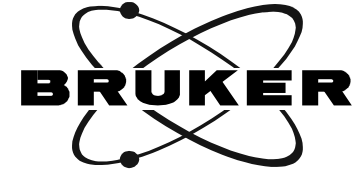


$C_{22}H_{32}O_4$   
Mol. Wt.: 360.49

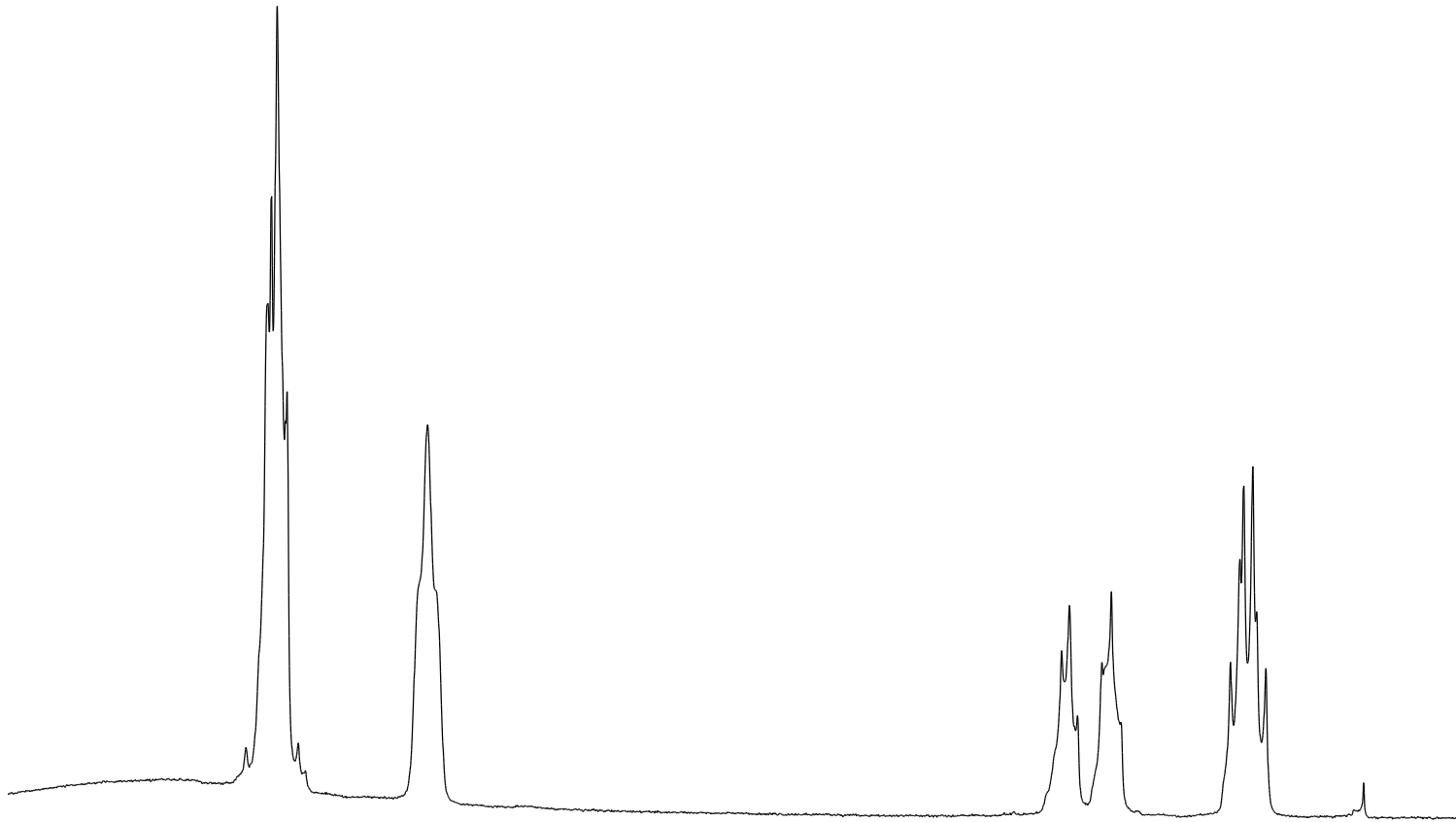
NAME PG19-20160226-HNMR  
 EXPNO 1  
 PROCNO 1  
 Date\_ 20160226  
 Time 10.31  
 INSTRUM spect  
 PROBHD 5 mm PABBO BB-  
 PULPROG zg30  
 TD 32768  
 SOLVENT CDCl3  
 NS 8  
 DS 0  
 SWH 8223.685 Hz  
 FIDRES 0.250967 Hz  
 AQ 1.9923444 sec  
 RG 203  
 DW 60.800 usec  
 DE 6.50 usec  
 TE 292.9 K  
 D1 1.00000000 sec  
 TD0 1

===== CHANNEL f1 =====  
 NUC1 1H  
 P1 16.05 usec  
 PL1 0.50 dB  
 PL1W 9.73843670 W  
 SFO1 400.2324716 MHz  
 SI 32768  
 SF 400.2300079 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00



5.557  
5.516  
5.510  
5.499  
5.483  
5.480  
5.459  
— 5.219

4.037  
4.023  
4.008  
3.962  
3.944  
3.927  
3.722  
3.705  
3.698  
3.681  
3.674  
3.656



5.8 5.6 5.4 5.2 5.0 4.8 4.6 4.4 4.2 4.0 3.8 3.6 ppm

2.18

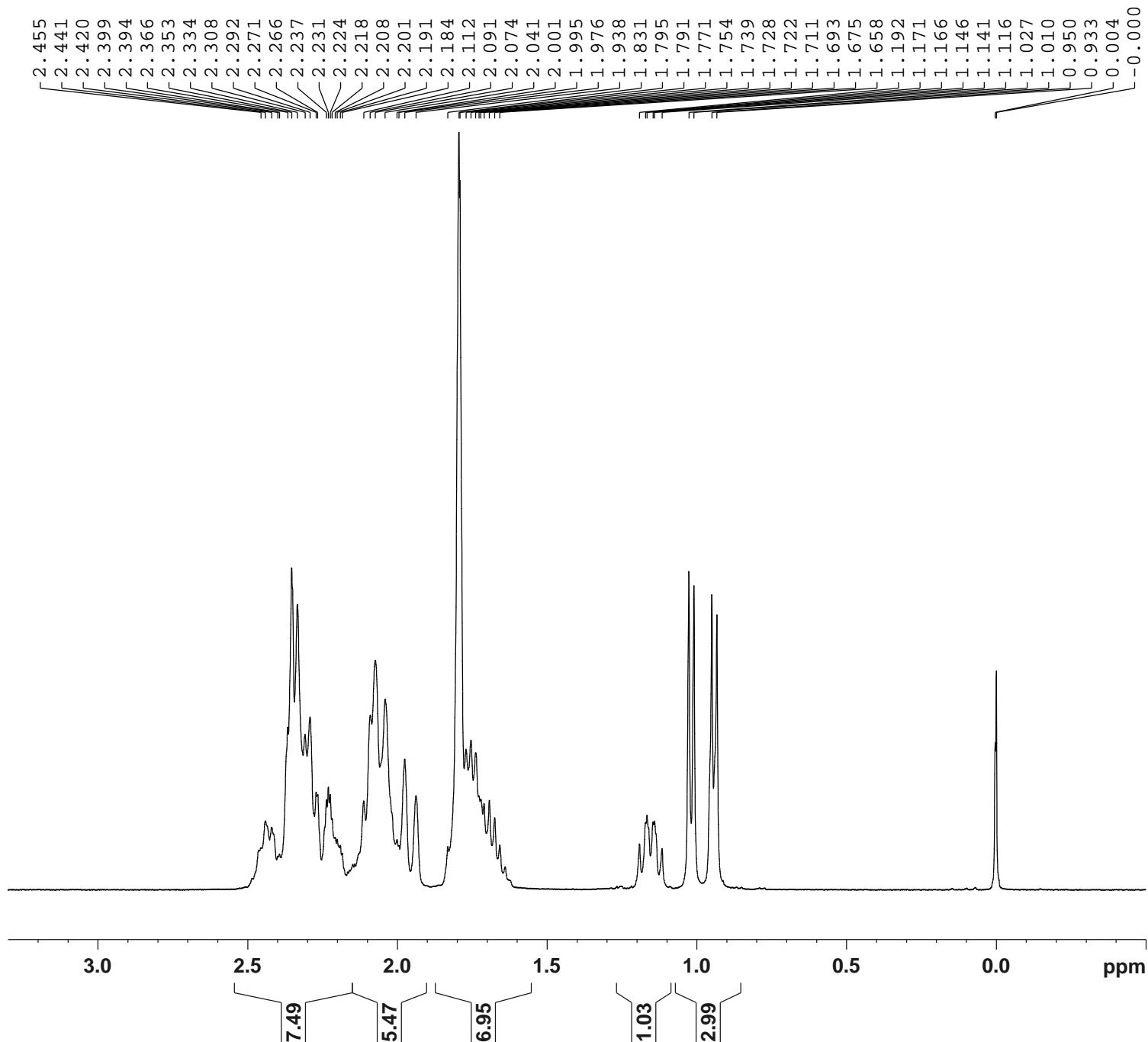
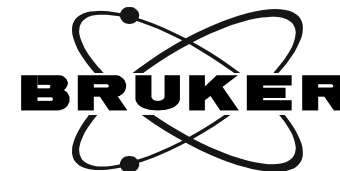
1.19

1.01

1.00

NAME PG19-20160226-HNMR  
 EXPNO 1  
 PROCNO 1  
 Date\_ 20160226  
 Time 10.31  
 INSTRUM spect  
 PROBHD 5 mm PABBO BB-  
 PULPROG zg30  
 TD 32768  
 SOLVENT CDCl3  
 NS 8  
 DS 0  
 SWH 8223.685 Hz  
 FIDRES 0.250967 Hz  
 AQ 1.9923444 sec  
 RG 203  
 DW 60.800 usec  
 DE 6.50 usec  
 TE 292.9 K  
 D1 1.00000000 sec  
 TD0 1

===== CHANNEL f1 =====  
 NUC1 1H  
 P1 16.05 usec  
 PL1 0.50 dB  
 PL1W 9.73843670 W  
 SFO1 400.2324716 MHz  
 SI 32768  
 SF 400.2300079 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00



2.455  
2.441  
2.420  
2.399  
2.394  
2.366  
2.353  
2.334  
2.308  
2.292  
2.271  
2.266  
2.237  
2.231  
2.224  
2.218  
2.208  
2.201  
2.191  
2.184  
2.112  
2.091  
2.074  
2.041  
2.001  
1.995  
1.976  
1.938  
1.831  
1.795  
1.791  
1.771  
1.754  
1.739  
1.728  
1.722  
1.711  
1.693  
1.675  
1.658  
1.192  
1.171  
1.166  
1.146  
1.141  
1.116  
1.027  
1.010  
0.950  
0.933  
0.004  
-0.000

```

NAME      PG19-20160226-HNMR
EXPNO     1
PROCNO    1
Date_     20160226
Time      10.31
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD         32768
SOLVENT   CDCl3
NS         8
DS         0
SWH       8223.685 Hz
FIDRES    0.250967 Hz
AQ        1.9923444 sec
RG         203
DW         60.800 usec
DE         6.50 usec
TE         292.9 K
D1         1.00000000 sec
TD0        1
    
```

```

===== CHANNEL f1 =====
NUC1      1H
P1         16.05 usec
PL1        0.50 dB
PL1W      9.73843670 W
SFO1      400.2324716 MHz
SI         32768
SF         400.2300079 MHz
WDW        EM
SSB         0
LB         0.30 Hz
GB         0
PC         1.00
    
```