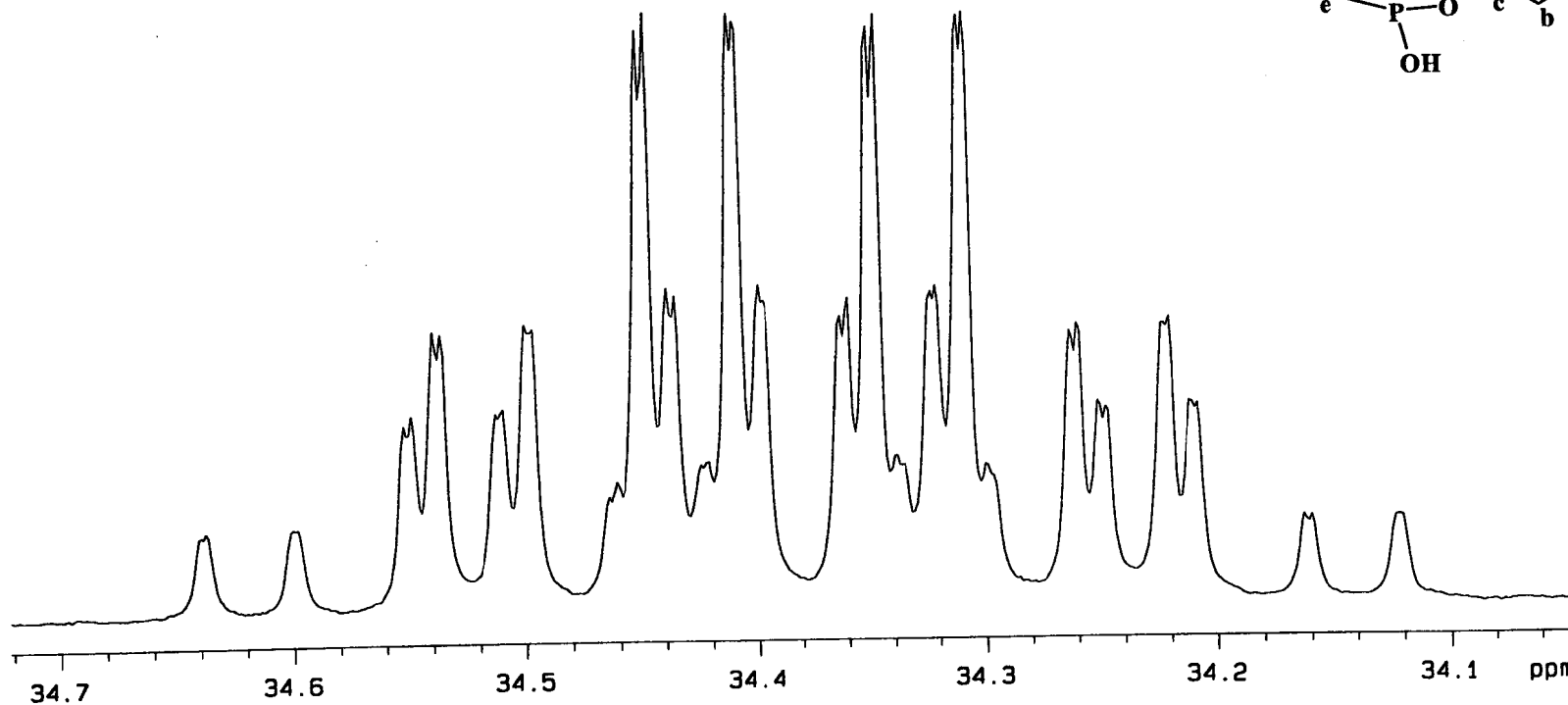
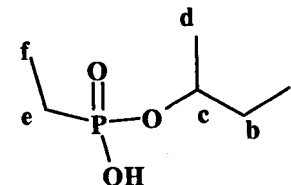


**Sec-butyl ethylphosphonate**  
[170082-57-2]

**$^{31}\text{P}$  NMR**



Res.freq: 202.347 MHz  
Solvent: D<sub>2</sub>O (pH=1)  
Temperature: 28°C  
Concentration: 0.077 μl/μl  
Reference: H<sub>3</sub>PO<sub>4</sub> [external]  
Spectral Width: 30018.8 Hz  
Data points [Fid]: 109184  
Data Points [Spectrum]: 256K

Pulse Width: 3.9 μs [23°]  
Number of Scans: 2048  
Line Broadening: no  
Rep.time: 1.82 s  
Resolution:  
Instrument: Varian INOVA 500

nuc δ[ppm]  
P: 34.38

J[Hz]  
J(c,P) = 8.0, J(e,P) = 17.8, J(f,P) = 20.3

*Urs Meier*