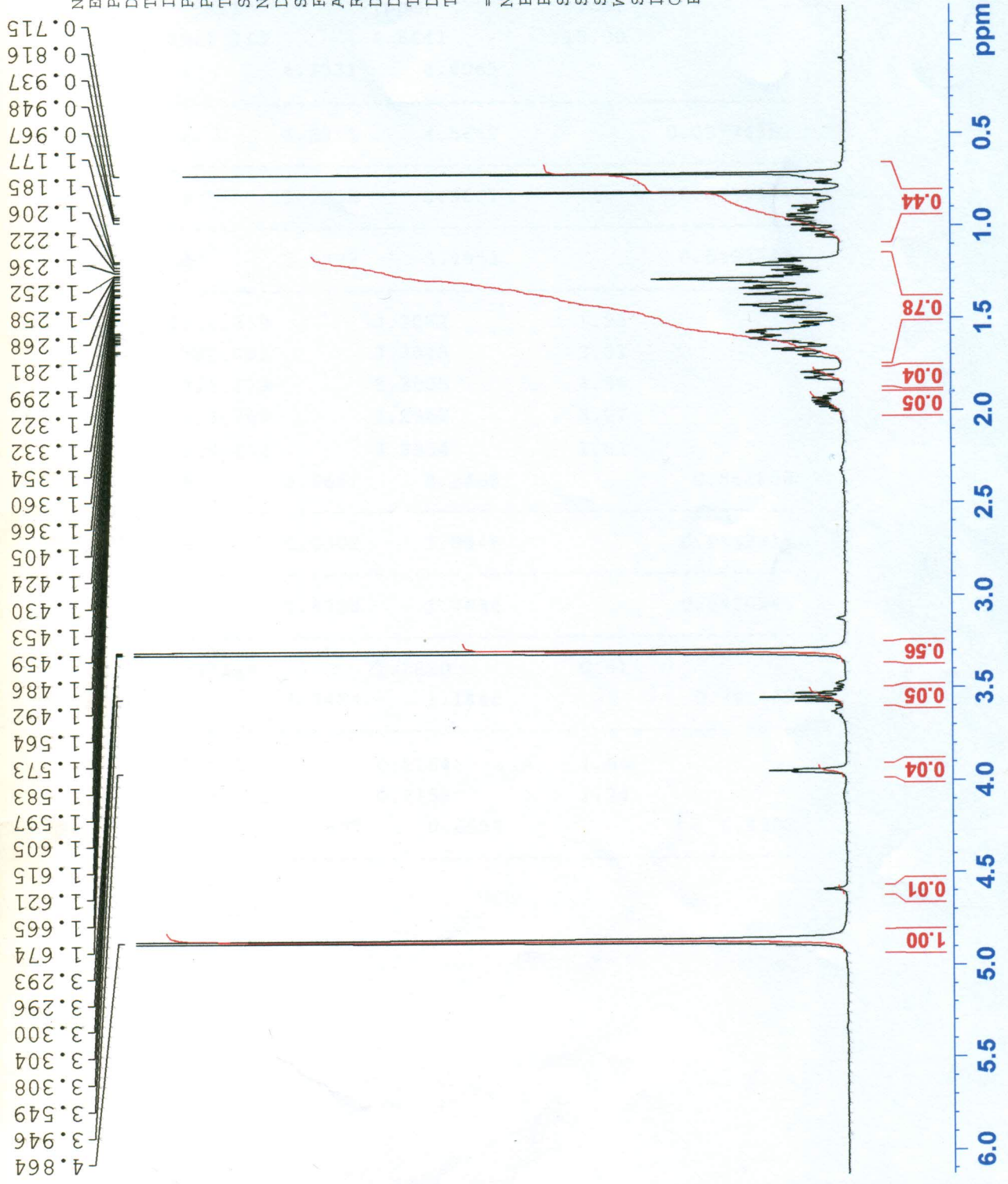


AVANCE 400-B
LAB. No. 109

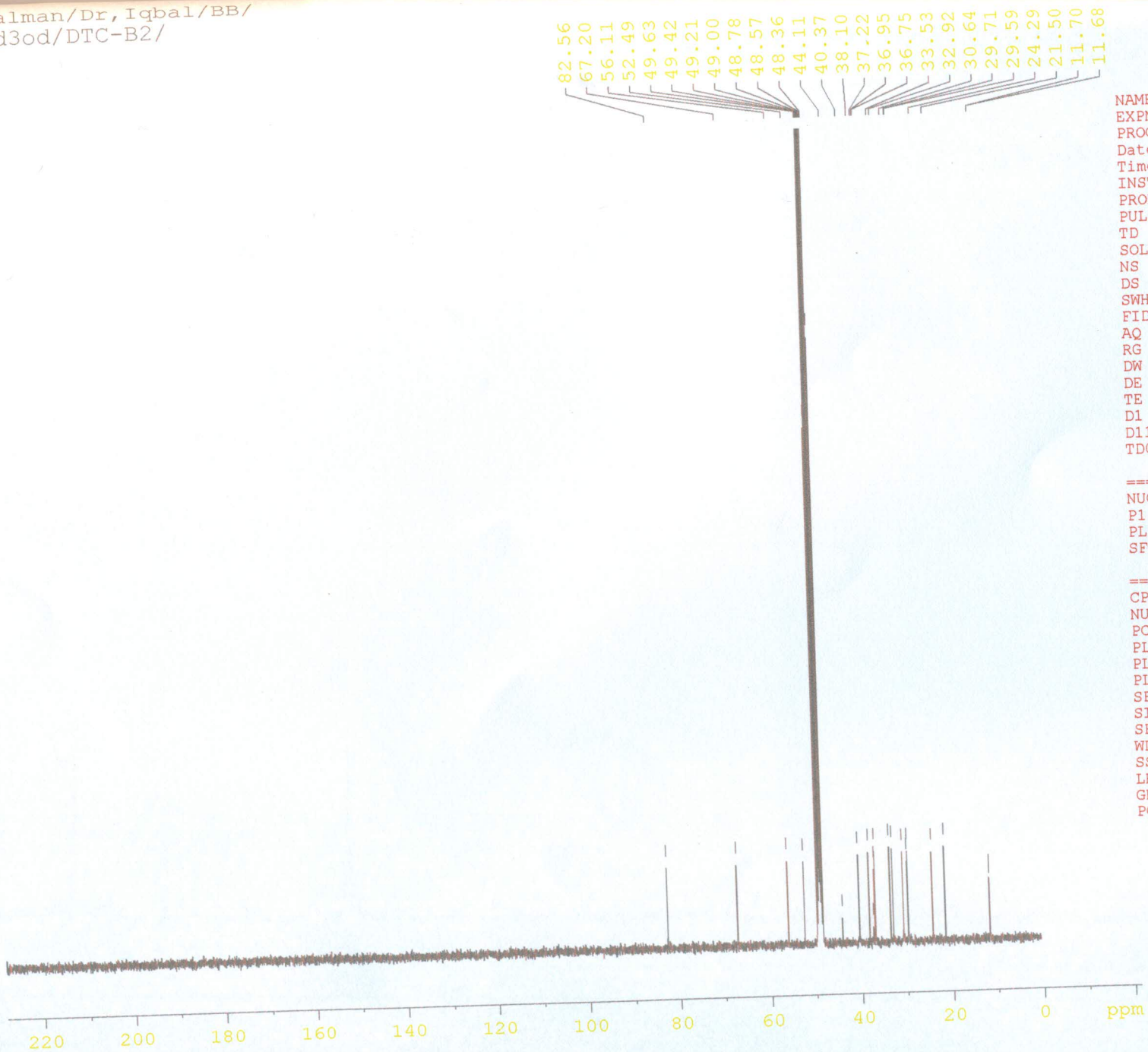
SALMAN ZAFAR/DR. IQBAL/DTC-B2/CD30D



NAME febl1
EXPNO 2
PROCNO 1
Date_ 20090211
Time 10.42
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 456.1
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

Salman/Dr, Iqbal/BB/
Cd3od/DTC-B2/



NAME feb25
EXPNO 11
PROCNO 1
Date_ 20090225
Time 15.50
INSTRUM spect
PROBHD 5 mm Dual 13C/
PULPROG zgpg
TD 32768
SOLVENT MeOD
NS 27648
DS 2
SWH 24154.590 Hz
FIDRES 0.737140 Hz
AQ 0.6783476 sec
RG 32768
DW 20.700 usec
DE 6.50 usec
TE 298.6 K
D1 1.50000000 sec
D11 0.03000000 sec
TDO 27

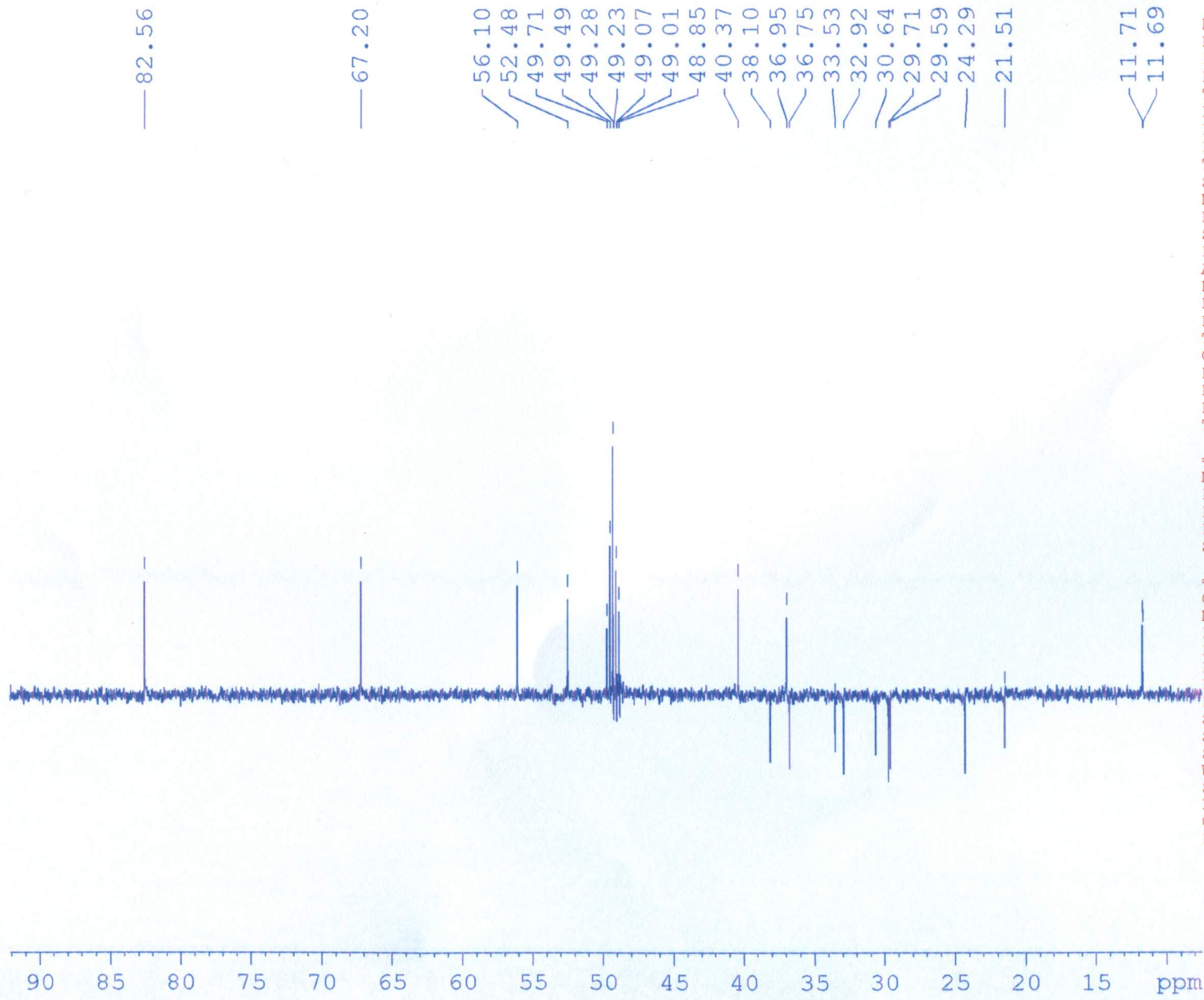
===== CHANNEL f1 =====
NUC1 13C
P1 14.20 usec
PL1 3.00 dB
SFO1 100.6498899 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 4.00 dB
PL12 25.83 dB
PL13 25.83 dB
SFO2 400.2320011 MHz
SI 16384
SF 100.6377708 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

400-A
No. 109

Salman/Dr, Iqbal/Cd3od/
Dept-135/DTC-B2

400-A
No. 109

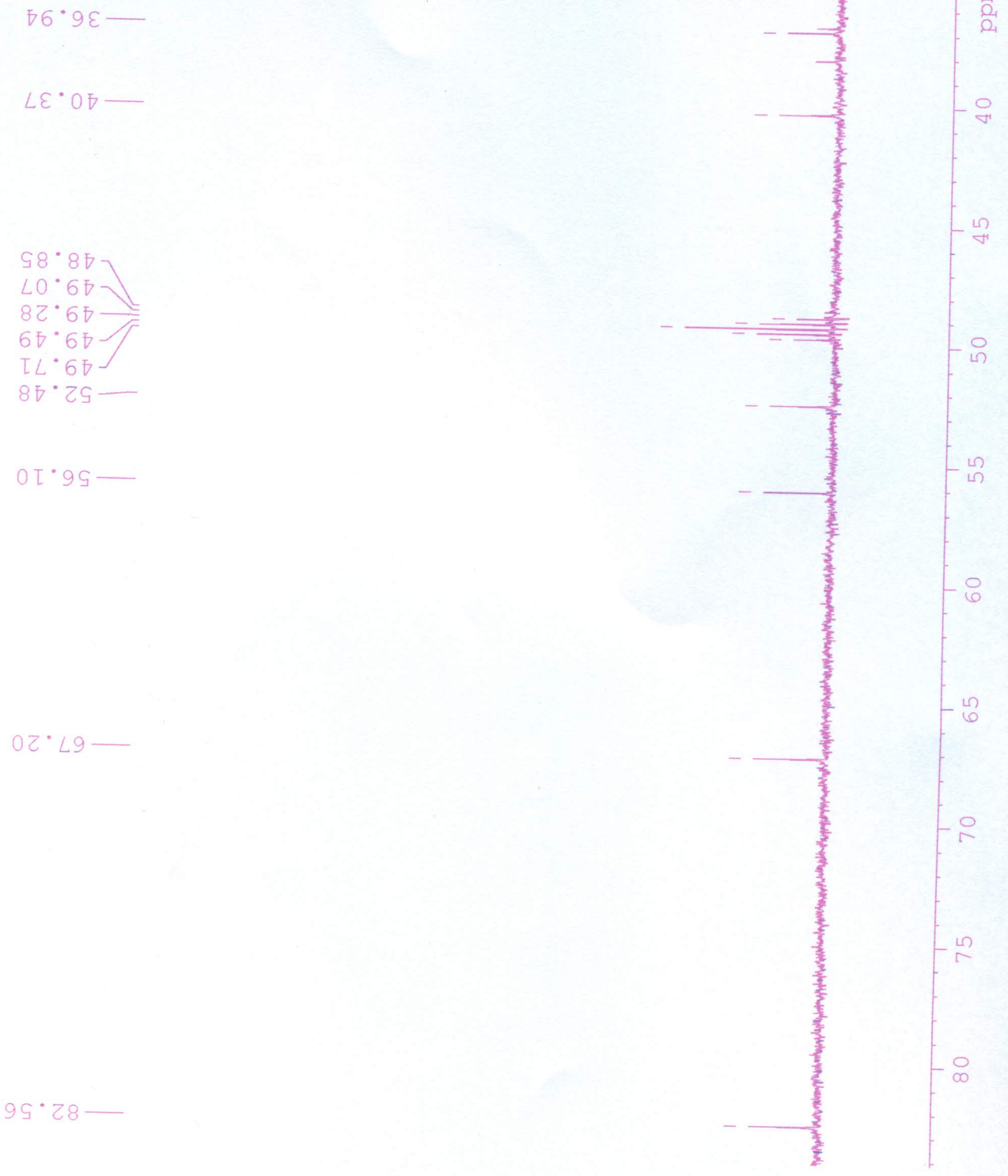


NAME feb26
EXPNO 7
PROCNO 1
Date 20090226
Time 11.59
INSTRUM spect
PROBHD 5 mm Dual 13C/
PULPROG dept135
TD 32768
SOLVENT MeOD
NS 20480
DS 2
SWH 19157.088 Hz
FIDRES 0.584628 Hz
AQ 0.8552948 sec
RG 16384
DW 26.100 usec
DE 6.50 usec
TE 298.0 K
CNST2 145.0000000
D1 1.50000000 sec
D2 0.00344828 sec
D12 0.00002000 sec
TDO 20

===== CHANNEL f1 =====
NUC1 13C
P1 14.20 usec
P2 28.40 usec
PL1 3.00 dB
SFO1 100.6474746 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
P3 8.10 usec
P4 16.20 usec
PCPD2 100.00 usec
PL2 4.00 dB
PL12 25.83 dB
SFO2 400.2320011 MHz
SI 16384
SF 100.6377708 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

No. 400-A
No. 109



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NAME          EXPNO          PROCNO
EXPNO         8              1
PROCNO        1
Date_         20090227
Time_         1.38
INSTRUM       spect
PROBHD        5 mm Dual 13C/
PULPROG       dept90
TD            32768
SOLVENT       MeOD
NS            8192
DS            2
SWH           19157.088 Hz
FIDRES        0.584628 Hz
AQ            0.8552948 sec
RG            16384
DW            26.100 usec
DE            6.50 usec
TE            297.5 K
CNST2         145.0000000
D1            1.5000000 sec
D2            0.00344828 sec
D12           0.00002000 sec
TD0           8

===== CHANNEL f1 =====
NUC1          13C
P1            14.20 usec
P2            28.40 usec
PL1           3.00 dB
SFO1          100.6474746 MHz

===== CHANNEL f2 =====
CPDPRG2       waltz16
NUC2          1H
P3            8.10 usec
P4            16.20 usec
PCPD2         100.00 usec
PL2           4.00 dB
PL12          25.83 dB
SFO2          400.2320011 MHz
SI            16384
SF            100.6377708 MHz
WDW           EM
SSB           0
LB            1.00 Hz
GB            0
PC            1.40
    
```

Sample: DTC=B2



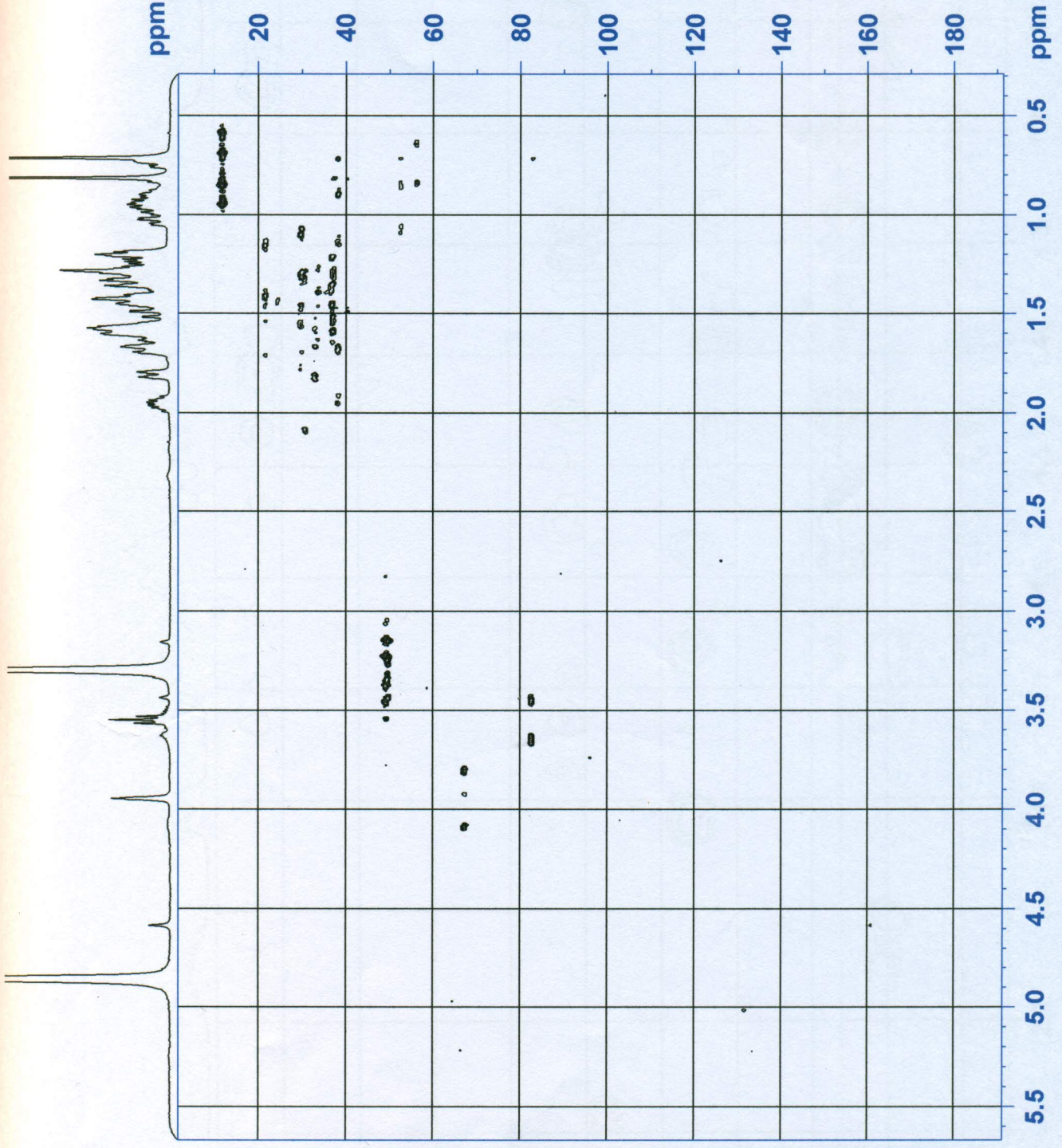
LAB. No. 118

NAME FEB24
 EXENO 4
 PROCNO 1
 DATE 15749
 TIME 1524
 INSTRUM spect
 PROBHD 5 mm TXI 1H-13
 PULPROG hmcgcpd1f
 TD 1024
 SOLVENT MeOD
 NS 32
 DS 8
 SWH 2693.966 Hz
 FIDRES 2.630826 Hz
 AQ 0.1902900 sec
 RG 32768
 DW 185.600 usec
 DE 6.50 usec
 TE 296.9 K
 CNST2 145.000000
 D0 0.0000300 sec
 D1 1.5000000 sec
 D2 0.00344828 sec
 D12 0.0002000 sec
 D13 0.0000400 sec
 D16 0.00015000 sec
 INO 0.00002090 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 7.40 usec
 PL1 14.80 usec
 PL2 3.00 dB
 SF01 500.2315007 MHz

===== CHANNEL f2 =====
 CPDPRG2 gart
 NUC2 13C
 P3 12.70 usec
 PCPD2 100.00 usec
 PL2 -4.00 dB
 PL12 25.00 dB
 SF02 125.7948834 MHz

===== GRADIENT CHANNEL =====
 GPNAM1 SINE.100
 GPNAM2 SINE.100
 GPNAM3 SINE.100
 GPX1 0.00
 GPX2 0.00
 GPY1 0.00
 GPY2 0.00
 GPY3 0.00
 GPZ1 50.00
 GPZ2 30.00
 GPZ3 40.10
 P16 1500.00 usec
 ND0 2
 TD 256
 SF01 125.7949 MHz
 FIDRES 93.363388 Hz
 SW 190.000 ppm
 FmMODE OF
 SI 1024
 SF 500.2300120 MHz
 SSB 0
 SINE 0
 WDW 0.00 Hz
 LB 0
 GB 0
 PC 1.00
 SI 512
 MC2 OF
 SF 125.7827554 MHz
 WDW 0
 SSB 0
 LB 0
 GB 0



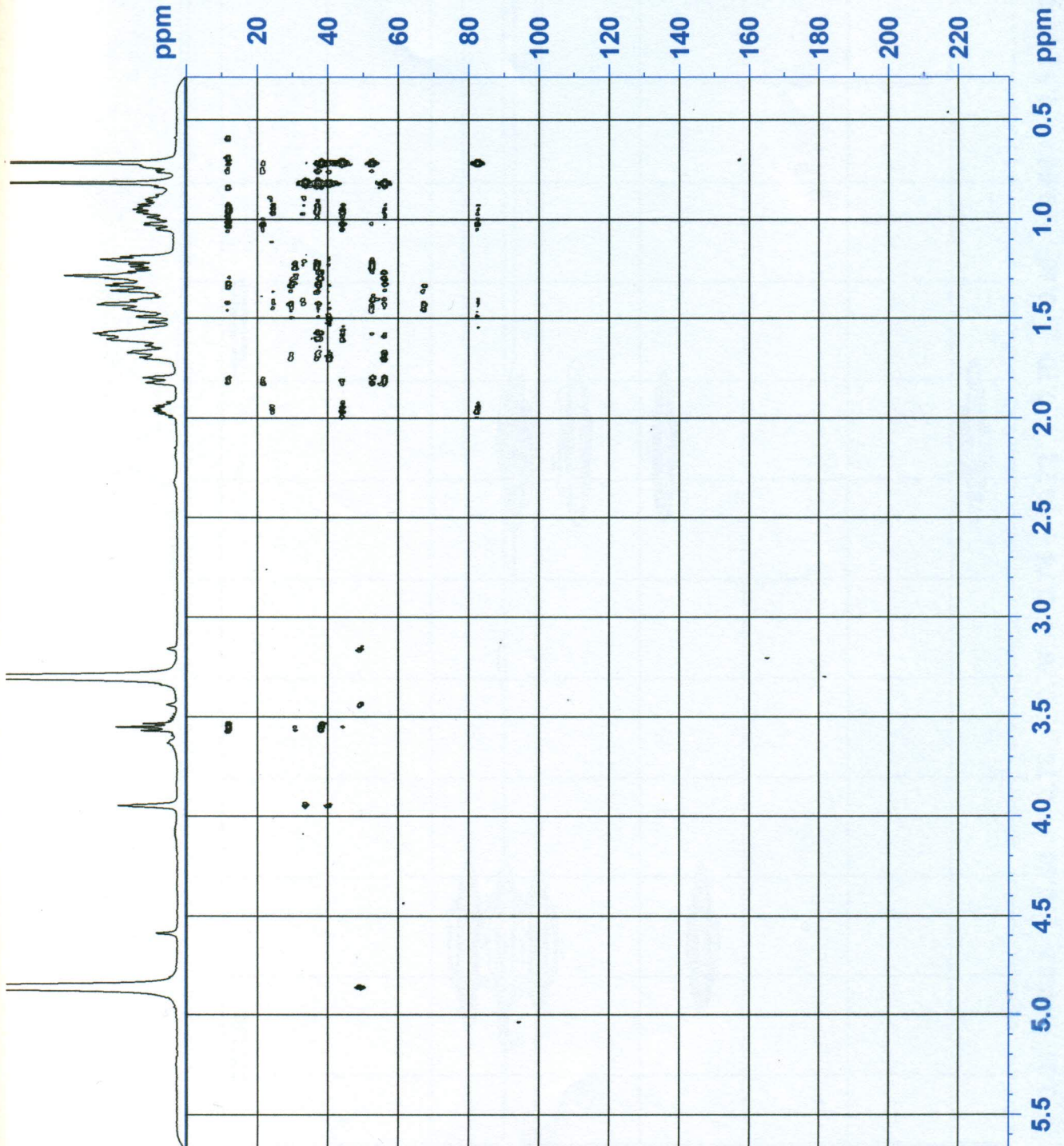
Sample: DIC-B2



NAME
 EXPNO 5
 PROCNO 1
 Date 20090224
 Time 19.44
 INSTRUM spect
 PROBHD 5 mm TXI 1H-13
 PULPROG hmbcpg1pndgf
 TD 2048
 SOLVENT MeOD
 NS 64
 DS 8
 SWH 2693.966 Hz
 FIDRES 1.315413 Hz
 AQ 0.3803444 sec
 RG 32768
 DW 185.600 usec
 DE 6.50 usec
 TE 297.1 K
 CNST2 145.0000000
 CNST13 10.0000000
 D0 0.00000300 sec
 D1 1.50000000 sec
 D2 0.00344828 sec
 D6 0.05000000 sec
 D16 0.00015000 sec
 IN0 0.00001690 sec

CHANNEL f1
 NUC1 1H
 P1 7.40 usec
 P2 14.80 usec
 PL1 3.00 dB
 SFO1 500.2315007 MHz
 CHANNEL f2
 NUC2 13C
 P3 12.70 usec
 PL2 -4.00 dB
 SFO2 125.7974871 MHz

GRADIENT CHANNEL
 GENAM1 SINE.100
 GENAM2 SINE.100
 GENAM3 SINE.100
 GEX1 0.00 %
 GEX2 0.00 %
 GEX3 0.00 %
 GXY1 0.00 %
 GXY2 0.00 %
 GXY3 0.00 %
 GFZ1 50.00 %
 GFZ2 30.00 %
 GFZ3 40.10 %
 P16 1500.00 usec
 NDO 2
 TD 256
 SFO1 125.7975 MHz
 FIDRES 115.478165 Hz
 SW 235.000 ppm
 FMODE QF
 SI 2048
 SF 500.2300120 MHz
 SINE SINE
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00
 SI 512
 NC2 QF
 SF 125.7827654 MHz
 SINE SINE
 SSB 0
 LB 0.00 Hz
 GB 0



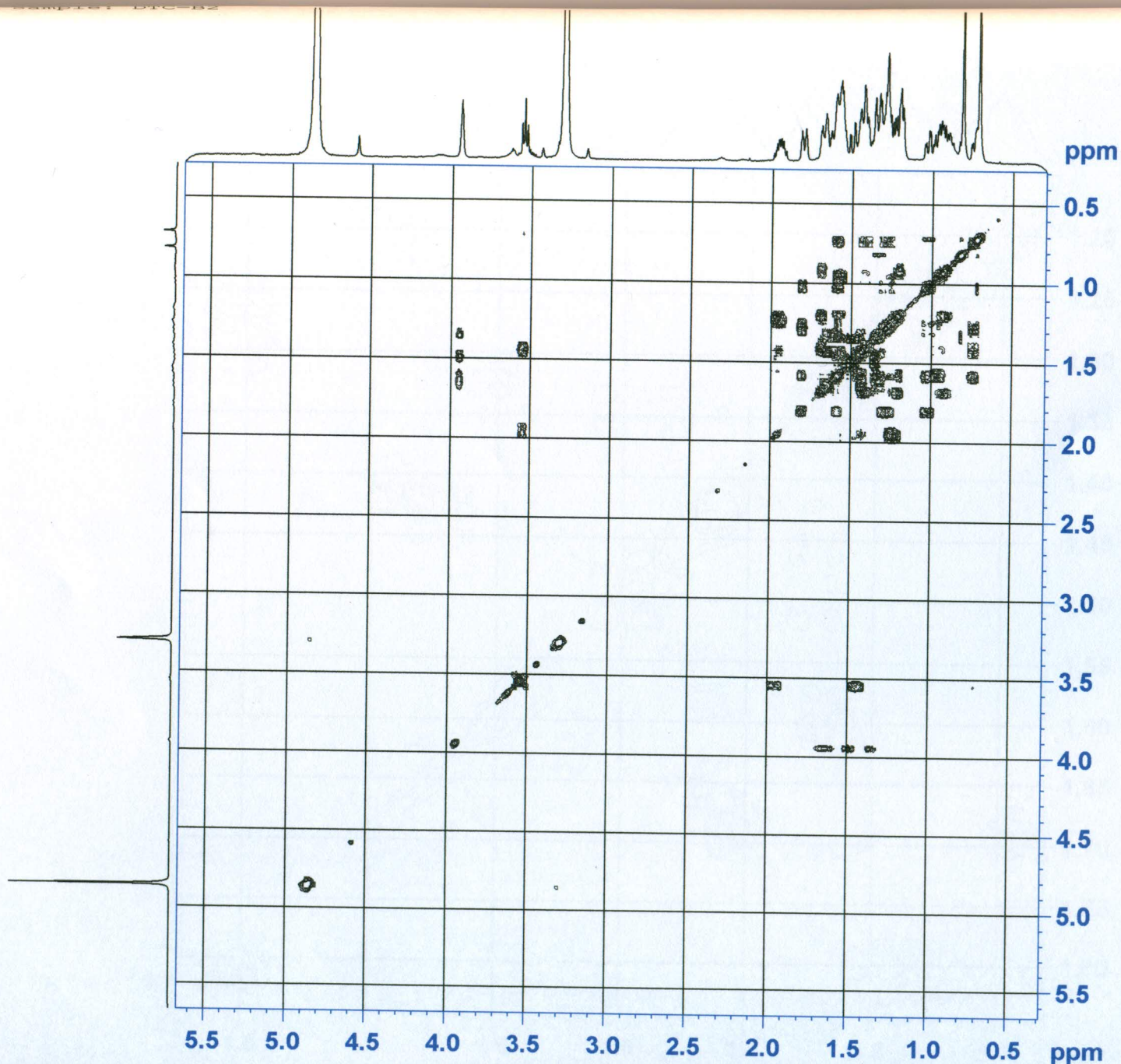


Lab. No. 118

NAME FEB24
EXPNO 2
PROCNO 1
Date_ 20090224
Time_ 11.16
INSTRUM spect
PROBHD 5 mm TXI 1H-13
PULPROG cosygpgf
TD 2048
SOLVENT MeOD
NS 8
DS 8
SWH 2693.966 Hz
FIDRES 1.315413 Hz
AQ 0.3803444 sec
RG 812.7
DW 185.600 usec
DE 6.50 usec
TE 297.3 K
DO 0.00000300 sec
D1 1.48689198 sec
D13 0.00000400 sec
D16 0.00015000 sec
IN0 0.00037120 sec

===== CHANNEL f1 =====
NUC1 1H
P0 7.40 usec
P1 7.40 usec
PL1 3.00 dB
SFO1 500.2315007 MHz

===== GRADIENT CHANNEL =====
GPNAM1 SINE.100
GPX1 0.00 %
GPY1 0.00 %
GPZ1 10.00 %
P16 1500.00 usec
NDO 1
TD 256
SFO1 500.2315 MHz
FIDRES 10.523305 Hz
SW 5.385 ppm
FnMODE QF
SI 1024
SF 500.2300120 MHz
WDW QSINE
SSB 0
LB 0.00 Hz
GB 0
PC 1.00
SI 1024
MC2 QF
SF 500.2300120 MHz
WDW QSINE
SSB 0
LB 0.00 Hz
GB 0



Salman/Prof. Iqbal
 Sample: DTC=B2



AVANCE 500
 LAB. No. 118

NAME FEB24
 EXPNO 3
 PROCNO 1
 Date 20090224
 Time 12.23
 INSTRUM spect
 PROBHD 5 mm TXI 1H-13
 PULPROG noesygpph
 TD 1024
 SOLVENT MeOD
 NS 16
 DS 8
 SWH 2693.966 Hz
 FIDRES 2.630826 Hz
 AQ 0.1902900 sec
 RG 574.7
 DW 185.600 usec
 DE 6.50 usec
 TE 297.4 K
 D0 0.00017618 sec
 D1 2.00000000 sec
 D8 0.80000001 sec
 D16 0.00015000 sec
 INO 0.00037120 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 7.40 usec
 P2 14.80 usec
 PL1 3.00 dB
 SF01 500.2315007 MHz

===== GRADIENT CHANNEL =====
 GPNAM1 SINE.100
 GPNAM2 SINE.100
 GPX1 0.00 %
 GPX2 0.00 %
 GPY1 0.00 %
 GPY2 0.00 %
 GPZ1 40.00 %
 GPZ2 -40.00 %
 P16 1500.00 usec
 NDO 1
 TD 256
 SF01 500.2315 MHz
 FIDRES 10.523305 Hz
 SW 5.385 ppm
 FhMODE States-TPPI
 SI 1024
 SF 500.2300120 MHz
 WDW QSINE
 SSB 2
 LB 0.00 Hz
 GB 0
 PC 1.00
 SI 1024
 MC2 States-TPPI
 SF 500.2300120 MHz
 WDW QSINE
 SSB 2
 LB 0.00 Hz
 GB 0

