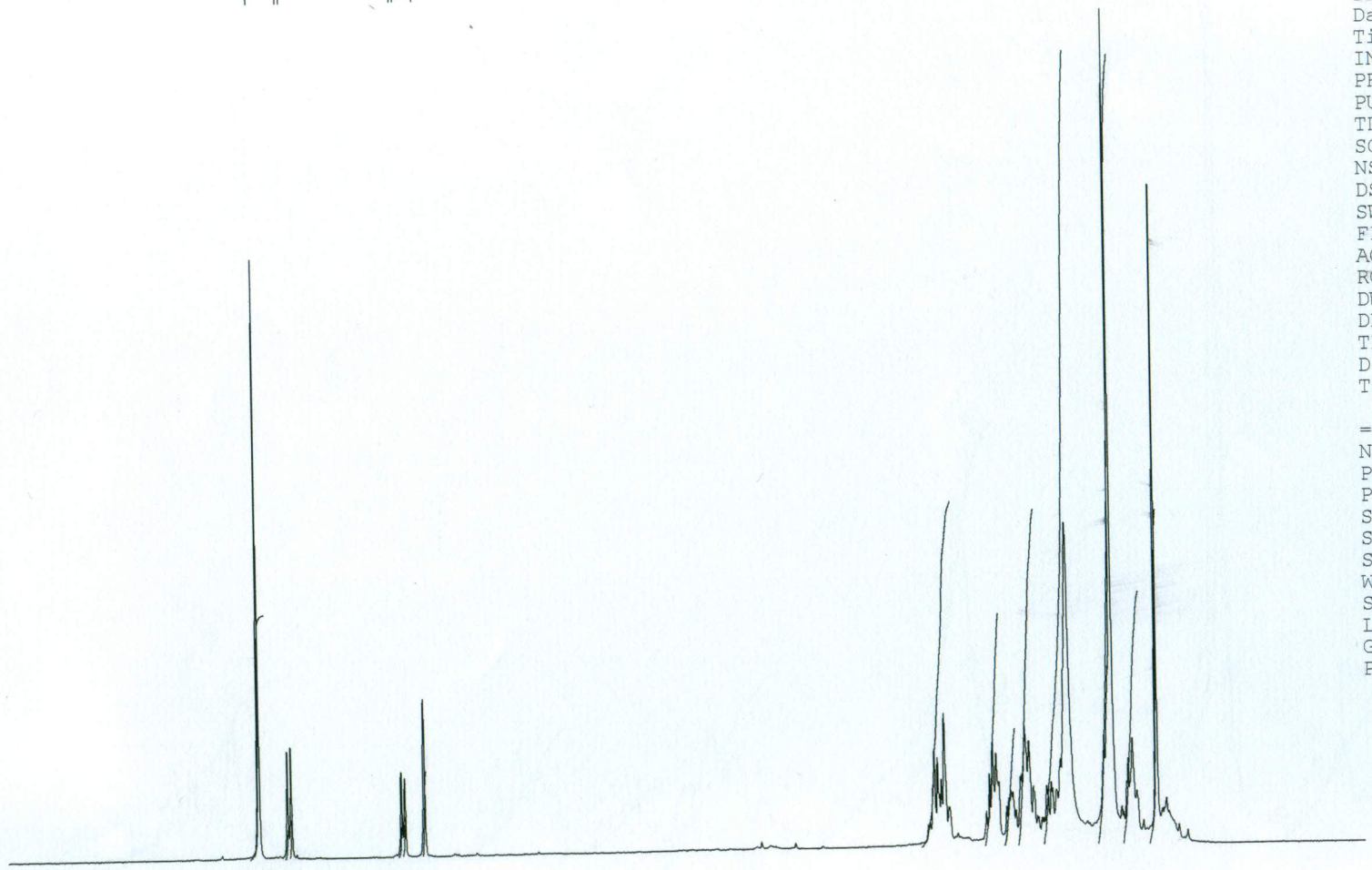


Salman/Dr, Iqbal/TGF-F6-1/

AVANCE 400-A
LAB. No. 109

7.240
7.038
7.012
6.236
6.211
6.075

2.500
2.490
2.468
2.442
2.419
2.386
2.125
2.102
2.079
2.054
2.032
1.980
1.965
1.949
1.935
1.880
1.872
1.849
1.819
1.790
1.550
1.241
1.127
1.096
0.928



NAME Oct08
EXPNO 2
PROCNO 1
Date_ 20091008
Time 10.44
INSTRUM spect
PROBHD 5 mm Dual 13C/
PULPROG zg30
TD 32768
SOLVENT CDC13
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 300.7 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 8.10 usec
PL1 4.00 dB
SFO1 400.2328016 MHz
SI 16384
SF 400.2300132 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 2.00

0.31
0.05
0.06
0.06
0.06
0.11

0.44
0.30
0.16
0.43
1.01
1.00
0.32
0.43

8 7 6 5 4 3 2 1 0 ppm



AVANCE AV 500
LAB. No. 108

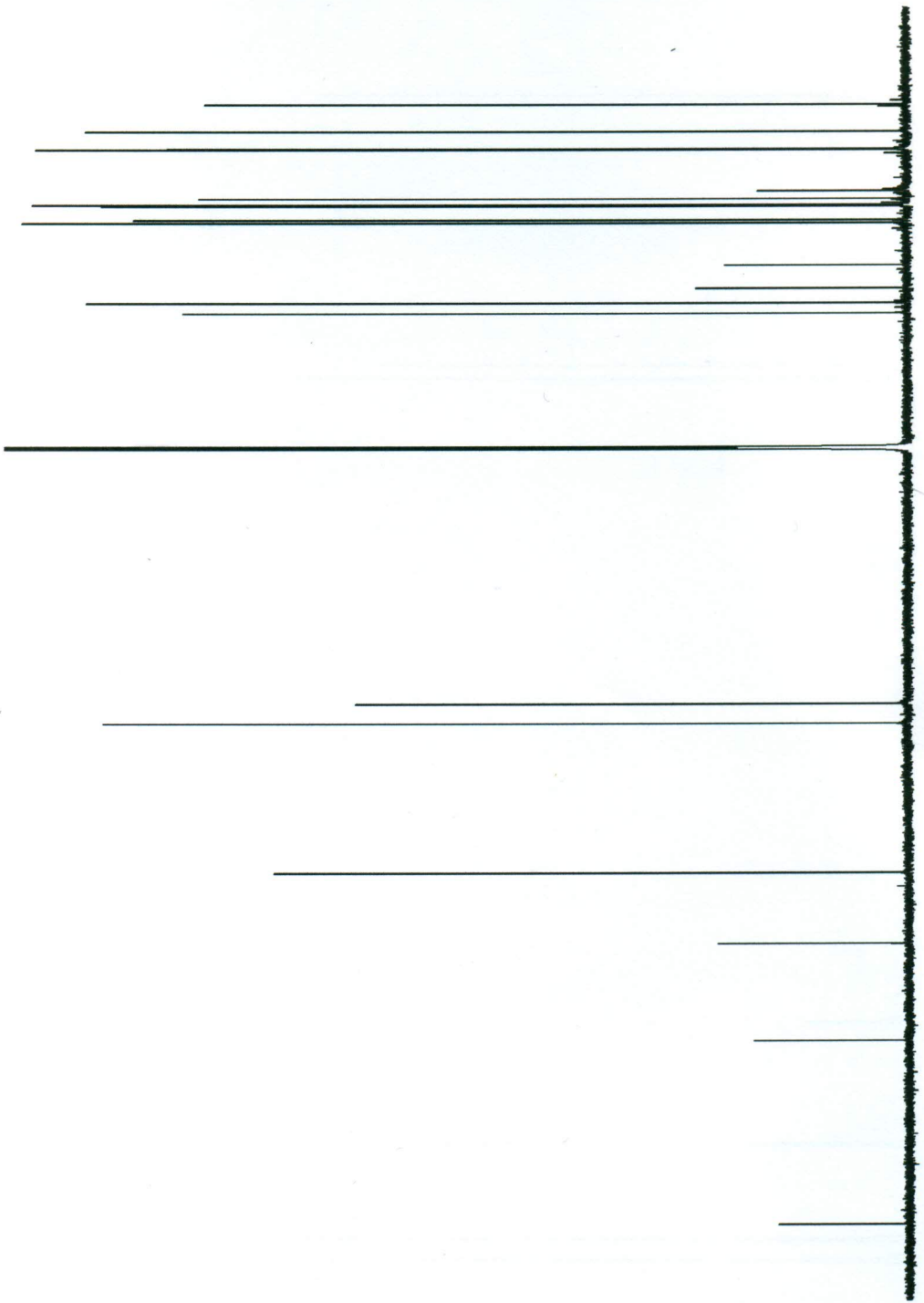
Sample: TGFF61

220.09
186.28
168.33
155.34
127.75
124.18
77.25
77.04
76.83
52.25
50.40
47.72
43.44
35.67
35.11
32.56
32.31
31.95
31.18
29.73
29.40
22.73

NAME
EXPNO 1
PROCNO 1
Date_ 20091026
Time_ 22.00
INSTRUM spect
PROBHD 5 mm CPTCI 1H-
PULPROG zgpg
TD 65536
SOLVENT CDCl3
NS 12288
DS 2
SWH 35971.223 Hz
FIDRES 0.548877 Hz
AQ 0.9110143 sec
RG 32768
DE 13.900 usec
TE 6.50 usec
TE 294.1 K
D1 1.50000000 sec
D11 0.03000000 sec
TDO 12

==== CHANNEL f1 =====
NUC1 13C
P1 16.00 usec
PL1 2.00 dB
PL1W 66.40702820 W
SFO1 150.9453107 MHz

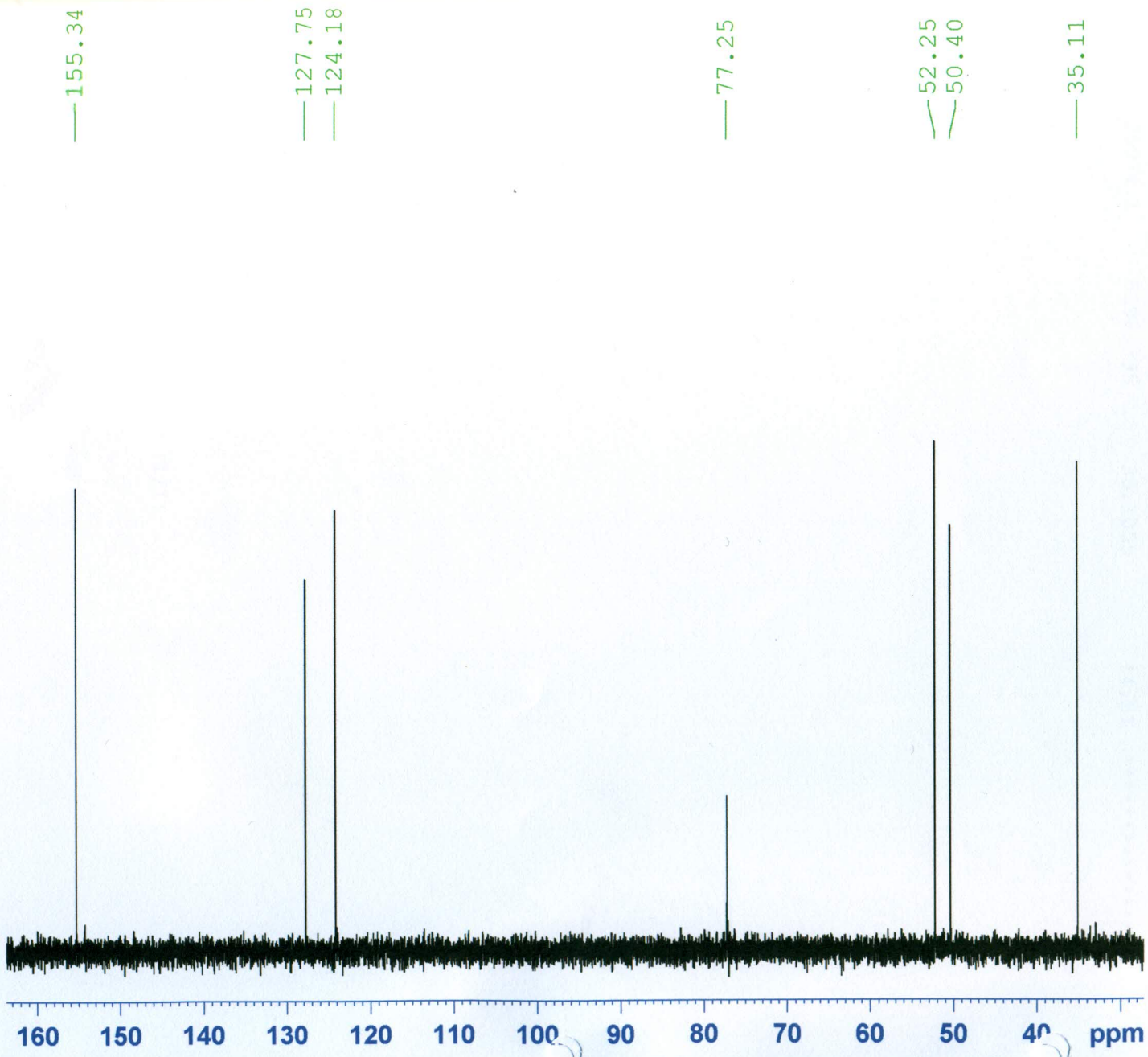
==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 65.00 usec
PL2 3.30 dB
PL12 22.06 dB
PL13 27.00 dB
PL2W 9.16420078 W
PL12W 0.12192553 W
PL13W 0.03909260 W
SFO2 600.2336014 MHz
SI 32768
SF 150.9279540 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



220 200 180 160 140 120 100 80 60 40 20 ppm



BRUKER
1000 MHz
5 mm QNP 1H-
13C CP
13C NMR



NAME Oct 26
 EXPNO 8
 PROCNO 1
 Date_ 20091027
 Time_ 8.24
 INSTRUM spect
 PROBHD 5 mm CPTCI 1H-
 PULPROG deptsp90
 TD 65536
 SOLVENT CDC13
 NS 334
 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 293.6 K
 CNST2 145.000000
 D1 1.5000000 sec
 D2 0.00344828 sec
 D12 0.00002000 sec
 TD0 6

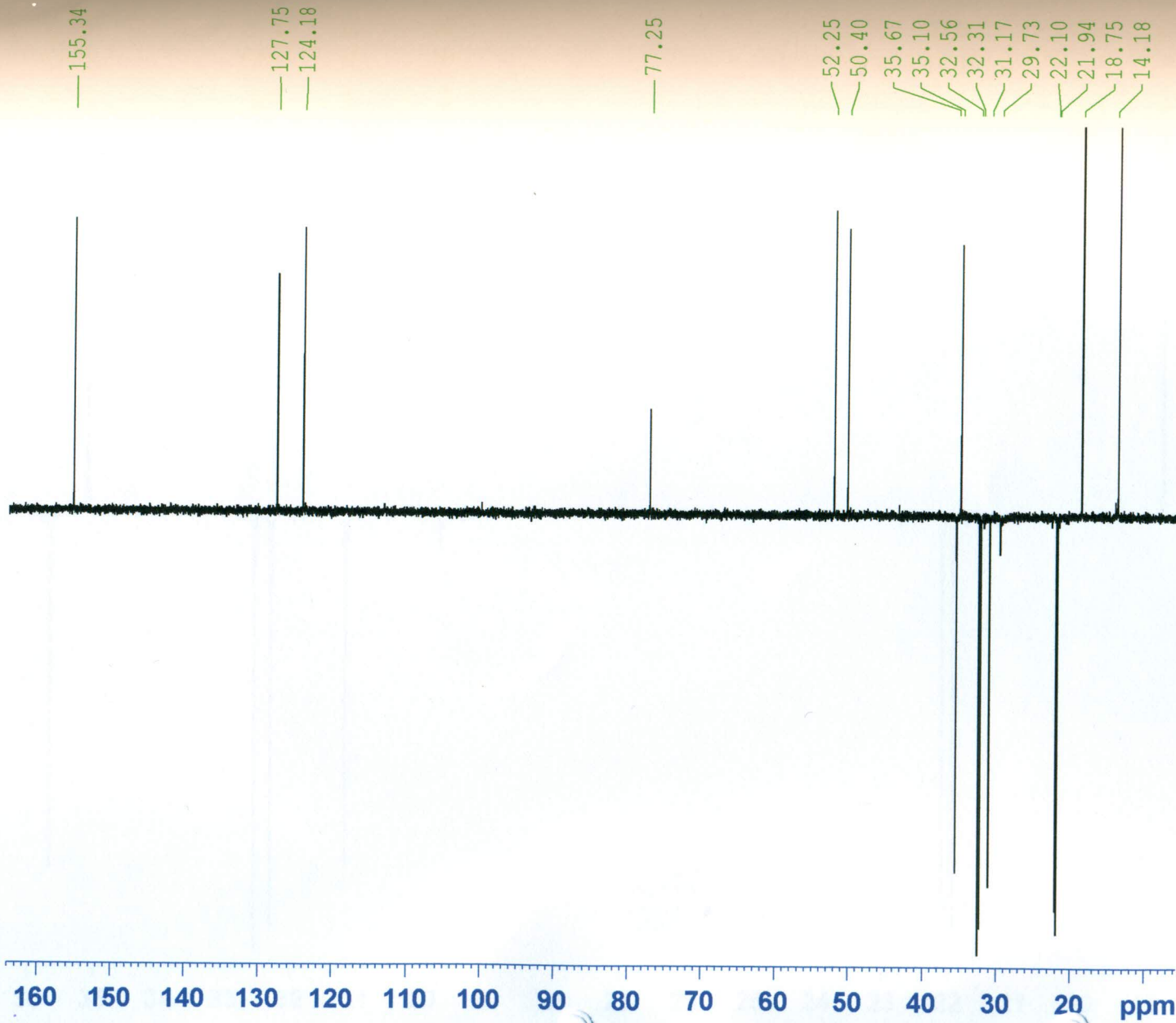
===== CHANNEL f1 =====
 NUC1 13C
 P1 16.00 usec
 P12 2000.00 usec
 PL0 120.00 dB
 PL1 2.00 dB
 PLOW 0.00000000 W
 PL1W 66.40702820 W
 SFO1 150.9430463 MHz
 SP2 1.99 dB
 SPNAM2 Crp60comp.4
 SPOAL2 0.500
 SPOFFS2 0.00 Hz

===== 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 150.9279540 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

Salman/Dr. Iqbal
Sample: TGFF61



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NAME Oct 26
EXPNO 7
PROCNO 1
Date 20091027
Time 6.30
INSTRUM spect
PROBHD 5 mm CPTCI 1H-
PULPROG deptspi35
TD 65536
SOLVENT CDCl3
NS 3283
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 293.4 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
PLOW 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

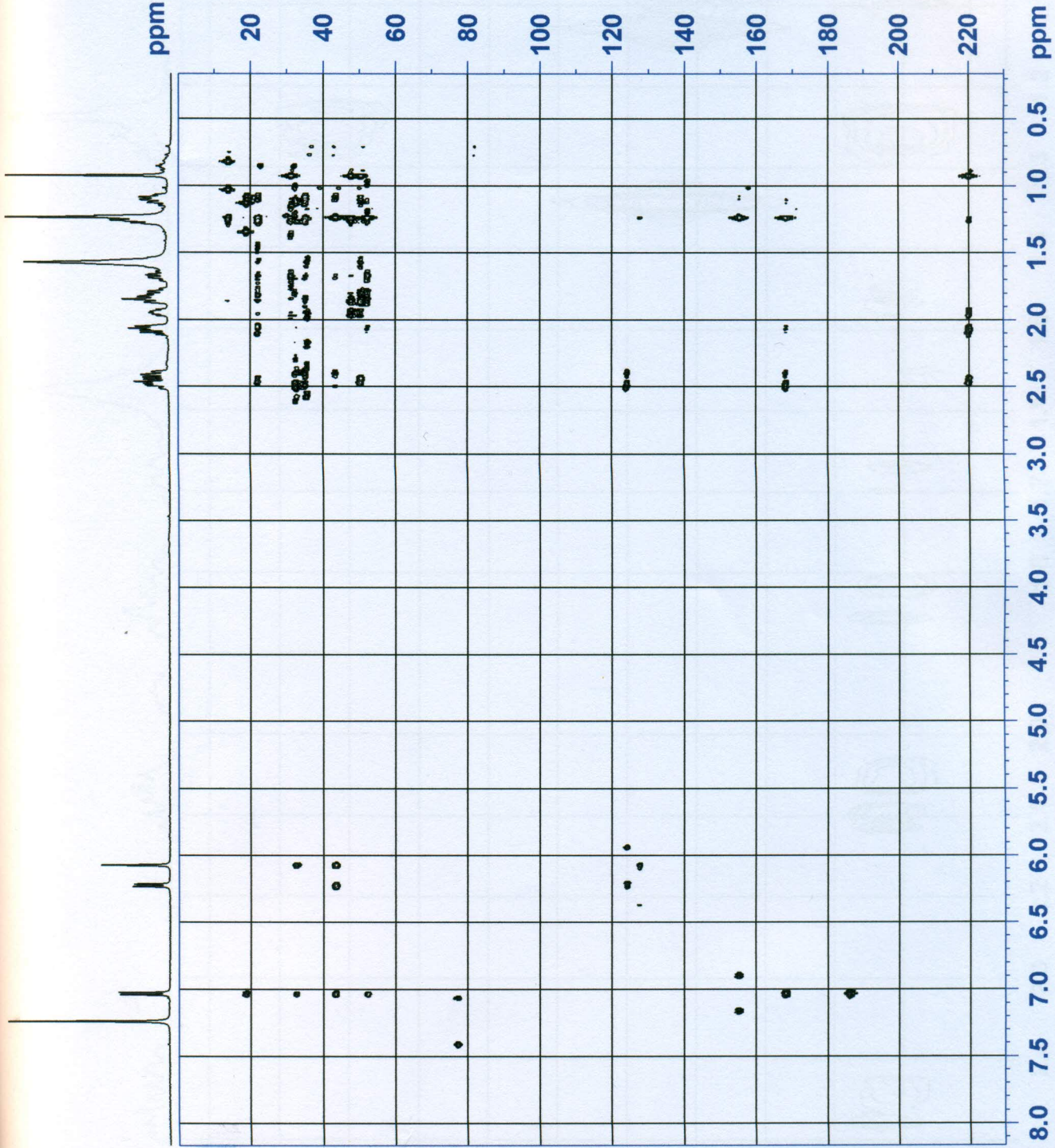
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
P3 7.50 usec
P4 15.00 usec
PCPD2 65.00 usec
PL2 3.30 dB
PL12 22.06 dB
PL2W 9.16420078 W
PL12W 0.12192553 W
SFO2 600.2324009 MHz
SI 32768
SF 150.9279540 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

ADVANCE AV 600
LAB. No. 108



NAME
EXPNO 5
PROCNO 1
Date 20091026
Time 16.48
INSTRUM spect
PROBHD 5 mm CPTCl IH-
PULPROG hmbegp1pndqf
TD 4096
SOLVENT CDC13
NS 32
DS 8
SWH 4807.692 Hz
FIDRES 1.173753 Hz
AQ 0.42261380 sec
RG 46341
DW 104.000 usec
DE 6.50 usec
TE 294.5 K
CNST2 145.0000000
CNST13 13.0000000
D0 0.00000300 sec
D1 1.50000000 sec
D2 0.00344828 sec
D6 0.03846154 sec
DL6 0.00015000 sec
LN0 0.00001440 sec

===== CHANNEL f1 =====
NUC1 1H
F1 7.40 usec
F2 14.80 usec
PL1 3.30 dB
PL1W 9.16420078 W
SFO1 600.2325210 MHz
===== CHANNEL f2 =====
NUC2 13C
F3 10.00 usec
FL2 2.00 dB
FL2W 66.40702820 W
SFO2 150.9453107 MHz
===== GRADIENT CHANNEL =====
GENAM1 SINE.100
GENAM2 SINE.100
GENAM3 SINE.100
GFZ1 50.00 %
GFZ2 30.00 %
GFZ3 40.10 %
F16 2000.00 usec
NDO 2
TD 256
SFO1 150.9453 MHz
SW 135.614929 Hz
FIDRES 230.000 ppm
FMODE OF
SI 1024
SF 600.2300250 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0
PC 1.40
SI 1024
MC2 QF
SF 150.9279540 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0



SAMPLE, TCFPC1



AVANCE AV 600
LAB. No. 108

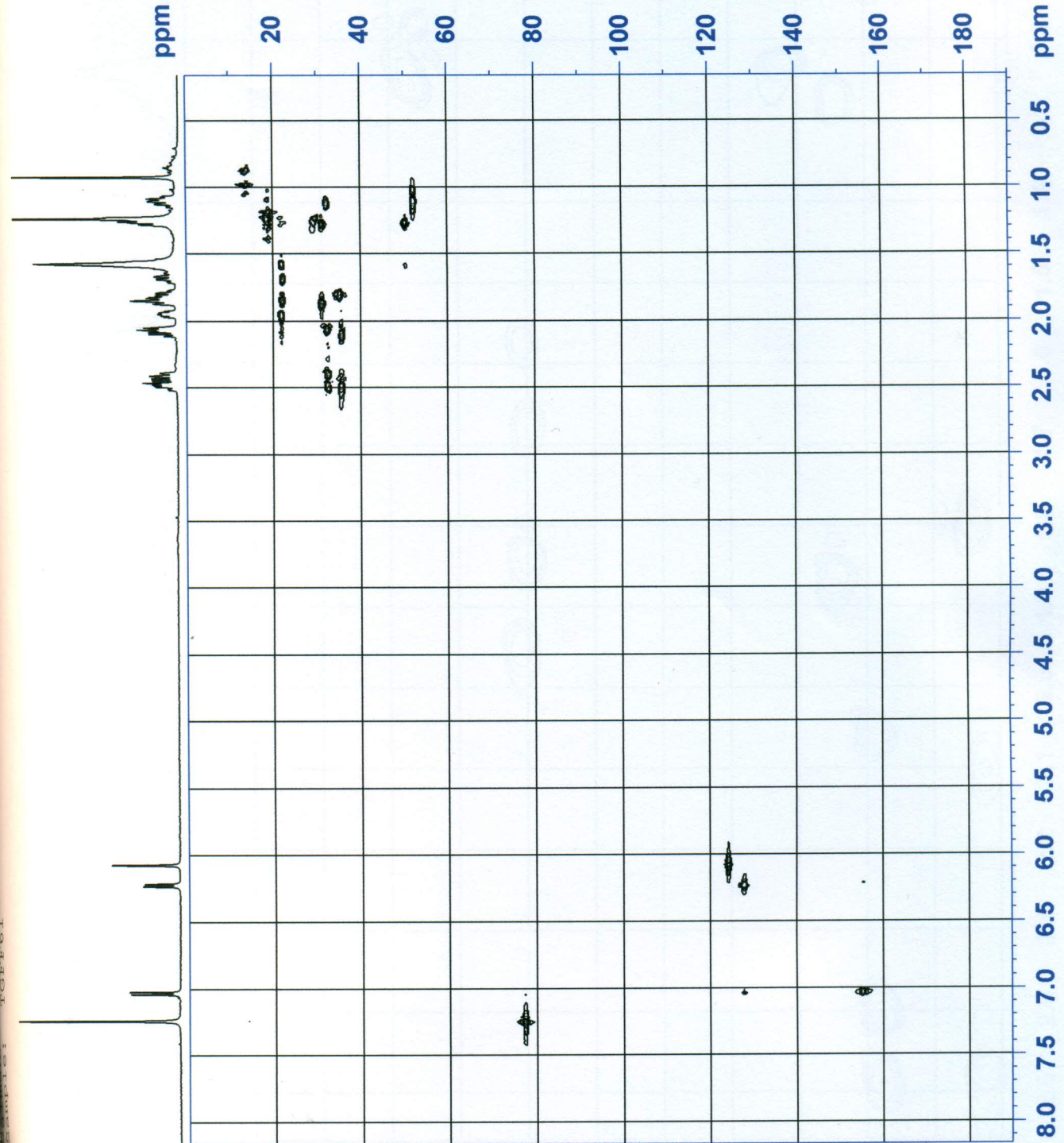
```

NAME                               Oct 26
EXNO                                4
PROCNO                              1
Date_                               20091026
Time_                               13.05
INSTRUM spect
PROBHD 5 mm CPTCI LH-
PULPROG hsqcetps1
TD 1024
SOLVENT CDCl3
NS 32
DS 8
SWH 4807.692 Hz
FIDRES 4.695012 Hz
AQ 0.1066500 sec
RG 46341
DW 104.000 usec
DE 6.50 usec
TE 294.5 K
CNST2 145.0000000
D0 0.00000300 sec
D1 1.50000000 sec
D4 0.00172414 sec
D11 0.03000000 sec
D13 0.00000400 sec
D16 0.00015000 sec
D24 0.00110000 sec
INO 0.00001745 sec
ZGPTNS

===== CHANNEL f1 =====
NIC1 1H
P1 7.40 usec
P2 14.80 usec
P28 0.50 usec
PL1 3.30 dB
PL1W 9.16420078 W
SFO1 600.2325210 MHz

===== CHANNEL f2 =====
CPDPRG2 gart
NIC2 13C
P3 10.00 usec
P4 20.00 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 =====
GENM1 SINE.100
GENM2 SINE.100
GEZ1 80.00 A
GEZ2 20.10 A
PL6 2000.00 usec
ND0 2
TD 256
SFO1 150.9423 MHz
FIDRES 112.027481 Hz
SW 190.000 ppm
FMODE Echo-Antiecho
SI 1024
SF 600.2300250 MHz
WDW QSI
SSB 2
LB 0.00 Hz
GB 0
PC 4.00
SI 1024
MC2 echo-antiecho
SF 150.9279540 MHz
WDW QSI
SSB 2
LB 0.00 Hz
GB 0
  
```



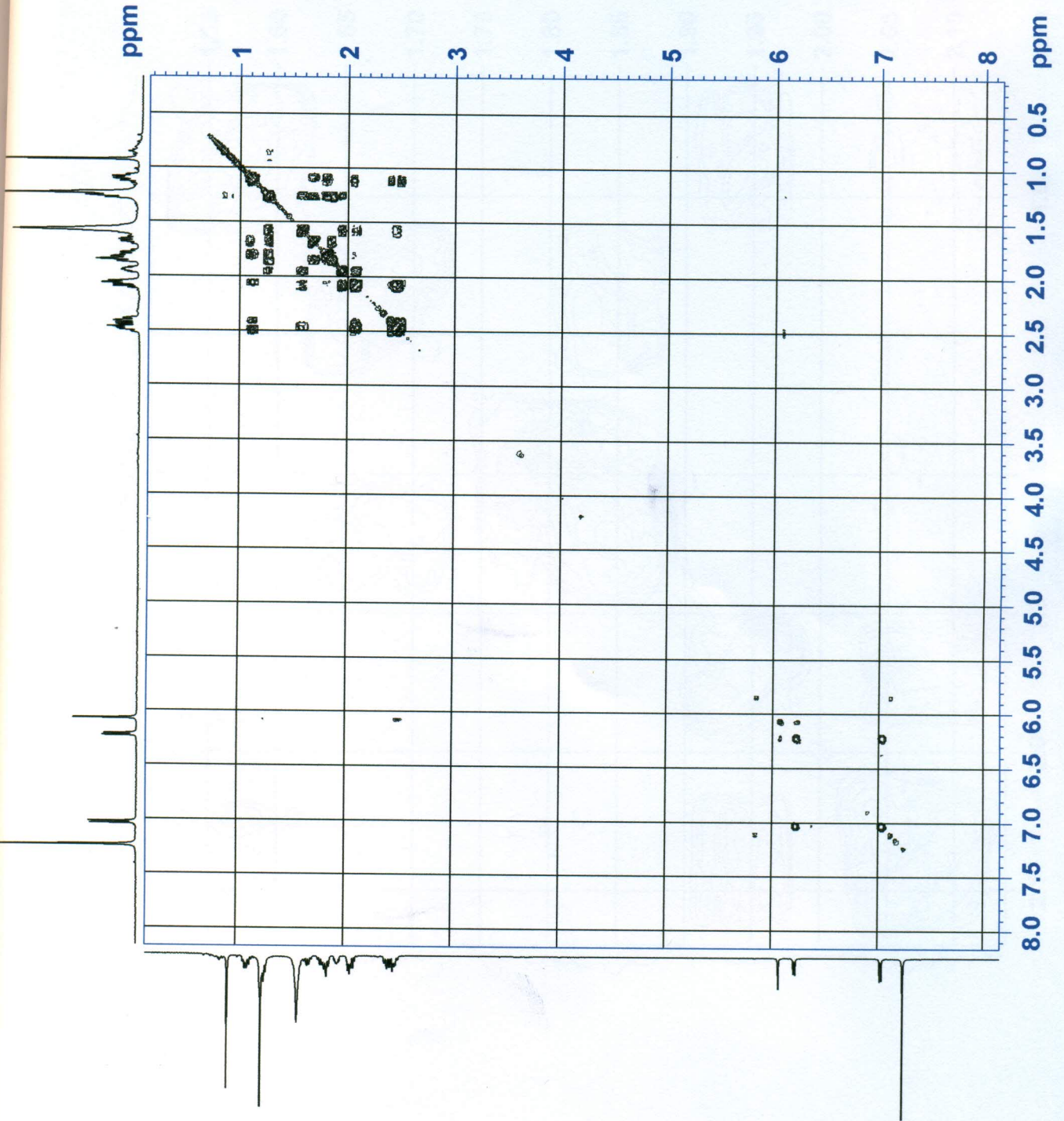
Example 100001



BRIDGE AV 600
LAB. No. 108

NAME Oct 26
 EXPNO 2
 PROCNO 1
 Date_ 20091026
 Time_ 9.18
 INSTRUM spect
 PROBHD 5 mm CPTCI 1H-
 PULPROG cosydfqf
 TD 2048
 SOLVENT CDCl3
 NS 8
 DS 4
 SWH 4807.692 Hz
 FIDRES 2.347506 Hz
 AQ 0.2131460 sec
 RG 35.9
 DW 104.000 usec
 DE 6.50 usec
 TE 294.3 K
 D0 0.0000300 sec
 D1 1.5000000 sec
 D13 0.0000400 sec
 D20 0.0000200 sec
 IN0 0.0002080 sec

==== CHANNEL f1 =====
 NUC1 1H
 P1 7.40 usec
 PL1 3.30 dB
 PL1W 9.16420078 W
 SFO1 600.2325210 MHz
 ND0 1
 TD 256
 SFO1 600.2325 MHz
 FIDRES 18.780046 Hz
 SW 8.010 ppm
 FhMODE QF
 SI 1024
 SF 600.2300250 MHz
 WDW QSINE
 SSB 0
 LB 0.00 Hz
 GB 0
 FC 1.40
 SI 1024
 MC2 QF
 SF 600.2300250 MHz
 WDW QSINE
 SSB 0
 LB 0.00 Hz
 GB 0





AVANCE AV 600
LAB. No. 108

Sample: TGFF61

NAME Oct 26
EXPNO 3
PROCNO 1
Date 20091026
Time 10.18
INSTRUM spect
PROBHD 5 mm CPTCI 1H-
PULPROG noesypph
TD 1024
SOLVENT CDCl3
NS 16
DS 4
SWH 4807.692 Hz
FIDRES 4.695012 Hz
AQ 0.1066500 sec
RG 57
DW 104.000 usec
DE 6.50 usec
TE 294.6 K
D0 0.00009458 sec
D1 1.50000000 sec
D8 0.80000001 sec
D16 0.00015000 sec
INO 0.00020800 sec

==== CHANNEL f1 =====
NUC1 1H
P1 7.40 usec
P2 14.80 usec
PL1 3.30 dB
PL1W 9.16420078 W
SF01 600.2325210 MHz

==== GRADIENT CHANNEL =====
GPNAM1 SINE,100
GPNAM2 SINE,100
GPZ1 40.00 %
GPZ2 -40.00 %
P16 2000.00 usec
ND0 1
TD 256
SF01 600.2325 MHz
FIDRES 18.780046 Hz
SW 8.010 ppm
FnMODE States-TPPI
SI 1024
SF 600.2300250 MHz
WDW QSSINE
SSB 2
LB 0.00 Hz
GB 0
PC 1.40
SI 1024
MC2 States-TPPI
SF 600.2300250 MHz
WDW QSSINE
SSB 2
LB 0.00 Hz
GB 0

