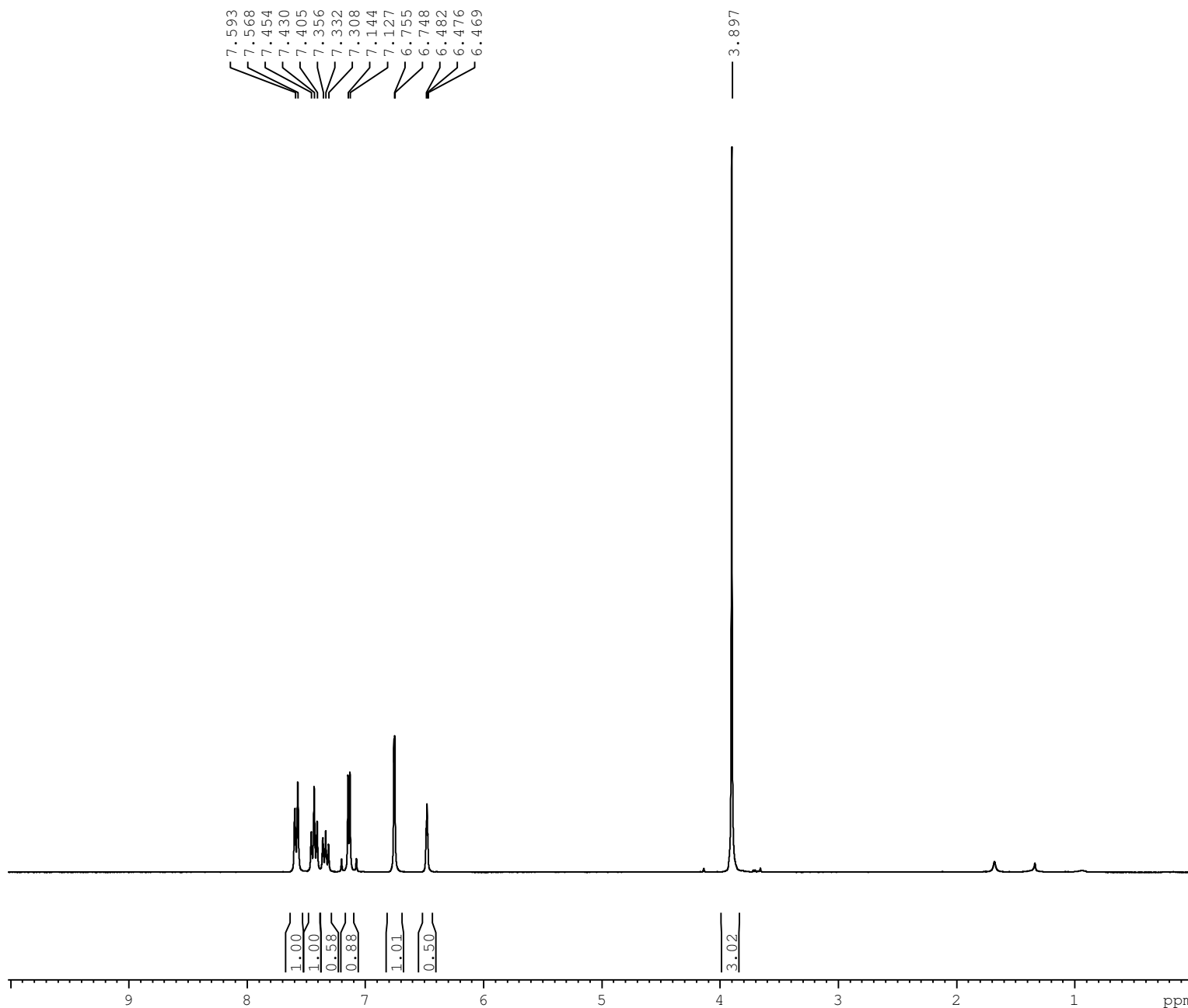


SQB2-2-1-3  
proton



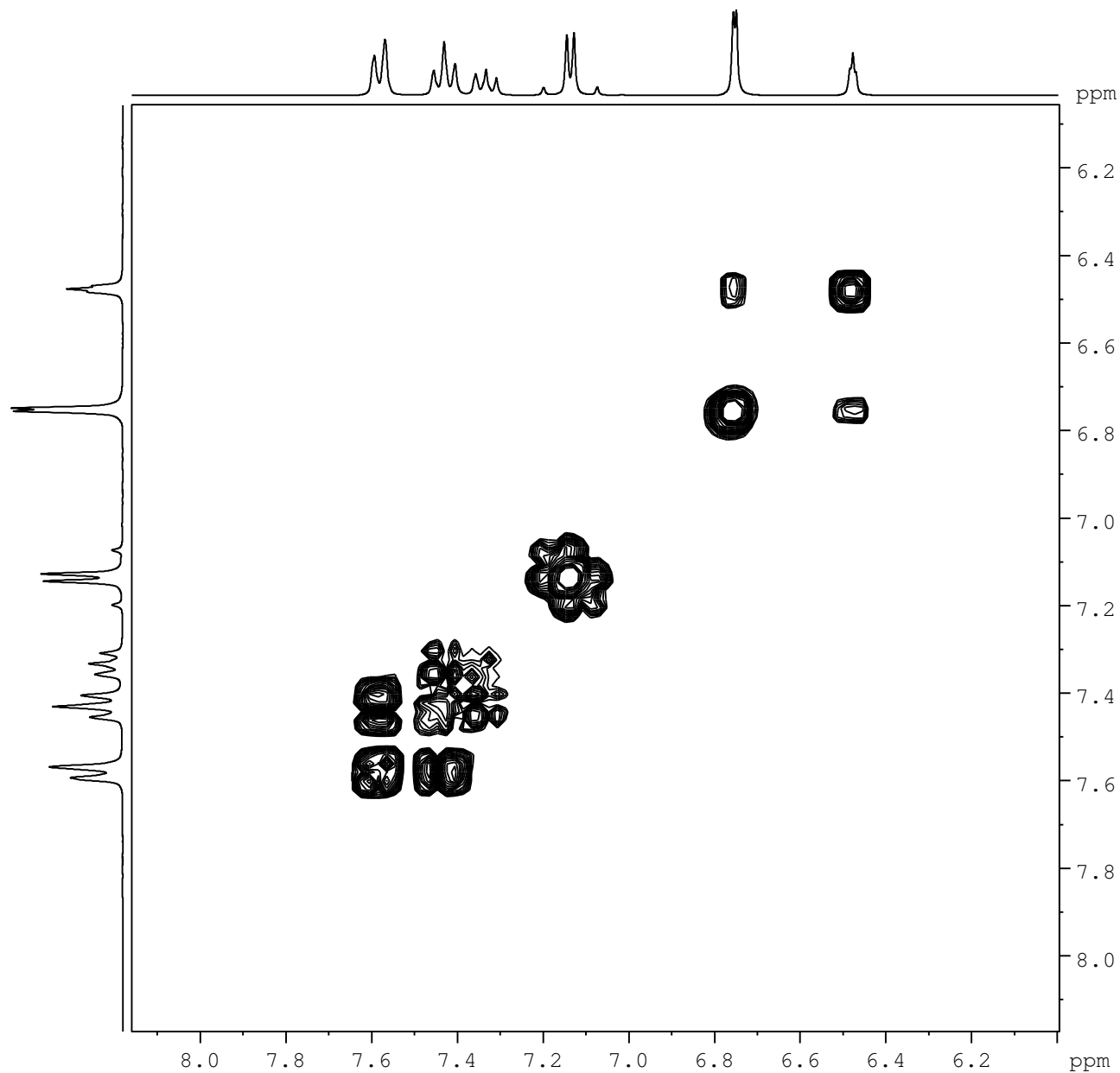
Current Data Parameters  
NAME FT-SQB2-2-1-3  
EXPNO 1  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20180308  
Time 15.38  
INSTRUM FOURIER300  
PROBHD 5 mm DUL 13C-1  
PULPROG zg30  
TD 65536  
SOLVENT CDCl3  
NS 16  
DS 0  
SWH 6103.516 Hz  
FIDRES 0.093132 Hz  
AQ 5.3687091 sec  
RG 14.3384  
DW 81.920 usec  
DE 6.50 usec  
TE 293.7 K  
D1 1.00000000 sec  
TD0 1

===== CHANNEL f1 =====  
SFO1 300.1698537 MHz  
NUC1 1H  
P1 9.16 usec  
PLW1 23.00000000 W

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

SQB2-2-1-3  
Cosy



Current Data Parameters  
NAME FT-SQB2-2-1-3  
EXPNO 2  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20180308  
Time 16.29  
INSTRUM FOURIER300  
PROBHD 5 mm DUL 13C-1  
PULPROG cosygpgf  
TD 2048  
SOLVENT CDCl3  
NS 8  
DS 8  
SWH 6103.516 Hz  
FIDRES 2.980232 Hz  
AQ 0.1677722 sec  
RG 7.73804  
DW 81.920 usec  
DE 6.50 usec  
TE 293.4 K  
D0 0.00000300 sec  
D1 2.00000000 sec  
D13 0.00000400 sec  
D16 0.00020000 sec  
IN0 0.00016380 sec

===== CHANNEL f1 =====  
SFO1 300.1693808 MHz  
NUC1 1H  
P0 9.16 usec  
P1 9.16 usec  
PLW1 23.00000000 W

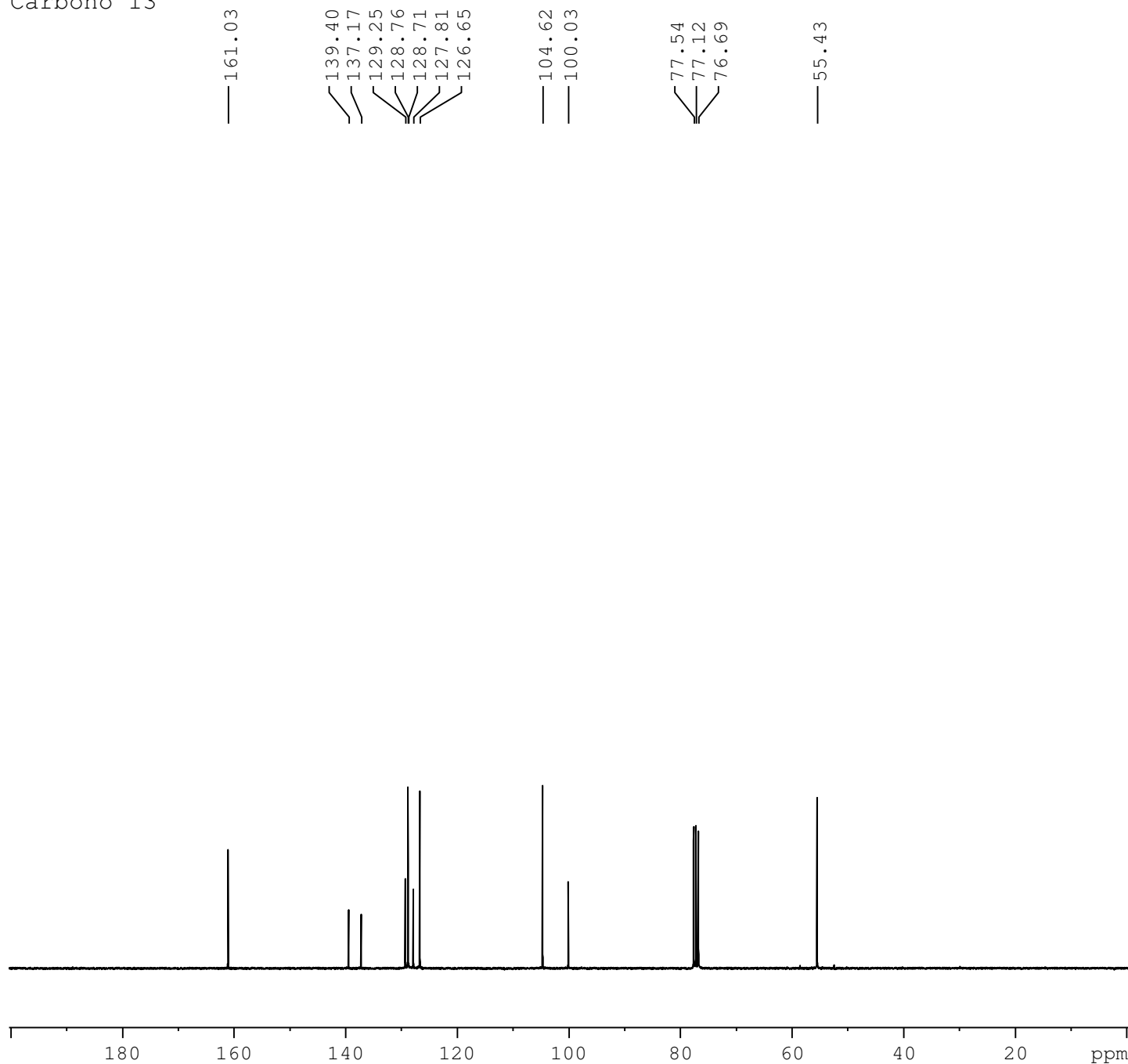
===== GRADIENT CHANNEL =====  
GPNAM[1] RECT.1  
GPZ1 10.00 %  
P16 1000.00 usec

F1 - Acquisition parameters  
TD 256  
SFO1 300.1694 MHz  
FIDRES 23.847681 Hz  
SW 20.339 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

SQB2-2-1-3  
Carbano 13



Current Data Parameters  
NAME FT-SQB2-2-1-3  
EXPNO 6  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20180309  
Time 0.01  
INSTRUM FOURIER300  
PROBHD 5 mm DUL 13C-1  
PULPROG zgpg30  
TD 32768  
SOLVENT CDC13  
NS 3072  
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 293.8 K  
D1 2.00000000 sec  
D11 0.03000000 sec  
D31 0.00001135 sec  
D40 0.02898005 sec  
L4 20  
L5 57  
P32 90.00 usec  
TD0 1

===== CHANNEL f1 =====  
SFO1 75.4848517 MHz  
NUC1 13C  
P1 11.35 usec  
PLW1 25.00300026 W

===== CHANNEL f2 =====  
SFO2 300.1692007 MHz  
NUC2 1H  
CPDPRG[2] waltz16  
PCPD2 90.00 usec  
PLW2 23.00000000 W  
PLW12 0.31305999 W  
PLW13 0.25356999 W

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

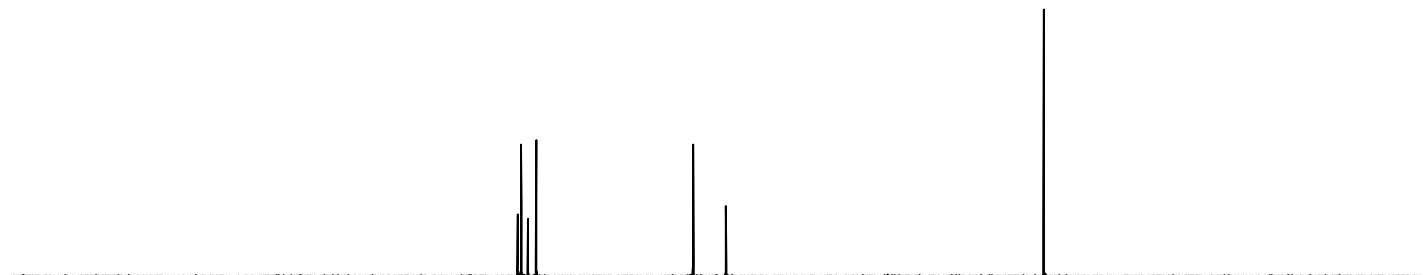
SQB2-2-1-3  
dept



129.25  
128.76  
128.71  
127.81  
126.64

104.62  
100.02

55.42



Current Data Parameters  
NAME FT-SQB2-2-1-3  
EXPNO 5  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20180308  
Time 23.38  
INSTRUM FOURIER300  
PROBHD 5 mm DUL 13C-1  
PULPROG dept135  
TD 32768  
SOLVENT CDC13  
NS 512  
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 293.6 K  
CNST2 145.0000000  
D1 2.00000000 sec  
D2 0.00344828 sec  
D14 0.00001445 sec  
D33 0.00001050 sec  
D34 0.00343863 sec  
D35 0.00345523 sec  
L4 20  
P32 90.00 usec  
TD0 1

===== CHANNEL f1 =====  
SFO1 75.4833422 MHz  
NUC1 13C  
P1 11.35 usec  
P2 22.70 usec  
PLW1 25.00300026 W

===== CHANNEL f2 =====  
SFO2 300.1692007 MHz  
NUC2 1H  
CPDPRG[2] waltz16  
P3 10.50 usec  
P4 21.00 usec  
PCPD2 90.00 usec  
PLW2 23.00000000 W  
PLW12 0.31305999 W

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

180 160 140 120 100 80 60 40 20 ppm

SQB2-2-1-3  
hsqc



Current Data Parameters  
NAME FT-SQB2-2-1-3  
EXPNO 3  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20180308  
Time 17.45  
INSTRUM FOURIER300  
PROBHD 5 mm DUL 13C-1  
PULPROG hsqcqpqh  
TD 2048  
SOLVENT CDCl3  
NS 16  
DS 16  
SWH 6103.516 Hz  
FIDRES 2.980232 Hz  
AQ 0.1677722 sec  
RG 501.187  
DW 81.920 usec  
DE 6.50 usec  
TE 293.4 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 0.00020000 sec  
D31 0.00000916 sec  
D32 0.00001832 sec  
D33 0.00001135 sec  
D34 0.00002270 sec  
D36 0.00100000 sec  
D37 0.00000110 sec  
D38 0.00001325 sec  
D42 0.00000219 sec  
D43 0.00002432 sec  
D44 0.00120000 sec  
D45 0.00051614 sec  
INO 0.00002650 sec  
L4 19  
P35 74.00 usec

===== CHANNEL f1 =====  
SFO1 300.1704013 MHz  
NUC1 1H  
P1 9.16 usec  
P2 18.32 usec  
PLW1 23.00000000 W

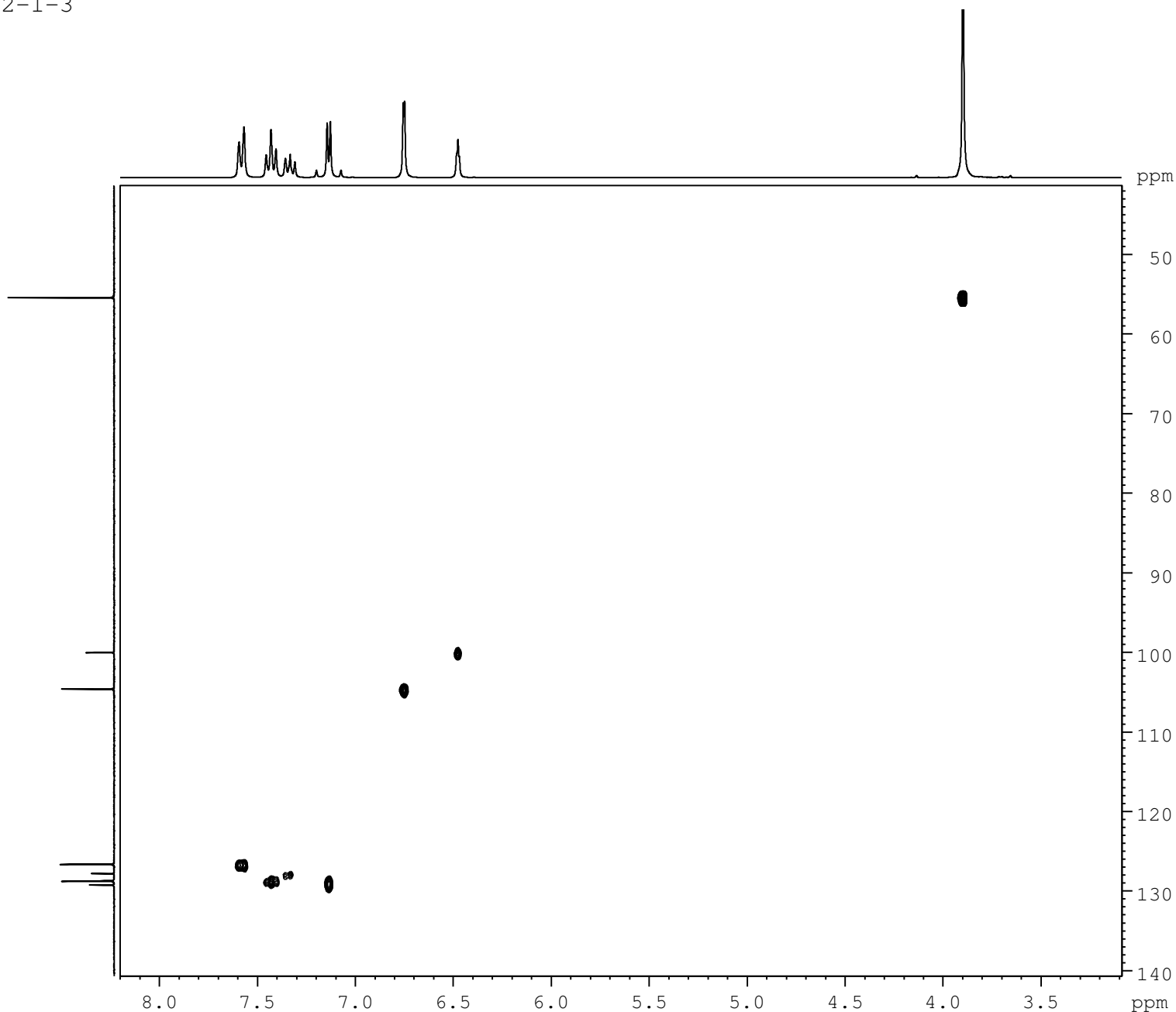
===== CHANNEL f2 =====  
SFO2 75.4847763 MHz  
NUC2 13C  
CPDPRG[2] garp  
P3 11.35 usec  
P4 22.70 usec  
PCPD2 74.00 usec  
PLW2 25.00300026 W  
PLW12 0.58819002 W

===== GRADIENT CHANNEL =====  
GPNAM[1] RECT.1  
GPNAM[2] RECT.1  
GPNAM[3] RECT.1  
GPZ1 80.00 %  
GPZ2 30.00 %  
GPZ3 20.10 %  
P16 1000.00 usec

F1 - Acquisition parameters  
TD 256  
SFO1 75.48478 MHz  
FIDRES 73.702827 Hz  
SW 249.957 ppm  
FnMODE TPFI

F2 - Processing parameters  
SI 4096  
SF 300.1680000 MHz  
WDW QSINE  
SSB 2  
LB 0 Hz  
GB 0  
PC 1.40

F1 - Processing parameters  
SI 512  
MC2 TPFI  
SF 75.4773040 MHz  
WDW QSINE  
SSB 2  
LB 0 Hz  
GB 0



SQB2-2-1-3  
hmbc



Current Data Parameters  
NAME FT-SQB2-2-1-3  
EXPNO 4  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20180308  
Time 19.41  
INSTRUM FOURIER300  
PROBHD 5 mm DUL 13C-1  
PULPROG hmbcgp1pndqf  
TD 2048  
SOLVENT CDCl3  
NS 32  
DS 16  
SWH 6103.516 Hz  
FIDRES 2.980232 Hz  
AQ 0.1677722 sec  
RG 501.187  
DW 81.920 usec  
DE 6.50 usec  
TE 294.0 K  
CNST2 145.0000000  
CNST13 10.0000000  
D0 0.00000300 sec  
D1 1.50000000 sec  
D2 0.00344828 sec  
D6 0.05000000 sec  
D16 0.00020000 sec  
D31 0.00000916 sec  
D32 0.00001832 sec  
D33 0.00001135 sec  
D36 0.00100000 sec  
D38 0.00002980 sec  
IN0 0.00002980 sec

===== CHANNEL f1 =====  
SFO1 300.1701012 MHz  
NUC1 1H  
P1 9.16 usec  
P2 18.32 usec  
PLW1 23.00000000 W

===== CHANNEL f2 =====  
SFO2 75.4848517 MHz  
NUC2 13C  
P3 11.35 usec  
PLW2 25.00300026 W

===== GRADIENT CHANNEL =====  
GPNAM[1] RECT.1  
GPNAM[2] RECT.1  
GPNAM[3] RECT.1  
GPZ1 50.00 %  
GPZ2 30.00 %  
GPZ3 40.10 %  
P16 1000.00 usec

F1 - Acquisition parameters  
TD 256  
SFO1 75.48485 MHz  
FIDRES 65.541107 Hz  
SW 222.277 ppm  
FnMODE QF

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

