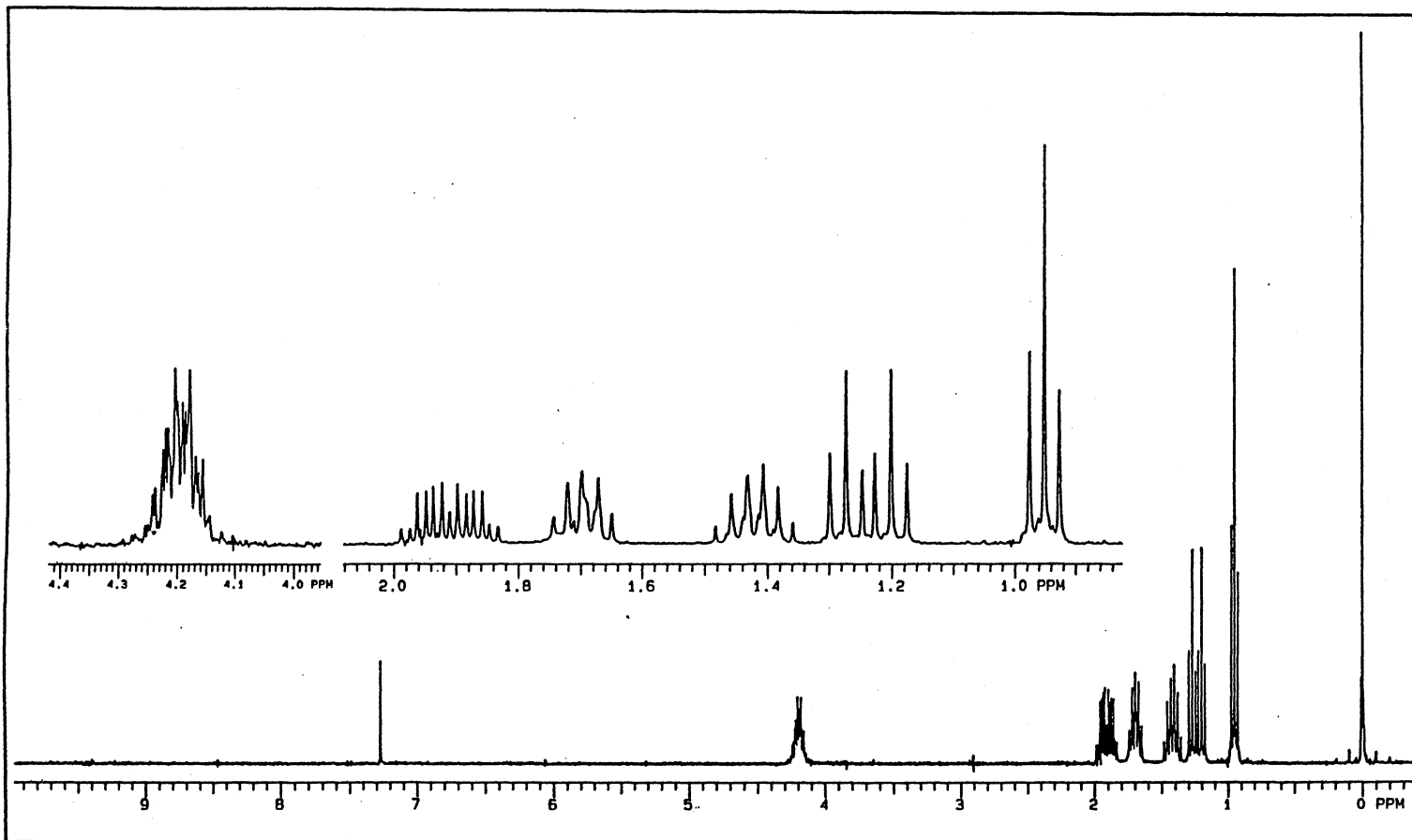
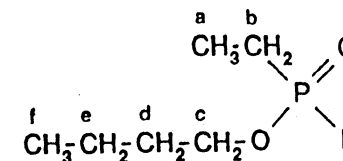


## Butyl ethylphosphonofluoridate

[18358-34-4]

 $^1\text{H-NMR}$ nuc.       $\delta$  [ppm]

a	1.24
b	1.91
c	4.19
d	1.70
e	1.42
f	0.95

J(a, P)	21.5 Hz
J(b, P)	19.4 Hz
J(b, F)	4.2 Hz
J(a, b)	7.7 Hz
J(e, f)	7.3 Hz

Res. freq.    299.943 MHz  
 Solvent:      $\text{CDCl}_3$   
 Temperature: 24°C  
 Concentration: approx. 20mg/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: 167

Rep.time.:    3.62 s  
 Line broad.: not used  
 Resolution:    0.64 Hz (TMS)  
 Instrument:    Varian VXR-300  
 Filename: