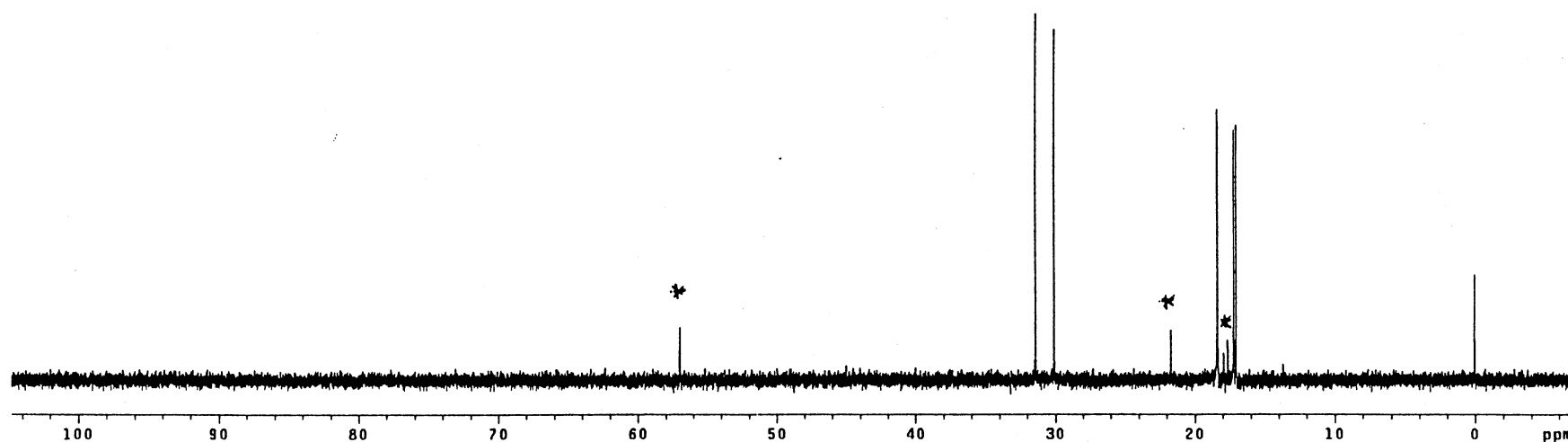
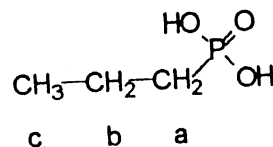


13C-NMR c:\f07b2(1H) + more DSS  
 43.7mg n-Propylphosphonate(Aldrich)  
 in ca 0.7ml D2O + DCI  
 214496035 jrn.458;014/100  
 Solvent: D2O  
 Temp. 30.0 C / 303.1 K  
 User: pm1  
 File: c:\f07b2  
 VXR-400S "palvvr"  
 PULSE SEQUENCE  
 Relax. delay 1.000 sec  
 Pulse 60.0 degrees  
 Acq. time 2.906 sec  
 Width 11277.1 Hz  
 516 repetitions  
 OBSERVE C13, 100.5671561 MHz  
 DECOUPLE H1, 399.9515670 MHz  
 Power 42 dB  
 continuously on  
 WALTZ-16 modulated  
 DATA PROCESSING  
 Line broadening 0.2 Hz  
 FT size 131072  
 Total time 33 minutes

SPECTRAL LINES for th-11.2			
rfl-	735.3	rfp-	0.0
DSS=0.00ppm			
nr	Hz	ppm	intensity
1	3158.49	31.405	53.6
2	3025.46	30.063	51.3
3	1850.01	18.395	39.6
4	1844.85	18.344	37.6
5	1729.90	17.201	36.5
6	1713.04	17.033	37.2
7	0.00	0.000	15.2



n-Propylphosphonic acid

CAS 4672-38-2

Nucleus :

<sup>13</sup>C{1H}

Frequency :

100.6 MHz

Concentration 43.7 mg/0.72 ml D<sub>2</sub>O + DCI (pH 1 à 2)

Reference DSS internal. Resolution. : 0.9 Hz (DSS)

Instrument :

Varian VXR 400S

Temperature : 30 °C

Spectral width : 11277.1 Hz

Data point (FID) : 64 K

Pulse angle : 13.2 (60°)

Number of pulses : 516

Repetition time : 3.9 s

Line broadening : 0.2 Hz

Data points (spec) : 128 K

a: 30.7 ppm J(aP) : 133.0 Hz

b: 18.4 ppm J(bP) : 5.0 Hz

c: 17.1 ppm J(cP) : 16.9 Hz