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1H-NMR hi120a
ca 158mg diethyl ethylphosphonate
in ca 0.7ml CDCl3
214195126.006 jrn.342;144/200
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 262144
TOTAL ACQUISITION TIME 4 minutes
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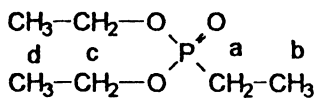
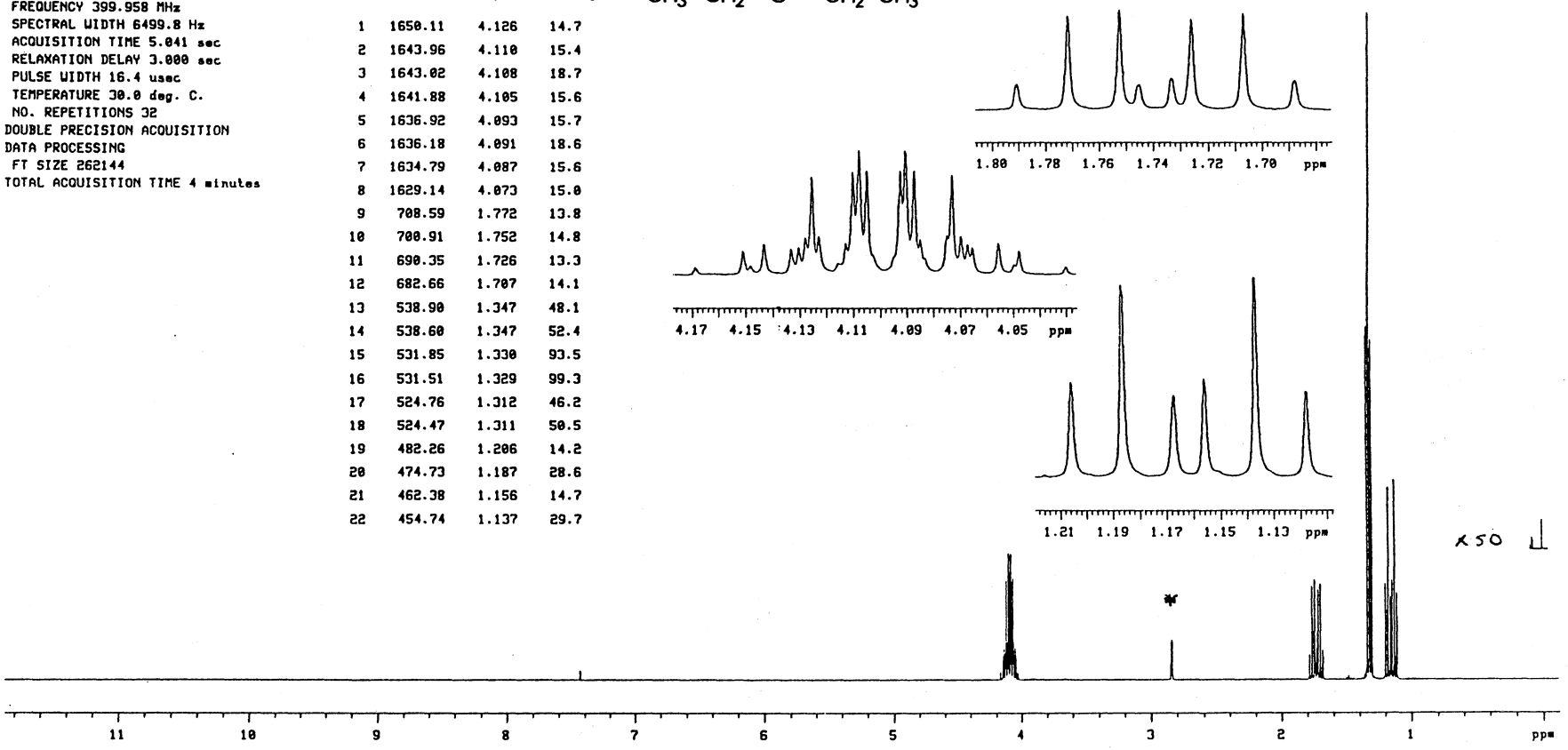
SPECTRAL LINES for th=13.2
rfl= 752.9 rfp= 0.0
TMS internal

nr	Hz	ppm	intensity
1	1650.11	4.126	14.7
2	1643.96	4.110	15.4
3	1643.02	4.108	18.7
4	1641.88	4.105	15.6
5	1636.92	4.093	15.7
6	1636.18	4.091	18.6
7	1634.79	4.087	15.6
8	1629.14	4.073	15.0
9	708.59	1.772	13.8
10	700.91	1.752	14.8
11	690.35	1.726	13.3
12	682.66	1.707	14.1
13	538.90	1.347	48.1
14	538.60	1.347	52.4
15	531.85	1.330	93.5
16	531.51	1.329	99.3
17	524.76	1.312	46.2
18	524.47	1.311	50.5
19	482.26	1.206	14.2
20	474.73	1.187	28.6
21	462.38	1.156	14.7
22	454.74	1.137	29.7





Diethyl ethylphosphonate
CAS 78-38-6
Nucleus : ^{1}H
Frequency : 400.0 MHz
Concentration : ca. 158 mg/0.7 ml $CDCl_3$
Reference TMS internal. Resolution : 0.4 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) : 256 K

a: 1.74 ppm
b: 1.16 ppm
c: 4.10 ppm
d: 1.33 ppm

J(ab) : 7.7 Hz
J(cd): 7.1 Hz

J(aP) : 18.2 Hz
J(bP) : 20.0 Hz
J(cP) : ca 8 Hz

OPCW Code:6-3-226 (p1/1)