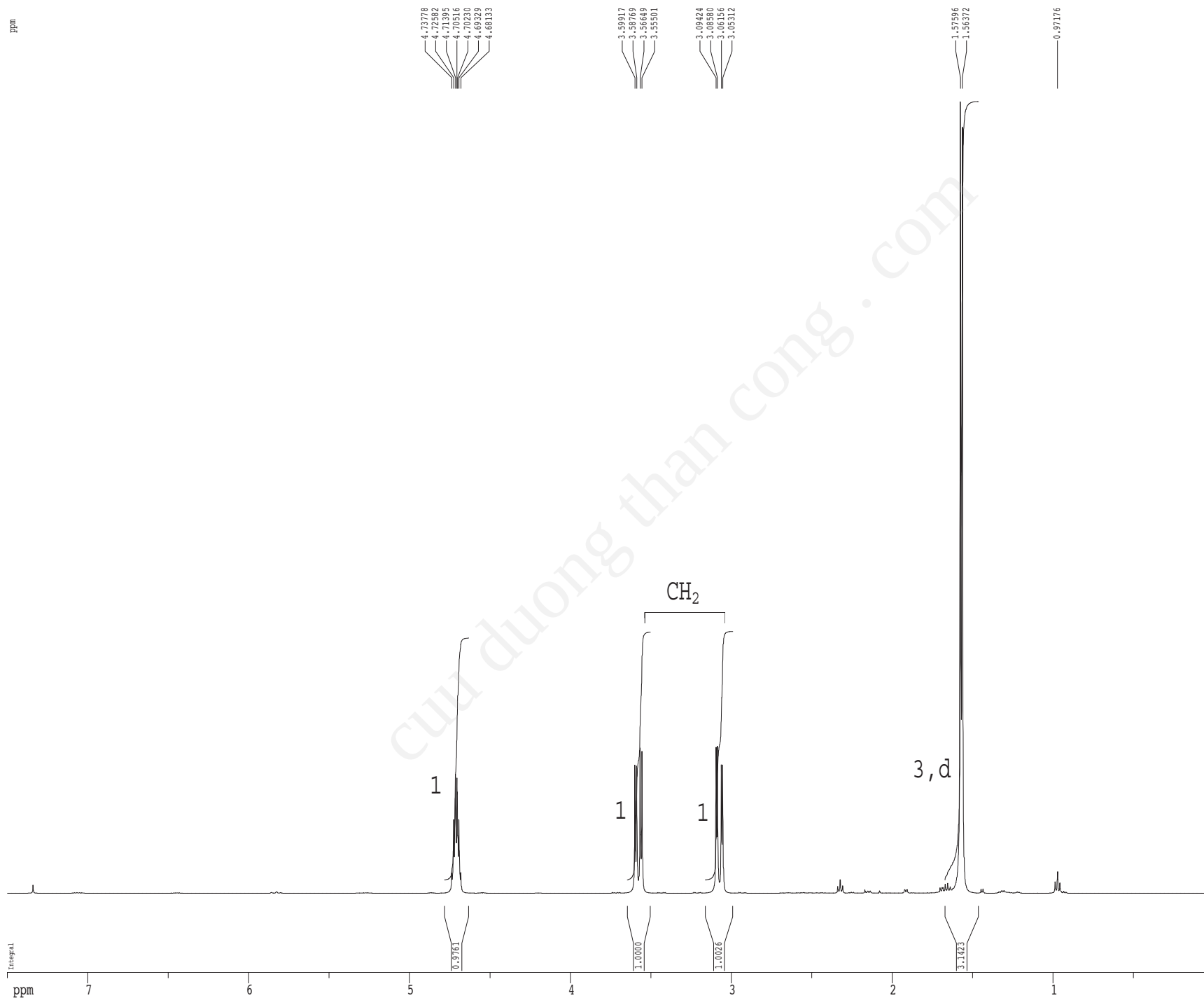
EIMS



Thin film NaCL plates



¹H spectrum



Current Data Parameters

USER	nmr11t
NAME	nmr11-X-sample5
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

Date_	20111101
Time	14.37
INSTRUM	gn500
PROBHD	5 mm broadband
PULPROG	zg30
TD	81728
SOLVENT	CDCl3
NS	32
DS	2
SWH	8012.820 Hz
FIDRES	0.098043 Hz
AQ	5.0998774 sec
RG	40.3
DW	62.400 usec
DE	6.00 usec
TE	298.0 K
D1	0.10000000 sec
MCREST	0.00000000 sec
MCWRK	0.01500000 sec

===== CHANNEL f1 =====

NUC1	¹ H
P1	12.20 usec
PL1	-5.00 dB
SFO1	499.5134966 MHz

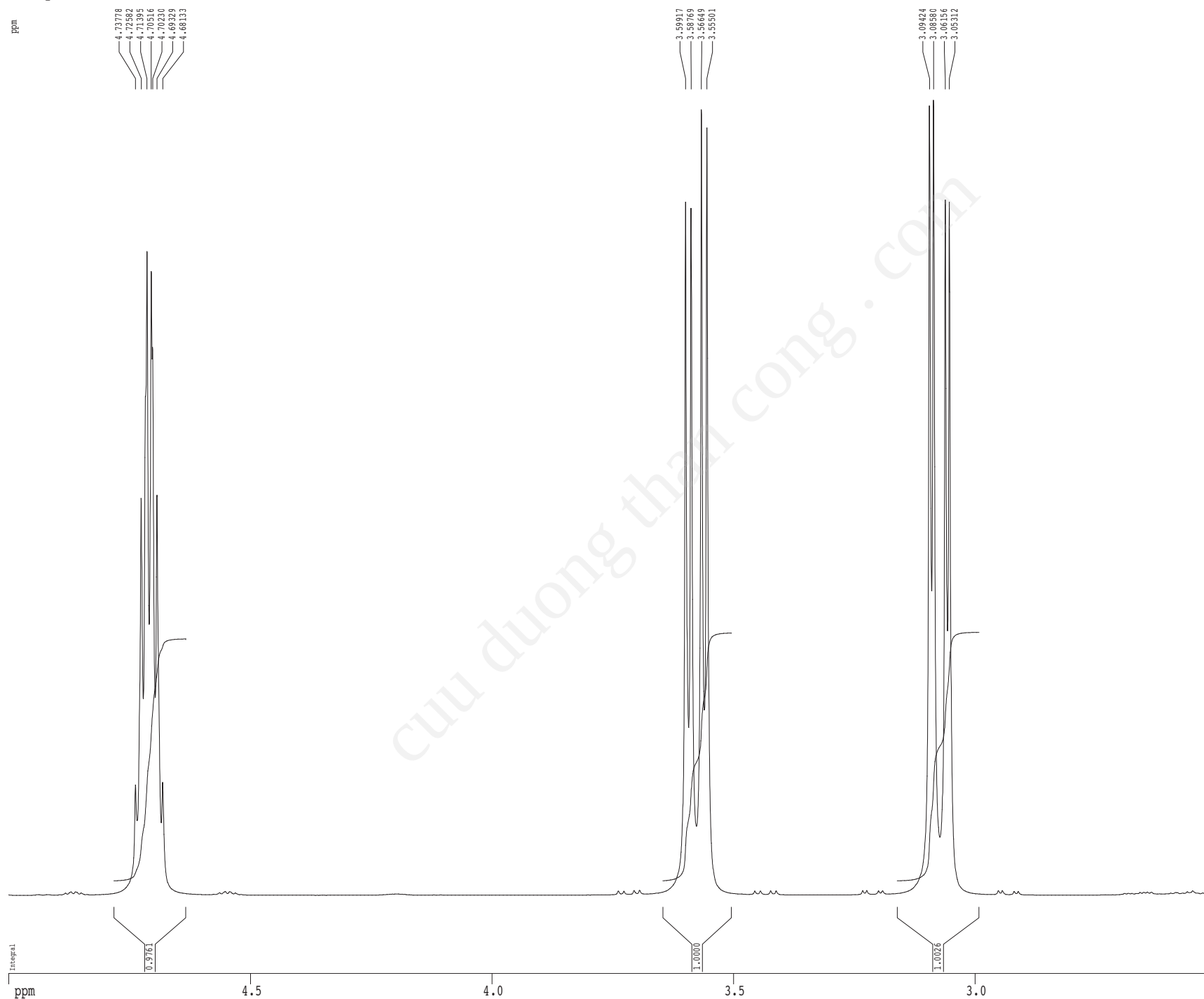
F2 - Processing parameters

SI	65536
SF	499.5099869 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.00

1D NMR plot parameters

CX	22.80 cm
CY	15.00 cm
FIP	7.500 ppm
F1	3746.32 Hz
F2P	0.000 ppm
F2	0.00 Hz
PPMCM	0.32895 ppm/cm
HZCM	164.31250 Hz/cm

¹H spectrum



Current Data Parameters
 USER nmrlit
 NAME nmrl1-X-sample5
 EXPNO 1
 PROCNO 1

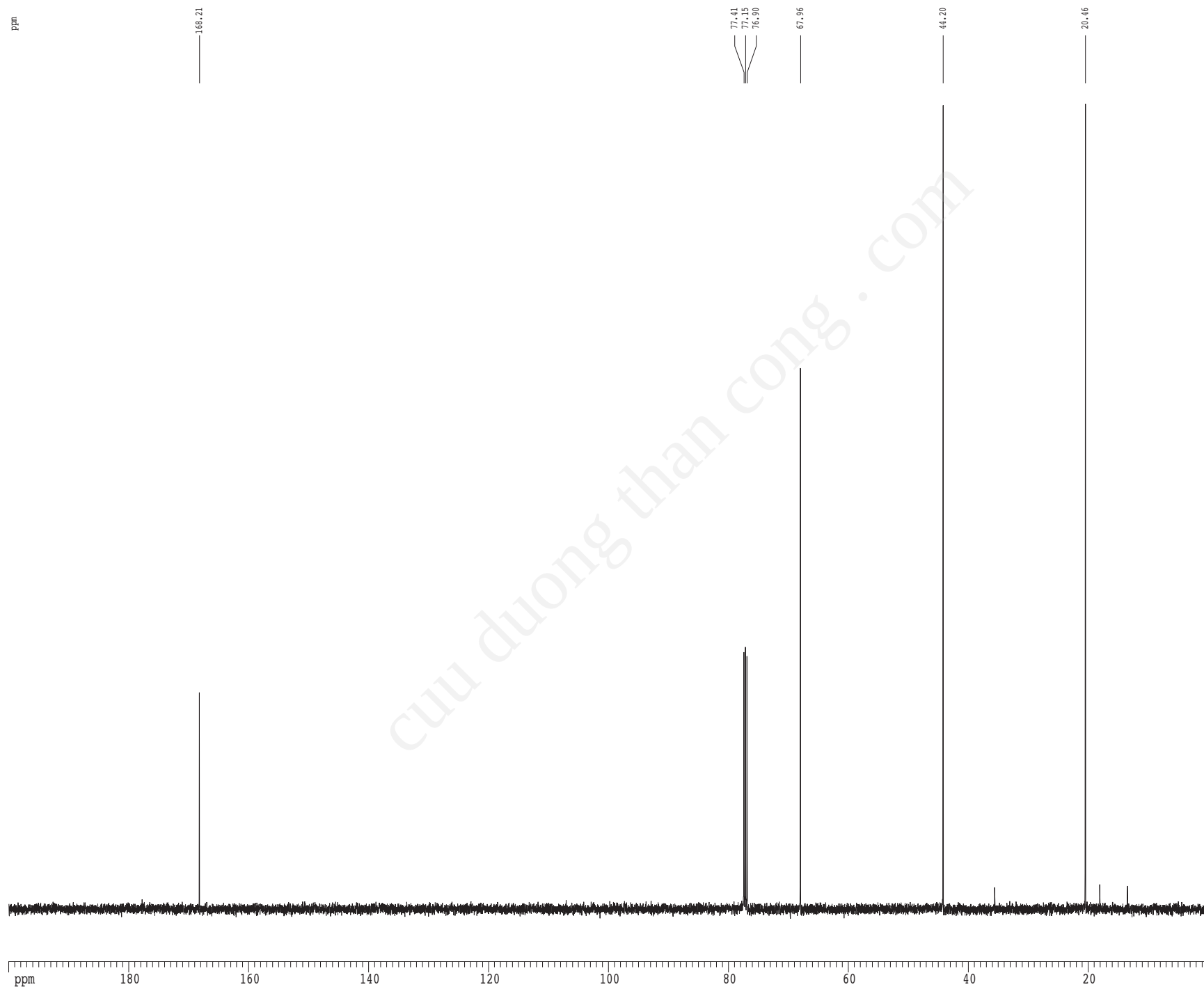
F2 - Acquisition Parameters
 Date_ 20111101
 Time 14.37
 INSTRUM gn500
 PROBHD 5 mm broadband
 PULPROG zg30
 TD 81728
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8012.820 Hz
 FIDRES 0.098043 Hz
 AQ 5.0998774 sec
 RG 40.3
 DW 62.400 usec
 DE 6.00 usec
 TE 298.0 K
 D1 0.10000000 sec
 MCREST 0.00000000 sec
 MCWRK 0.01500000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 12.20 usec
 PL1 -5.00 dB
 SFO1 499.5134966 MHz

F2 - Processing parameters
 SI 65536
 SF 499.5099869 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 22.80 cm
 CY 15.00 cm
 FIP 5.000 ppm
 F1 2497.55 Hz
 F2P 2.500 ppm
 F2 1248.77 Hz
 PPMCM 0.10965 ppm/cm
 HZCM 54.77083 Hz/cm

125.6 MHz ^{13}C spectrum with ^1H decoupling in CDCl_3



Current Data Parameters

USER	nmr11t
NAME	nmr11-X-sample5
EXPNO	2
PROCNO	1

F2 - Acquisition Parameters

Date_	2011101
Time	14.39
INSTRUM	qn500
PROBHD	5 mm broadband
PULPROG	zgdc30
TD	65536
SOLVENT	CDCl_3
NS	46
DS	4
SWH	30303.031 Hz
FIDRES	0.462388 Hz
AQ	1.0813940 sec
RG	46341
DW	16.500 usec
DE	4.50 usec
TE	298.0 K
D1	0.25000000 sec
d11	0.03000000 sec
MCREST	0.00000000 sec
MCWRK	0.01500000 sec

===== CHANNEL f1 =====

NUC1	^{13}C
P1	7.70 usec
PL1	0.00 dB
SFO1	125.6157052 MHz

===== CHANNEL f2 =====

CPDPRG2	waltz16
NUC2	^1H
PCPD2	80.00 usec
PL2	-3.00 dB
PL12	13.20 dB
SFO2	499.5124975 MHz

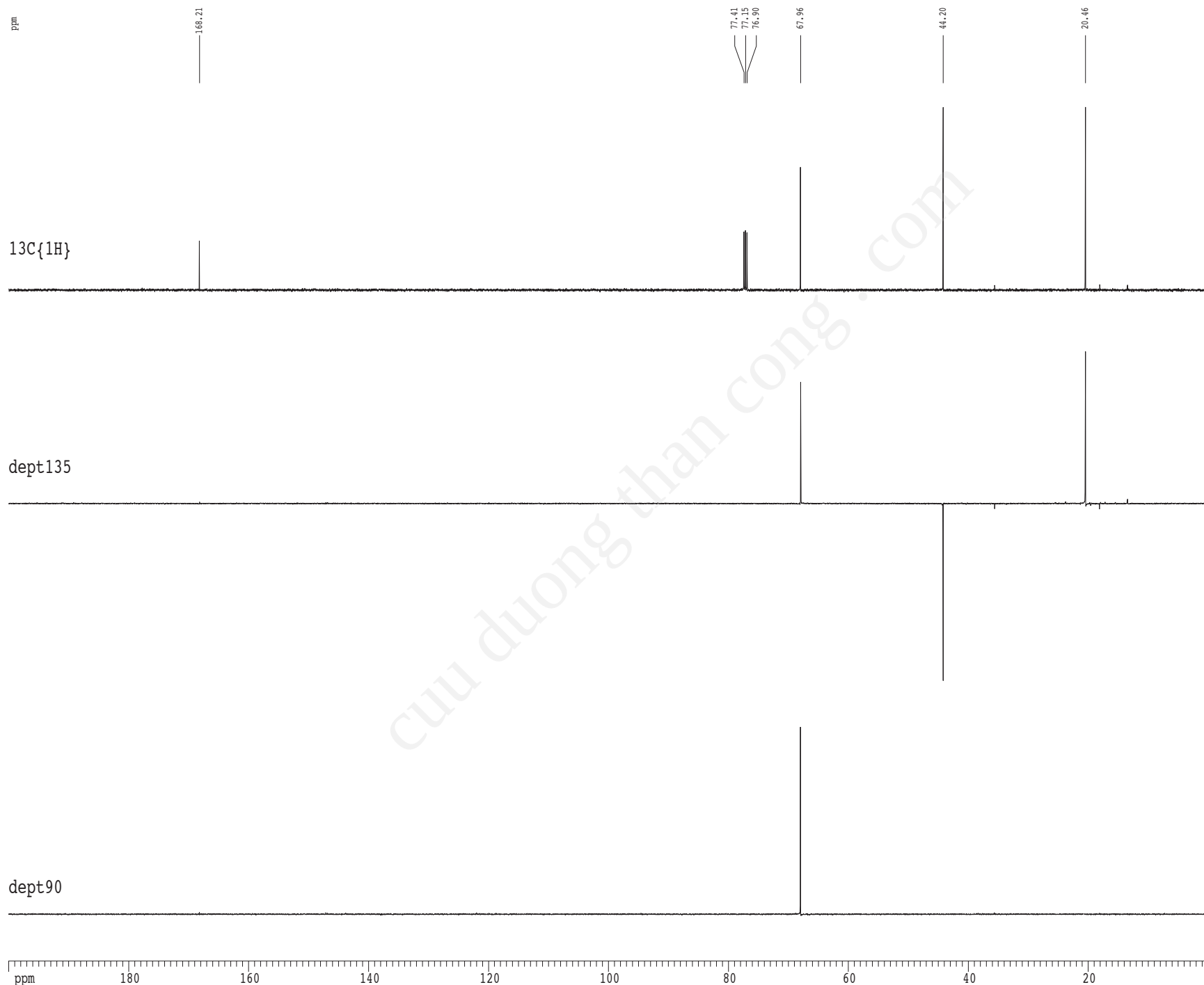
F2 - Processing parameters

S1	65536
SF	125.6019001 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	2.00

1D NMR plot parameters

CX	22.80 cm
CY	15.65 cm
F1P	200.000 ppm
F1	25120.38 Hz
F2P	0.000 ppm
F2	0.00 Hz
PPHMC	8.77193 ppm/cm
HZCM	1101.77112 Hz/cm

¹³C spectrum with ¹H decoupling



```

Current Data Parameters
USER      nmrl1t
NAME      nmrl1-X-sample5
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     2011101
Time      14.39
INSTRUM   gn500
PROBHD    5 mm broadband
PULPROG   zgdc30
TD         65536
SOLVENT   CDCl3
NS         46
DS         4
SWH        30303.031 Hz
FIDRES     0.462388 Hz
AQ         1.0813940 sec
RG         46341
DW         16.500 usec
DE         4.50 usec
TE         298.0 K
D1         0.25000000 sec
d11        0.03000000 sec
MCREST     0.00000000 sec
MCWRK      0.01500000 sec

===== CHANNEL f1 =====
NUC1       13C
P1         7.70 usec
PL1        0.00 dB
SF01       125.6157052 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       1H
PCPD2      80.00 usec
PL2        -3.00 dB
PL12       13.20 dB
SF02       499.5124975 MHz

F2 - Processing parameters
SI         65536
SF         125.6019001 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         2.00

1D NMR plot parameters
CX         22.80 cm
CY         3.56 cm
F1P        200.000 ppm
F1         25120.38 Hz
F2P        0.000 ppm
F2         0.00 Hz
PPHMC      8.77193 ppm/cm
HZCM       1101.77112 Hz/cm
    
```