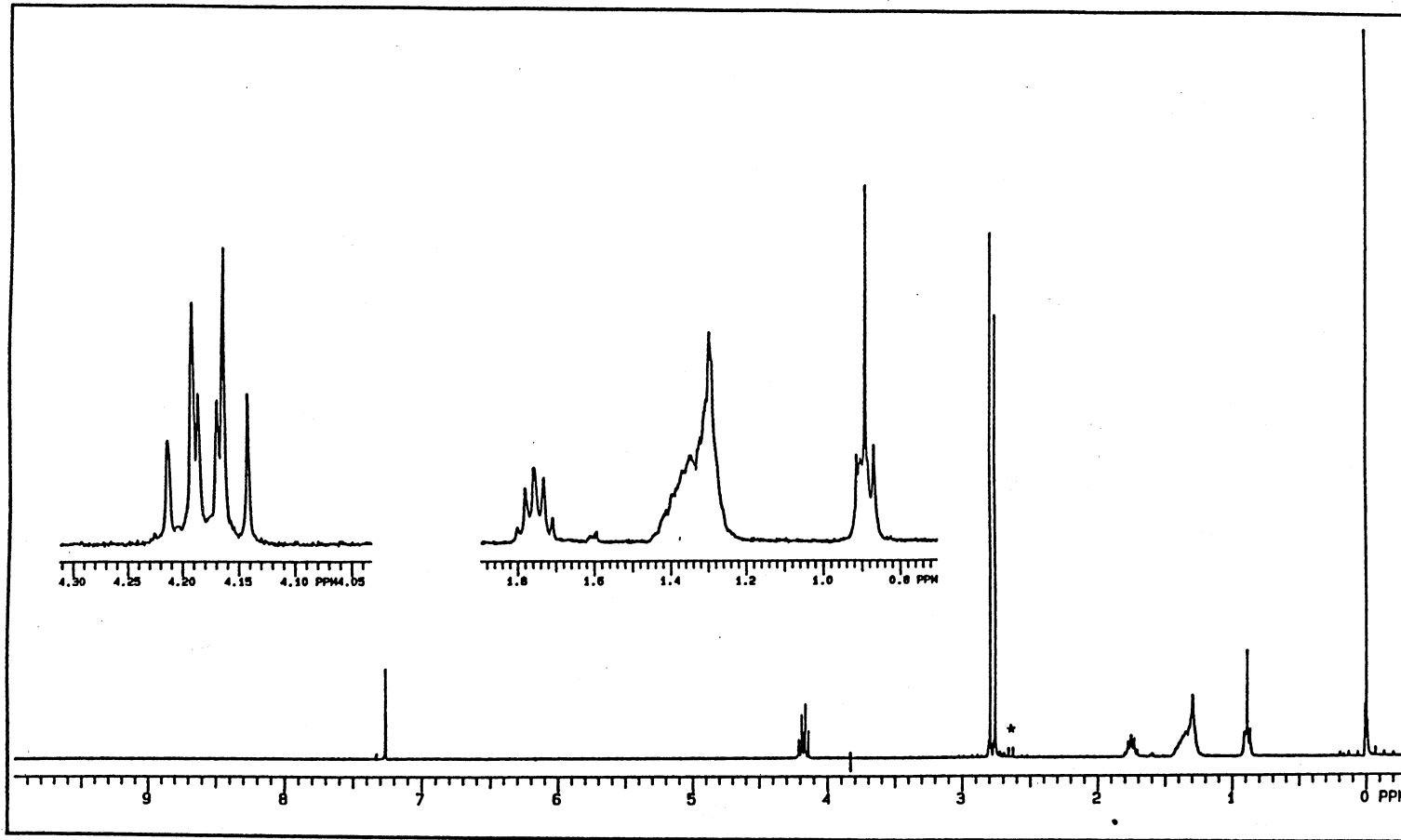
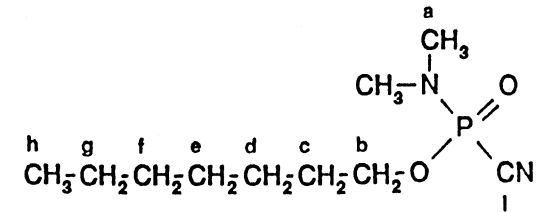


## Heptyl N,N-dimethylphosphoramidocyanidate

[ ]

<sup>1</sup>H-NMR

nuc.	$\delta$ [ppm]
a	2.78
b	4.18
c	1.75
d, e, f, g	1.25-1.45
h	0.89

J(a, P)	11.3 Hz
J(b, P)	8.2 Hz
J(b, c)	6.7 Hz

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

Spectral width: 4000 Hz  
 Data points (FID): 28992  
 Data points (spec.): 16K  
 Pulse width: 7  $\mu\text{s}$  (24°)  
 Number of scans: 64

Rep.time.: 3.62 s  
 Line broad.: not used  
 Resolution: 0.54 Hz (TMS)  
 Instrument: Varian VXR-300  
 Filename: