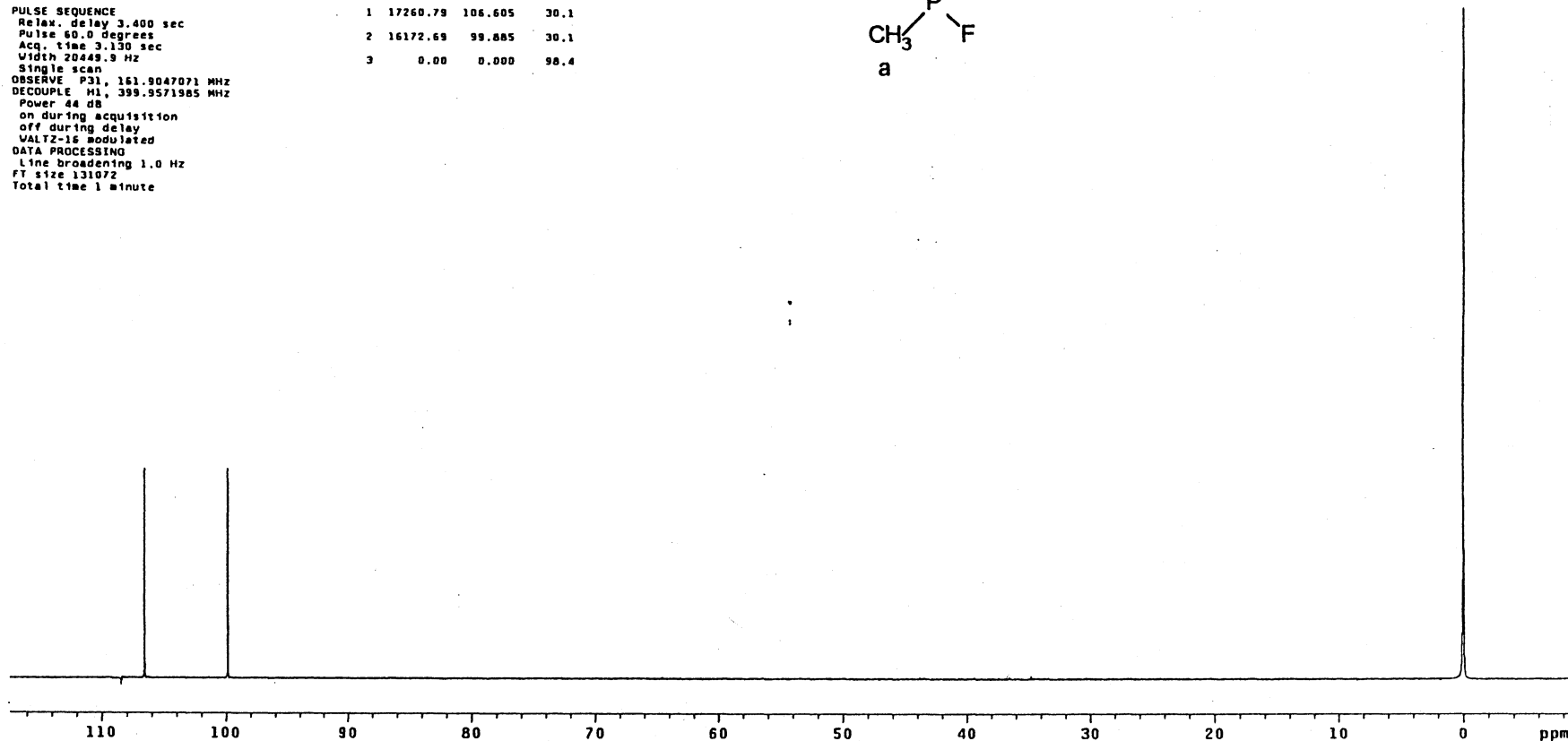
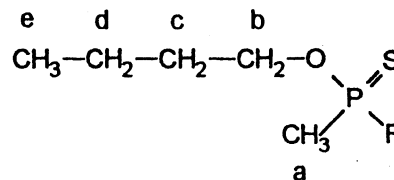


31P-NMR p1107b2(1H) + cap 85X H3PO4
n-butylmethylthiophosphonofluoridate
in ca 0.7ml CDCl3
214195126.006 jrn.342;131/200

Solvent: CDCl3
Temp: 30.0 C / 303.1 K
User: pm1
File: p1107b2
VXR-400S "pm1vkr"
PULSE SEQUENCE
Relax. delay 3.400 sec
Pulse 60.0 degrees
Acq. time 3.130 sec
Width 20449.9 Hz
Single scan
OBSERVE P31, 161.9047071 MHz
DECOUPLE H1, 399.9571985 MHz
Power 44 dB
on during acquisition
off during delay
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 131072
Total time 1 minute

SPECTRAL LINES for th=24.5

nr	Hz	ppm	intensity
1	17260.79	106.605	30.1
2	16172.69	99.885	30.1
3	0.00	0.000	98.4



n-Butyl methylthiophosphonofluoridate

CAS 4241-36-5

Nucleus : $^{31}\text{P}\{1\text{H}\}$

Frequency : 161.9 MHz

Concentration : ca. 75 mg/0.7 ml CDCl₃Reference H₃PO₄ external. Res. : 1.6 Hz (106.6 ppm)

Instrument : Varian VXR 400S

Temperature : 30 °C

Spectral width : 20449.9 Hz

Data point (FID) : 64 K

Pulse angle : 10.4 μs (60°)

Number of pulses : 1

Repetition time : 6.5 s

Line broadening : 1.0 Hz

Data points (spec) : 128 K

P: 103.2 ppm J(PF) : 1088.2 Hz