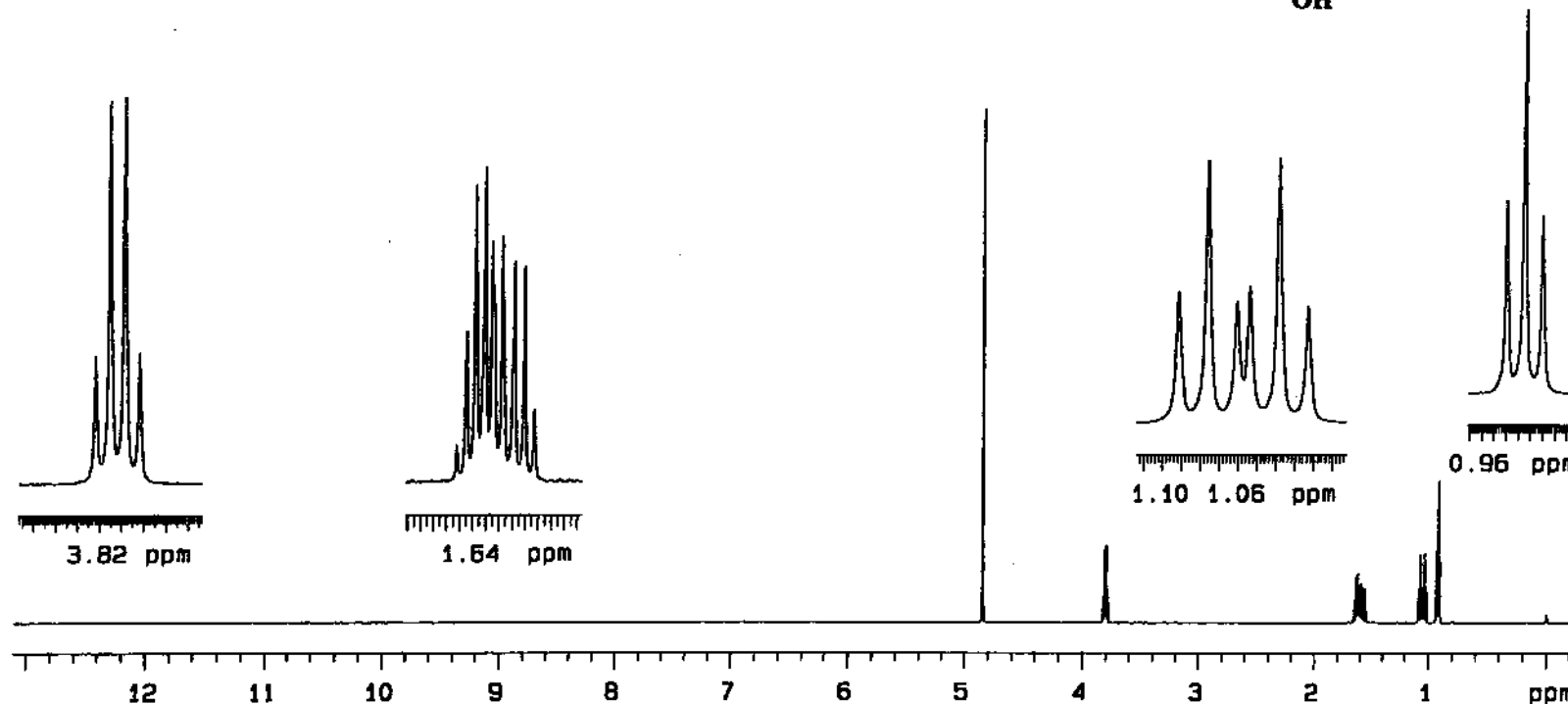
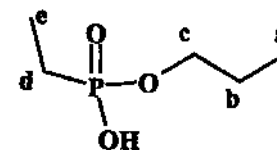


**Propyl ethylphosphonate**  
[20442-53-9]

**<sup>1</sup>H NMR**

Res. freq: 499.83 MHz  
Solvent: D<sub>2</sub>O (pH=14)  
Temperature: 28°C  
Concentration: 0.077 μl/μl  
Reference: TSPA-d<sub>4</sub> [internal]  
Spectral Width: 6712.5 Hz  
Data points [Fid]: 134272  
Data Points [Spectrum]: 128K

Pulse Width: 1.8 μs (16°)  
Number of Scans: 32  
Line Broadening: no  
Rep. time : 10.0 s  
Resolution: 0.6 Hz [HDO]  
Instrument: Varian INOVA 500

nuc δ[ppm]  
a: 0.926  
b: 1.630  
c: 3.804  
d: 1.587  
e: 1.058

J[Hz]  
J(a,b) = 7.5  
J(c,P) = 6.8  
J(d,e) = 7.7, J(d,P) = 17.0  
J(e,P) = 18.8

*Urs Meier*