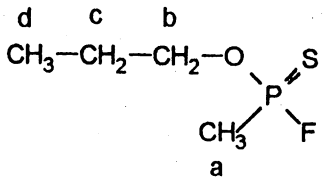
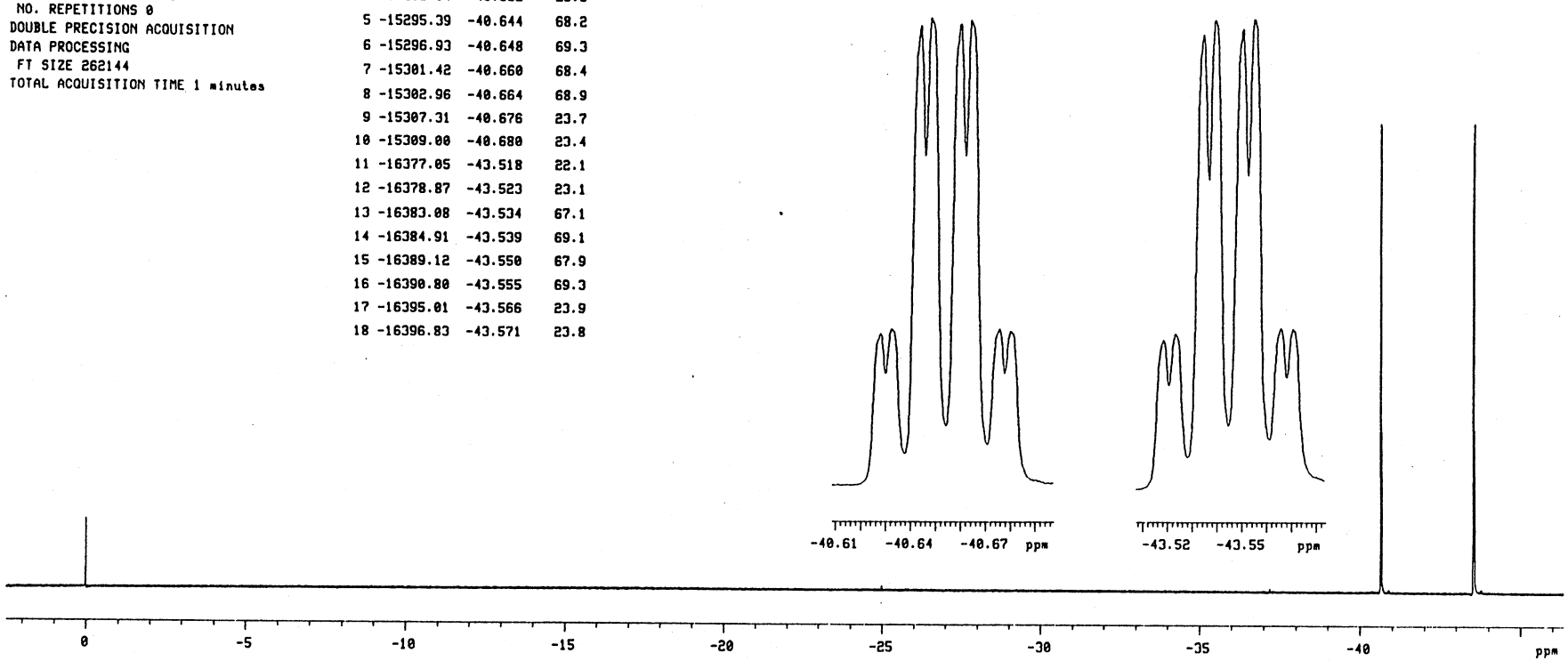
```
19F-NMR f1123a3 + CFCl3
ca 154mg n-propyl methylthiophos-
phonofluoridate in ca 0.7ml CDCl3
214195126.006 jrn.342;147/200
OBSERVE F19
 FREQUENCY 376.326 MHz
 SPECTRAL WIDTH 18390.8 Hz
 ACQUISITION TIME 3.480 sec
 RELAXATION DELAY 7.400 sec
 PULSE WIDTH 22.7 usec
 TEMPERATURE 30.0 deg. C.
 NO. REPETITIONS 0
DOUBLE PRECISION ACQUISITION
DATA PROCESSING
 FT SIZE 262144
TOTAL ACQUISITION TIME 1 minutes
```

SPECTRAL LINES for th=3.4
rfl= 17446.4 rfp= 0.0
CFCl3 internal

nr	Hz	ppm	intensity
1	2.24	0.006	10.1
2	0.00	0.000	9.2
3	-15289.35	-40.628	23.0
4	-15291.04	-40.632	23.6
5	-15295.39	-40.644	68.2
6	-15296.93	-40.648	69.3
7	-15301.42	-40.660	68.4
8	-15302.96	-40.664	68.9
9	-15307.31	-40.676	23.7
10	-15309.00	-40.680	23.4
11	-16377.05	-43.518	22.1
12	-16378.87	-43.523	23.1
13	-16383.08	-43.534	67.1
14	-16384.91	-43.539	69.1
15	-16389.12	-43.550	67.9
16	-16390.80	-43.555	69.3
17	-16395.01	-43.566	23.9
18	-16396.83	-43.571	23.8





n-Propyl methylthiophosphonofluoridate
CAS 4241-38-7

Nucleus :	^{19}F
Frequency :	376.3 MHz
Concentration :	ca. 154 mg/0.7 ml $CDCl_3$
Reference $CFCl_3$ internal. Resolution :	0.7 Hz ($CFCl_3$)
Instrument :	Varian VXR 400S

Temperature :	30 °C
Spectral width :	18390.8 Hz
Data point (FID) :	128 K
Pulse angle :	22.7 µs (60°)
Number of pulses :	32
Repetition time :	10.9 s
Line broadening :	not used
Data points (spec) :	256 K

F: -42.1 ppm J(PF) : 1087.8 Hz J(aF): 6.0 Hz
J(b'F): ca 2.0 Hz

OPCW Code:6-3-253 (p1/1)