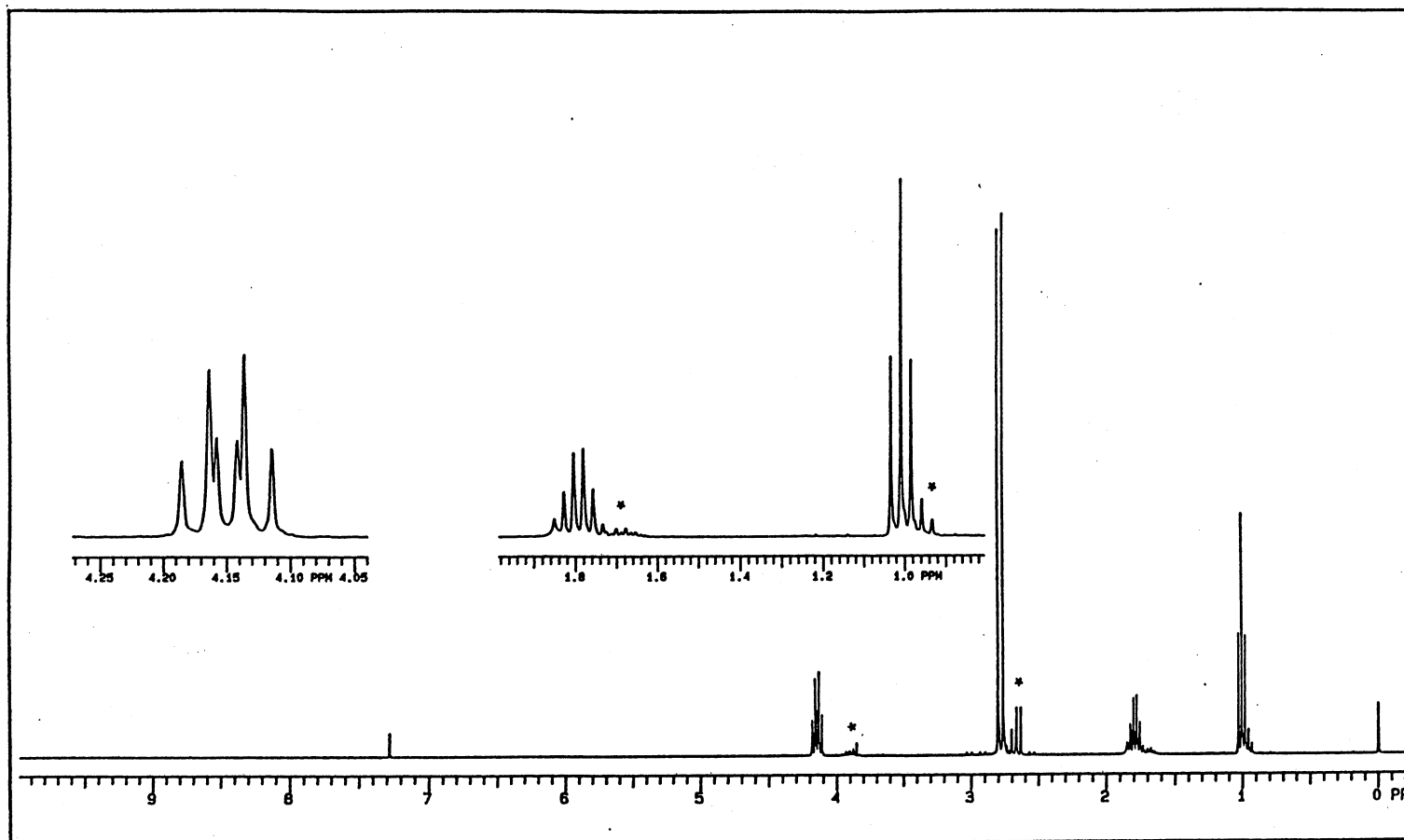
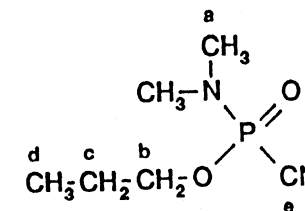


## Propyl N,N-dimethylphosphoramidocyanidate

[       ]

 $^1\text{H-NMR}$ 

nuc.	$\delta$ [ppm]
a	2.78
b	4.15
c	1.79
d	1.01

J(a,P)	11.3 Hz
J(b,P)	8.2 Hz
J(b,c)	6.6 Hz
J(c,d)	7.4 Hz

Res. freq. 299.943 MHz  
 Solvent:  $\text{CDCl}_3$   
 Temperature:  $24^\circ\text{C}$   
 Concentration: approx. 100 mg/ml  
 Reference: TMS (internal)

Spectral width: 4000 Hz  
 Data points (FID): 28992  
 Data points (spec.): 16K  
 Pulse width:  $7 \mu\text{s}$  ( $24^\circ$ )  
 Number of scans: 212

Rep.time.: 3.62 s  
 Line broad.: not used  
 Resolution: 0.9 Hz (TMS)  
 Instrument: Varian VXR-300  
 Filename: