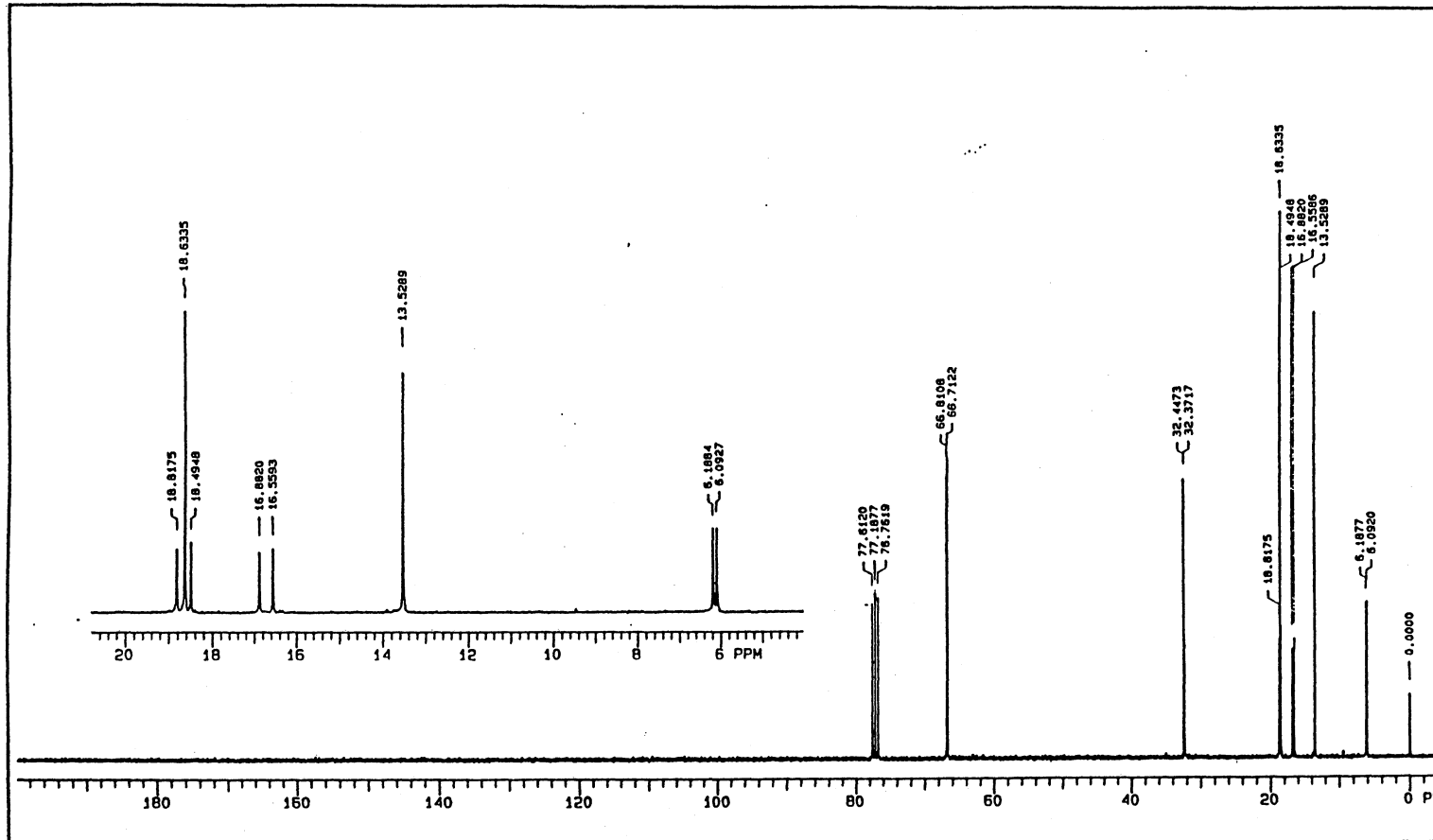
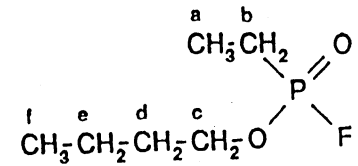


Butyl ethylphosphonofluoridate

[18358-34-4]

 $^{13}\text{C}\{\text{H}\}\text{-NMR}$ nuc. δ [ppm]

a	6.14
b	17.69
c	66.76
d	32.41
e	18.63
f	13.52

J(a,P)	7.2 Hz
J(b,P)	145.6 Hz
J(b,F)	24.5 Hz
J(c,P)	7.4 Hz
J(d,P)	5.6 Hz

Res. freq. 75.429 MHz
 Solvent: CDCl_3
 Temperature: 24°C
 Concentration: approx. 100mg/ml
 Reference: TMS (internal)

Spectral width: 16502 Hz
 Data points (FID): 54080
 Data points (spec.): 32K
 Pulse width: $5.6 \mu\text{s}$ (38°)
 Number of scans: 4000

Rep.time.: 1.64 s
 Line broad.: exp., 0.5 Hz
 Resolution: 1.03 Hz (TMS)
 Instrument: Varian VXR-300
 Filename: