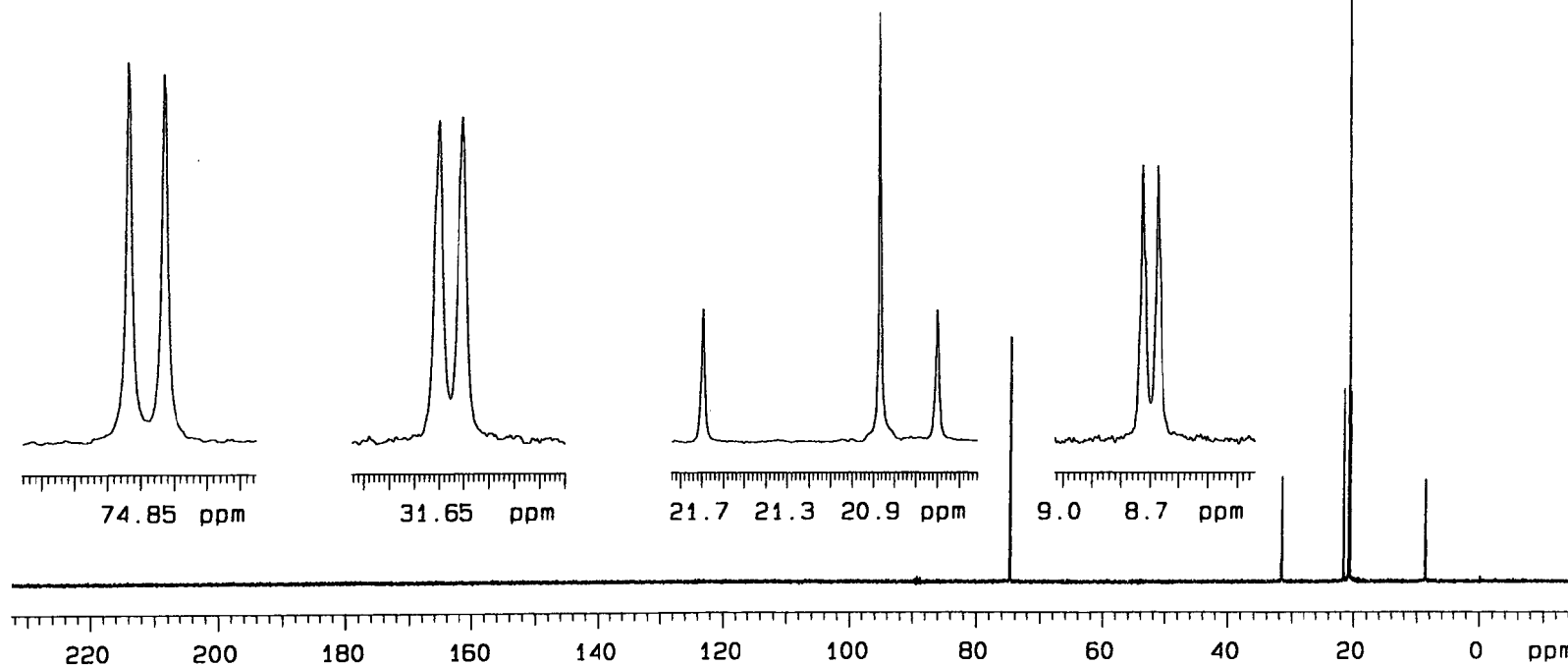
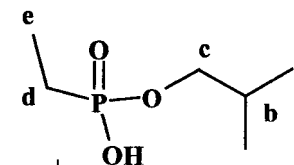


## Isobutyl ethylphosphonate

 $^{13}\text{C}\{^1\text{H}\}$  NMR

Res.freq: 125.697 MHz  
 Solvent: D<sub>2</sub>O (pH=1)  
 Temperature: 28°C  
 Concentration: 0.077 μl/ μl  
 Reference: TSPA-d<sub>4</sub> [internal]  
 Spectral Width: 31298.9 Hz  
 Data points [Fid]: 115712  
 Data Points [Spectrum]: 256K

Pulse Width: 10 μs [72°]  
 Number of Scans: 4096  
 Line Broadening: exp. 0.5 Hz  
 Rep.time: 1.85 s  
 Resolution: 1.4 Hz (TSPA-d<sub>4</sub>)  
 Instrument: Varian INOVA 500

nuc	δ[ppm]	J[Hz]
a:	20.88	
b:	31.63	J(b,P) = 6.0
c:	74.84	J(c,P) = 6.7
d:	21.15	J(d,P) = 138.1
e:	8.70	J(e,P) = 6.5

*U. Meier*