

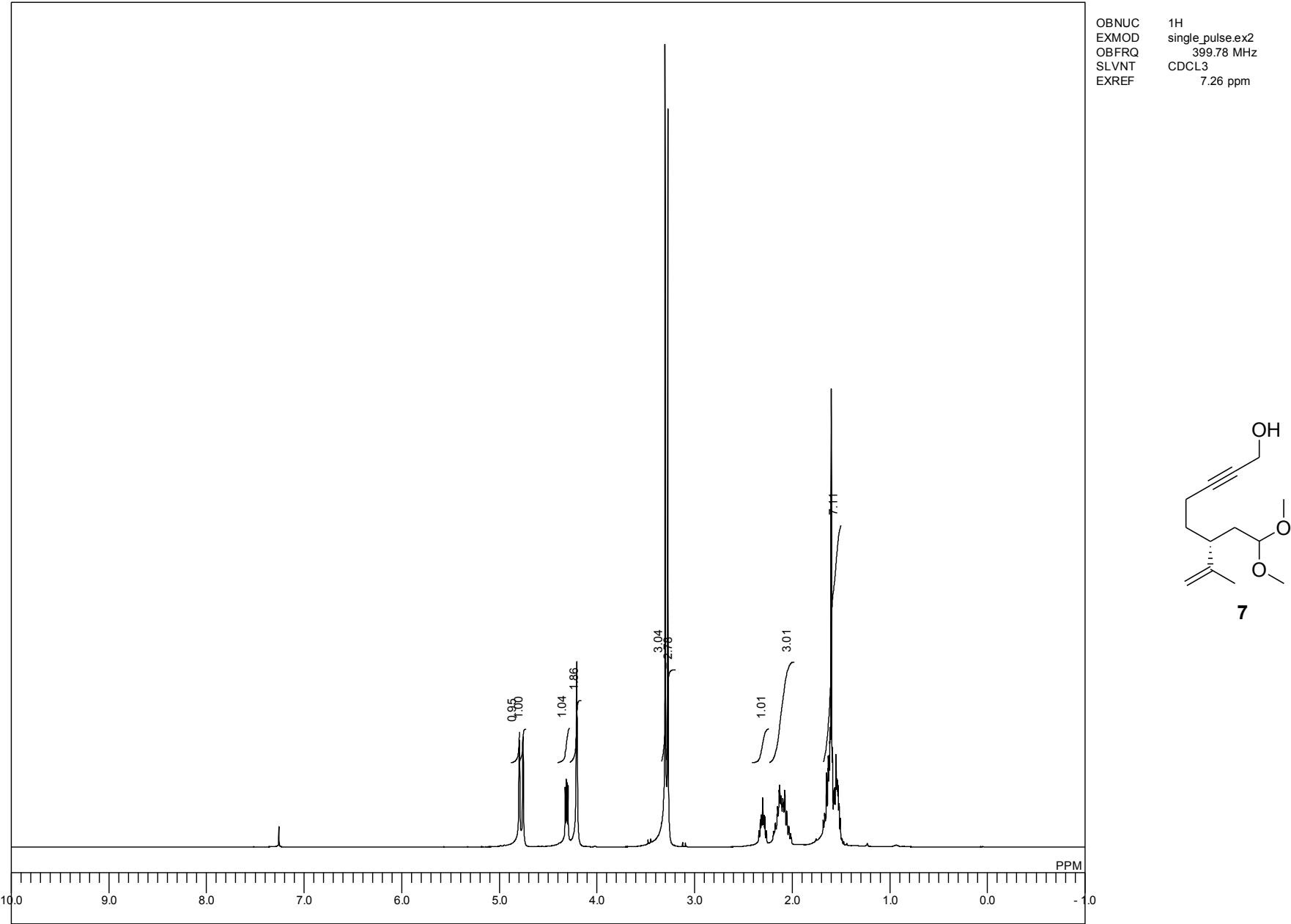
## **Supplementary Information**

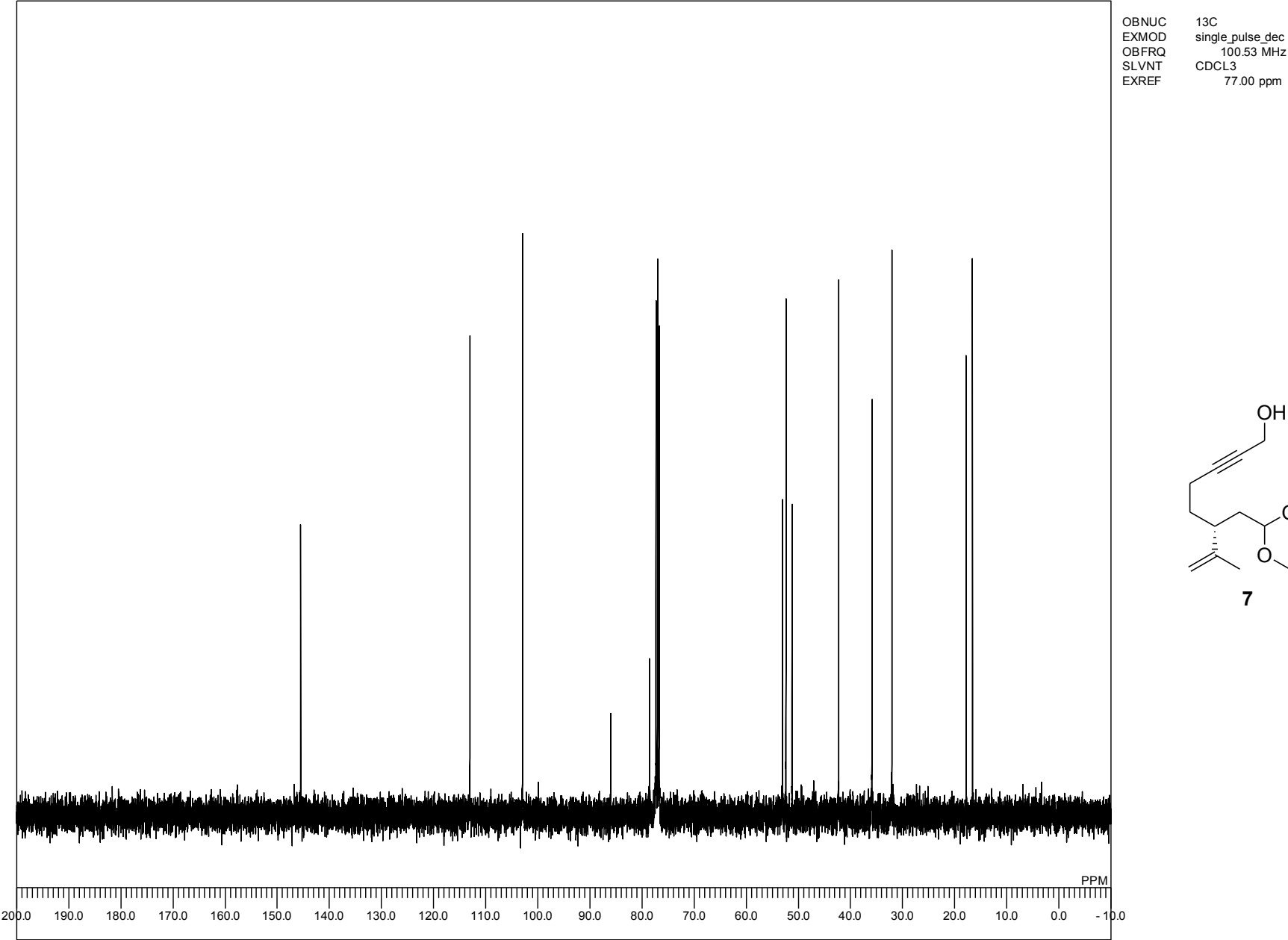
### **First Total Synthesis of (+)-Indicanone**

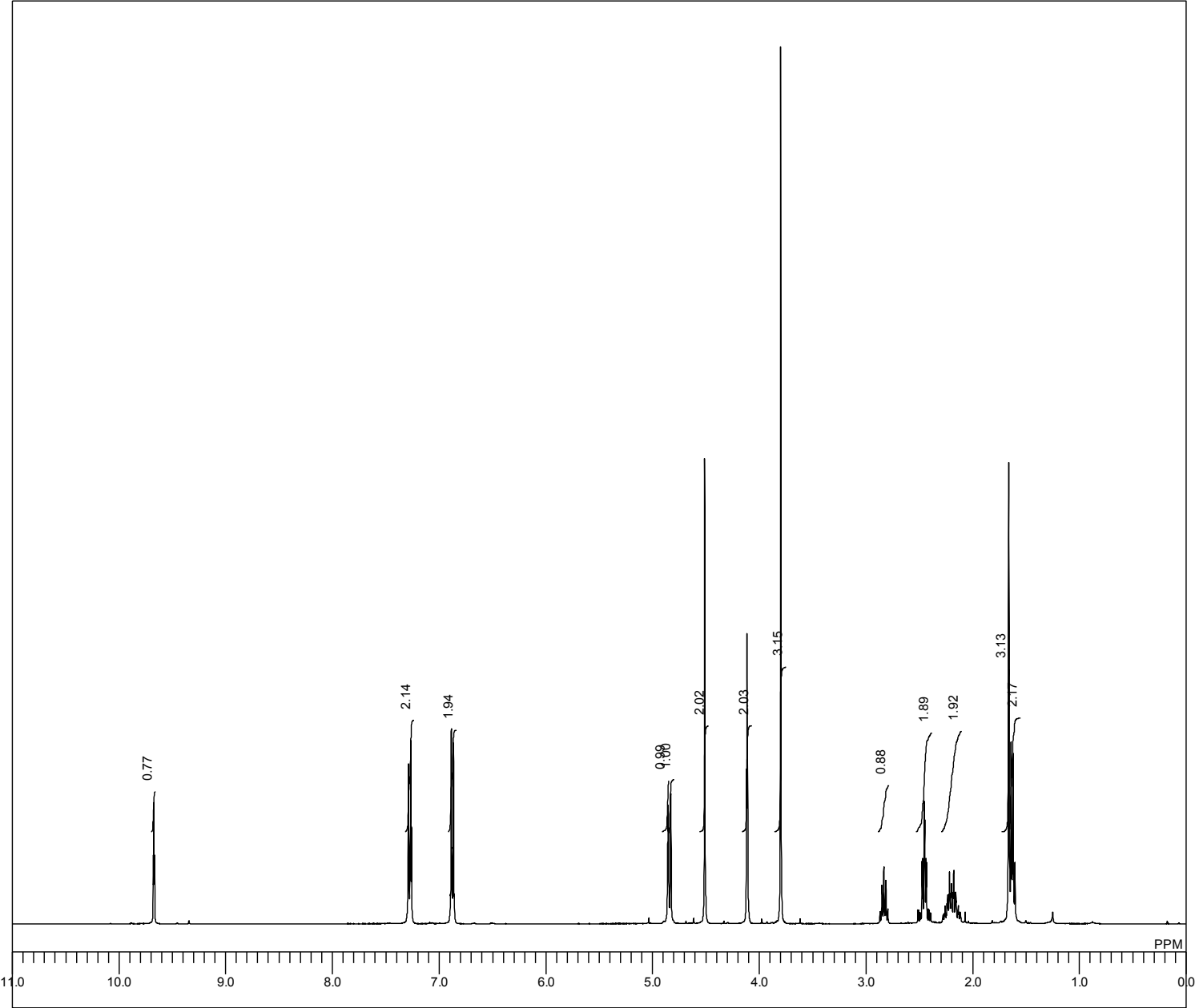
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Technology, Kanazawa University, Kakuma-machi, Kanazawa 920-1192, Japan

$^1\text{H}$  NMR spectra and  $^{13}\text{C}$  NMR spectra

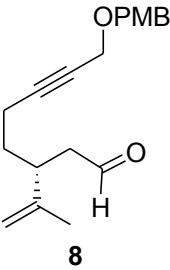


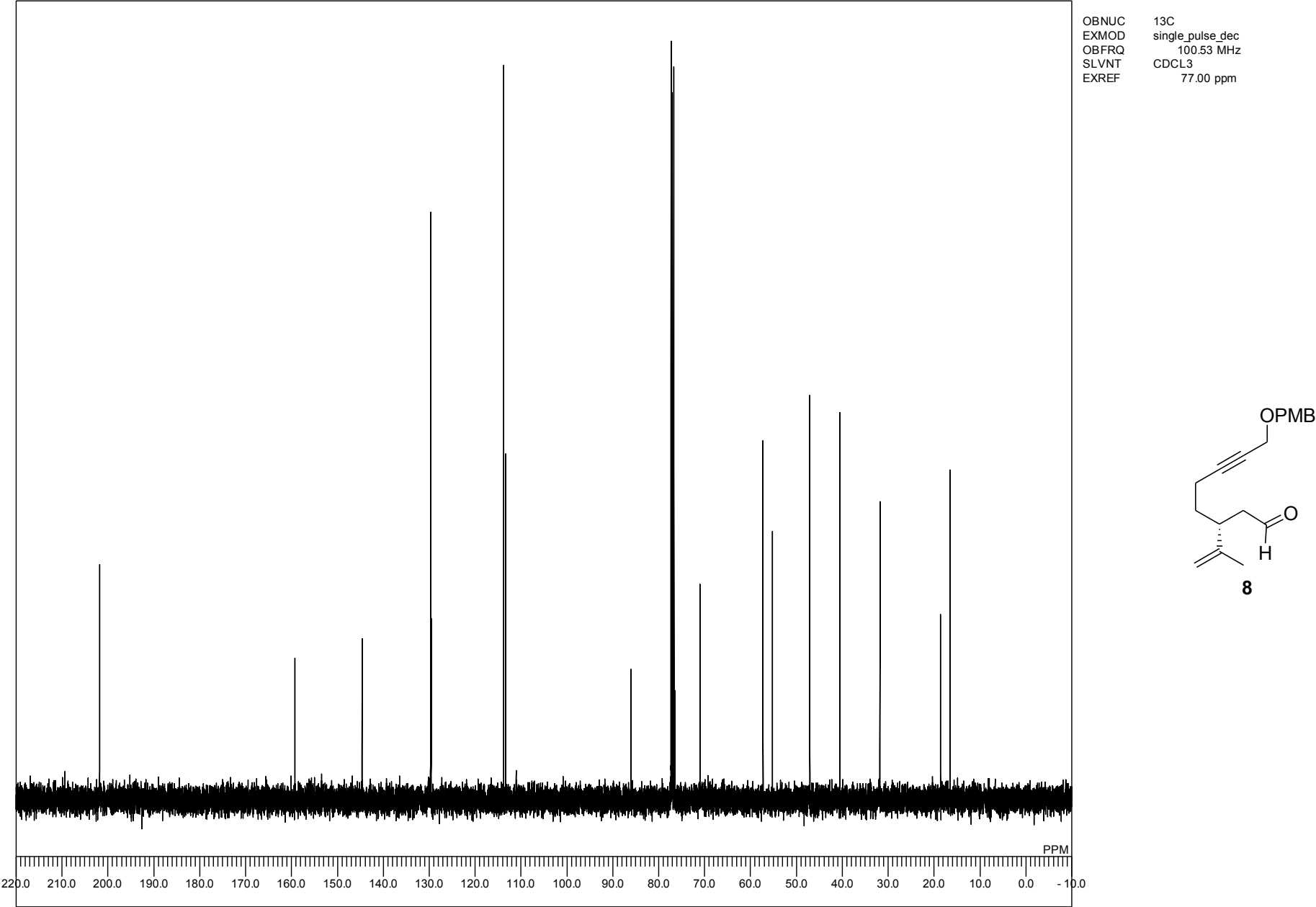


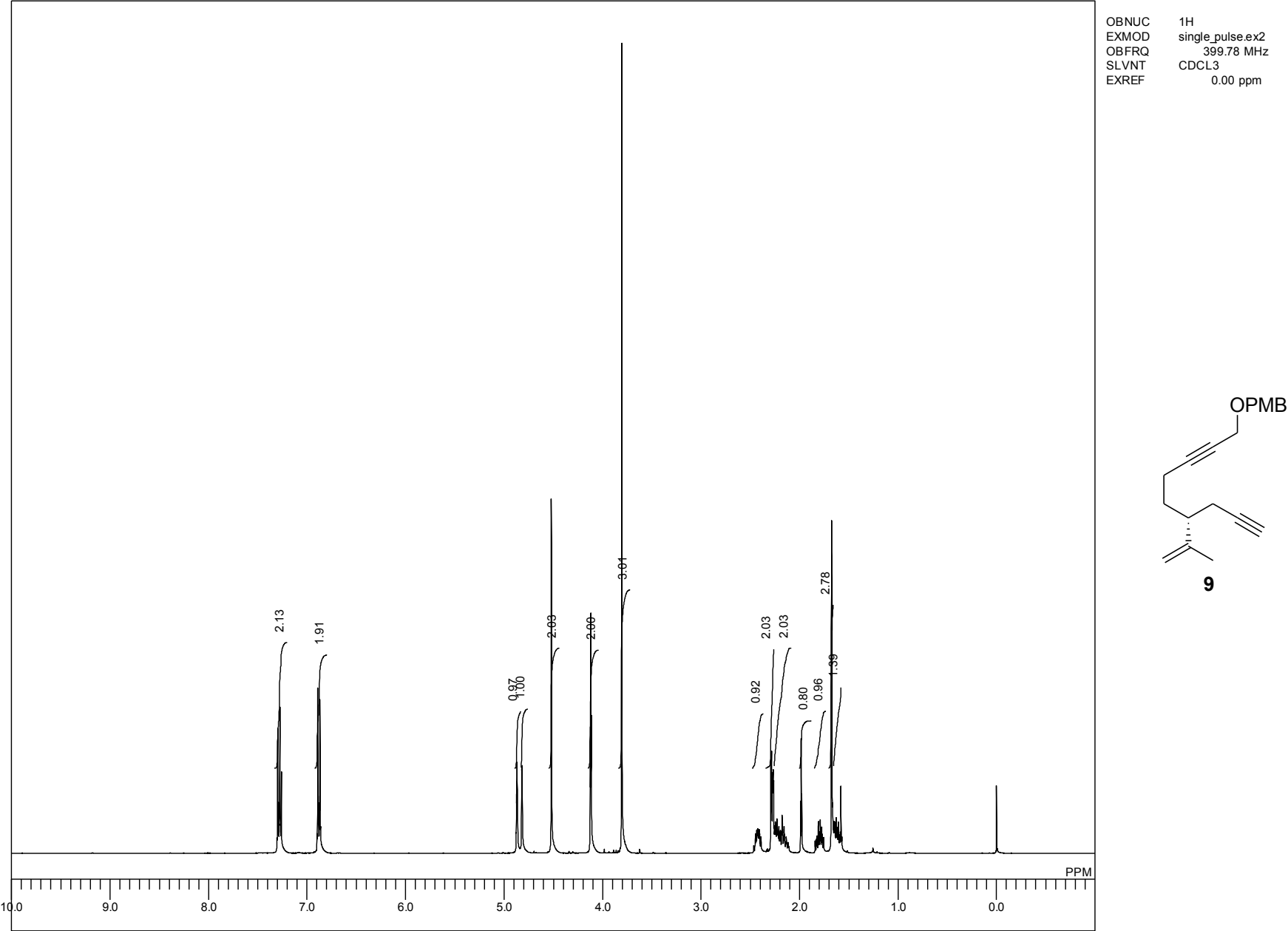


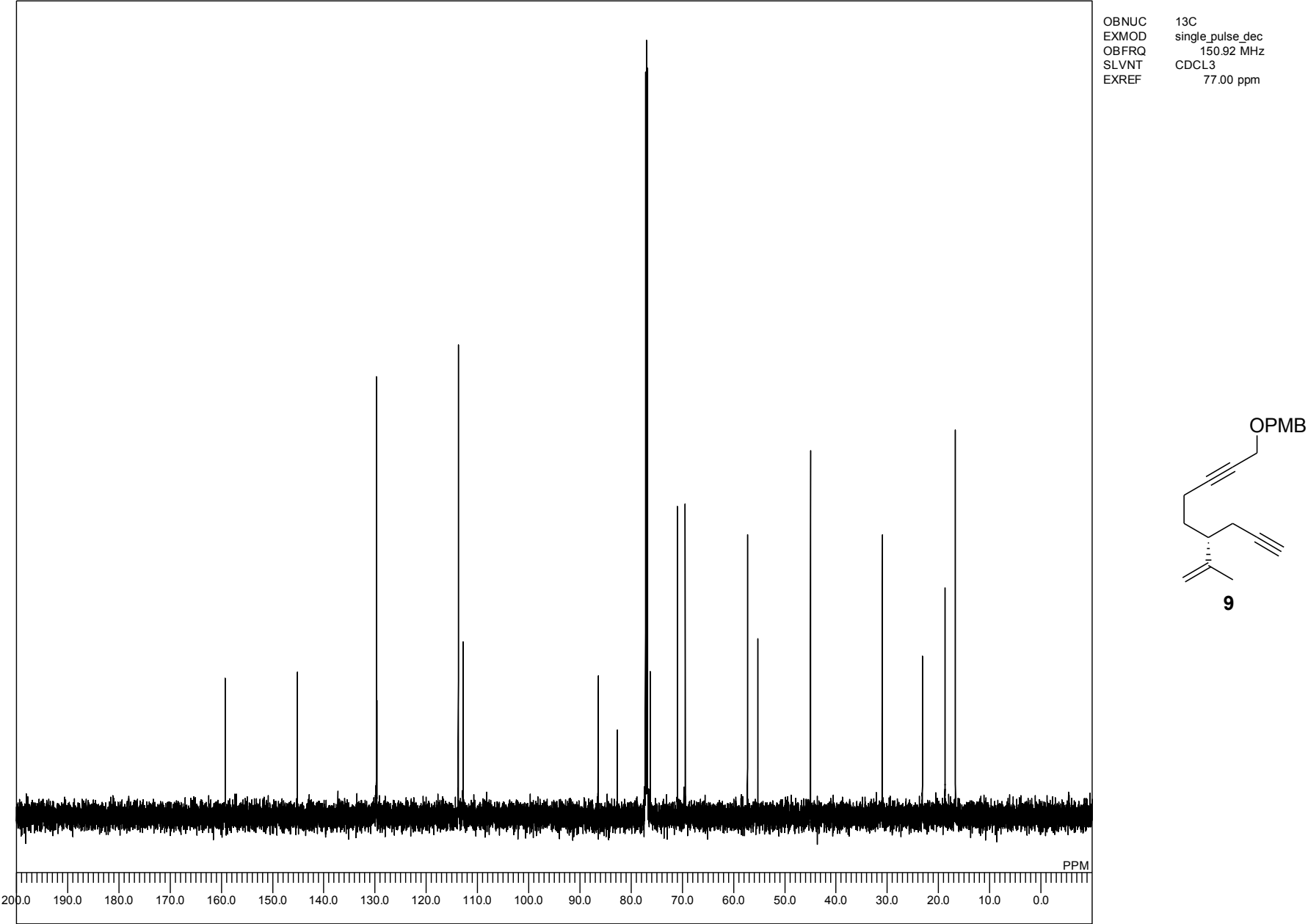
OBNUC  
EXMOD  
OBFRQ  
SLVNT  
EXREF

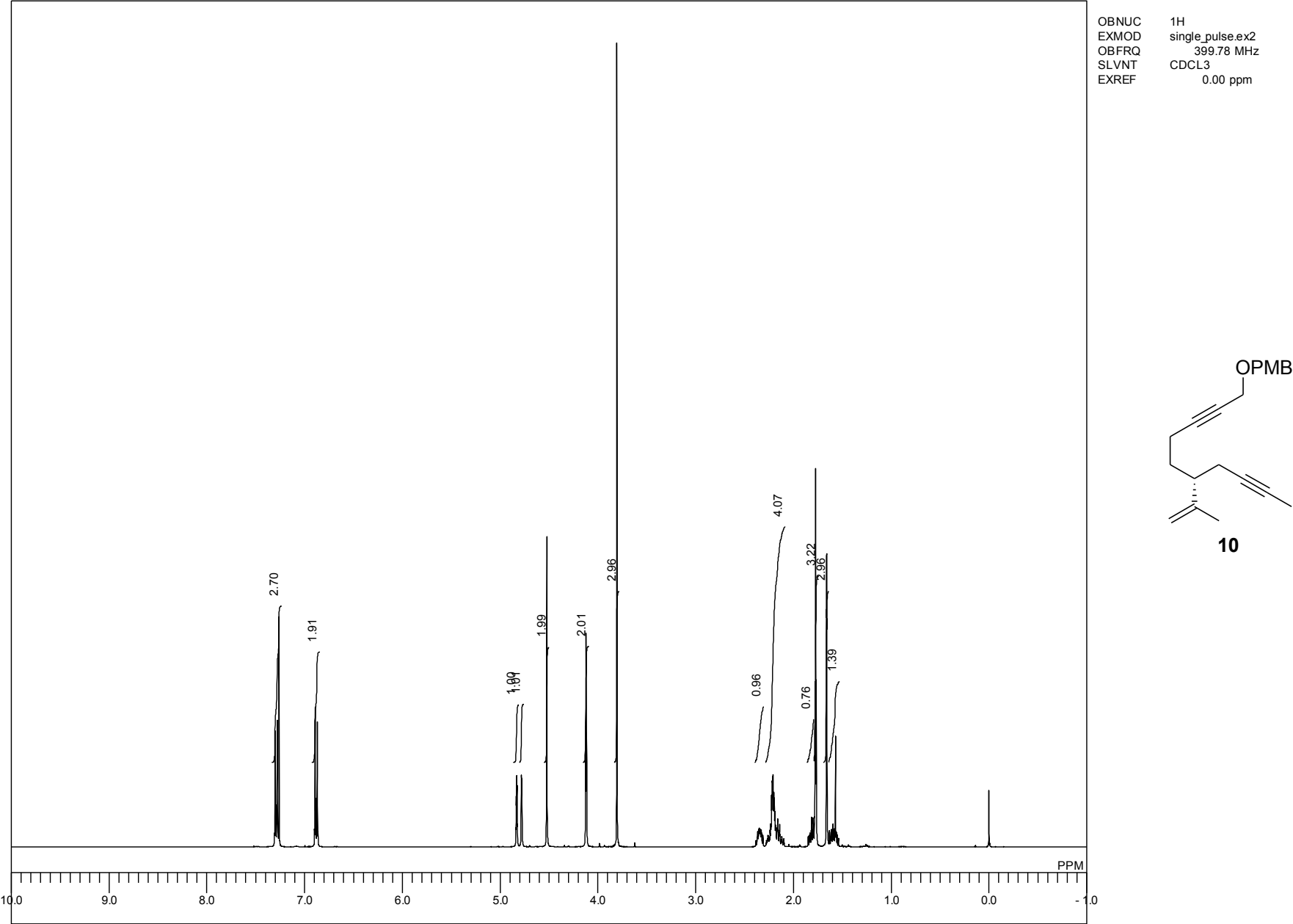
1H  
single\_pulse.ex2  
399.78 MHz  
CDCL3  
7.26 ppm



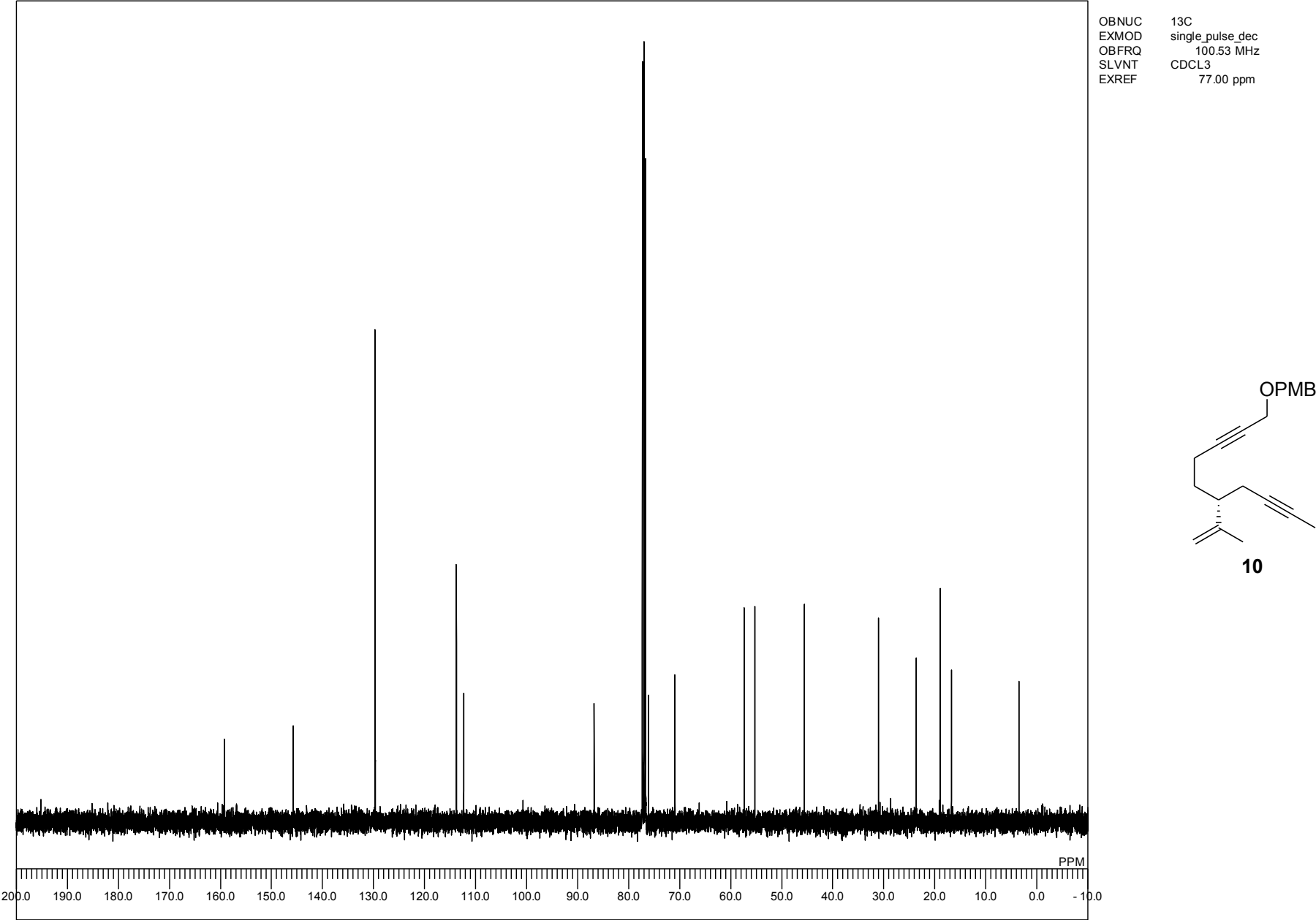


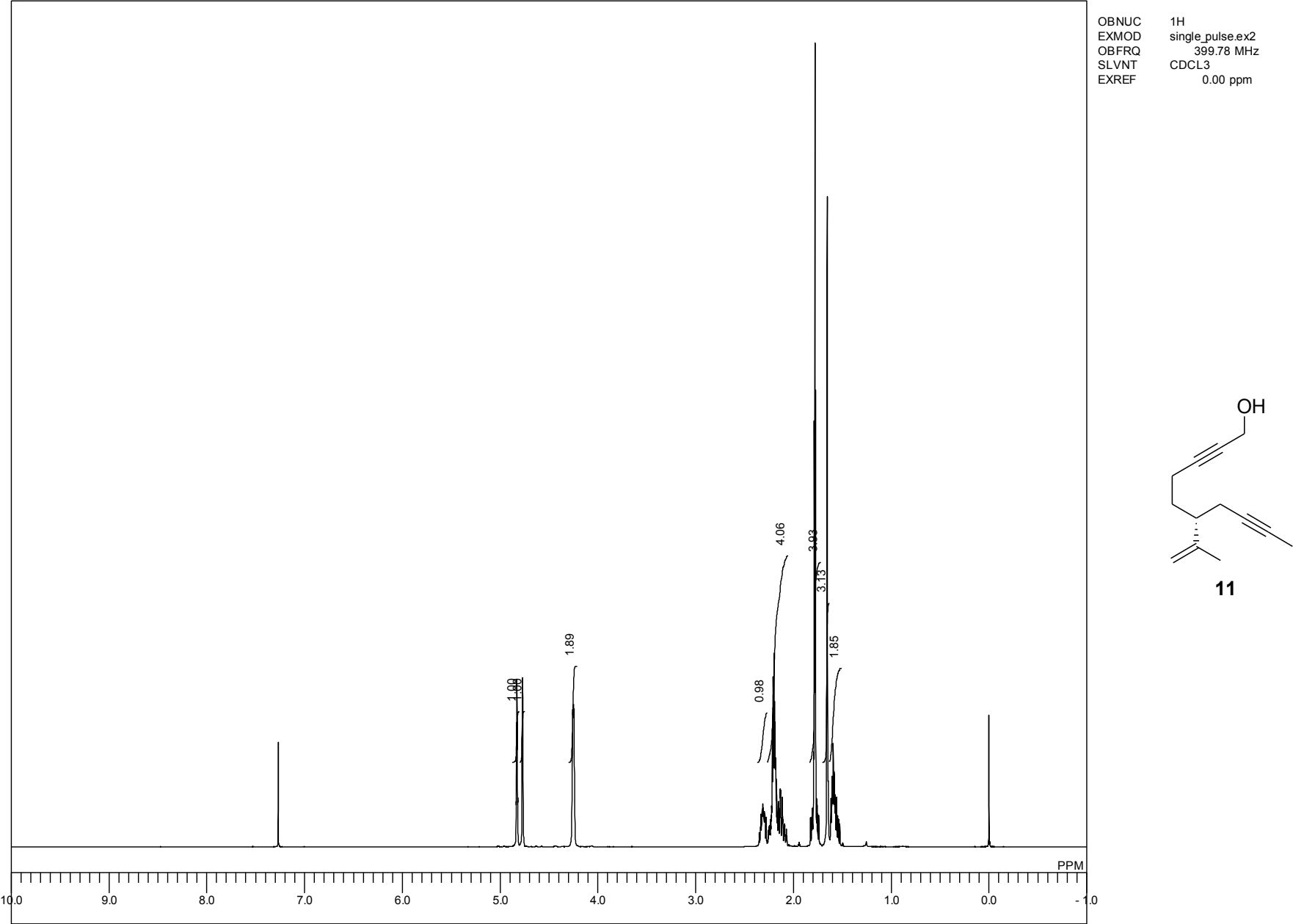


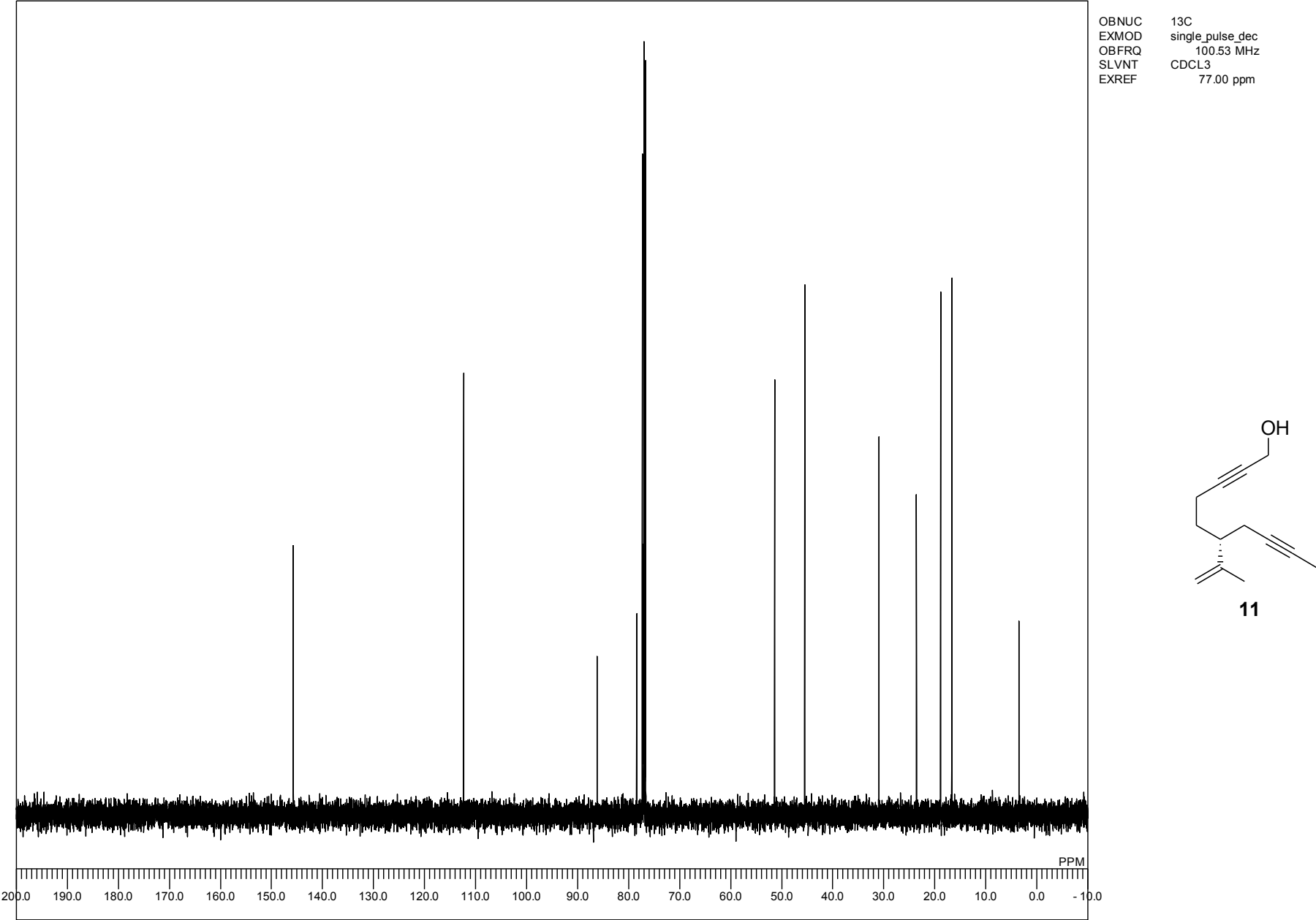


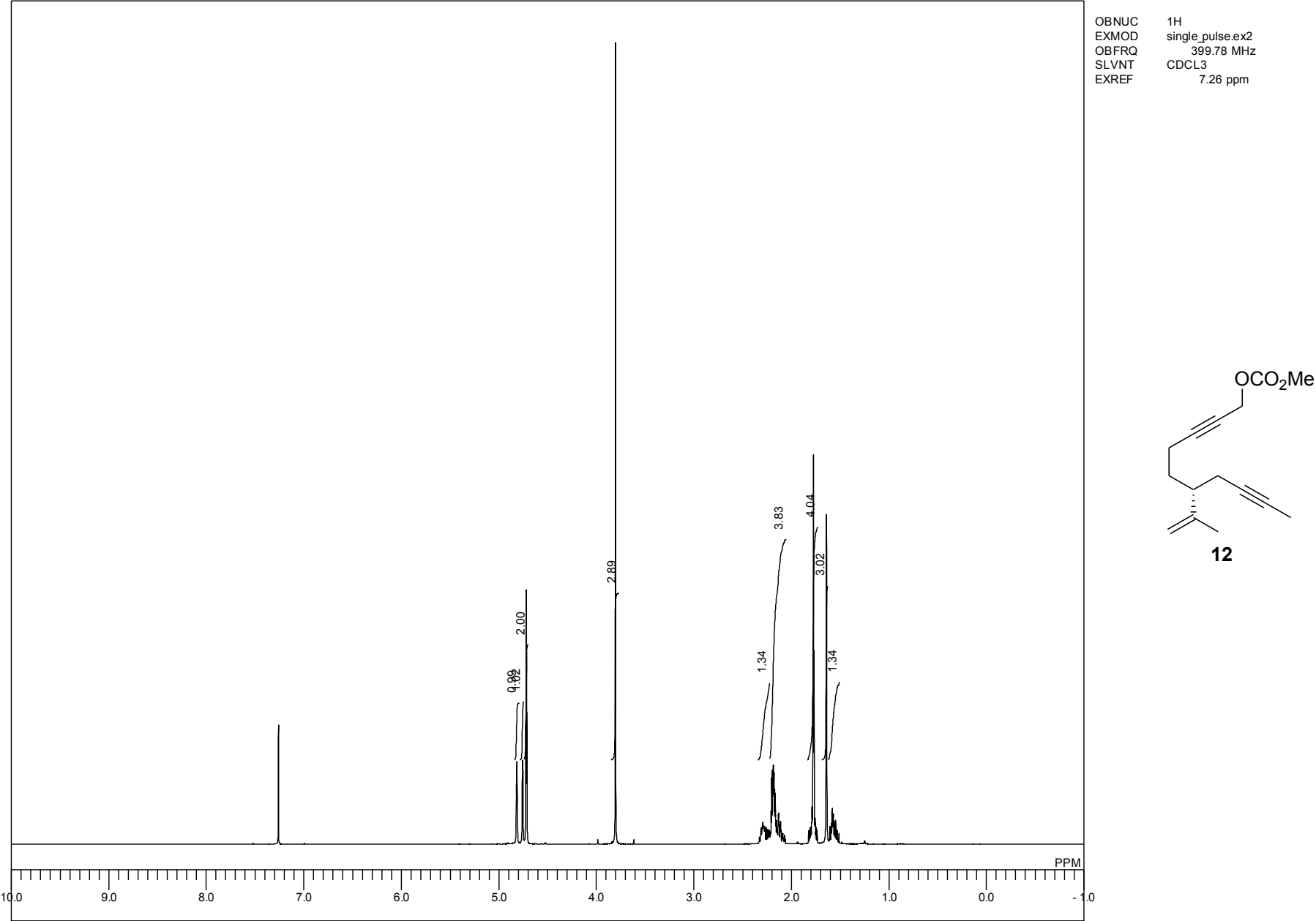


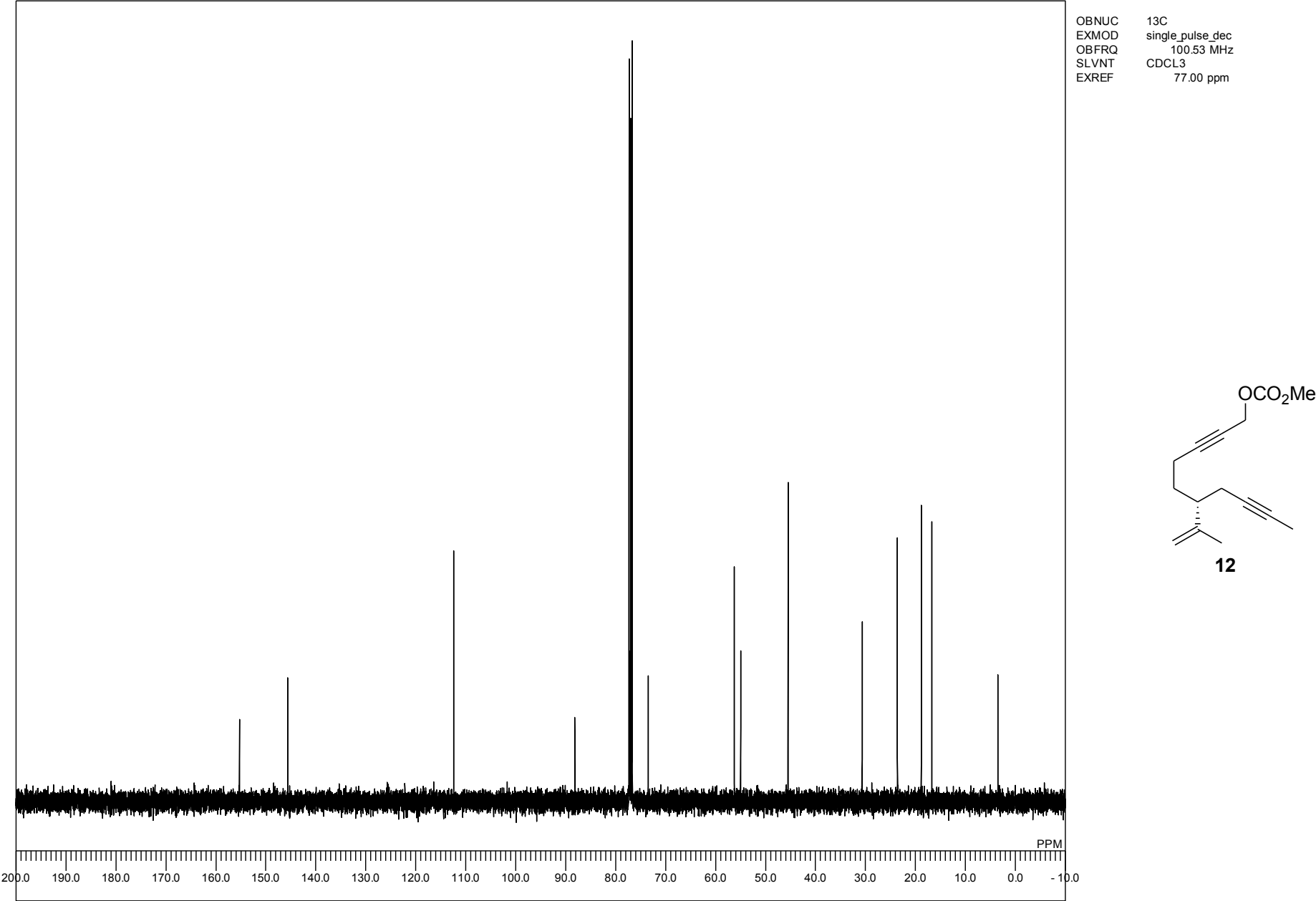


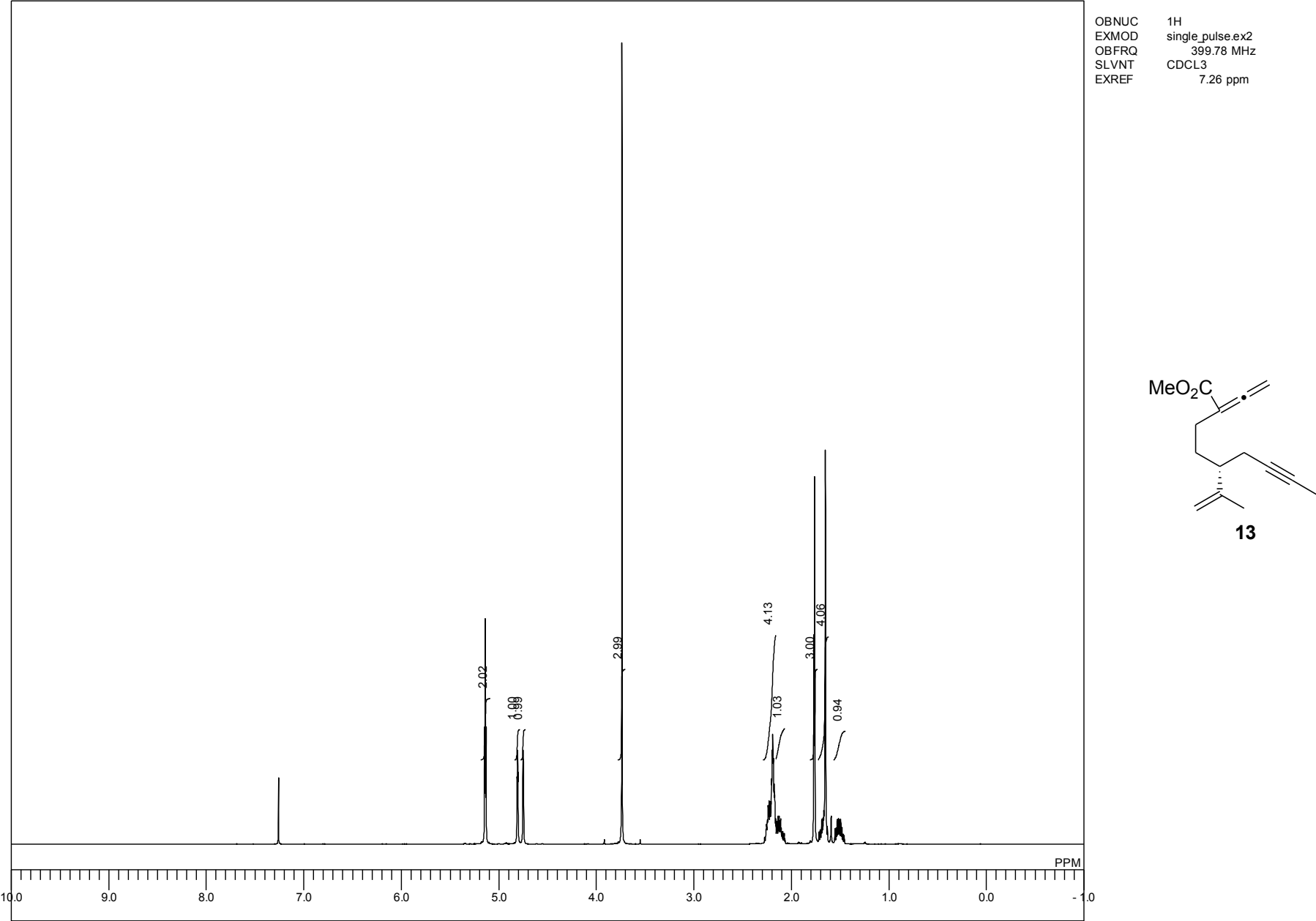


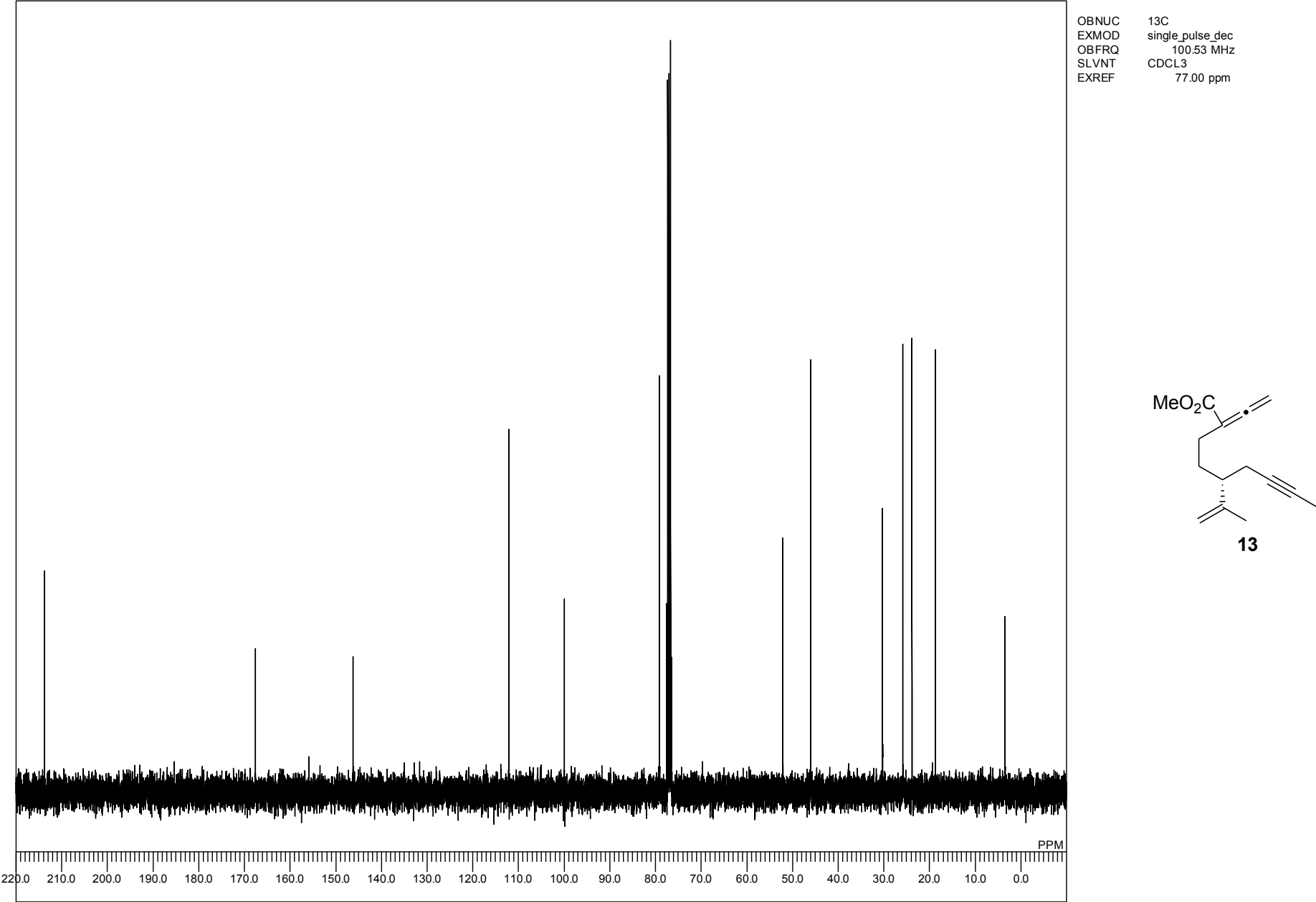


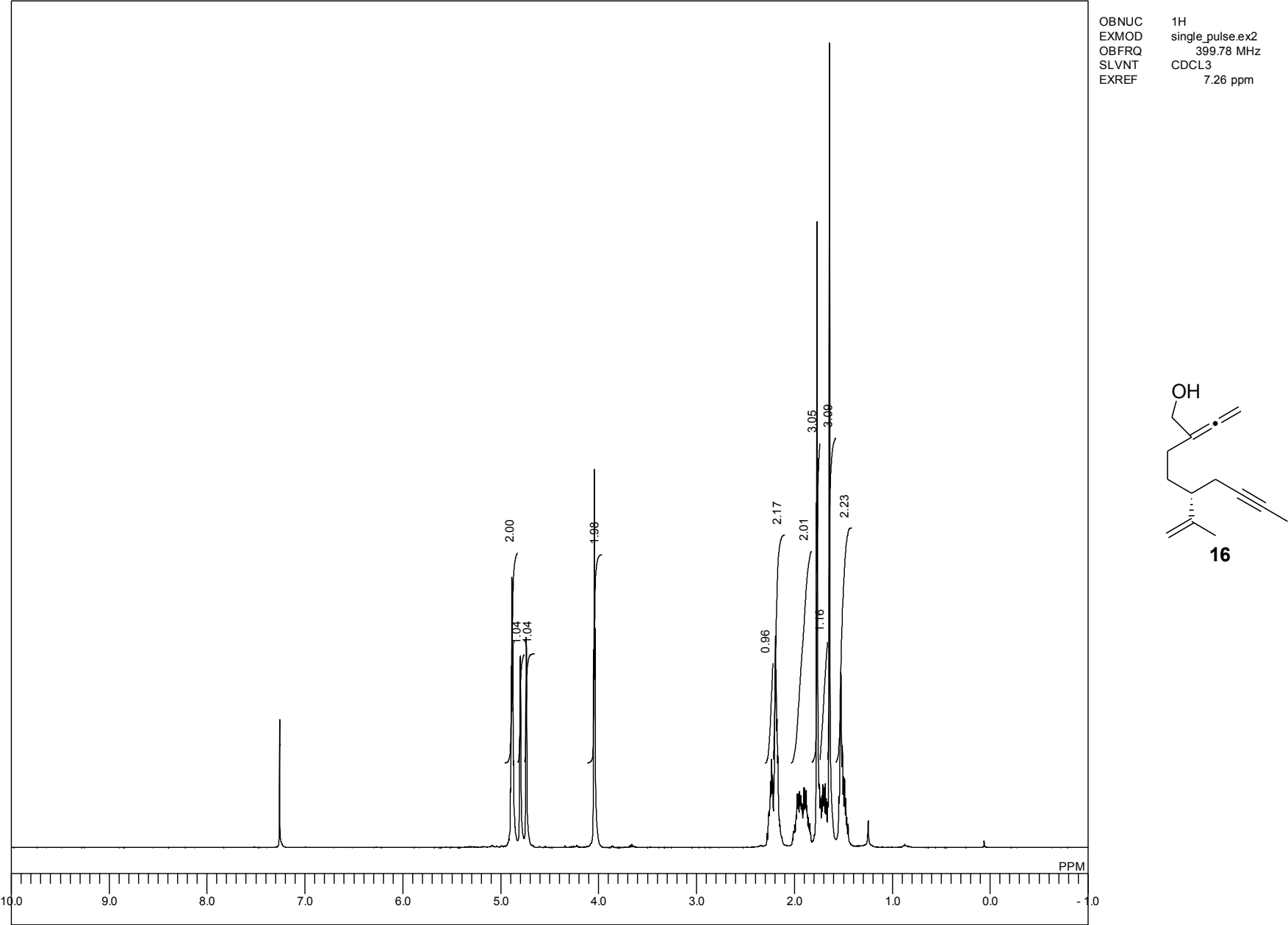




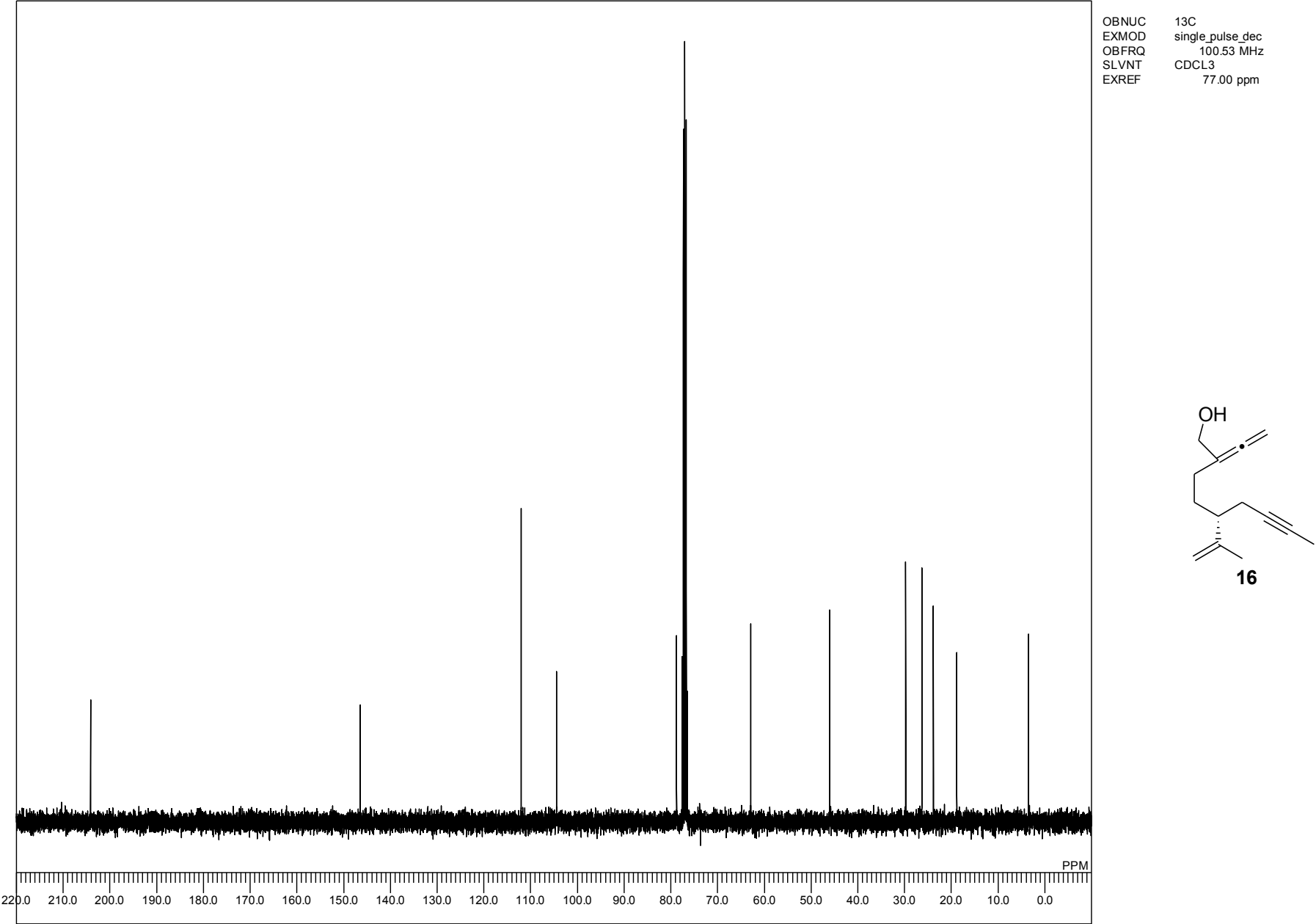


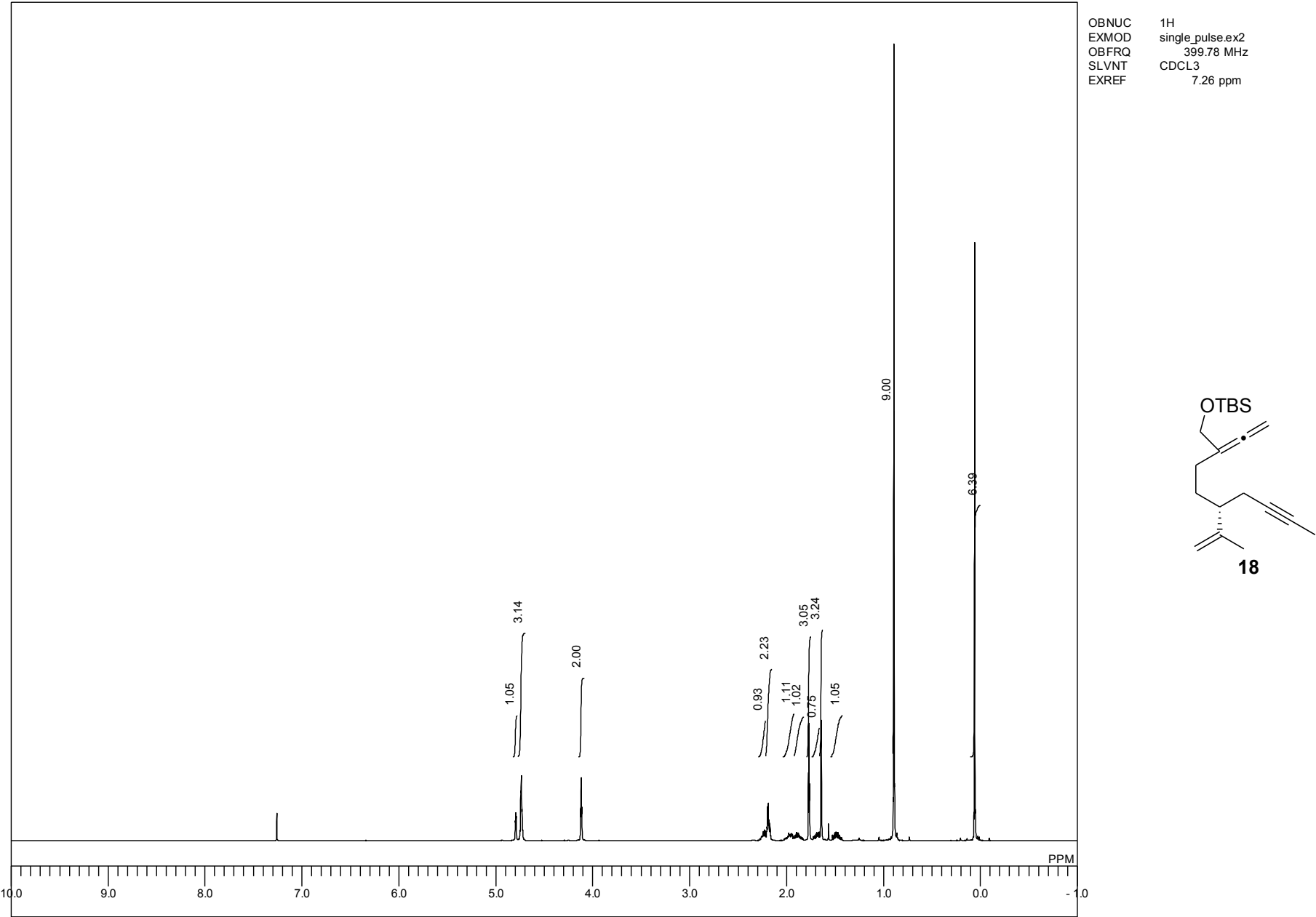


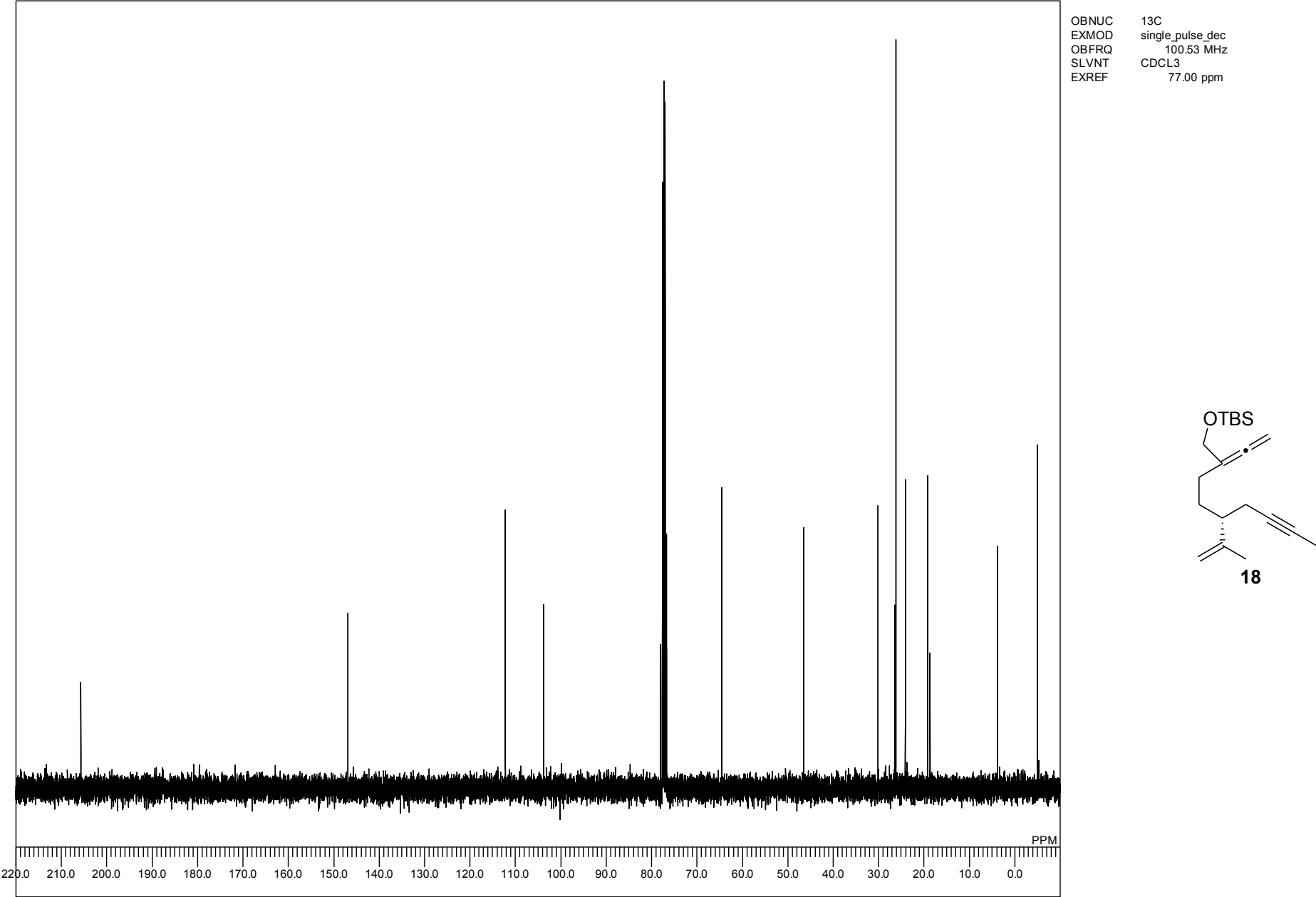


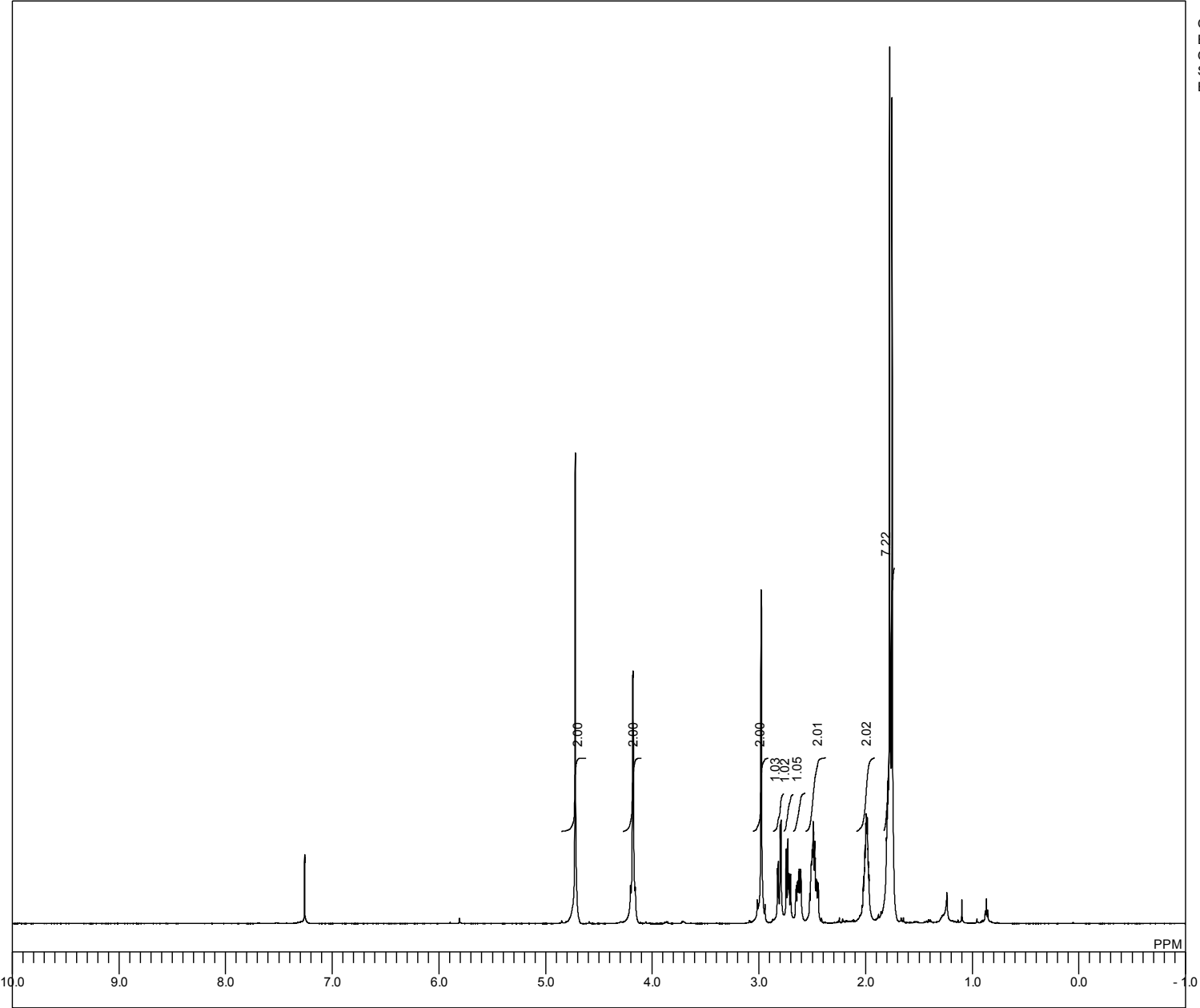




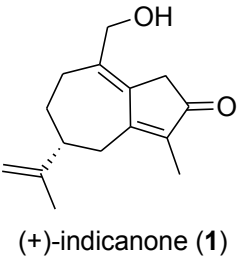


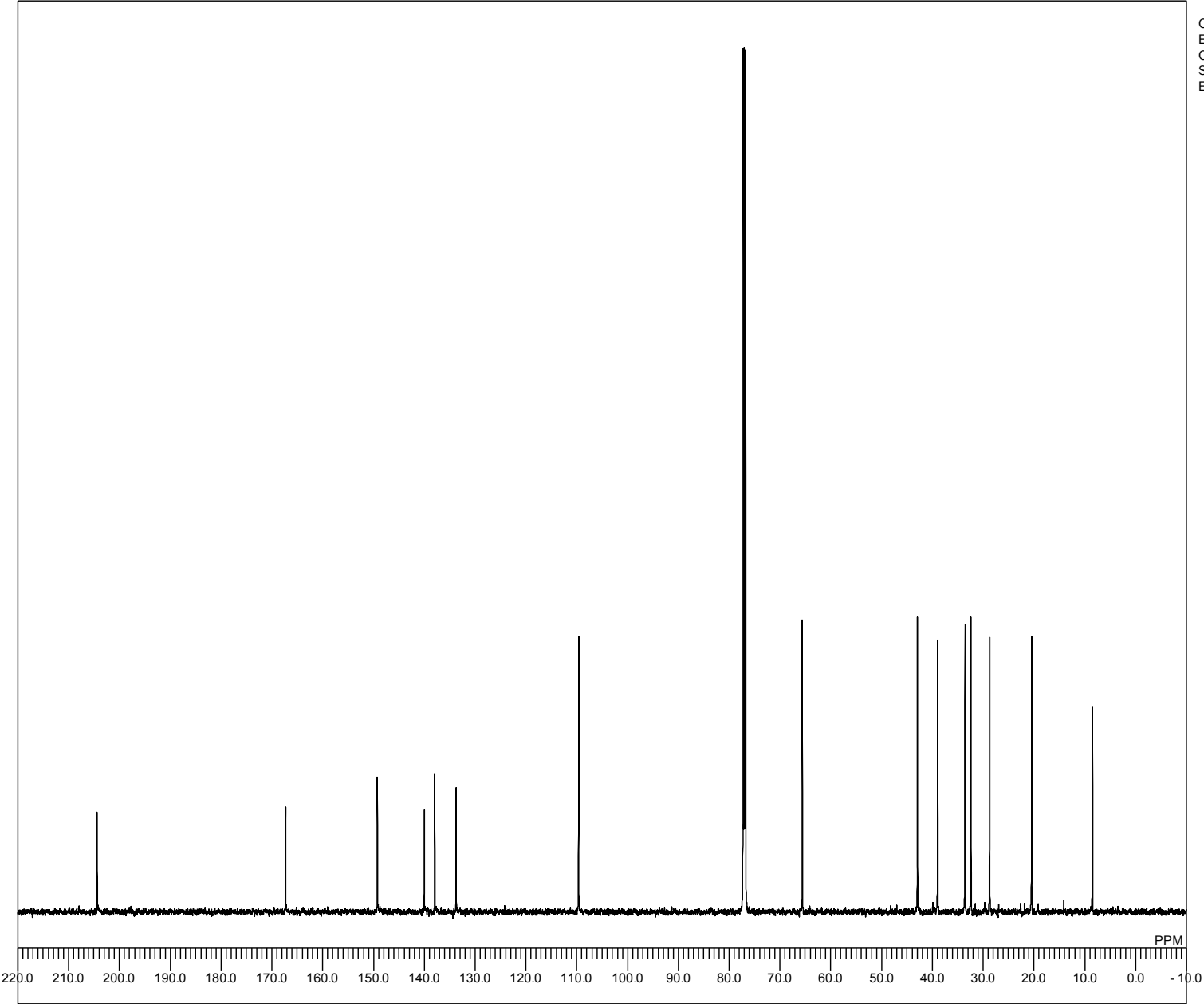




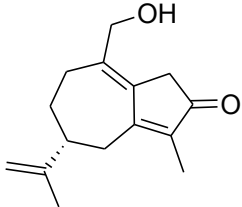


OBNUC 1H  
EXMOD single\_pulse.ex2  
OBFRQ 600.17 MHz  
SLVNT CDCL3  
EXREF 7.26 ppm

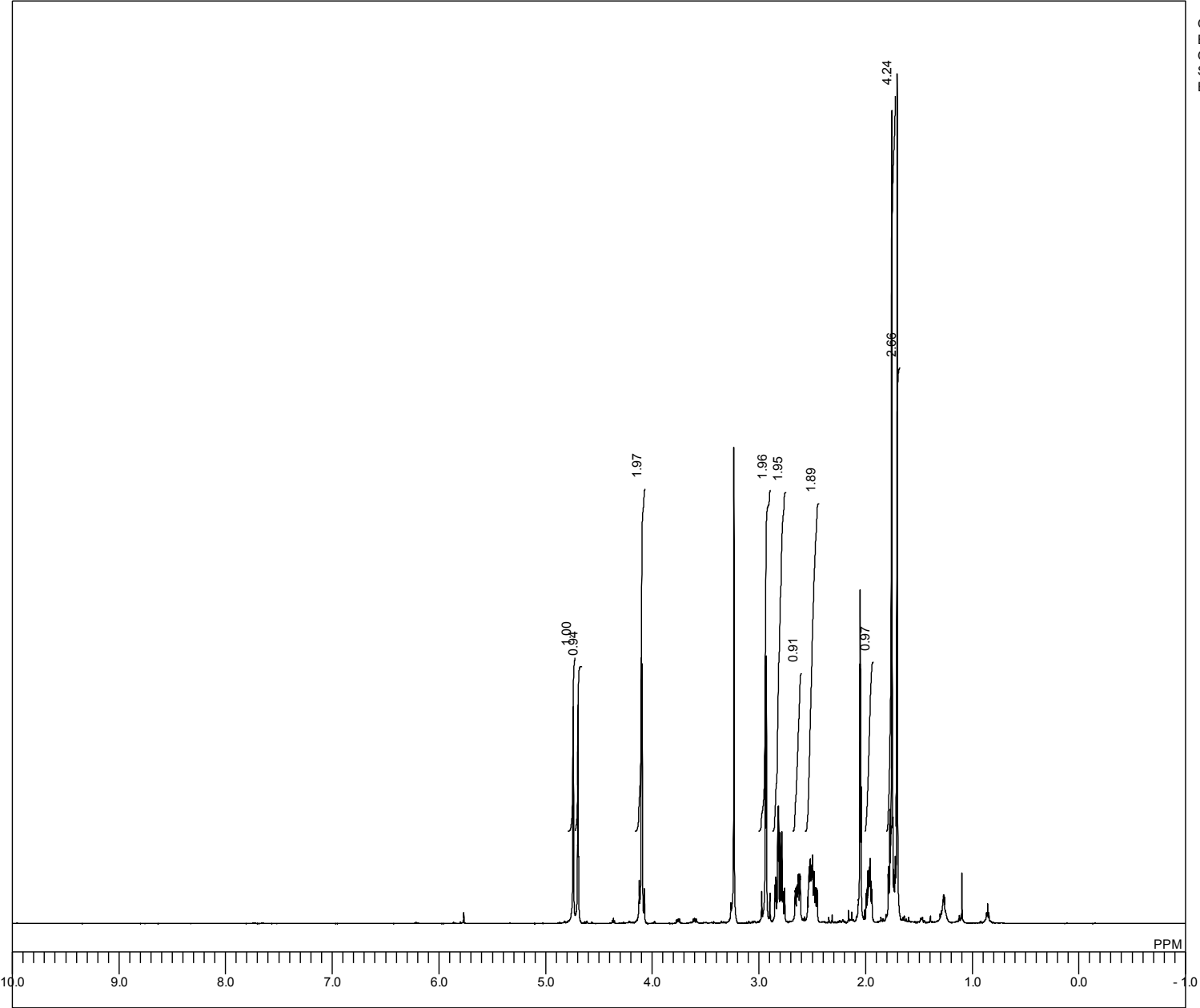




OBNUC 13C  
EXMOD single\_pulse\_dec  
OBFRQ 150.92 MHz  
SLVNT CDCL3  
EXREF 77.00 ppm

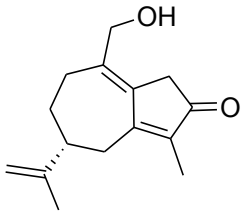


(+)-indicanone (**1**)

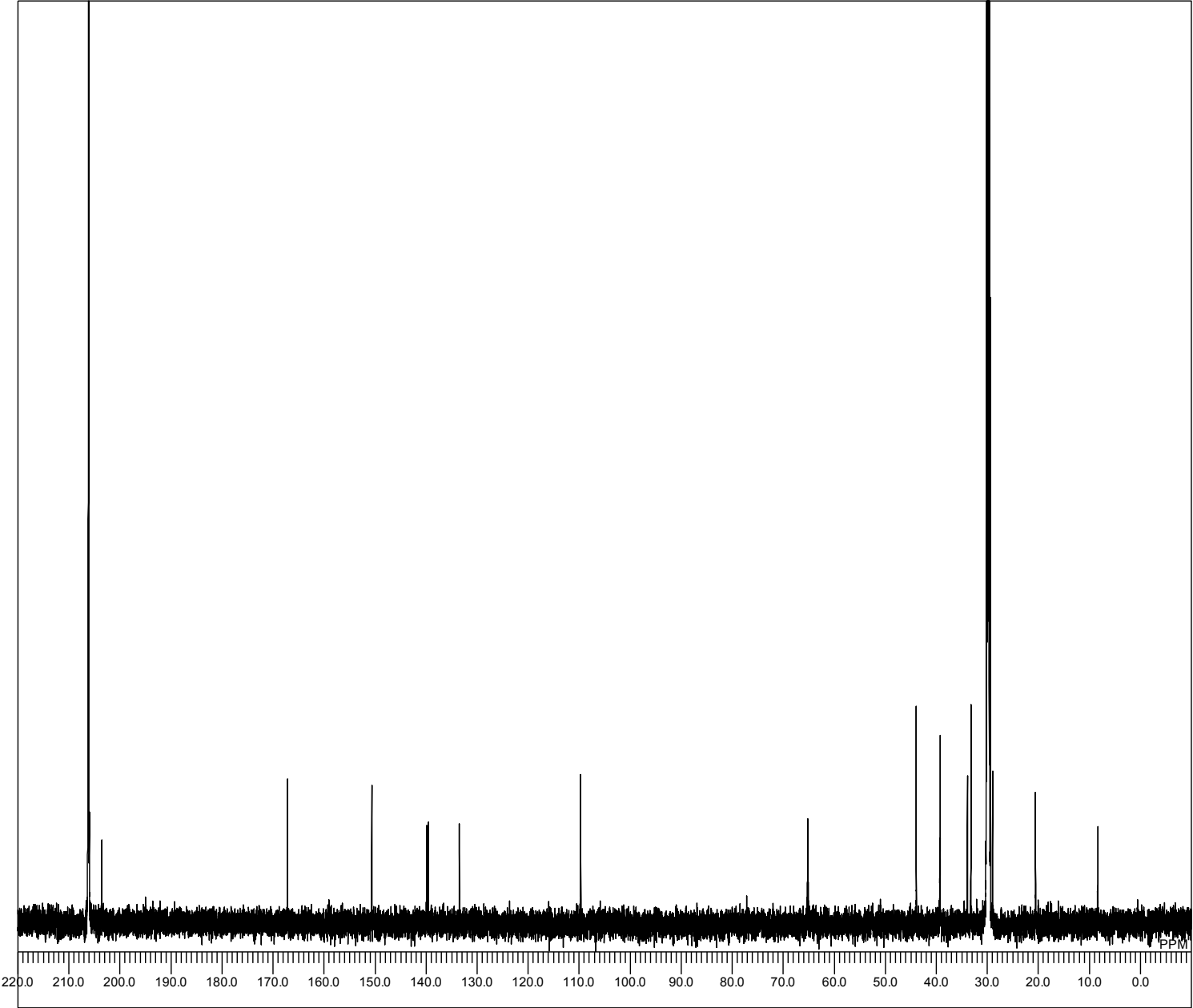


OBNUC  
EXMOD  
OBFRQ  
SLVNT  
EXREF

1H  
single\_pulse.ex2  
600.17 MHz  
ACETN  
2.05 ppm



(+)-indicanone (1)



OBNUC 13C  
EXMOD single\_pulse\_dec  
OBFRQ 150.92 MHz  
SLVNT ACETN  
EXREF 29.80 ppm

