

Supplementary Materials

NMR Champanone D

A
PROTON

15.845

7.474

5.374
5.351

3.063
3.027
2.979

1.897
1.462
1.437

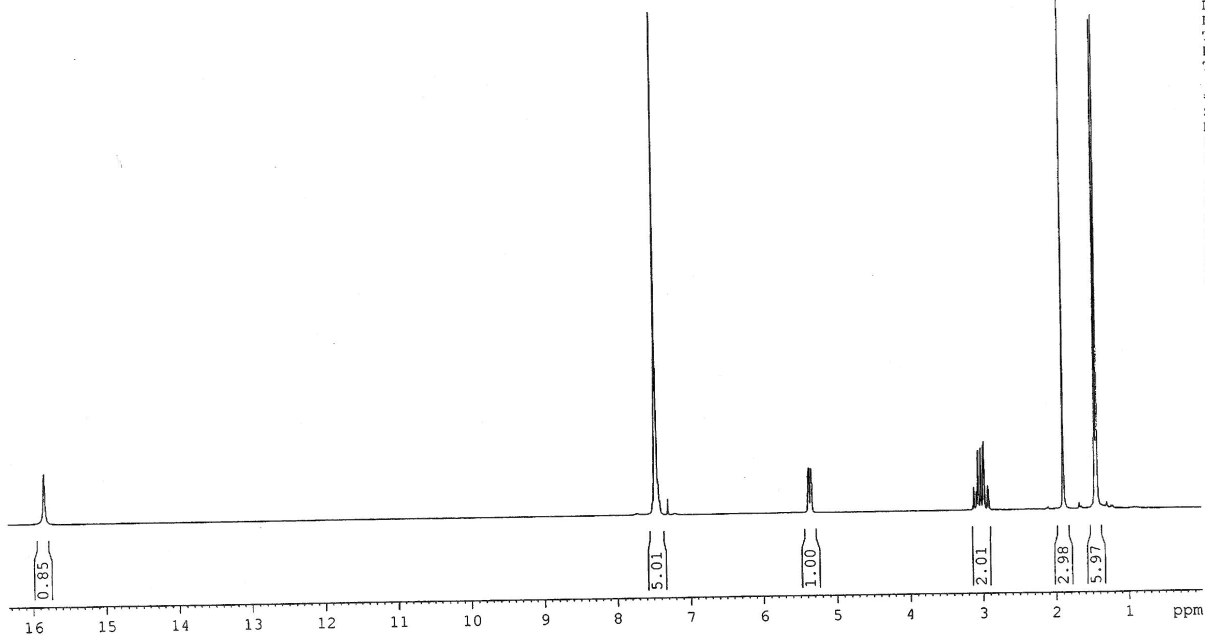


Current Data Parameters
NAME FE - A
EXPNO 1
PROCNO 1

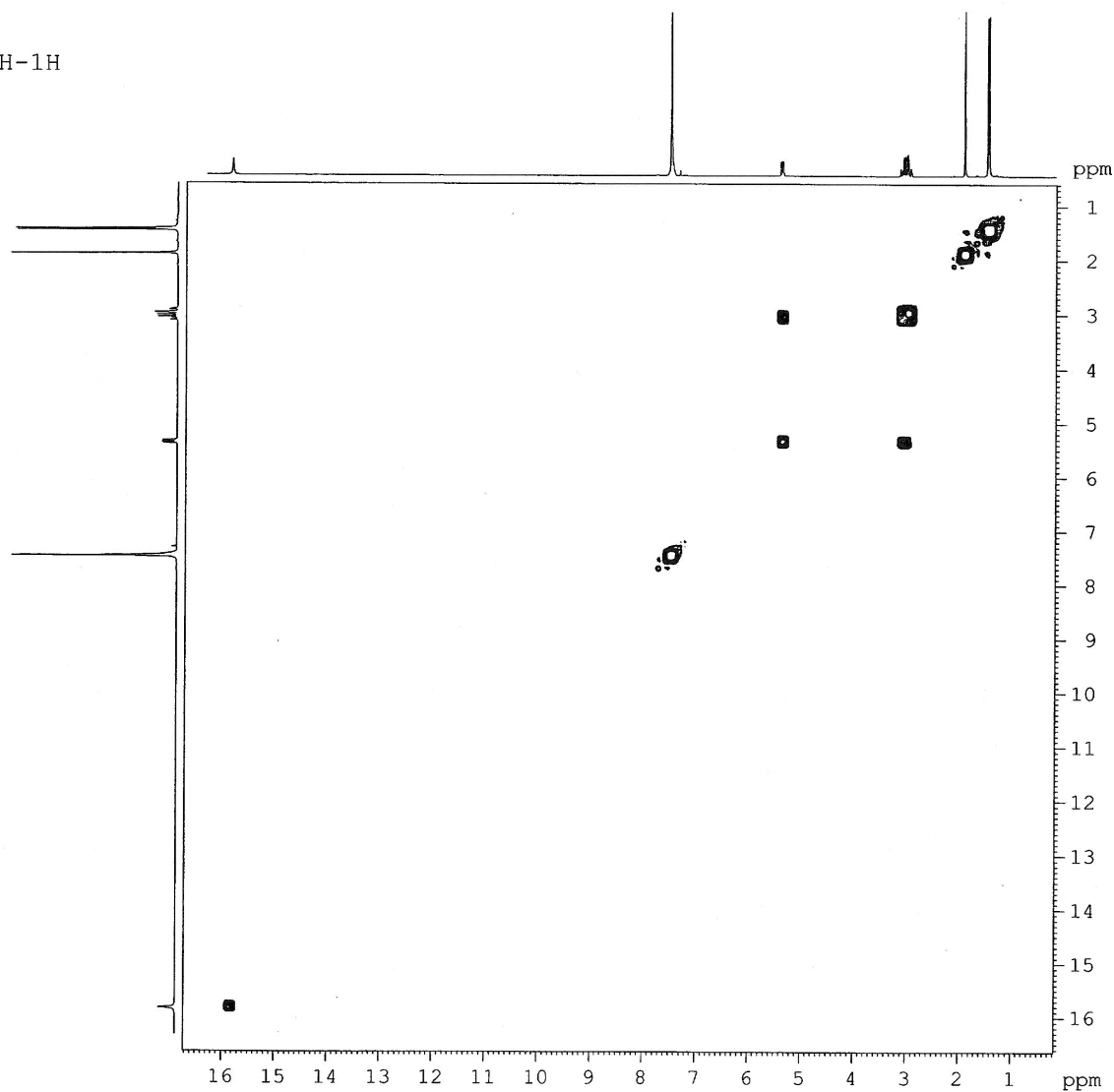
F2 - Acquisition Parameters
Date_ 20140410
Time 18.14
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 6103.516 Hz
FIDRES 0.093132 Hz
AQ 5.3687091 sec
RG 15.4372
DW 81.920 usec
DE 6.50 usec
TE 300.0 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 300.1698537 MHz
NUC1 1H
P1 9.16 usec
PLW1 30.00000000 W

F2 - Processing parameters
SI 65536
SF 300.1680000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



A
COSY 1H-1H



Current Data Parameters
NAME FE - A
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140411
Time 9.50
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG cosygpgf
TD 2048
SOLVENT CDC13
NS 2
DS 8
SWH 12207.031 Hz
FIDRES 5.960464 Hz
AQ 0.0838861 sec
RG 15.5152
DW 40.960 usec
DE 6.50 usec
TE 300.0 K
D0 0.00000300 sec
D1 2.00000000 sec
D13 0.00000400 sec
D16 0.00020000 sec
IN0 0.00008200 sec

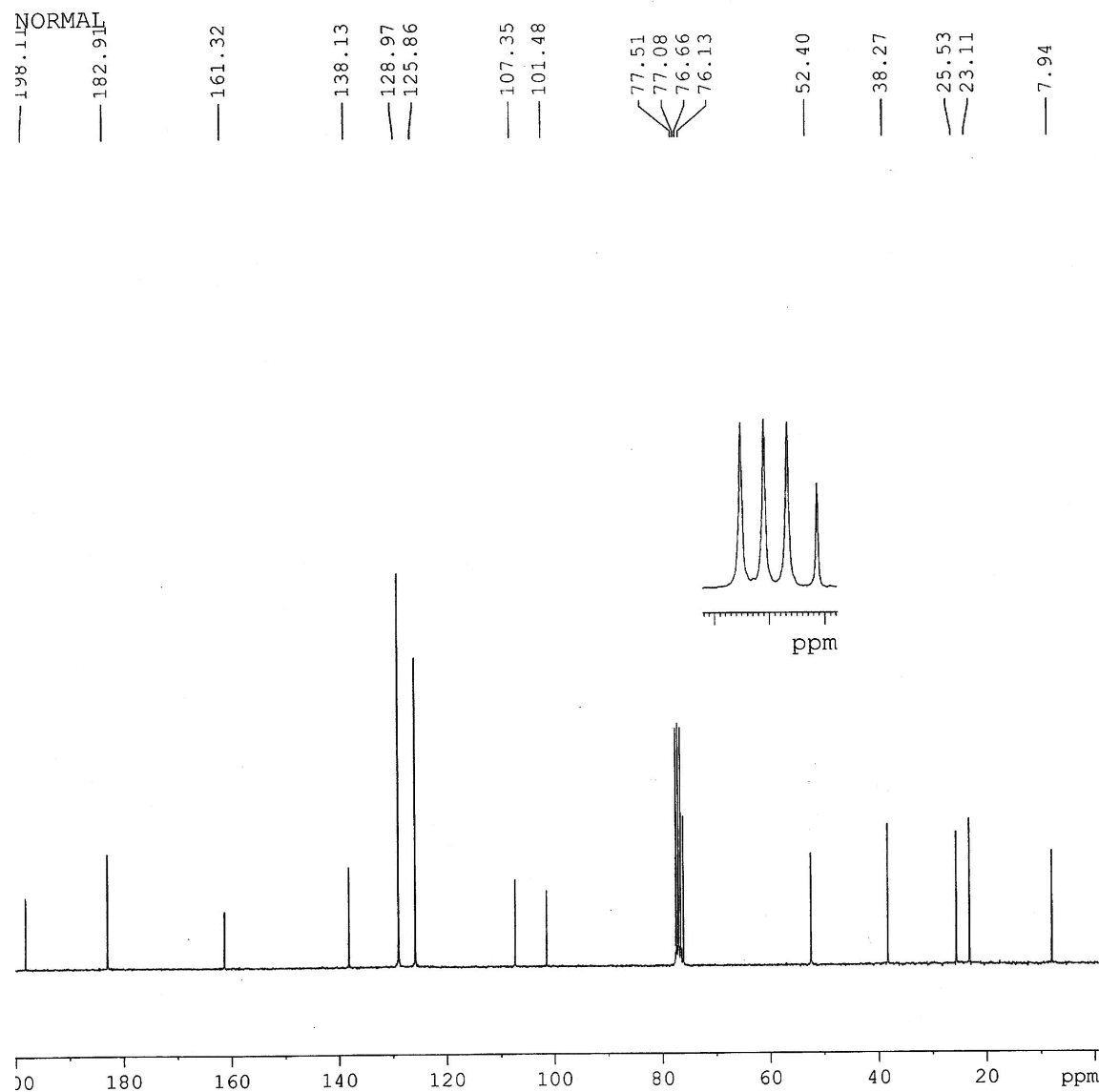
===== CHANNEL f1 =====
SFO1 300.1693808 MHz
NUC1 1H
P0 9.16 usec
P1 9.16 usec
PLW1 30.00000000 W

===== GRADIENT CHANNEL =====
GPNAM[1] RECT.1
GPZ1 10.00 %
PI6 1000.00 usec

F1 - Acquisition parameters
TD 128
SFO1 300.1694 MHz
FIDRES 95.274391 Hz
SW 40.627 ppm
FnMODE QF

F2 - Processing parameters
SI 1024
SF 300.1680000 MHz
WDW QSINE
SSB 0
LB 0 Hz
GB 0
PC 1.40

F1 - Processing parameters
SI 1024
MC2 QF
SF 300.1680000 MHz
WDW QSINE
SSB 0
LB 0 Hz
GB 0



Current Data Parameters
 NAME FE - A
 EXPNO 6
 PROCNO 1

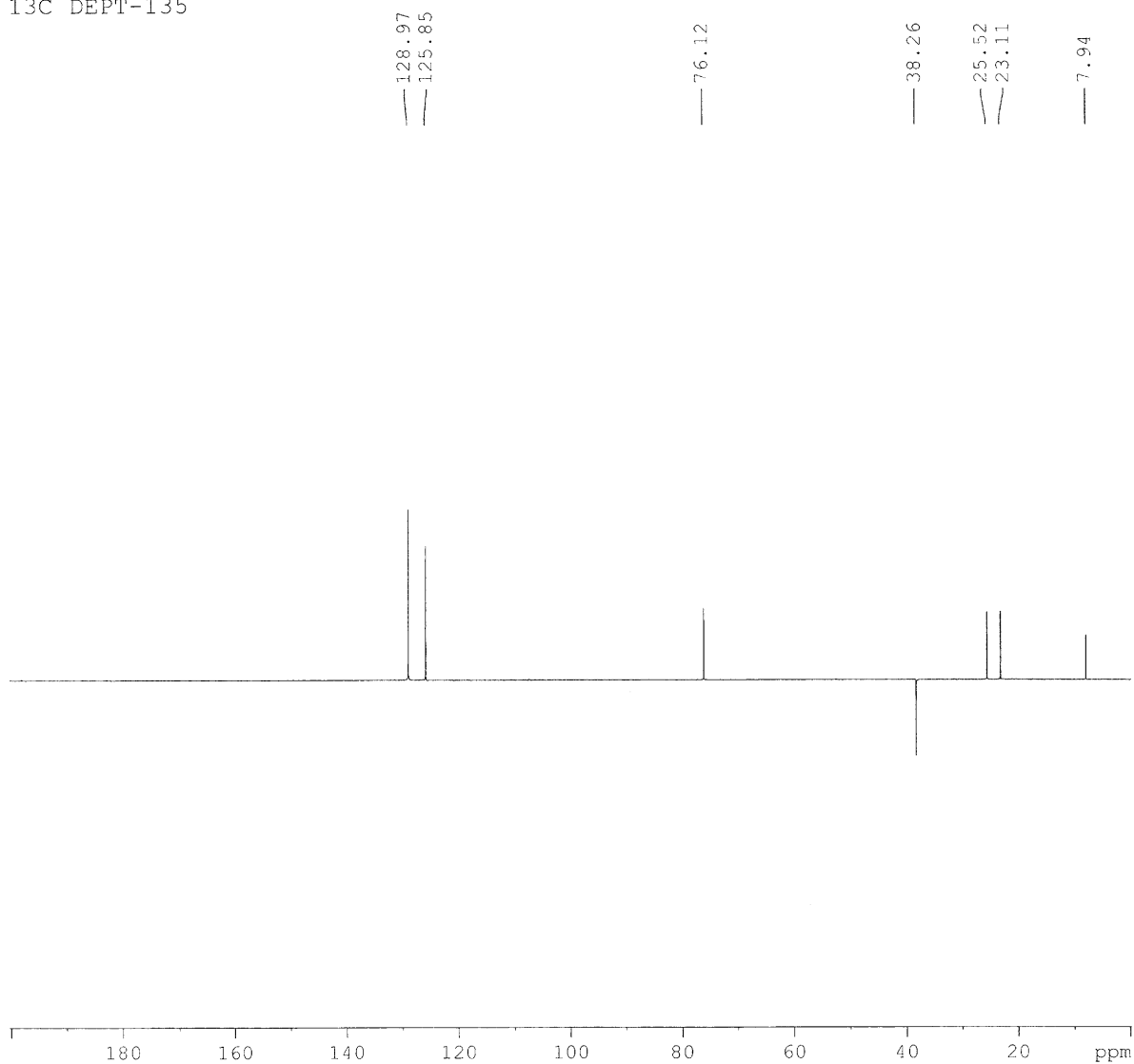
F2 - Acquisition Parameters
 Date 20140410
 Time 23.42
 INSTRUM FOURIER300
 PROBHD 5 mm DUL 13C-1
 PULPROG zgpg30
 TD 32768
 SOLVENT CDC13
 NS 10004
 DS 4
 SWH 24414.063 Hz
 FIDRES 0.745058 Hz
 AQ 0.6710886 sec
 RG 501.187
 DW 20.480 usec
 DE 6.50 usec
 TE 300.1 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 D31 0.00001250 sec
 D40 0.02432300 sec
 L4 18
 L5 49
 P32 105.00 usec
 TD0 1

===== CHANNEL f1 =====
 SFO1 75.4848517 MHz
 NUC1 13C
 P1 12.50 usec
 PLW1 25.00300026 W

===== CHANNEL f2 =====
 SFO2 300.1692007 MHz
 NUC2 1H
 CPDPRG2 waltz16
 PCPD2 105.00 usec
 PLW2 30.00000000 W
 PLW12 0.22781999 W
 PLW13 0.25117001 W

F2 - Processing parameters
 SI 32768
 SF 75.4773040 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

A
13C DEPT-135



Current Data Parameters
NAME FE - A
EXPNO 5
PROCNO 1

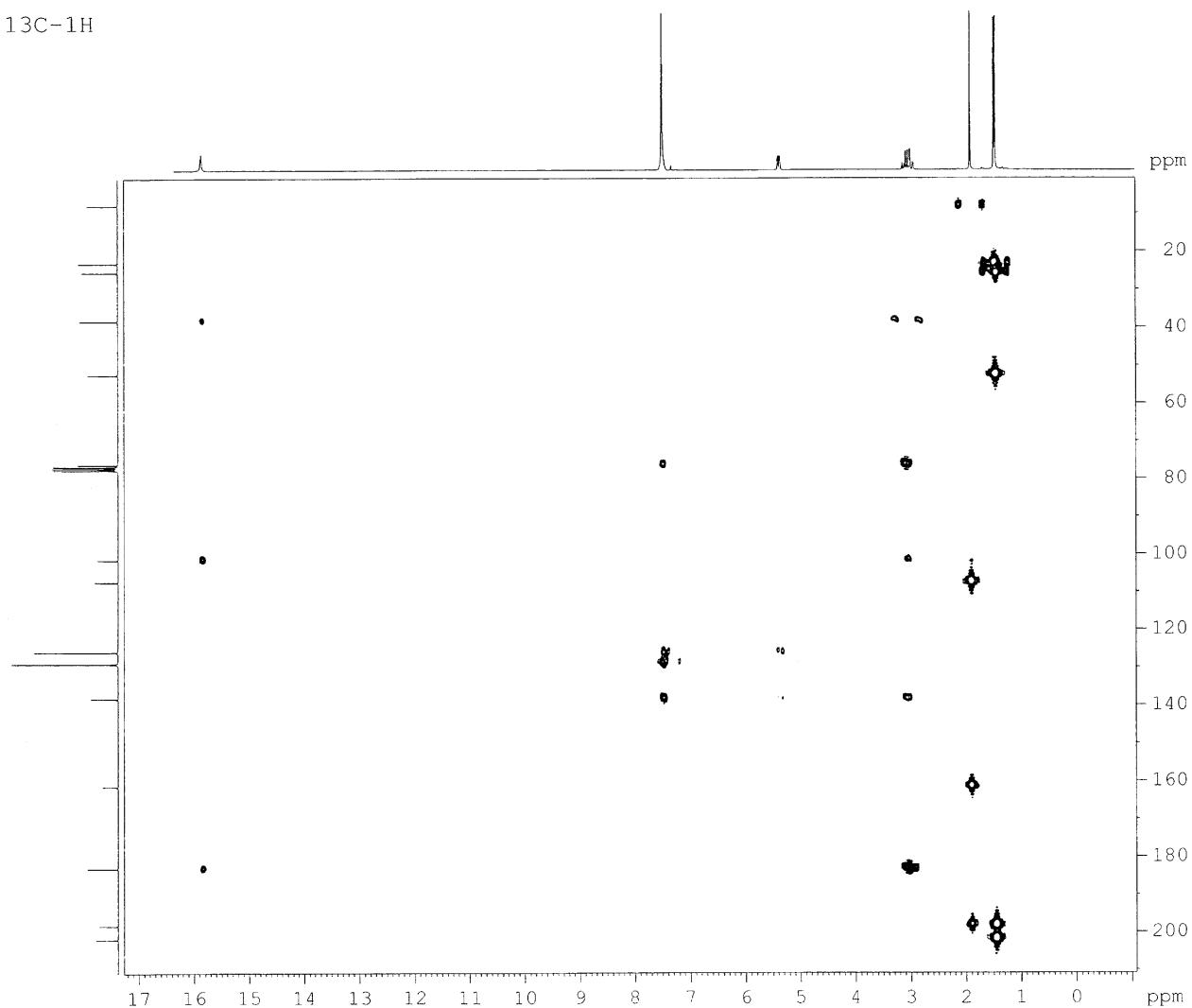
F2 - Acquisition Parameters
Date_ 20140410
Time_ 20.34
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG dept135
TD 32768
SOLVENT CDCl3
NS 4096
DS 4
SWH 24414.063 Hz
FIDRES 0.745058 Hz
AQ 0.6710886 sec
RG 501.187
DW 20.480 usec
DE 6.50 usec
TE 300.0 K
CNST2 145.000000
D1 2.0000000 sec
D2 0.00344828 sec
D14 0.00001592 sec
D33 0.00000915 sec
D34 0.00344248 sec
D35 0.00345955 sec
L4 18
P32 105.00 usec
TDO 1

===== CHANNEL f1 =====
SFO1 75.4833422 MHz
NUC1 13C
P1 12.50 usec
P2 25.00 usec
PLW1 25.00300026 W

===== CHANNEL f2 =====
SFO2 300.1692007 MHz
NUC2 1H
CPDPRG[2] waltz16
P3 9.15 usec
P4 18.30 usec
PCPD2 105.00 usec
PLW2 30.00000000 W
PLW12 0.22781999 W

F2 - Processing parameters
SI 32768
SF 75.4773040 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

IMBC 13C-1H



Current Data Parameters
NAME FE - A
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140411
Time_ 10.56
INSTRUM PULPROG
PROBHD 5 mm DDZ 101-1
PULPROG hmbcpg1pndgdf
TD 2048
SOLVENT CDCl3
NS 12
DS 16
SWH 12267.041 Hz
FIDRES 5.860464 Hz
AQ 0.0339661 sec
RG 501.137
DW 40.960 usec
DE 6.56 usec
TE 299.2 K
CUST1 145.0000000
CUST2 10.0000000
D0 0.0000000 sec
D1 1.5000000 sec
D2 0.0044482 sec
D4 0.0500000 sec
D16 0.0002000 sec
D11 0.0000514 sec
D32 0.00001832 sec
D33 0.00001250 sec
D36 0.00100000 sec
D38 0.00002860 sec
D39 0.00002980 sec

===== CHANNEL f1 =====
SFO1 300.1693333 MHz
NUC1 1H
P1 8.16 usec
P2 13.32 usec
PLW1 30.0000000 W

===== CHANNEL f2 =====
SFO2 75.4848517 MHz
NUC2 13C
P3 12.50 usec
PLW2 25.0030026 W

===== GRADIENT CHANNEL =====
GPNAM1[1] RECT.1
GPNAM1[2] RECT.1
GPNAM1[3] RECT.1
GEC1 50.00
GEC2 30.00
GEC3 40.10
PL6 1000.00 usec

F1 - Acquisition parameters
TD 128
SFO1 75.48485 MHz
FIDRES 131.082214 Hz
SW 222.277 ppm
FAMAKE V/F

F2 - Processing parameters
SI 2048
SF 300.1680000 MHz
WDW SINE
SSB 0
LB 0 Hz
GB 0
PC 1.40

F1 - Processing parameters
SI 1024
MC2 QF
SF 75.4773040 MHz
WDW SINE
SSB 0
LB 0 Hz
GB 0