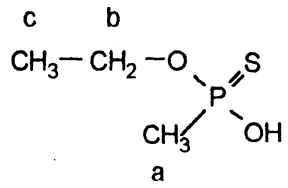
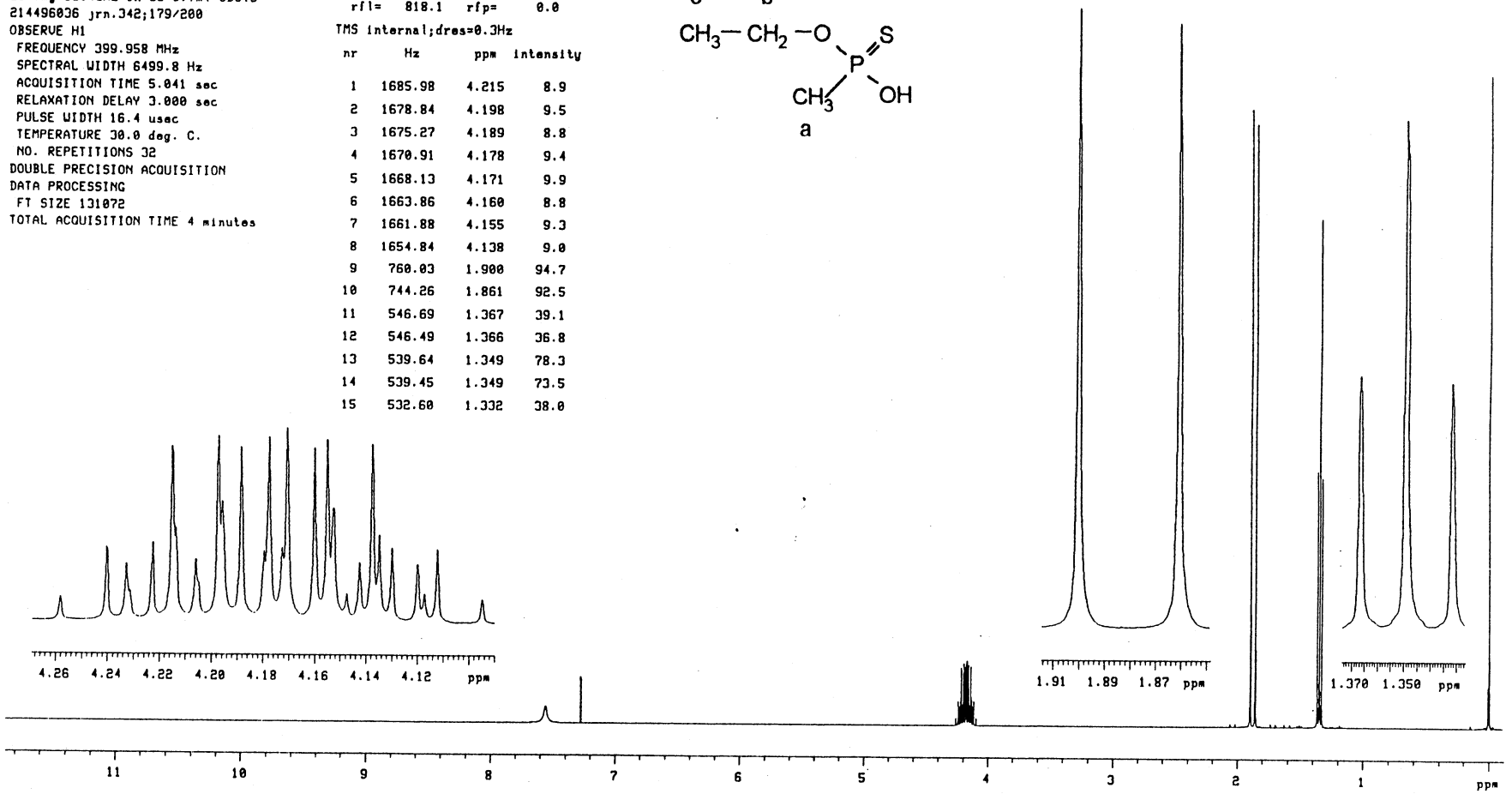
```
1H-NMR hjb09a + TMS
23.7mg 9604GM2 in ca 0.7ml CDCl3
214496036 jrn.342;179/200
OBSERVE H1
 FREQUENCY 399.958 MHz
 SPECTRAL WIDTH 6499.8 Hz
 ACQUISITION TIME 5.041 sec
 RELAXATION DELAY 3.000 sec
 PULSE WIDTH 16.4 usec
 TEMPERATURE 30.0 deg. C.
 NO. REPETITIONS 32
DOUBLE PRECISION ACQUISITION
DATA PROCESSING
 FT SIZE 131072
TOTAL ACQUISITION TIME 4 minutes
```

SPECTRAL LINES for th=7.6
rfl= 818.1 rfp= 0.0
TMS internal;dres=0.3Hz

nr	Hz	ppm	intensity
1	1685.98	4.215	8.9
2	1678.84	4.198	9.5
3	1675.27	4.189	8.8
4	1670.91	4.178	9.4
5	1668.13	4.171	9.9
6	1663.86	4.160	8.8
7	1661.88	4.155	9.3
8	1654.84	4.138	9.0
9	760.03	1.900	94.7
10	744.26	1.861	92.5
11	546.69	1.367	39.1
12	546.49	1.366	36.8
13	539.64	1.349	78.3
14	539.45	1.349	73.5
15	532.60	1.332	38.0





O-ethyl methylphosphonothioate
CAS 18005-40-8

Nucleus :	^1H
Frequency :	400.0 MHz
Concentration :	ca. 24 mg/0.7 ml $CDCl_3$
Reference TMS internal. Resolution :	0.3 Hz (TMS)
Instrument :	Varian VXR 400S

Temperature :	30 °C
Spectral width :	6499.8 Hz
Data point (FID) :	64 K
Pulse angle :	16.4 µs (60°)
Number of pulses :	32
Repetition time :	8.0 s
Line broadening :	not used
Data points (spec) :	128 K

a:	1.88 ppm	J(bc) :	6.7 Hz	J(aP) :	15.8 Hz
b:	4.15 ppm	J(bb'):	10.1 Hz	J(bP) :	9.0 Hz
b':	4.20 ppm			J(b'P) :	10.7 Hz
c:	1.35 ppm				
OH:	7.58 ppm				

OPCW Code:6-3-245 (p1/1)