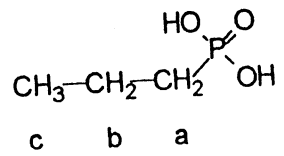
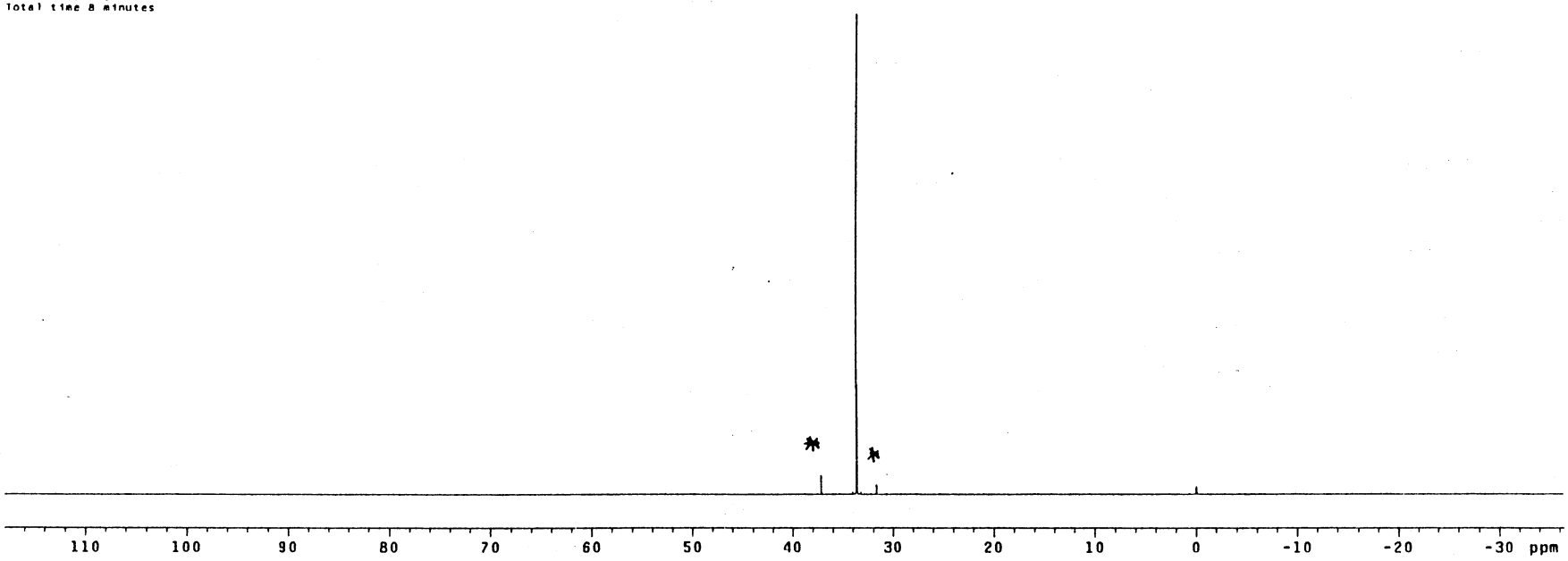
```
31P-NMR pjf07b2(1H) + cap 85% H3PO4
43.7mg n-propylfosfonaat (Aldrich)
in 0.7ml D2O + DCl
214496035 jrn.458;014/100

 Solvent: D2O
 Temp. 30.0 C / 303.1 K
User: pml
File: pjf07b2
VXR-400S  "pmlvxr"

PULSE SEQUENCE
 Relax. delay 1.000 sec
 Pulse 60.0 degrees
 Acq. time 2.560 sec
 Width 25000.0 Hz
 136 repetitions
OBSERVE  P31, 161.9024533 MHz
DECOUPLE  H1, 399.9515720 MHz
 Power 42 dB
 on during acquisition
 off during delay
 WALTZ-16 modulated
DATA PROCESSING
 Line broadening 0.1 Hz
FT size 131072
Total time 8 minutes
```

```
SPECTRAL LINES   for  th=43.4
  rfl=  5899.9   rfp=     0.0
H3PO4 external;res.33.6ppm:1.6Hz
 nr       Hz        ppm  intensity

  1   5446.71    33.641    70.9
```





n-Propylphosphonic acid
CAS 4672-38-2

Nucleus :	$^{31}P\{1H\}$
Frequency :	161.9 MHz
Concentration : 43.7 mg/0.72 ml D_2O + DCl (pH 1 à 2)	
Reference H_3PO_4 external.	Res. : 1.6 Hz (33.6 ppm)
Instrument :	Varian VXR 400S

Temperature :	30 °C
Spectral width :	25000.0 Hz
Data point (FID) :	128000
Pulse angle :	10.3 µs (60°)
Number of pulses :	136
Repetition time :	3.6 s
Line broadening :	0.1 Hz
Data points (spec) :	128 K

P: 33.6 ppm