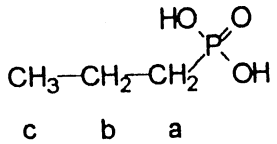
```
31P-NMR pjf07c dm-n
43.7mg n-propylfosfonaat (Aldrich)
in 0.7ml D2O + DCl
214496035 jrn.458;014/100
 Solvent: D2O
 Temp. 30.0 C / 303.1 K
User: pml
File: pjf07c
VXR-400S "pmlvxr"
PULSE SEQUENCE
 Pulse 60.0 degrees
 Acq. time 8.192 sec
 Width 1000.0 Hz
 580 repetitions
OBSERVE P31, 161.9024537 MHz
DATA PROCESSING
FT size 32768
Total time 79 minutes
```

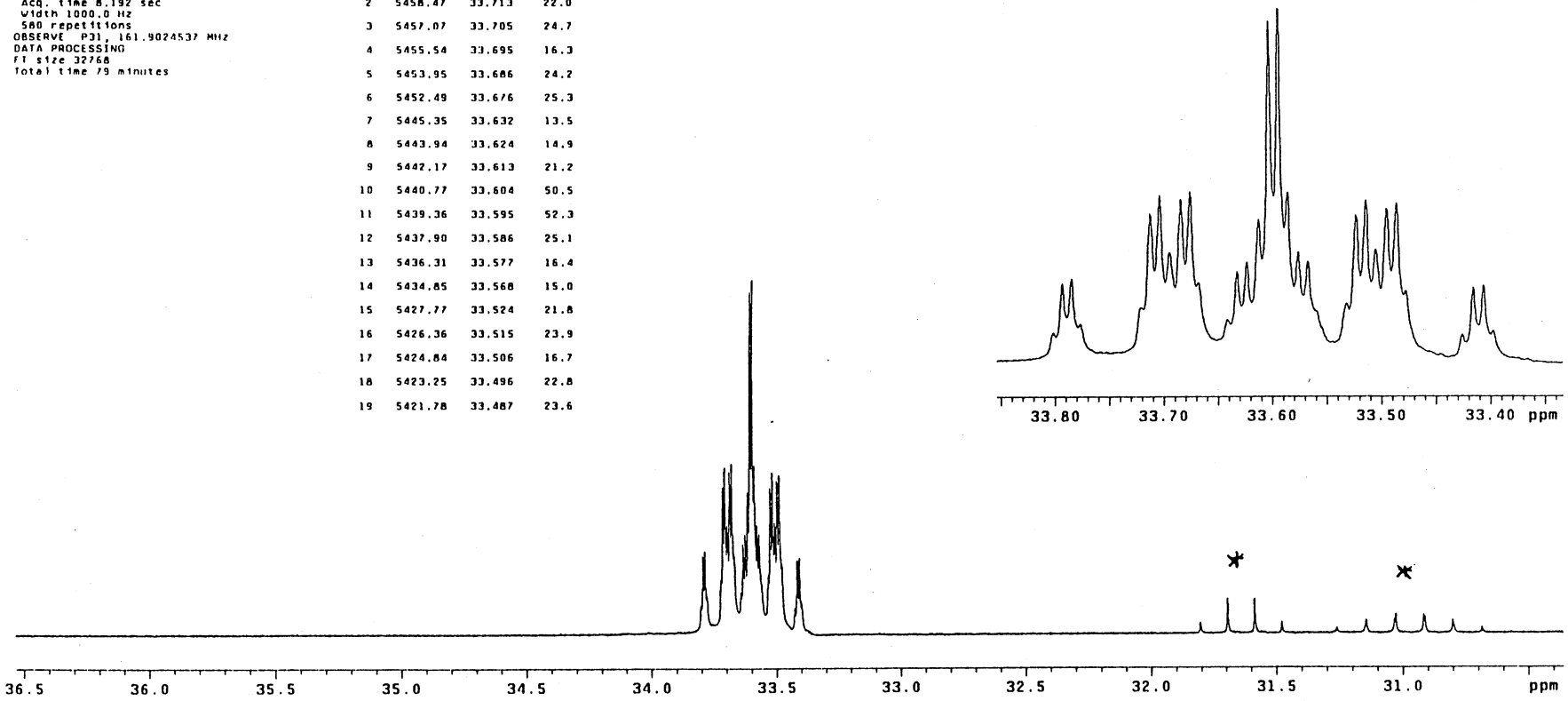
SPECTRAL LINES for th=12.0

rfl= 524.8 rfp= 5440.1

res.33.6ppm:1.0Hz

nr	Hz	ppm	intensity
1	5470.13	33.785	12.4
2	5458.47	33.713	22.0
3	5457.07	33.705	24.7
4	5455.54	33.695	16.3
5	5453.95	33.686	24.2
6	5452.49	33.676	25.3
7	5445.35	33.632	13.5
8	5443.94	33.624	14.9
9	5442.17	33.613	21.2
10	5440.77	33.604	50.5
11	5439.36	33.595	52.3
12	5437.90	33.586	25.1
13	5436.31	33.577	16.4
14	5434.85	33.568	15.0
15	5427.77	33.524	21.8
16	5426.36	33.515	23.9
17	5424.84	33.506	16.7
18	5423.25	33.496	22.8
19	5421.78	33.487	23.6





n-Propylphosphonic acid
CAS 4672-38-2
Nucleus : ^{31}P
Frequency : 161.9 MHz
Concentration : 43.7 mg/0.72 ml D_2O + DCl (pH 1 à 2)
Reference H_3PO_4 external. Res. : 1.0 Hz (33.6 ppm)
Instrument : Varian VXR 400S

Temperature : 30 °C
Spectral width : 1000.0 Hz
Data point (FID) : 16 K
Pulse angle : 5.7 µs (60°)
Number of pulses : 580
Repetition time : 8.2 s
Line broadening : not used
Data points (spec) : 32 K

P: 33.6 ppm J(aP) : 17.6 Hz
J(bP) : 13.1 Hz
J(cP) : 1.4 Hz