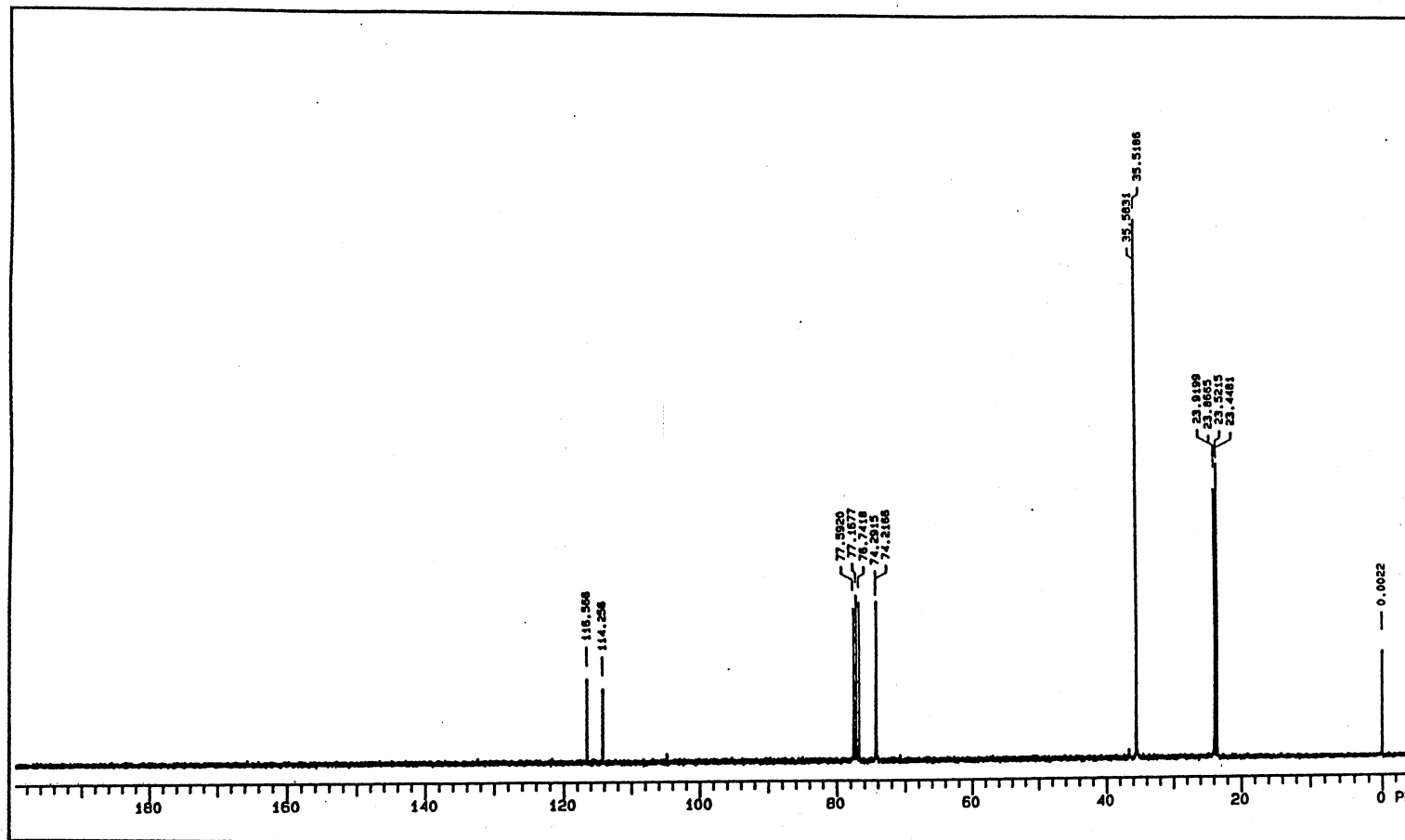
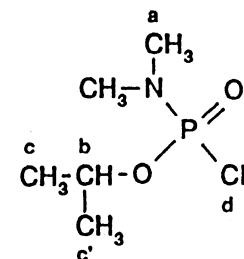


Isopropyl N,N-dimethylphosphoramidocyanidate

[63815-55-4]

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

| nuc. | δ [ppm] |
|-------|----------------|
| a | 35.55 |
| b | 74.25 |
| c, c' | 23.48, 23.89 |
| d | 115.41 |

| | |
|----------|----------|
| J(a, P) | 4.9 Hz |
| J(b, P) | 5.7 Hz |
| J(c, P) | 5.5 Hz |
| J(c', P) | 4.0 Hz |
| J(d, P) | 174.2 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 μs (38°)
 Number of scans: 1711

Rep.time.: 1.67 s
 Line broad.: exp., 0.5 Hz
 Resolution: 1.07 Hz (TMS)
 Instrument: Varian VXR-300
 Filename: