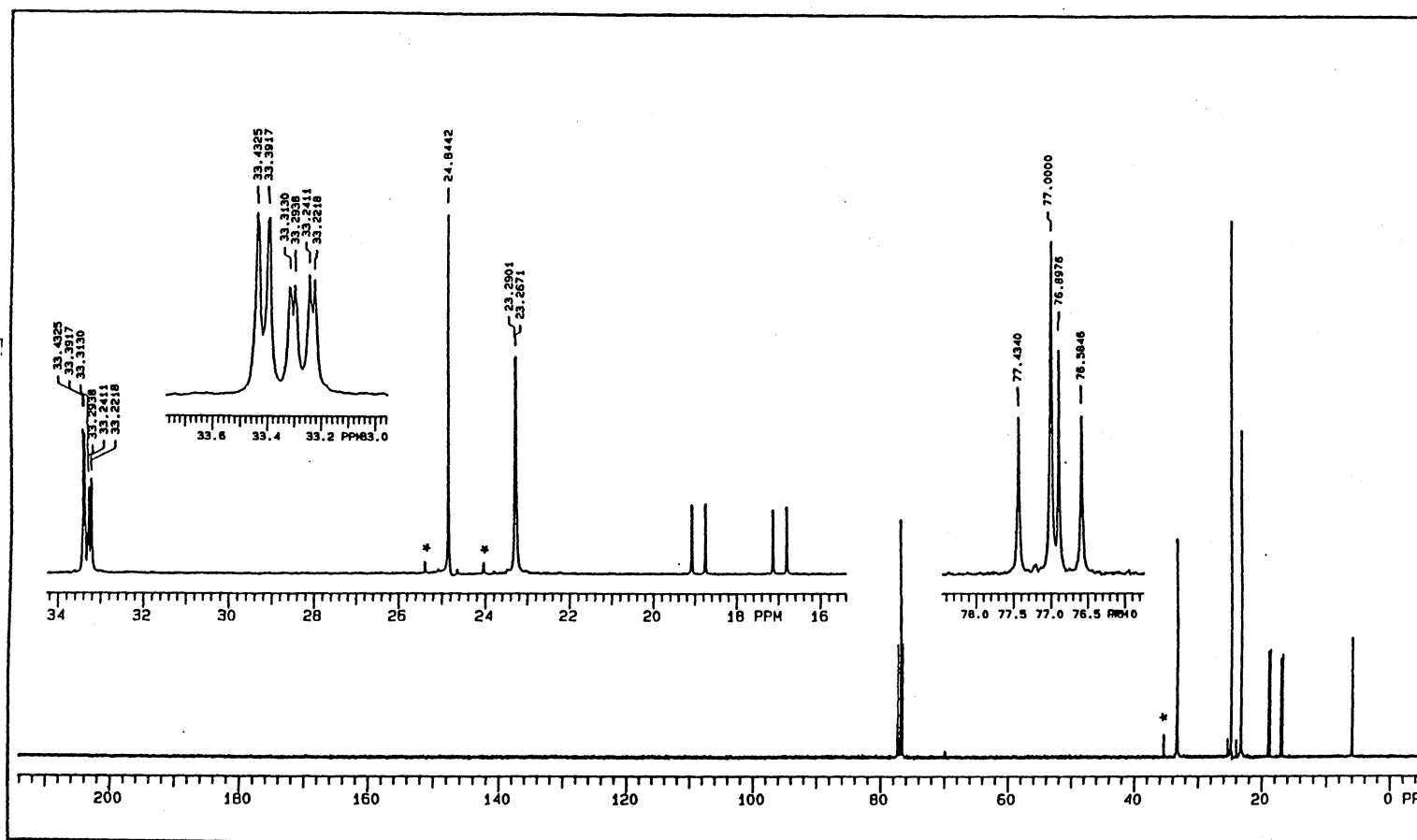
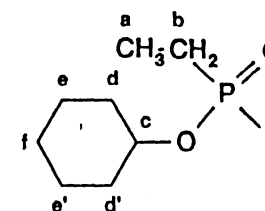


Cyclohexyl ethylphosphonofluoridate

[7284-84-6]

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

nuc.	δ [ppm]
a	6.00
b	17.94
c	76.95
d, d'	33.26, 33.41
e, e'	23.27, 23.29
f	24.84

J(a, P)	7.2 Hz
J(b, P)	146.9 Hz
J(b, F)	25.2 Hz
J(c, P)	7.5 Hz
J(d, P)	5.2 Hz
J(d', P)	3.0 Hz
J(d, F)	1.4 Hz

Res. freq. 75.429 MHz
 Solvent: CDCl_3
 Temperature: 24°C
 Concentration: approx. 100mg/ml
 Reference: CDCl_3 (77.0ppm)

Spectral width: 16502 Hz
 Data points (FID): 54080
 Data points (spec.): 32K
 Pulse width: $5.6 \mu\text{s}$ (38°)
 Number of scans: 3641

Rep.time.: 1.64 s
 Line broad.: exp., 0.5 Hz
 Resolution: 1.21 Hz (C-b)
 Instrument: Varian VXR-300
 Filename: