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13C-NMR cjb09b2(1H) + TMS
23.7mg 9604GM2 in ca 0.7ml CDCl3
214496036 jrn.342;179/200
OBSERVE C13
 FREQUENCY 100.574 MHz
 SPECTRAL WIDTH 10570.8 Hz
 ACQUISITION TIME 3.100 sec
 RELAXATION DELAY 0.000 sec
 PULSE WIDTH 10.5 usec
 TEMPERATURE 30.0 deg. C.
 NO. REPETITIONS 1620
DECOUPLE H1
 HIGH POWER 44
 DECOUPLER CONTINUOUSLY ON
 WALTZ16 MODULATED
DOUBLE PRECISION ACQUISITION
DATA PROCESSING
 LINE BROADENING 0.1 Hz
 FT SIZE 131072
TOTAL ACQUISITION TIME 83 minutes
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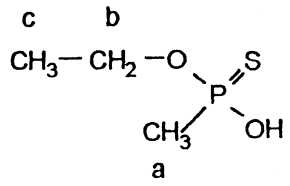
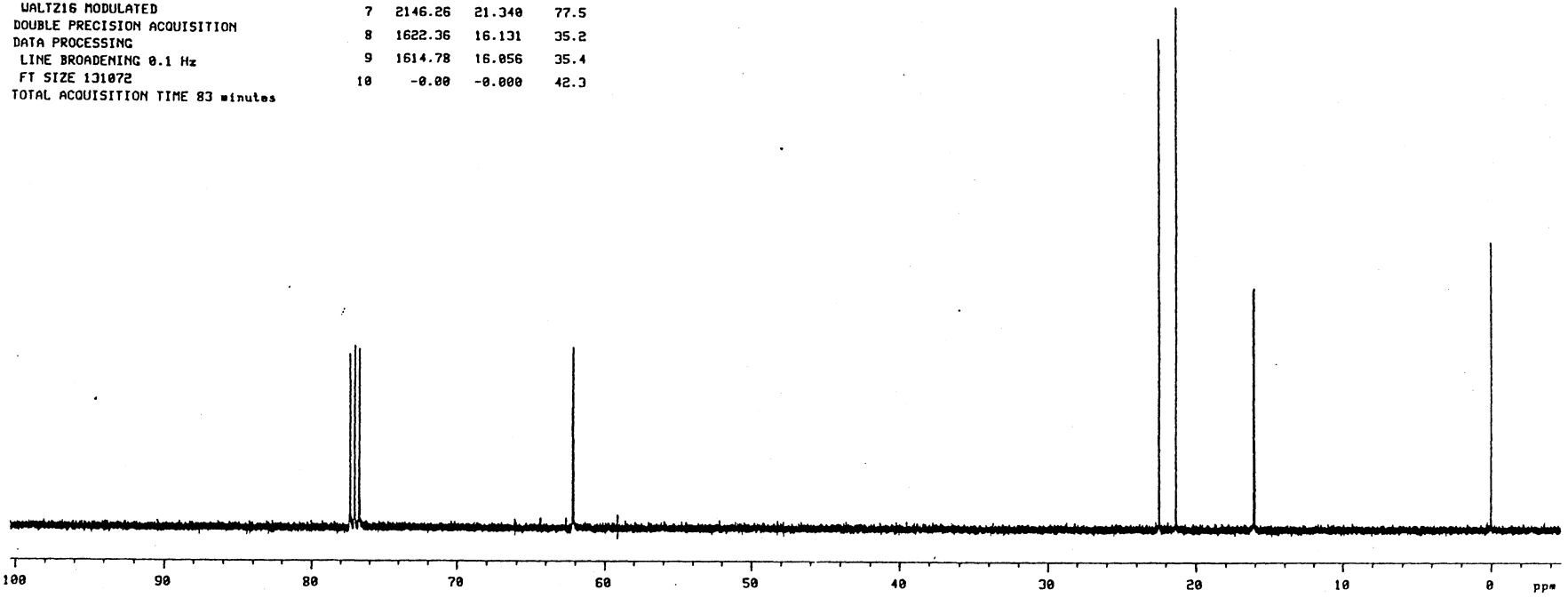
SPECTRAL LINES for th=20.0

rfl= 476.6 rfp= 0.0

TMS=0.00ppm dres:0.7Hz

nr	Hz	ppm	intensity
1	7781.78	77.374	25.2
2	7749.84	77.056	26.4
3	7717.90	76.739	26.0
4	6254.75	62.191	25.7
5	6247.97	62.123	26.2
6	2268.63	22.477	72.7
7	2146.26	21.340	77.5
8	1622.36	16.131	35.2
9	1614.78	16.056	35.4
10	-0.00	-0.000	42.3





O-ethyl methylphosphonothioate
CAS 18005-40-8

Nucleus :	$^{13}C\{1H\}$
Frequency :	100.6 MHz
Concentration :	ca. 24 mg/0.7 ml $CDCl_3$
Reference TMS internal. Resolution. :	0.7 Hz (TMS)
Instrument :	Varian VXR 400S

Temperature :	30 °C
Spectral width :	10570.8 Hz
Data point (FID) :	64 K
Pulse angle :	10.5 µs (60°)
Number of pulses :	1620
Repetition time :	3.1 s
Line broadening :	0.1 Hz
Data points (spec) :	128 K

a:	21.9 ppm	J(aP) : 114.3 Hz
b:	62.2 ppm	J(bP) : 6.8 Hz
c:	16.1 ppm	J(cP) : 7.6 Hz