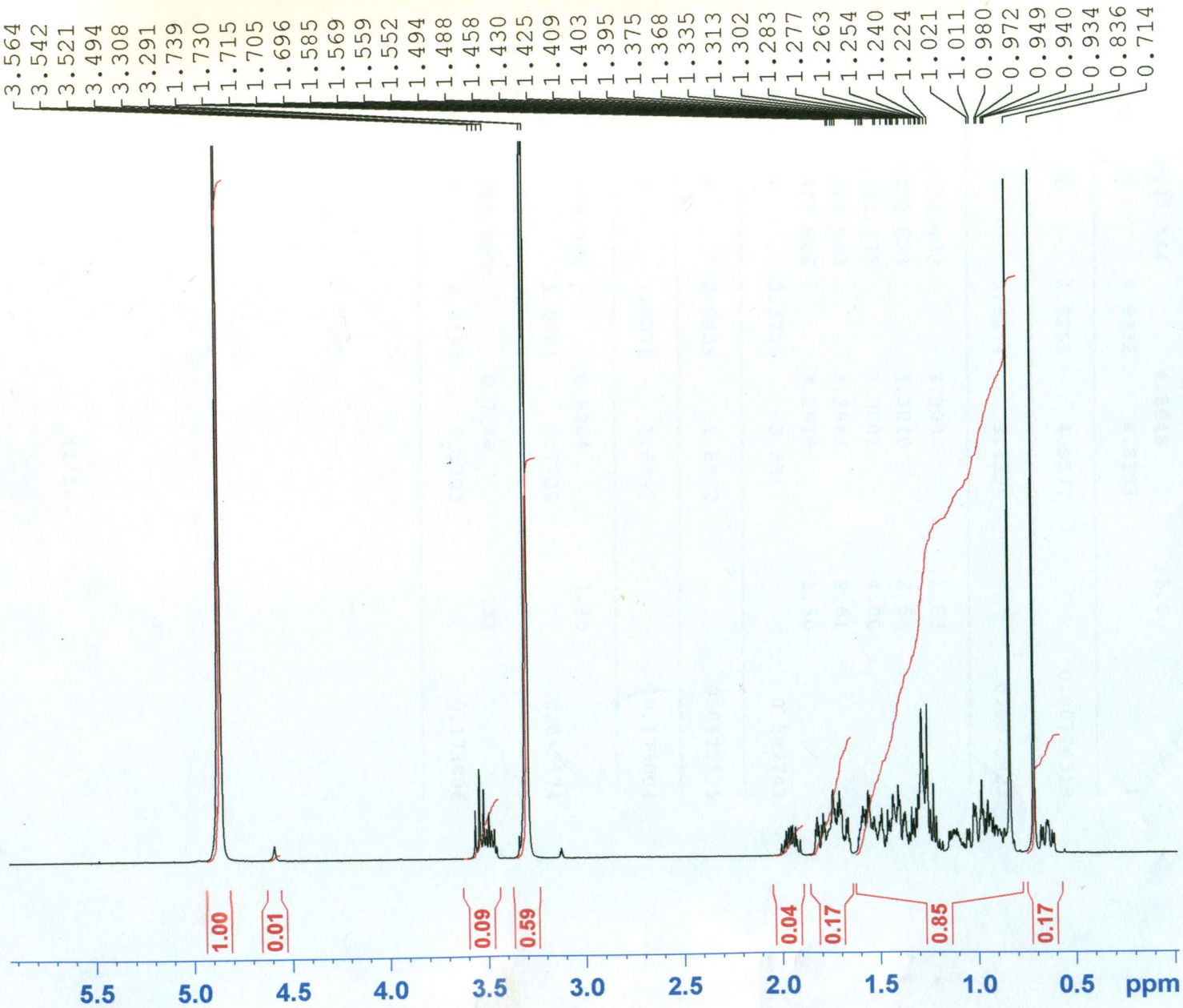
SALMAN/DR.IQBAL/DHT-1/CD3OD/

AVANCE 400-B
LAB. No. 109

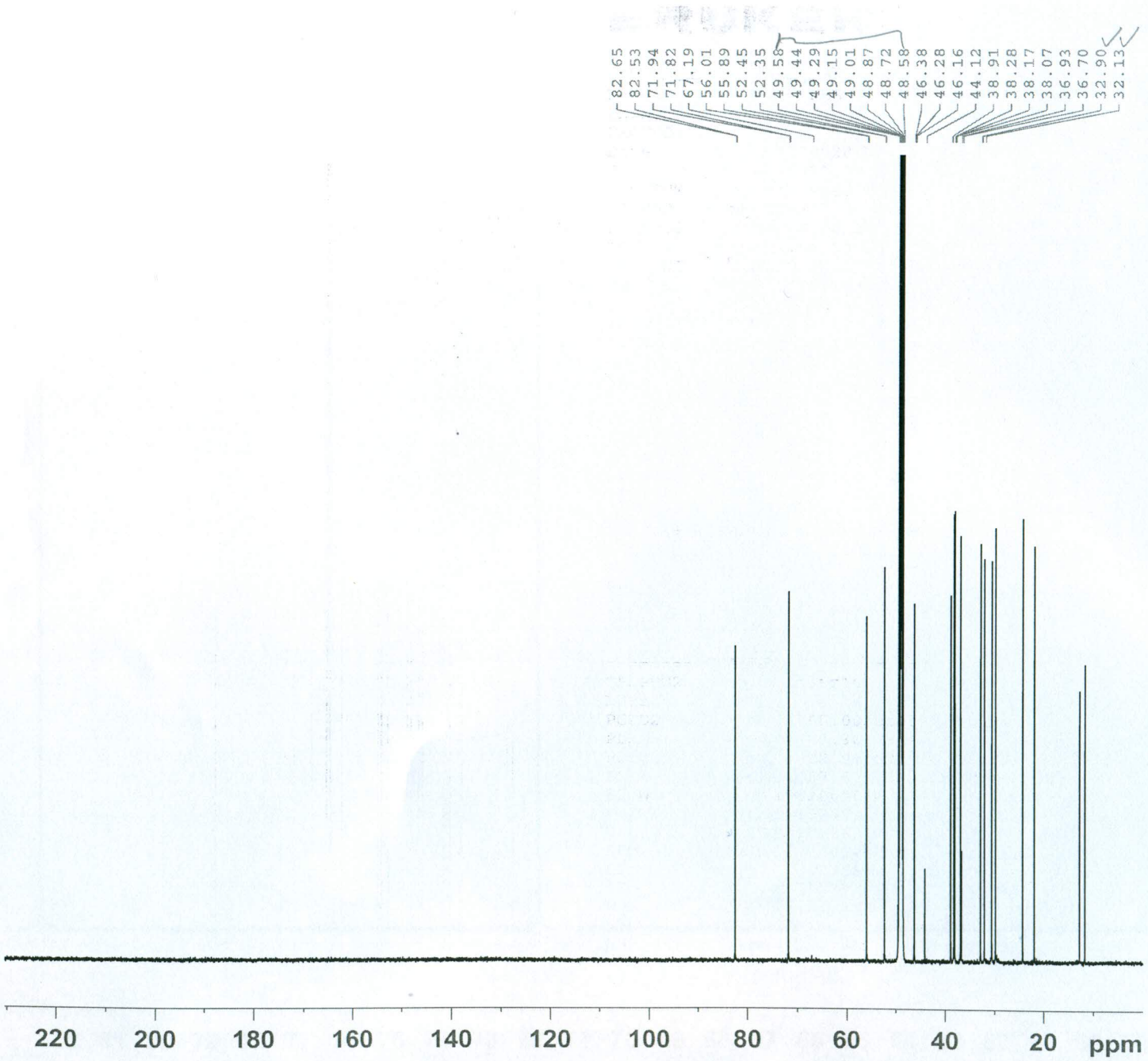


NAME	jan01
EXPNO	5
PROCNO	1
Date_	20090101
Time	12.11
INSTRUM	spect
PROBHD	5 mm DUL 13C-1
PULPROG	zg30
TD	32768
SOLVENT	MeOD
NS	128
DS	0
SWH	8012.820 Hz
FIDRES	0.244532 Hz
AQ	2.0447731 sec
RG	512
DW	62.400 usec
DE	6.50 usec
TE	300.0 K
D1	1.00000000 sec
TD0	1

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

NUC1	1H
P1	11.90 usec
PL1	-2.00 dB
SFO1	400.3332026 MHz
SI	16384
SF	400.3300099 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

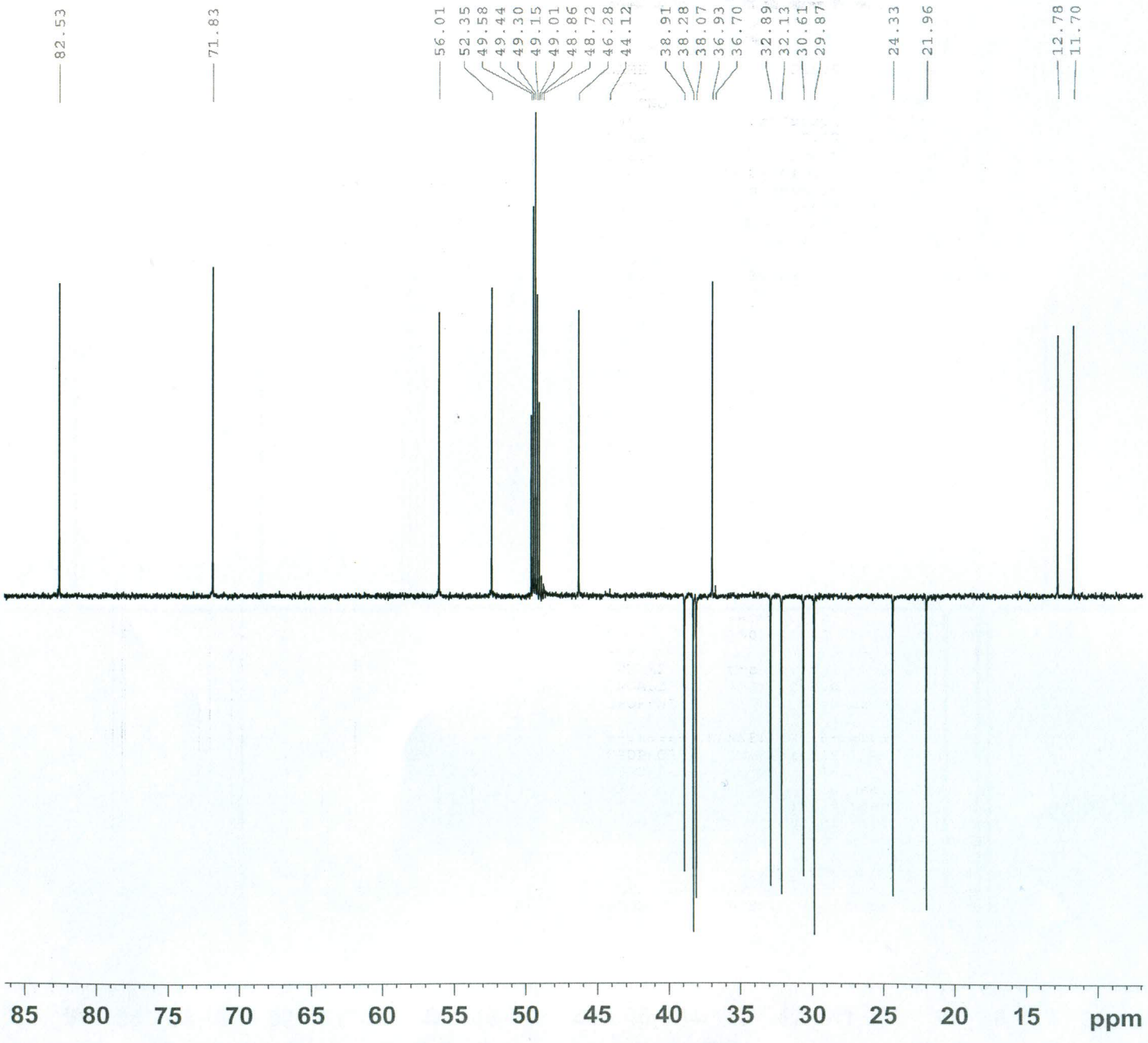
Sample: DHT=1



BRUKER

NAME	FEB06	
EXPNO	6	
PROCNO	1	
Date_	20090206	
Time	21.37	
INSTRUM	spect	
PROBHD	5 mm CPTCI 1H-	
PULPROG	zgpg	
TD	65536	
SOLVENT	MeOD	
NS	12288	
DS	2	
SWH	35971.223	Hz
FIDRES	0.548877	Hz
AQ	0.9110143	sec
RG	32768	
DW	13.900	usec
DE	6.50	usec
TE	291.1	K
D1	1.50000000	sec
D11	0.03000000	sec
TD0	12	
======== CHANNEL f1 ========		
NUC1	13C	
P1	16.00	usec
PL1	2.00	dB
PL1W	66.40702820	W
SFO1	150.9453107	MHz
======== CHANNEL f2 ========		
CPDPRG2	waltz16	
NUC2	1H	
PCPD2	65.00	usec
PL2	3.30	dB
PL12	22.06	dB
PL13	27.00	dB
PL2W	9.16420078	W
PL12W	0.12192553	W
PL13W	0.03909260	W
SFO2	600.2336014	MHz
SI	32768	
SF	150.9277397	MHz
WDW	EM	
SSB	0	
LB	1.00	Hz
GB	0	
PC	1.40	

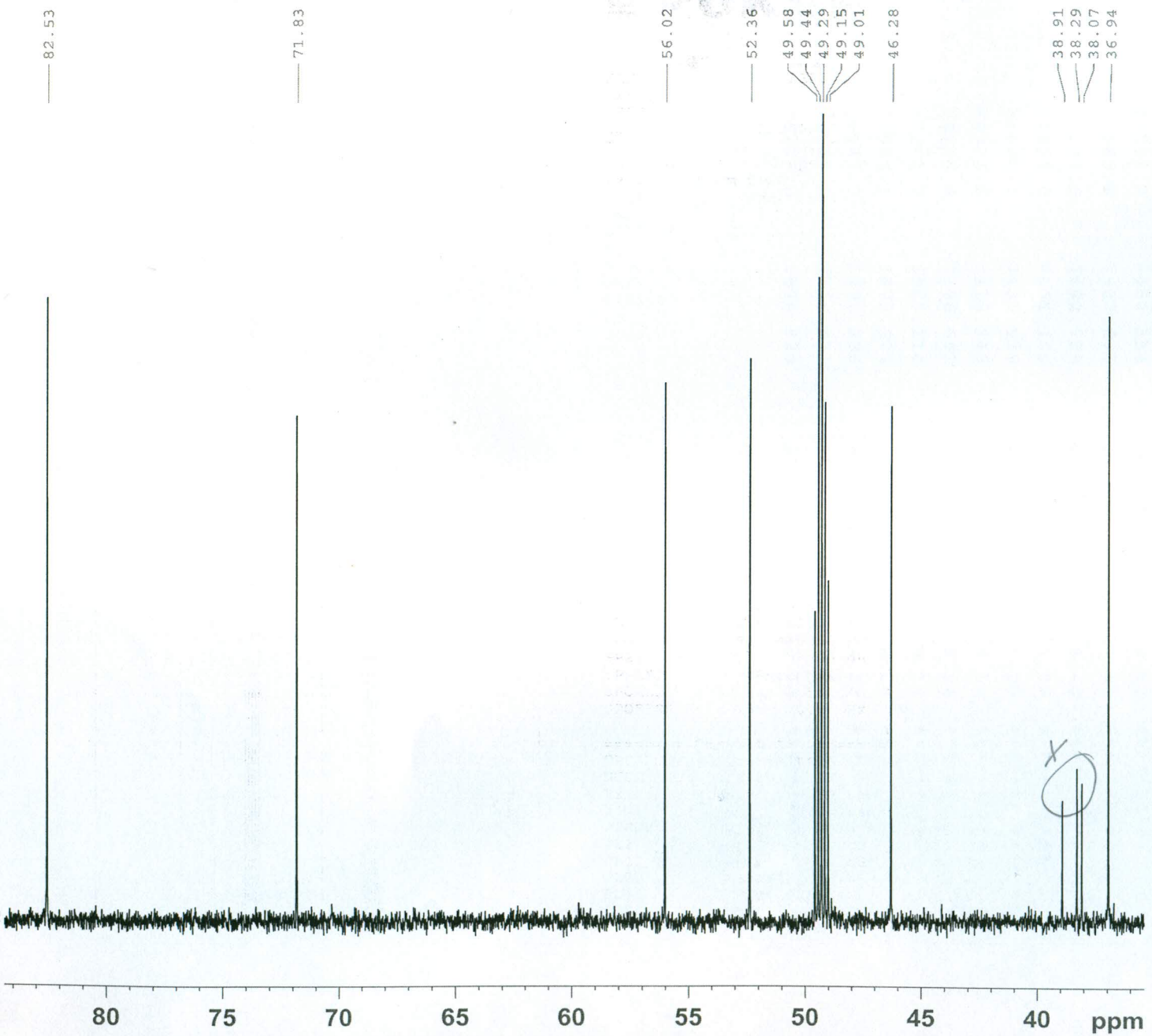
Salman/Prof.Iqbal
Sample: DHT=1



BRUKER

NAME	FEB06
EXPNO	7
PROCNO	1
Date_	20090207
Time	6.07
INSTRUM	spect
PROBHD	5 mm CPTCI 1H-
PULPROG	deptsp135
TD	65536
SOLVENT	MeOD
NS	4708
DS	2
SWH	30303.031 Hz
FIDRES	0.462388 Hz
AQ	1.0814105 sec
RG	32768
DW	16.500 usec
DE	6.50 usec
TE	290.7 K
CNST2	145.0000000
D1	1.50000000 sec
D2	0.00344828 sec
D12	0.00002000 sec
TD0	6
======== CHANNEL f1 ========	
NUC1	13C
P1	16.00 usec
P12	2000.00 usec
PL0	120.00 dB
PL1	2.00 dB
PL0W	0.00000000 W
PL1W	66.40702820 W
SFO1	150.9430463 MHz
SP2	1.99 dB
SPNAM2	Crp60comp.4
SPOAL2	0.500
SPOFFS2	0.00 Hz
======== CHANNEL f2 ========	
CPDPRG2	waltz16
NUC2	1H
P3	7.50 usec
P4	15.00 usec
PCPD2	65.00 usec
PL2	3.30 dB
PL12	22.06 dB
PL2W	9.16420078 W
PL12W	0.12192553 W
SFO2	600.2324009 MHz
SI	32768
SF	150.9277397 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

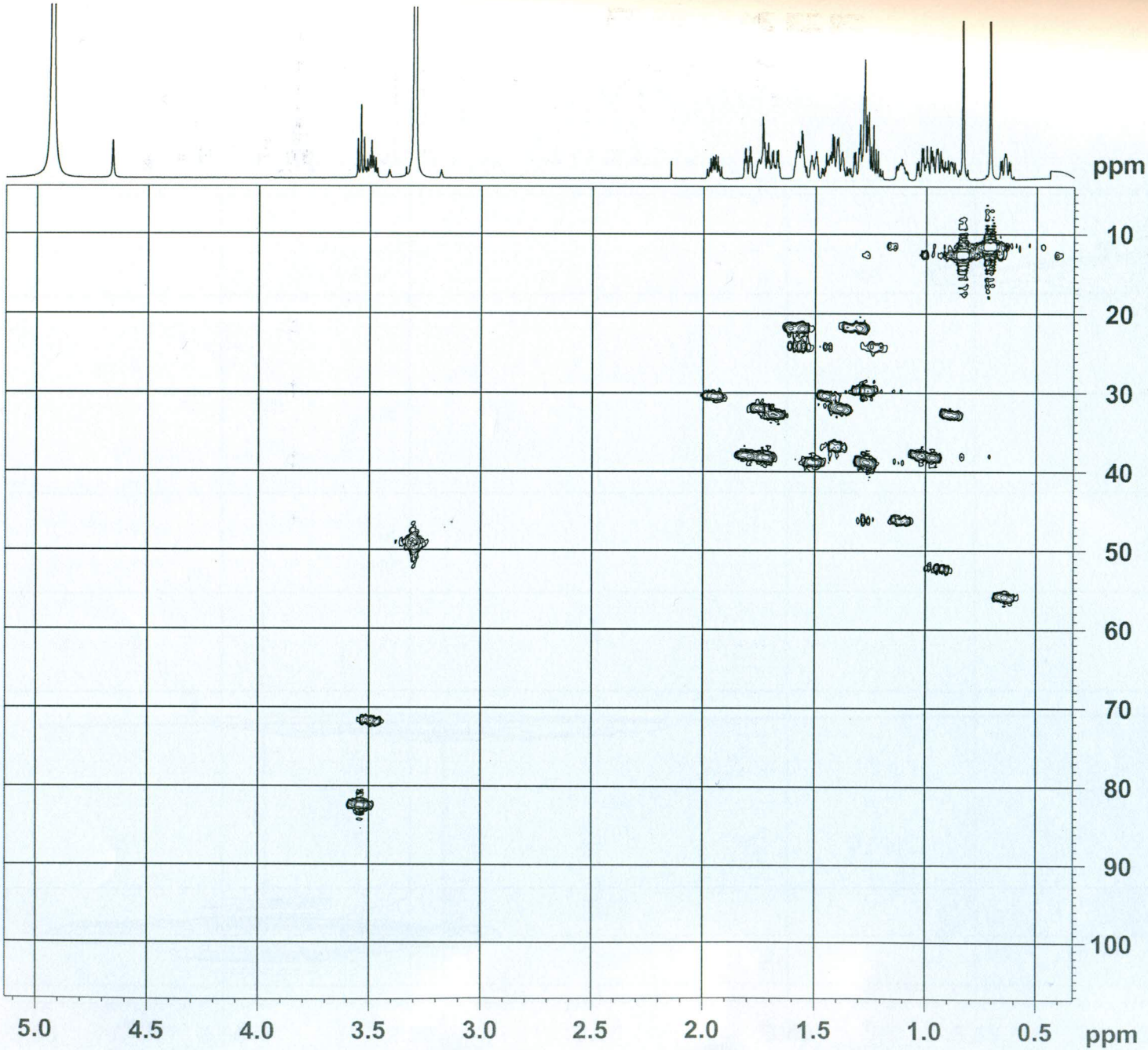
Salman/Prof.Iqbal
Sample: DHT=1



BRUKER

NAME	FEB06
EXPNO	8
PROCNO	1
Date_	20090207
Time	9.16
INSTRUM	spect
PROBHD	5 mm CPTCI 1H-
PULPROG	deptsp90
TD	65536
SOLVENT	MeOD
NS	634
DS	2
SWH	30303.031 Hz
FIDRES	0.462388 Hz
AQ	1.0814105 sec
RG	32768
DW	16.500 usec
DE	6.50 usec
TE	292.6 K
CNST2	145.0000000
D1	1.50000000 sec
D2	0.00344828 sec
D12	0.00002000 sec
TD0	6
======== CHANNEL f1 ========	
NUC1	13C
P1	16.00 usec
P12	2000.00 usec
PL0	120.00 dB
PL1	2.00 dB
PL0W	0.00000000 W
PL1W	66.40702820 W
SFO1	150.9430463 MHz
SP2	1.99 dB
SPNAM2	Crp60comp.4
SPOAL2	0.500
SPOFFS2	0.00 Hz
======== CHANNEL f2 ========	
CPDPRG2	waltz16
NUC2	1H
P3	7.50 usec
P4	15.00 usec
PCPD2	65.00 usec
PL2	3.30 dB
PL12	22.06 dB
PL2W	9.16420078 W
PL12W	0.12192553 W
SFO2	600.2324009 MHz
SI	32768
SF	150.9277397 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

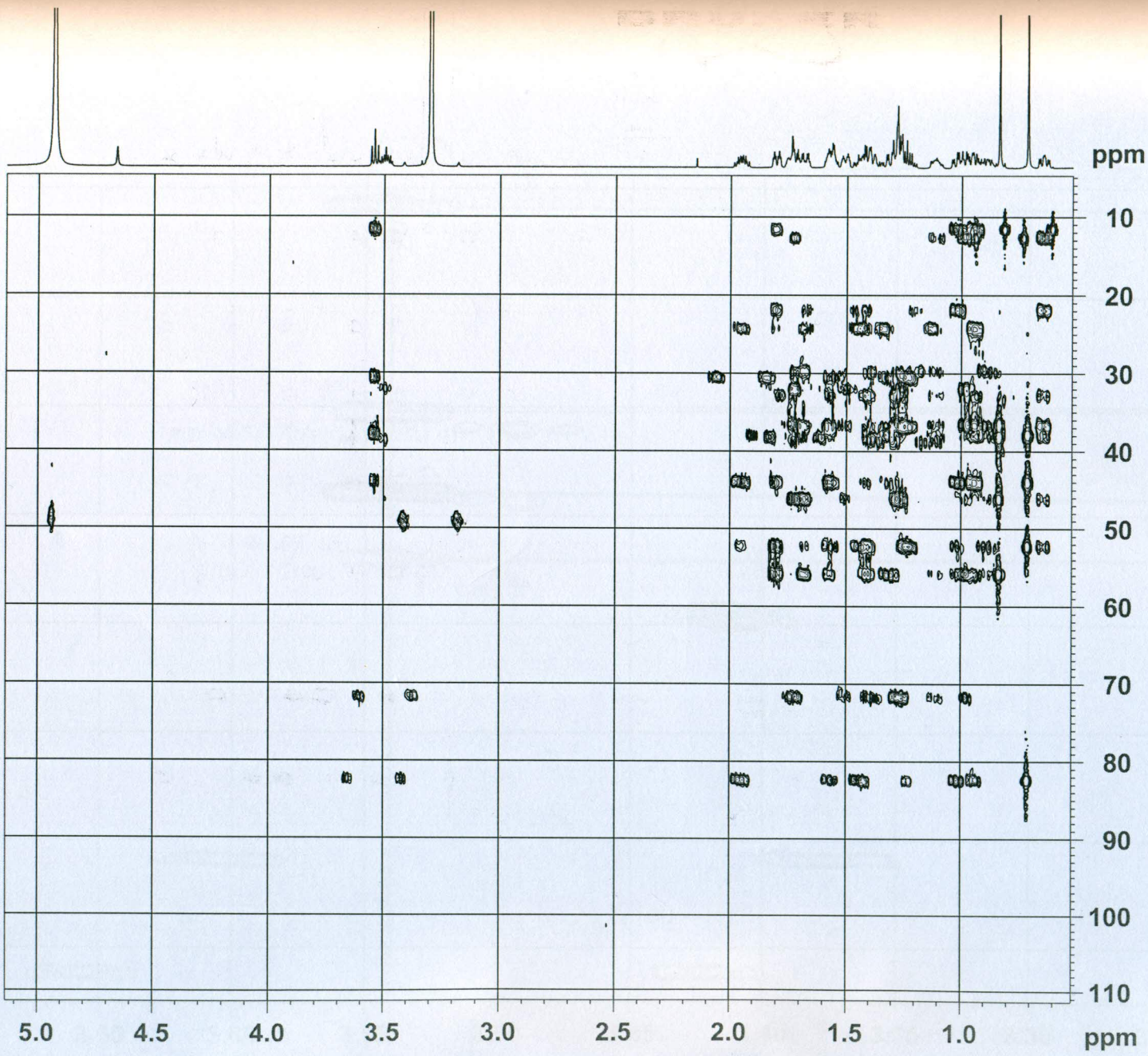
Sample: DHT=1



BRUKER

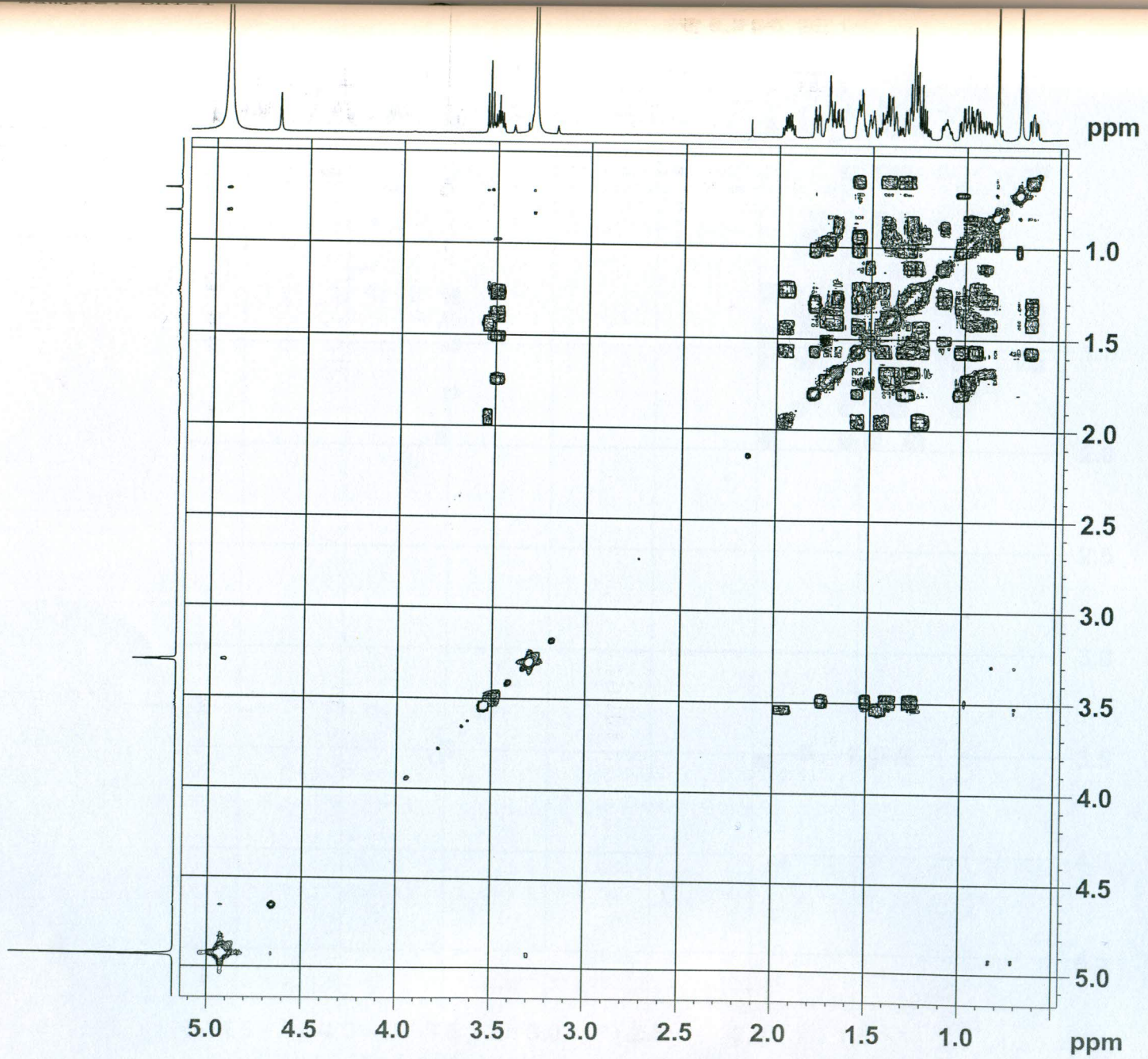
NAME	FEB06
EXPNO	4
PROCNO	1
Date_	20090206
Time	12.05
INSTRUM	spect
PROBHD	5 mm CPTCI 1H-
PULPROG	hmqcgpqf
TD	1024
SOLVENT	MeOD
NS	32
DS	8
SWH	3180.662 Hz
FIDRES	3.106115 Hz
AQ	0.1611800 sec
RG	46341
DW	157.200 usec
DE	6.50 usec
TE	292.5 K
CNST2	145.0000000
D0	0.00000300 sec
D1	1.50000000 sec
D2	0.00344828 sec
D12	0.00002000 sec
D13	0.00000400 sec
D16	0.00015000 sec
IN0	0.00001745 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	7.40 usec
P2	14.80 usec
PL1	3.30 dB
PL1W	9.16420078 W
SFO1	600.2318007 MHz
======== CHANNEL f2 ========	
CPDPRG2	garp
NUC2	13C
P3	10.00 usec
PCPD2	60.00 usec
PL2	2.00 dB
PL12	17.56 dB
PL2W	66.40702820 W
PL12W	1.84592509 W
SFO2	150.9422922 MHz
====== GRADIENT CHANNEL =====	
GPNAM1	SINE.100
GPNAM2	SINE.100
GPNAM3	SINE.100
GPZ1	50.00 %
GPZ2	30.00 %
GPZ3	40.10 %
P16	2000.00 usec
ND0	2
TD	256
SFO1	150.9423 MHz
FIDRES	112.027481 Hz
SW	190.000 ppm
FnMODE	QF
SI	1024
SF	600.2300157 MHz
WDW	SINE
SSB	0
LB	0.00 Hz
GB	0
PC	4.00
SI	1024
MC2	QF
SF	150.9277397 MHz
WDW	SINE
SSB	0
LB	0.00 Hz
GB	0

salman/Prof.Iqbal
Sample: DHT=1



BRUKER

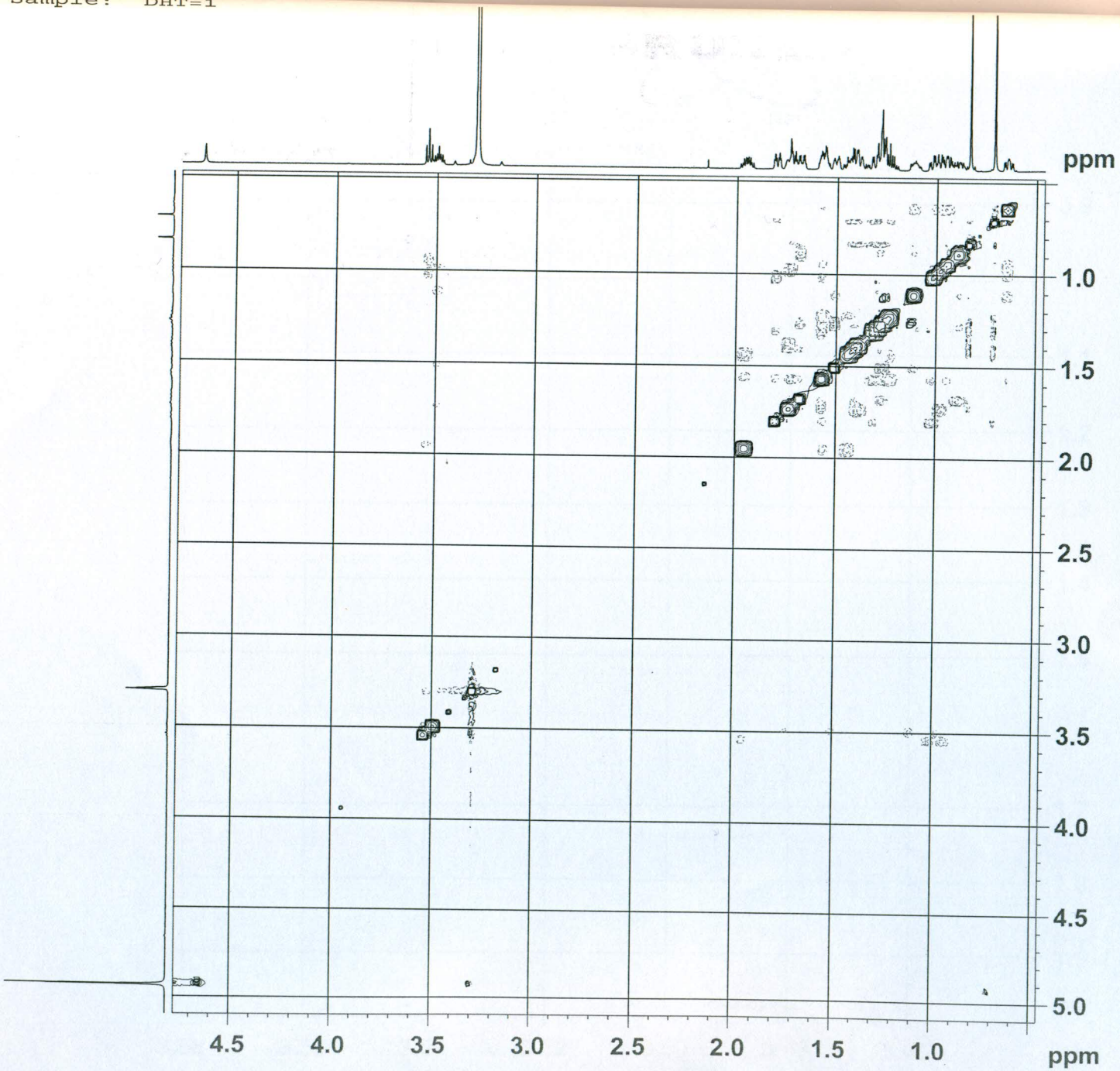
NAME	FEB06
EXPNO	5
PROCNO	1
Date_	20090206
Time	15.55
INSTRUM	spect
PROBHD	5 mm CPTCI 1H-
PULPROG	hmbcgplpndqf
TD	4096
SOLVENT	MeOD
NS	32
DS	8
SWH	3180.662 Hz
FIDRES	0.776529 Hz
AQ	0.6440984 sec
RG	32768
DW	157.200 usec
DE	6.50 usec
TE	291.8 K
CNST2	145.0000000
CNST13	13.0000000
D0	0.00000300 sec
D1	1.50000000 sec
D2	0.00344828 sec
D6	0.03846154 sec
D16	0.00015000 sec
IN0	0.00001440 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	7.40 usec
P2	14.80 usec
PL1	3.30 dB
PL1W	9.16420078 W
SFO1	600.2318007 MHz
======== CHANNEL f2 ========	
NUC2	13C
P3	10.00 usec
PL2	2.00 dB
PL2W	66.40702820 W
SFO2	150.9453107 MHz
====== GRADIENT CHANNEL =====	
GPNAM1	SINE.100
GPNAM2	SINE.100
GPNAM3	SINE.100
GPZ1	50.00 %
GPZ2	30.00 %
GPZ3	40.10 %
P16	2000.00 usec
ND0	2
TD	256
SFO1	150.9453 MHz
FIDRES	135.614929 Hz
SW	230.000 ppm
FnMODE	QF
SI	1024
SF	600.2300157 MHz
WDW	SINE
SSB	0
LB	0.00 Hz
GB	0
PC	1.40
SI	1024
MC2	QF
SF	150.9277397 MHz
WDW	SINE
SSB	0
LB	0.00 Hz
GB	0



BRUKER

NAME	FEB06
EXPNO	2
PROCNO	1
Date_	20090206
Time	9.18
INSTRUM	spect
PROBHD	5 mm CPTCI 1H-
PULPROG	cosygpqf
TD	2048
SOLVENT	MeOD
NS	8
DS	4
SWH	3180.662 Hz
FIDRES	1.553057 Hz
AQ	0.3221528 sec
RG	181
DW	157.200 usec
DE	6.50 usec
TE	293.0 K
D0	0.00000300 sec
D1	1.48689198 sec
D13	0.00000400 sec
D16	0.00015000 sec
IN0	0.00031440 sec
======== CHANNEL f1 ========	
NUC1	1H
P0	7.40 usec
P1	7.40 usec
PL1	3.30 dB
PL1W	9.16420078 W
SFO1	600.2318007 MHz
====== GRADIENT CHANNEL =====	
GPNAM1	SINE.100
GPZ1	10.00 %
P16	2000.00 usec
ND0	1
TD	256
SFO1	600.2318 MHz
FIDRES	12.424461 Hz
SW	5.299 ppm
FnMODE	QF
SI	1024
SF	600.2300157 MHz
WDW	QSINE
SSB	0
LB	0.00 Hz
GB	0
PC	1.40
SI	1024
MC2	QF
SF	600.2300157 MHz
WDW	QSINE
SSB	0
LB	0.00 Hz
GB	0

Sample: DHT=1



BRUKER

NAME	FEB06
EXPNO	3
PROCNO	1
Date_	20090206
Time	10.22
INSTRUM	spect
PROBHD	5 mm CPTCI 1H-
PULPROG	noesygpph
TD	1024
SOLVENT	MeOD
NS	8
DS	4
SWH	3180.662 Hz
FIDRES	3.106115 Hz
AQ	0.1611800 sec
RG	90.5
DW	157.200 usec
DE	6.50 usec
TE	293.0 K
D0	0.00014778 sec
D1	2.00000000 sec
D8	0.80000001 sec
D16	0.00015000 sec
IN0	0.00031440 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	7.40 usec
P2	14.80 usec
PL1	3.30 dB
PL1W	9.16420078 W
SFO1	600.2318007 MHz
====== GRADIENT CHANNEL =====	
GPNAM1	SINE.100
GPNAM2	SINE.100
GPZ1	40.00 %
GPZ2	-40.00 %
P16	2000.00 usec
ND0	1
TD	256
SFO1	600.2318 MHz
FIDRES	12.424461 Hz
SW	5.299 ppm
FnMODE	States-TPPI
SI	1024
SF	600.2300157 MHz
WDW	QSINE
SSB	2
LB	0.00 Hz
GB	0
PC	1.40
SI	1024
MC2	States-TPPI
SF	600.2300157 MHz
WDW	QSINE
SSB	2
LB	0.00 Hz
GB	0