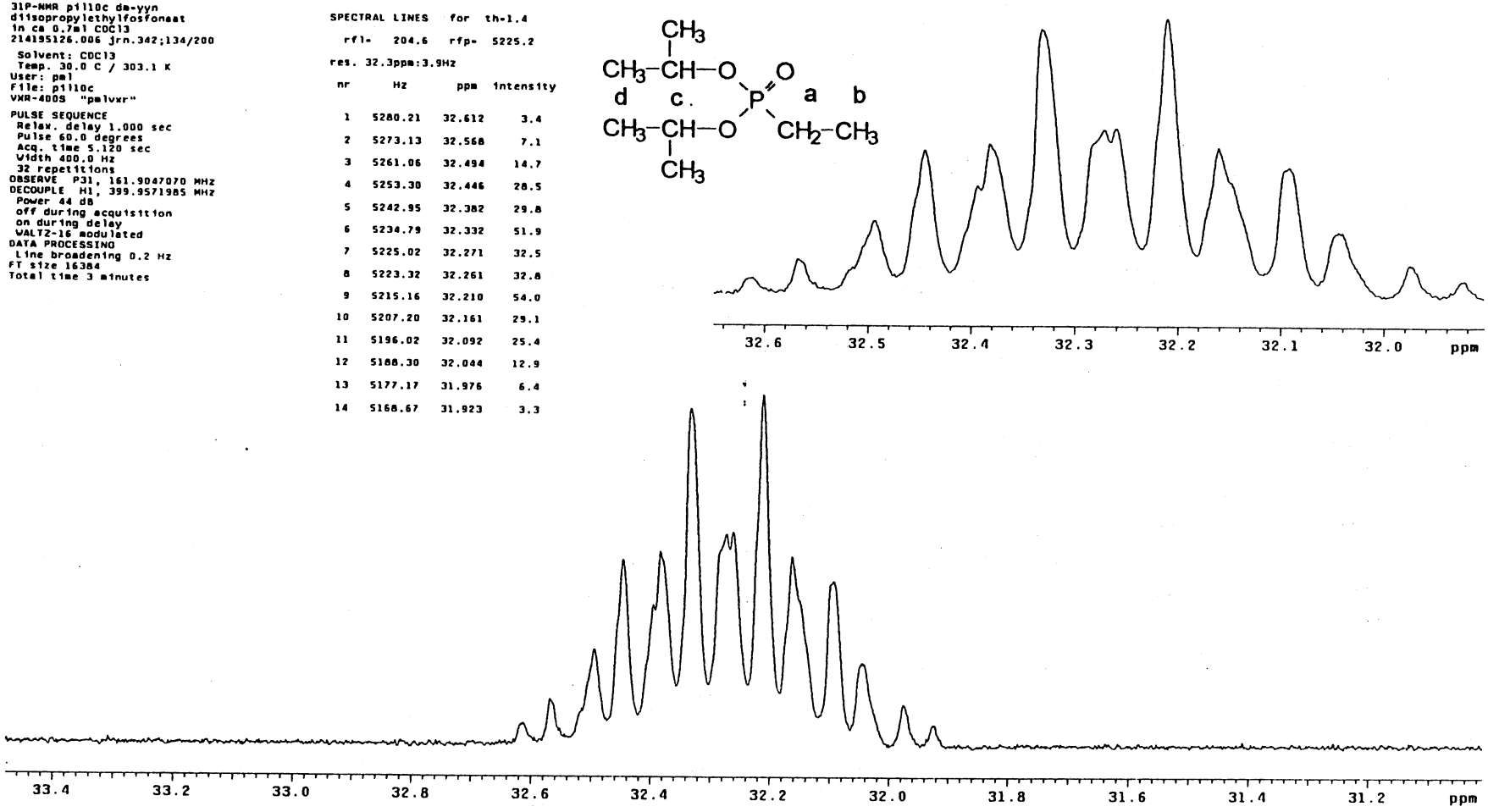
```
31P-NMR p1110c dm-yyn
diisopropylethylfosfonaat
in ca 0.7ml CDCl3
214195126.006 jrn.342;134/200
 Solvent: CDCl3
 Temp. 30.0 C / 303.1 K
User: pml
File: p1110c
VXR-400S  "pmlvxr"

PULSE SEQUENCE
 Relax. delay 1.000 sec
 Pulse 60.0 degrees
 Acq. time 5.120 sec
 Width 400.0 Hz
 32 repetitions
OBSERVE  P31, 161.9047070 MHz
DECOUPLE  H1, 399.9571985 MHz
 Power 44 dB
 off during acquisition
 on during delay
 WALTZ-16 modulated
DATA PROCESSING
 Line broadening 0.2 Hz
FT size 16384
Total time 3 minutes
```

SPECTRAL LINES for th-1.4

rfl= 204.6 rfp= 5225.2

res. 32.3ppm:3.9Hz

nr	Hz	ppm	intensity
1	5280.21	32.612	3.4
2	5273.13	32.568	7.1
3	5261.06	32.494	14.7
4	5253.30	32.446	28.5
5	5242.95	32.382	29.8
6	5234.79	32.332	51.9
7	5225.02	32.271	32.5
8	5223.32	32.261	32.8
9	5215.16	32.210	54.0
10	5207.20	32.161	29.1
11	5196.02	32.092	25.4
12	5188.30	32.044	12.9
13	5177.17	31.976	6.4
14	5168.67	31.923	3.3



Diisopropyl ethylphosphonate
CAS 1067-69-2

Nucleus :	^{31}P
Frequency :	161.9 MHz
Concentration :	ca. 41 mg/0.7 ml $CDCl_3$
Reference H_3PO_4 external.	Res. : 3.9 Hz (32.3 ppm)
Instrument :	Varian VXR 400S

Temperature :	30 °C
Spectral width :	400.0 Hz
Data point (FID) :	4 K
Pulse angle :	10.4 µs (60°)
Number of pulses :	32
Repetition time :	6.1 s
Line broadening :	0.2 Hz
Data points (spec) :	16 K

P: 32.3 ppm

OPCW Code:6-3-231B (p1/1)