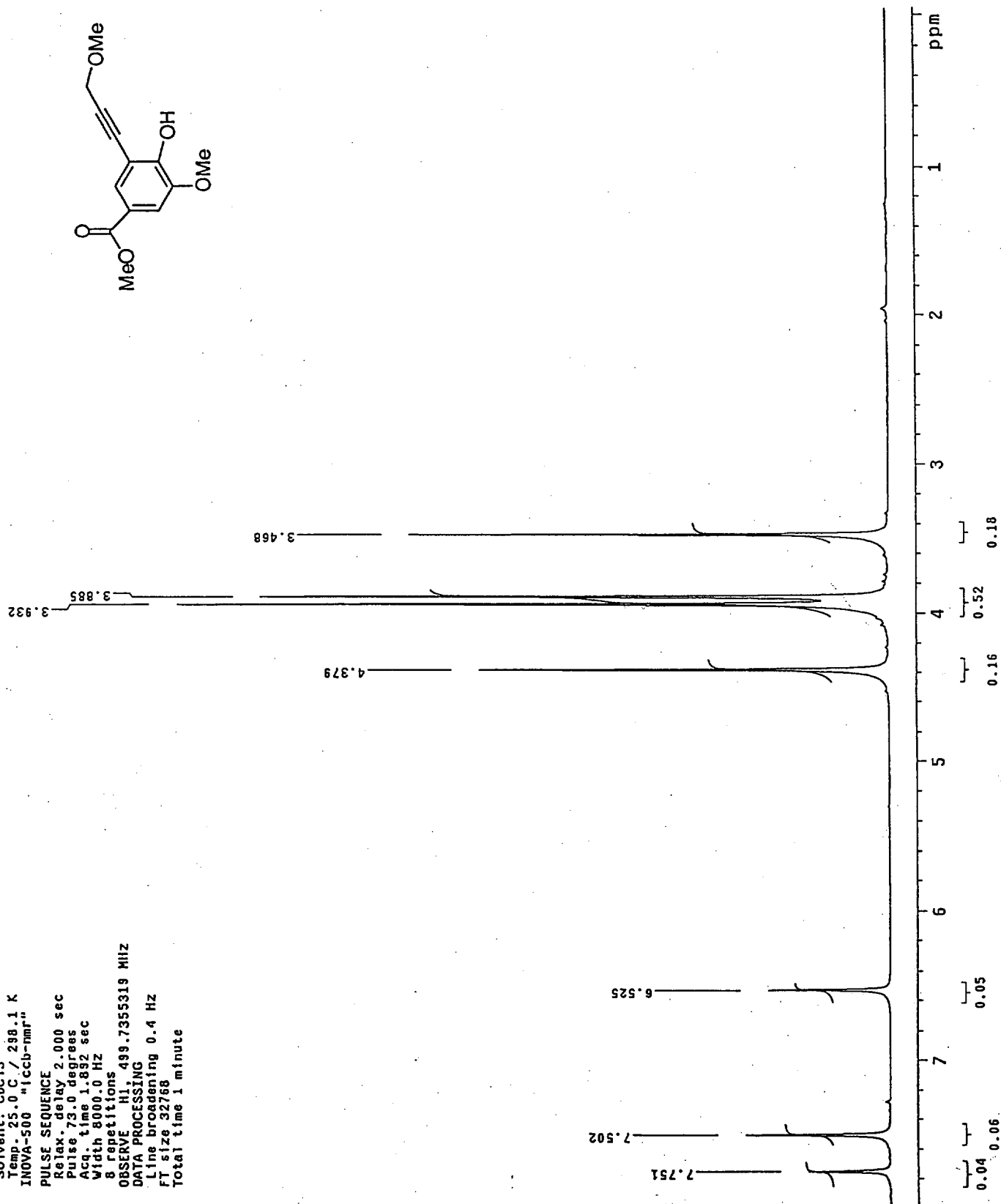
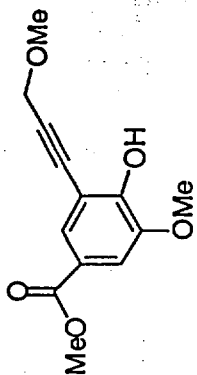


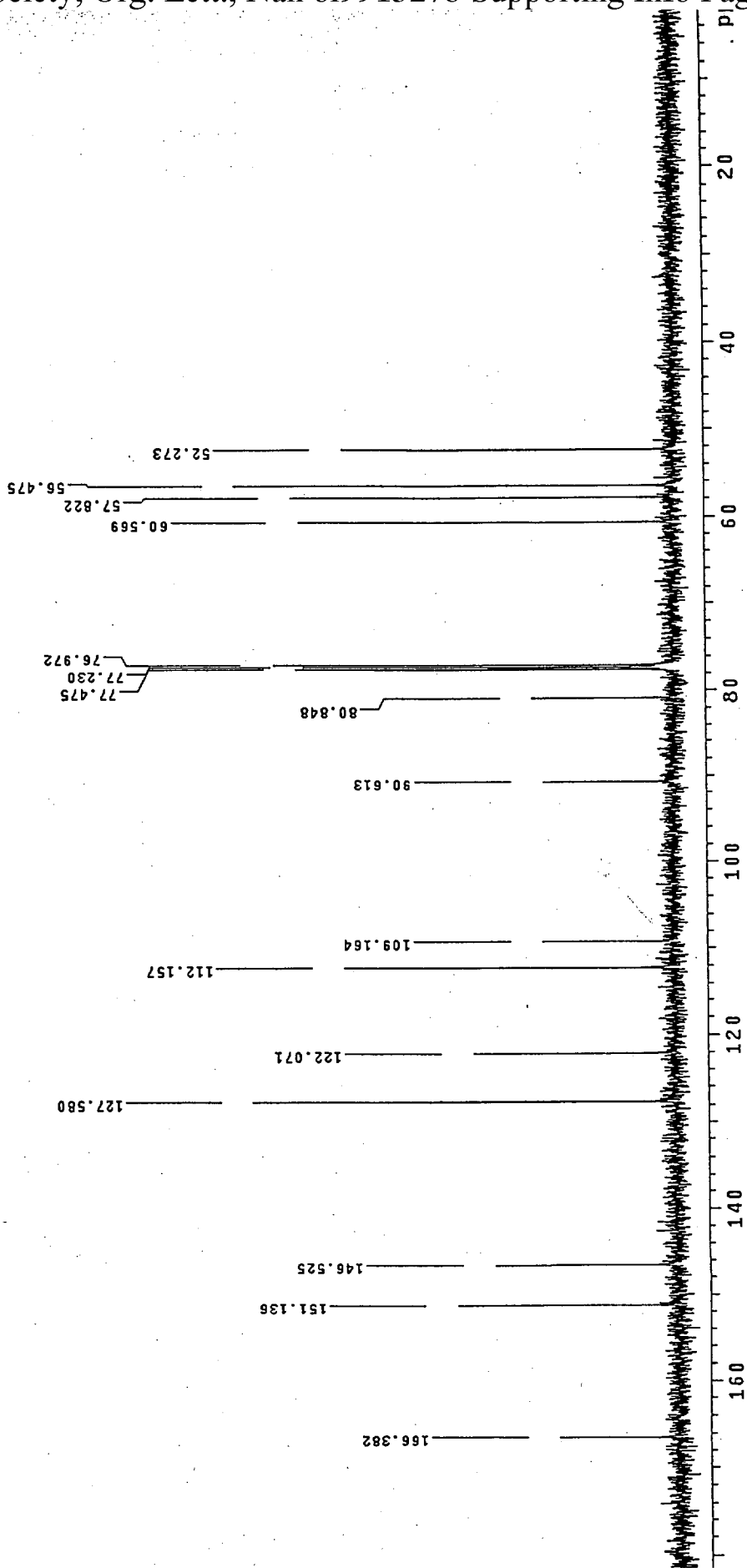
STANDARD PROTON PARAMETERS  
 Solvent: CDCl3  
 Temp: 25.0 C / 298.1 K  
 INOVA-500 "fcb-nmr"  
 PULSE SEQUENCE  
 Relax delay 2.000 sec  
 Pulse 73.0 degrees  
 Acq. time 1.832 sec  
 Width 8000.0 Hz  
 8 repetitions  
 OBSERVE H1, 499.7355319 MHz  
 DATA PROCESSING  
 Line broadening 0.4 Hz  
 FT size 32768  
 Total time 1 minute

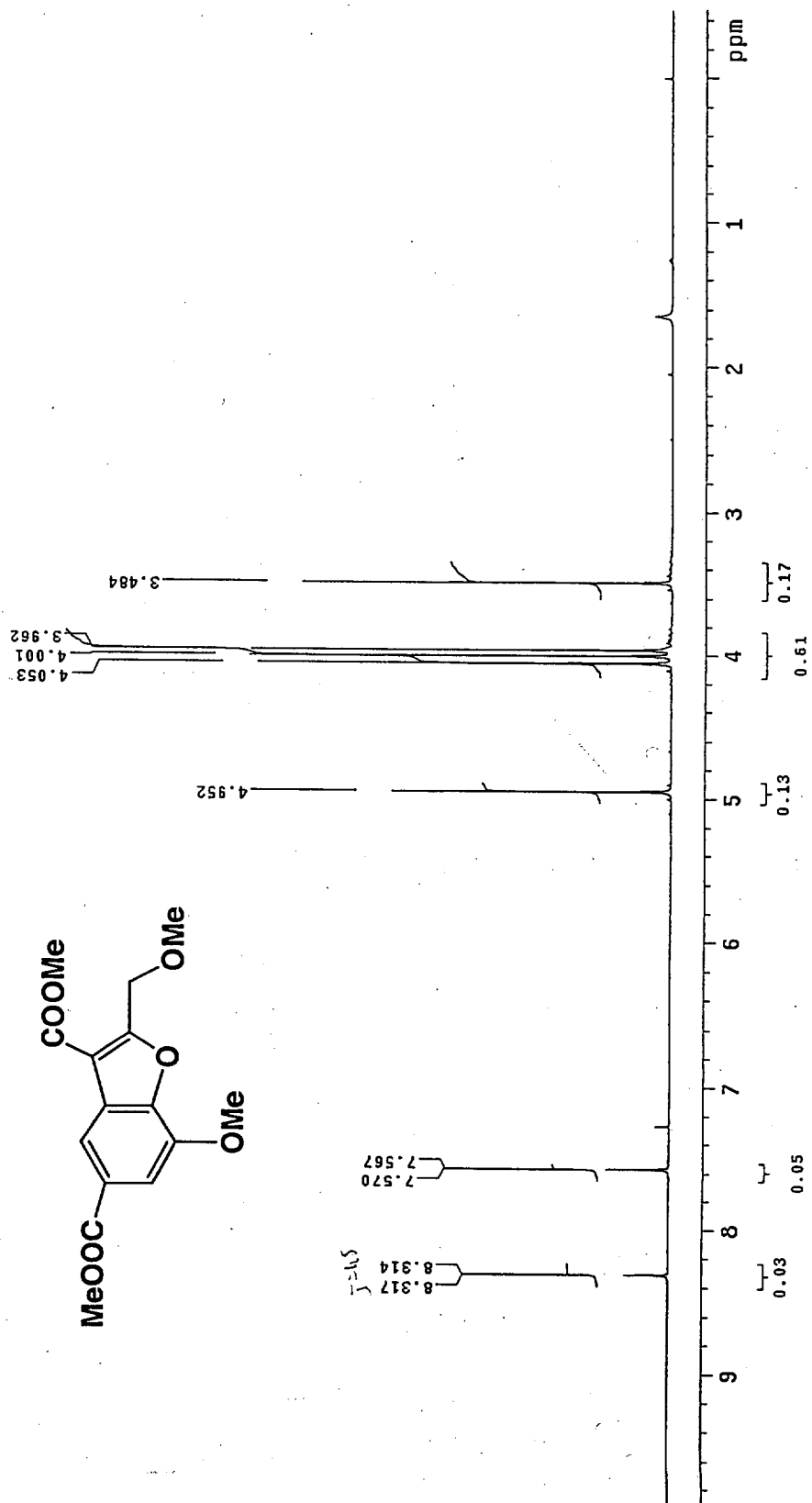


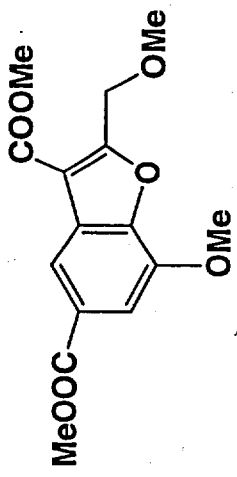
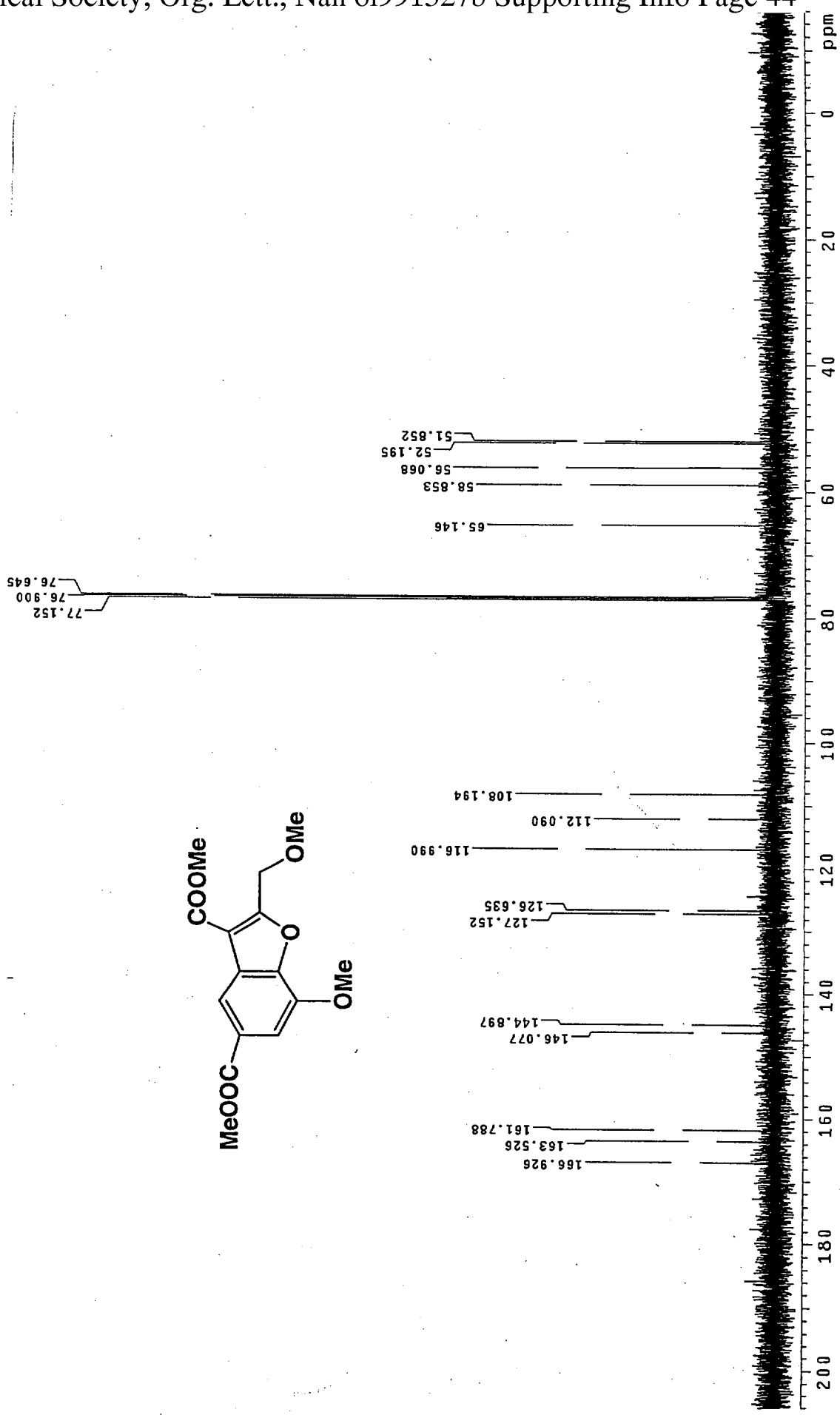


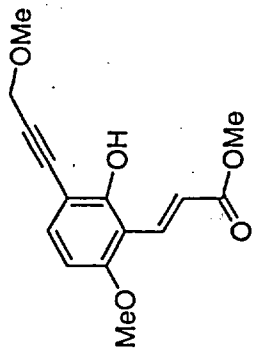
JA A 172B

Solvent: cdcl3  
 Temp. 25.0 C / 298.1 K  
 INOVA-500 "1ccb-mmF"  
 PULSE SEQUENCE  
 Relax. delay 2.000 sec  
 Pulse 52.7 degrees  
 Acq. time 0.800 sec  
 Width 28001.4 Hz  
 488 repetitions  
 OBSERVE C13, 125.6585786 MHZ  
 DECOUPLE H1, 499.7378656 MHZ  
 Power 35 db  
 continuously on  
 WALTZ-16 modulated  
 DATA PROCESSING  
 Line broadening 1.5 Hz  
 FT size 32768  
 Total time 23 minutes



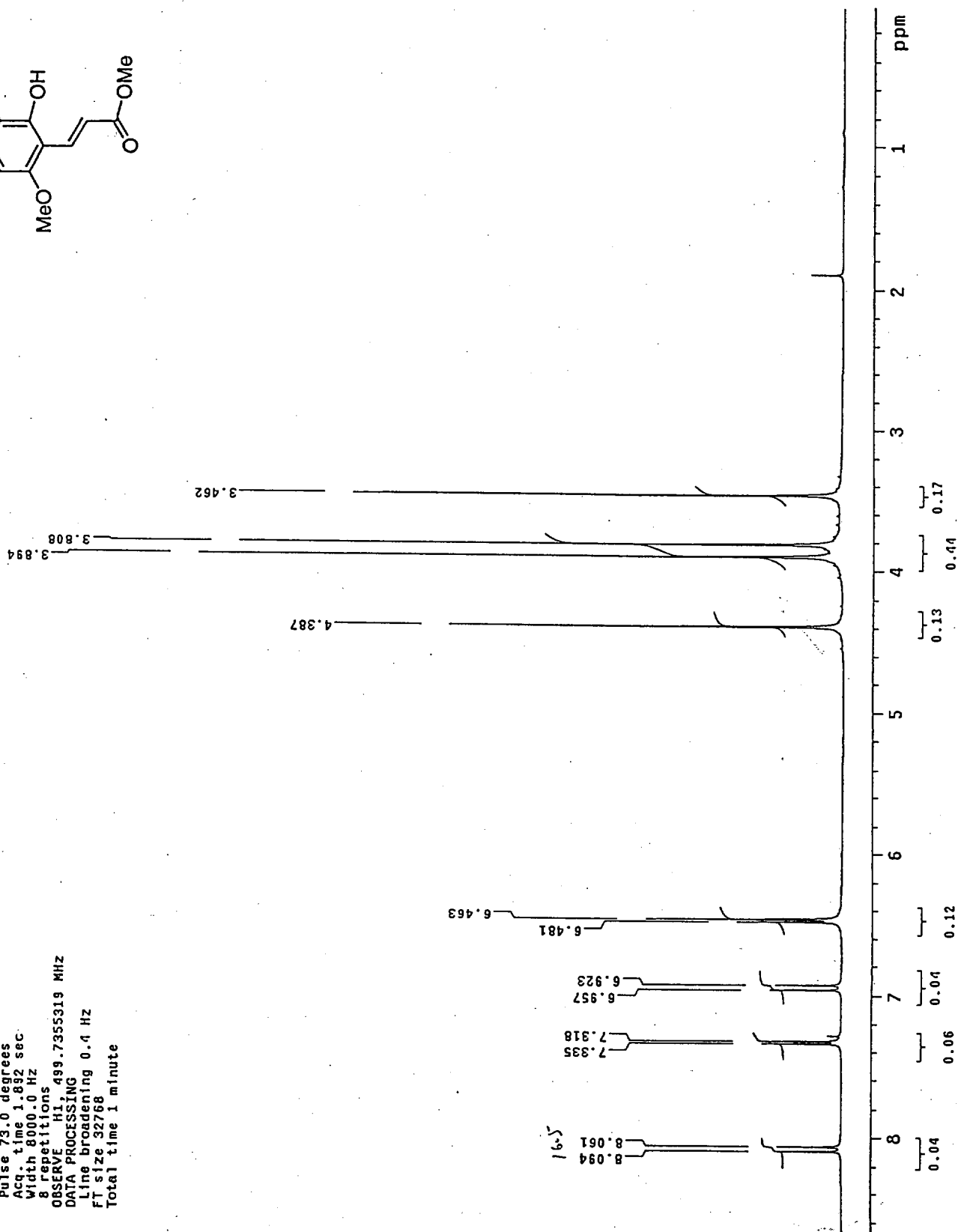


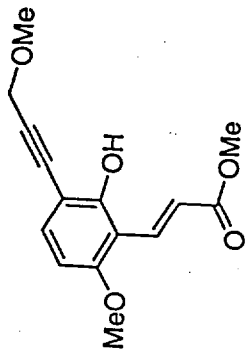




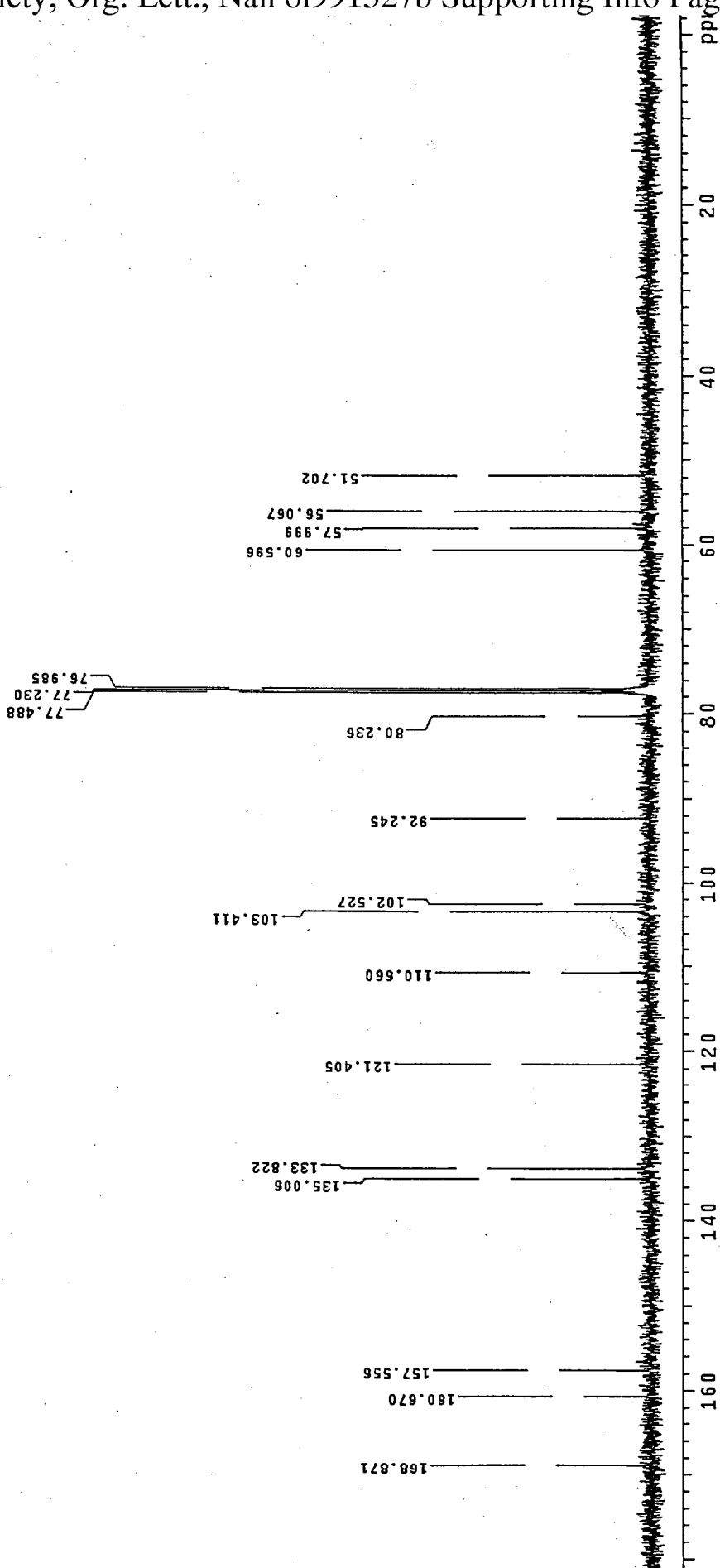
STANDARD PROTON PARAMETERS

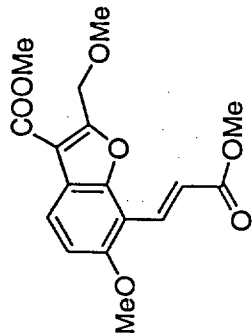
Solvent: CDCl<sub>3</sub>  
 Temp: 25.0 C / 298.1 K  
 INOVA-500 "fcb-nmr"  
 PULSE SEQUENCE  
 Relax. delay 2.000 sec  
 Pulse 73.0 degrees  
 Acq. time 1.892 sec  
 Width 8000.0 Hz  
 8 repetitions  
 OBSERVE H1, 499.7355319 MHz  
 DATA PROCESSING  
 Line broadening 0.4 Hz  
 FT size 32768  
 Total time 1 minute





JA A 172B  
 Solvent: cdcl3  
 Temp. 25.0 C / 298.1 K  
 INOVA-500 "iccb-nmr"  
 PULSE SEQUENCE  
 Relax. delay 2.000 sec  
 Pulse 52.7 degrees  
 Acq. time 0.800 sec  
 Width 28001.4 Hz  
 600 repetitions  
 OBSERVE C13, 125.6585752 MHZ  
 DECOUPLE H1, 499.7378656 MHZ  
 Power 35 dB  
 continuously on  
 WALTZ-16 modulated  
 DATA PROCESSING  
 Line broadening 1.0 Hz  
 FT size 32768  
 Total time 28 minutes





STANDARD PROTON PARAMETERS

Solvent: CDCl<sub>3</sub>  
 Temp. 25.0 C / 298.1 K  
 INOVA-500 "iccb-nmr"  
 PULSE SEQUENCE  
 Relax. delay 2.000 sec  
 Pulse 73.0 degrees  
 Acq. time 1.892 sec  
 Width 8000.0 Hz  
 8 repetitions  
 OBSERVE H1, 499.7355370 MHZ  
 DATA PROCESSING  
 Line broadening 0.4 Hz  
 FT size 32768  
 Total time 1 minute

