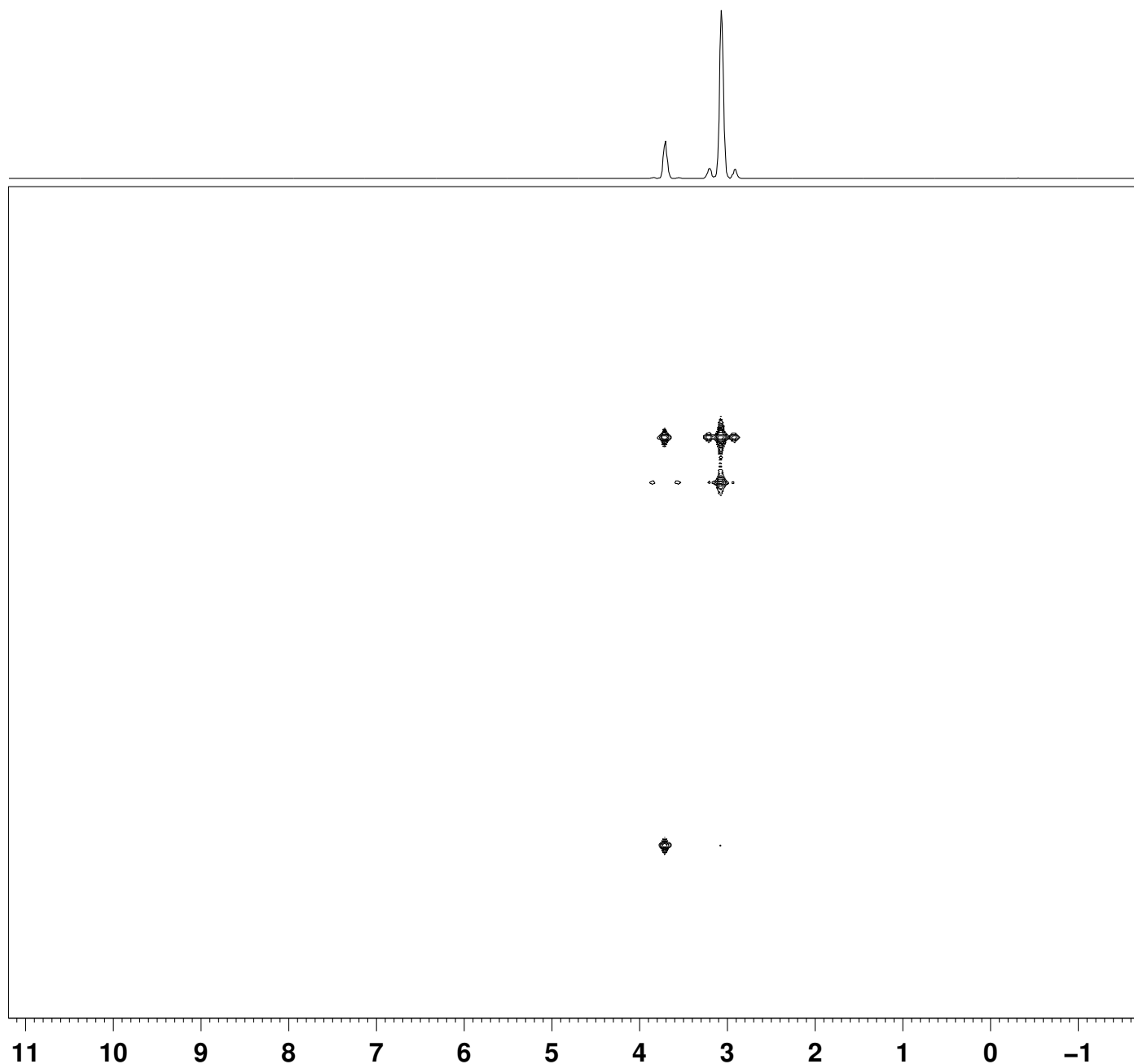
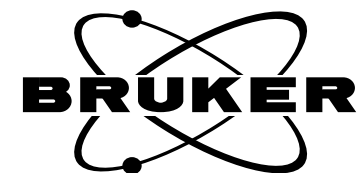


HMBC-mmcd-clem D2O /opt/topspin216 mfjofre {3 C11 - 335}



NAME cq\_00490-100mm-10-29-10  
EXPNO 7  
PROCNO 1  
Date\_ 20101030  
Time 3.27  
INSTRUM spect  
PROBHD 5 mm CPTXO 13C  
PULPROG hmbcgpndqf  
TD 2048  
SOLVENT D2O  
NS 16  
DS 32  
SWH 6493.506 Hz  
FIDRES 3.170657 Hz  
AQ 0.1577460 sec  
RG 28.5  
DW 77.000 usec  
DE 30.00 usec  
TE 298.0 K  
CNST13 8.0000000  
D0 0.00000300 sec  
D1 1.50000000 sec  
D6 0.06250000 sec  
D16 0.00020000 sec  
IN0 0.00001685 sec

===== CHANNEL f1 =====  
NUC1 1H  
P1 15.00 usec  
P2 30.00 usec  
PL1 0.75 dB  
PL1W 22.40298462 W  
SFO1 499.8423492 MHz

===== CHANNEL f2 =====  
NUC2 13C  
P3 10.00 usec  
PL2 3.00 dB  
PL2W 36.25705338 W  
SFO2 125.6974365 MHz

===== GRADIENT CHANNEL =====  
GPNAM1 SINE.100  
GPNAM2 SINE.100  
GPNAM3 SINE.100  
GPZ1 50.00 %  
GPZ2 30.00 %  
GPZ3 40.10 %  
P16 1000.00 usec  
ND0 2  
TD 256  
SFO1 125.6974 MHz  
FIDRES 115.877327 Hz  
SW 236.000 ppm  
FnMODE QF  
SI 1024  
SF 499.8400000 MHz  
WDW SINE  
SSB 0  
LB 0.00 Hz  
GB 0  
PC 1.40  
SI 1024  
MC2 QF  
SF 125.6848680 MHz  
WDW SINE  
SSB 0  
LB 0.00 Hz  
GB 0