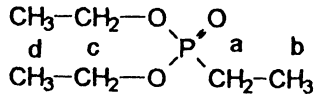
```
13C-NMR c1120b2(1H) + TMS
ca 158mg diethyl ethylphosphonate
in ca 0.7ml CDCl3
214195126.006 jrn.342;144/200
 Solvent: CDCl3
 Temp. 30.0 C / 303.1 K
User: pml
File: c1120b2
VXR-400S  "pmlvxr"
PULSE SEQUENCE
 Relax. delay 0.400 sec
 Pulse 90.0 degrees
 Acq. time 1.937 sec
 Width 8458.4 Hz
 288 repetitions
OBSERVE  C13, 100.5687852 MHz
DECOUPLE  H1, 399.9571862 MHz
 Power 44 dB
 continuously on
 WALTZ-16 modulated
DATA PROCESSING
 Line broadening 0.1 Hz
FT size 131072
Total time 11 minutes
```

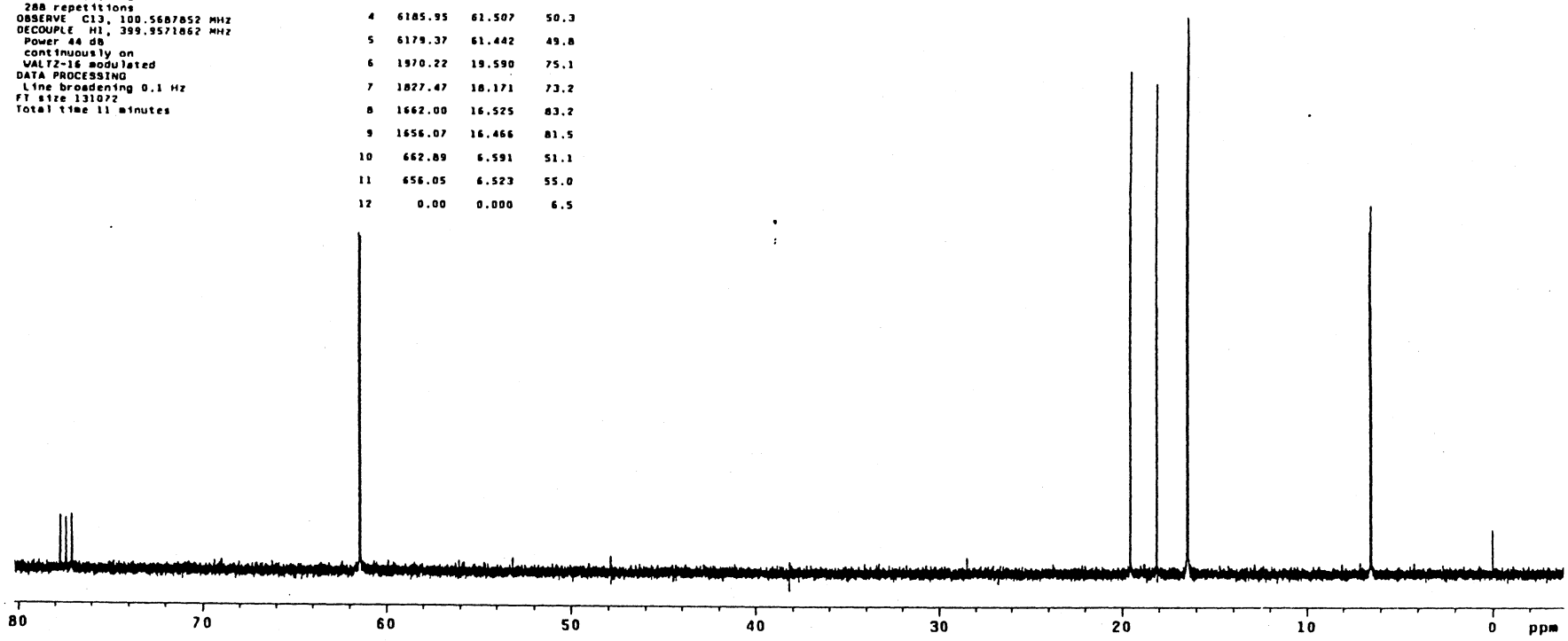
SPECTRAL LINES for th-6.2

rfl- 387.8 rfp- 0.0

TMS internal

nr	Hz	ppm	intensity
1	7817.63	77.731	7.9
2	7785.49	77.412	7.5
3	7753.35	77.092	8.0
4	6185.95	61.507	50.3
5	6179.37	61.442	49.8
6	1970.22	19.590	75.1
7	1827.47	18.171	73.2
8	1662.00	16.525	83.2
9	1656.07	16.466	81.5
10	662.89	6.591	51.1
11	656.05	6.523	55.0
12	0.00	0.000	6.5





Diethyl ethylphosphonate
CAS 78-38-6

Nucleus :	$^{13}C\{^{1}H\}$
Frequency :	100.6 MHz
Concentration :	ca. 158 mg/0.7 ml $CDCl_3$
Reference TMS internal. Resolution. :	0.7 Hz (TMS)
Instrument :	Varian VXR 400S

Temperature :	30 °C
Spectral width :	8458.4 Hz
Data point (FID) :	64 K
Pulse angle :	19.5 µs (90°)
Number of pulses :	288
Repetition time :	2.3 s
Line broadening :	0.1 Hz
Data points (spec) :	128 K

a:	18.9 ppm	J(aP) : 143.0 Hz
b:	6.6 ppm	J(bP) : 6.7 Hz
c:	61.5 ppm	J(cP) : 6.6 Hz
d:	16.4 ppm	J(dP) : 6.0 Hz

OPCW Code:6-3-227 (p1/1)