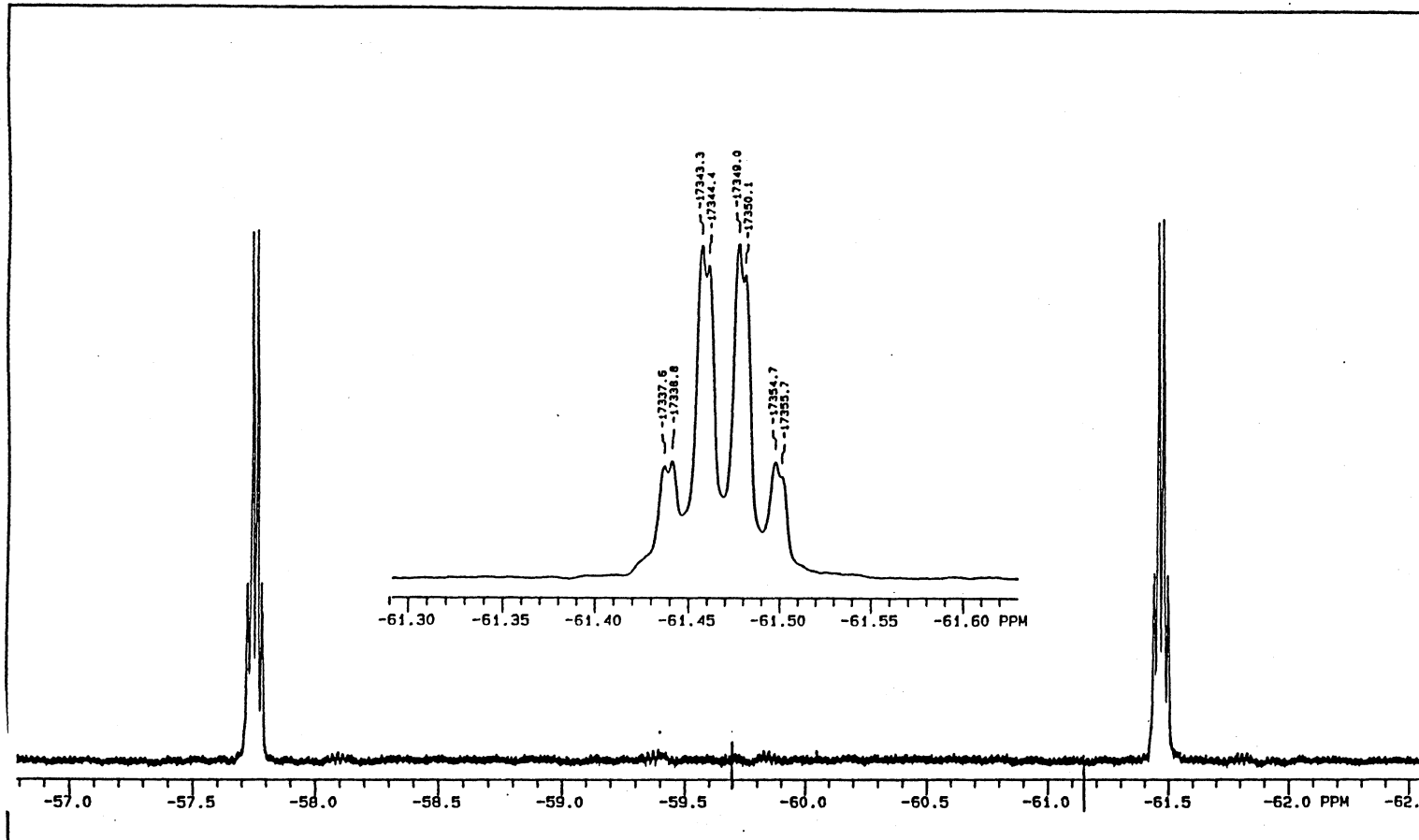
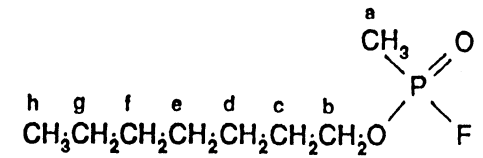


## Heptyl methylphosphonofluoridate

[       ]

 $^{19}\text{F}$ -NMRnuc.     $\delta$  [ppm]

F       -59.61

J(F,P)    1048.1 Hz

J(F,a)     5.7 Hz

J(F,b)     1.2 Hz

J(F,b')    &lt; 0.5 Hz

Res. freq.    282.203 MHz

Solvent:      $\text{CDCl}_3$ 

Temperature: 24°C

Concentration: approx. 20mg/ml

Reference:    Fluorobenzene

(-113.59ppm, external)

Spectral width:    1640 Hz

Data points (FID):    60032

Data points (spec.):    32K

Pulse width:        29  $\mu\text{s}$  (90°)

Number of scans:    49

Rep.time.:    18.30 s

Line broad.: not used

Resolution:

Instrument:    Varian VXR-300

Filename: