^{1}H NMR and ^{13}C NMR spectral data with peak Assignments

3-hydroxy-3-methylbutyronitrile: These NMR spectra compared favorably with that reported in *J. Org. Chem.* **1996**, *62*, 4087.

3-ethyl-3-hydroxypentanenitrile: These spectra compared favorably with that reported in *J. Org. Chem.* **1968**, *33*, 3402.

3-hydroxy-3-methylpentanenitrile: The boiling point compared favorably to that reported in *Bull. Chim. Belg.* **1932**, *41*, 251. The ^{1}H and ^{13}C NMR spectra do not appear to have been reported. ^{1}H NMR ($CDCl_3$): δ 0.97 (t, 3H), 1.35 (s, 3H), 1.66 (m, 2H), 2.18 (bs, 1H), 2.51 (d, 2H). ^{13}C NMR ($CDCl_3$): δ 8.1 (CH_3CH_2), 26.1 ($CH_3C(OH)$), 30.8 (CH_2CN), 34.2 (CH_2CH_3), 71.3 (COH), 117.8 (CN).

3-phenyl-3-hydroxyproprionitrile: ^{1}H NMR compared favorably to that reported in *Synth. Comm.* **1994**, *24*, 1433. ^{13}C NMR compared favorably to that reported in *Tetrahedron* **1994**, *35*, 3447.

3-(4-chlorophenyl)-3-hydroxypropionitrile: ^{1}H NMR compared favorably with that reported in *J. Org. Chem.* **1991**, *56*, 1381.

3-hydroxy-4-methylhexananenitrile: These NMR spectra compared favorably with that reported in *J. Org. Chem.* **1995**, *60*, 5973.

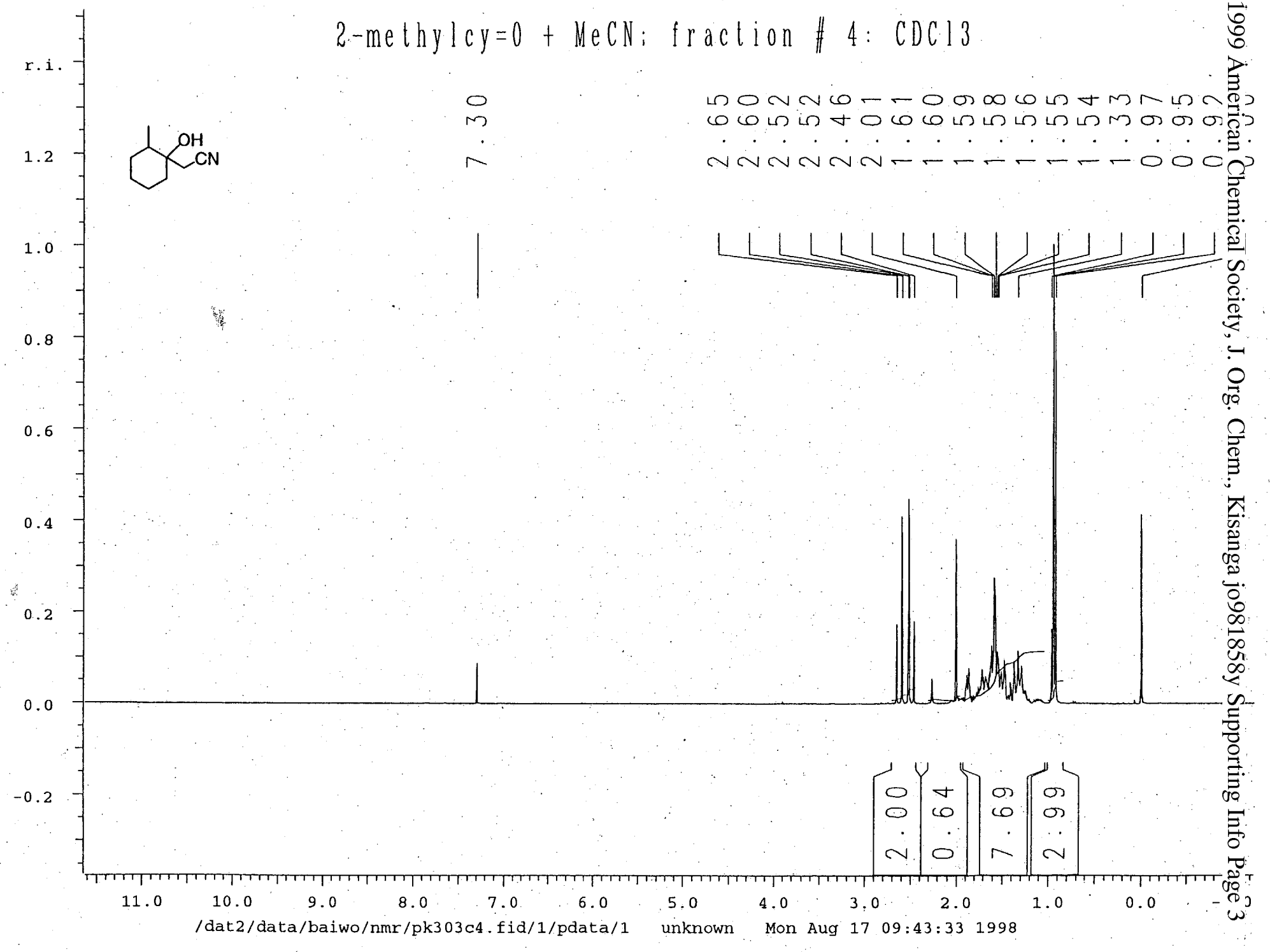
3-cyclohexyl-3-hydroxypropionitrile: ^{1}H NMR compared favorably to that reported in *J. Chem. Soc. Perkins Trans 1.* **1991**, 1931.

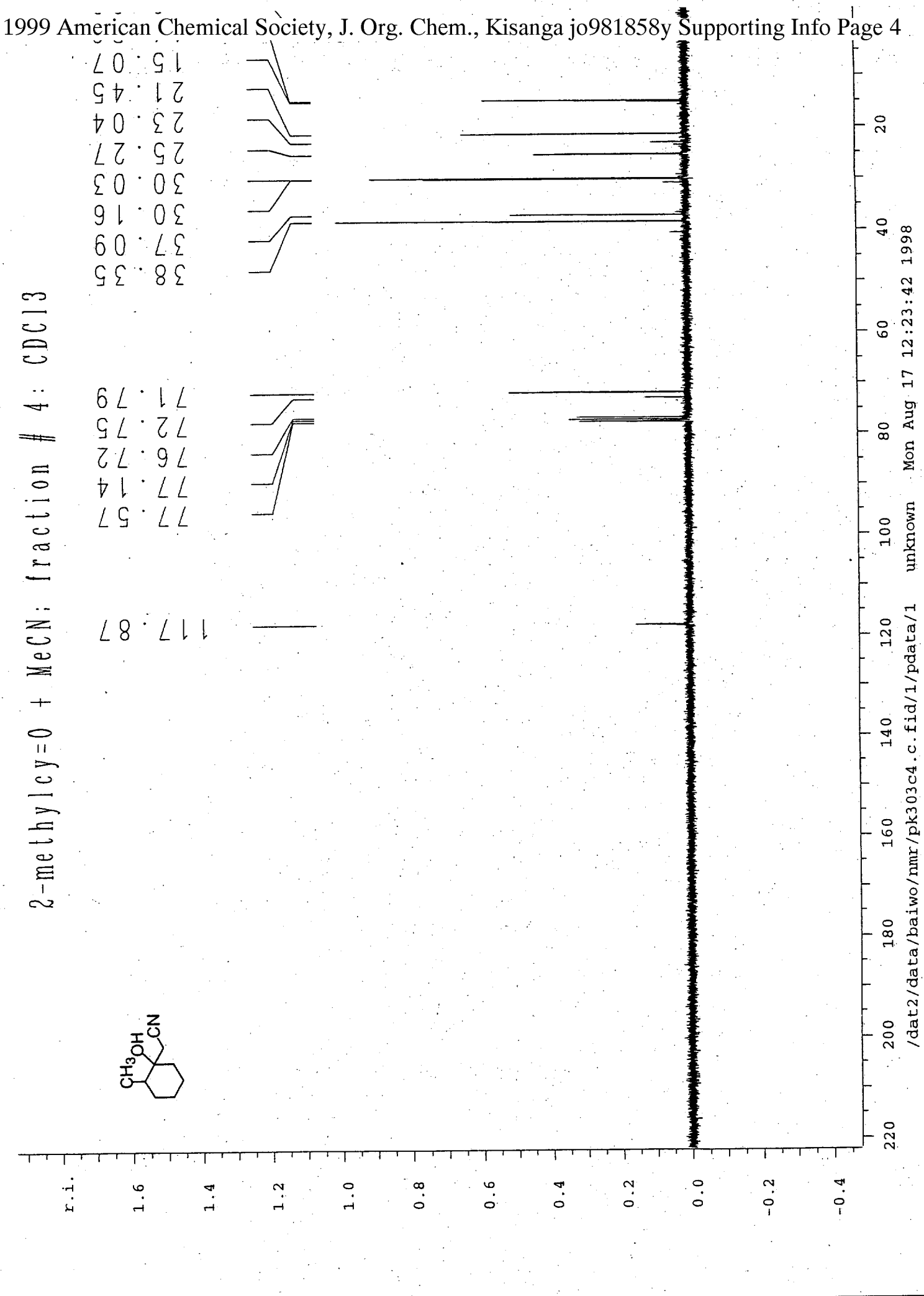
3-(4-methoxyphenyl)-3-hydroxyproprionitrile: ^{1}H NMR compared favorably with that reported in *Bull. Chem. Soc. Japan* **1994**, *67*, 1126.

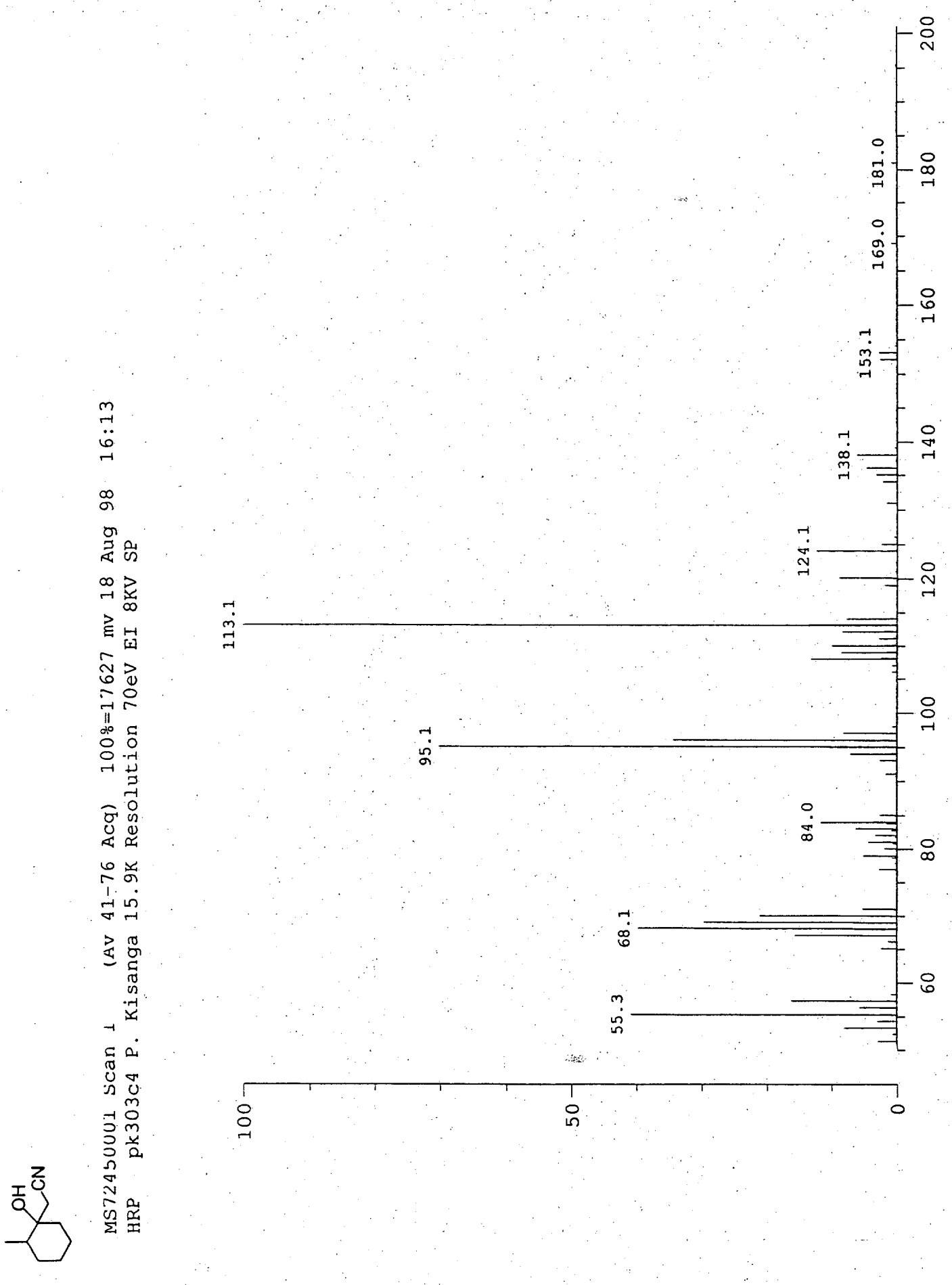
3-hydroxy-4,4-dimethylpentanenitrile: These NMR spectra compared favorably with that reported in *J. Org. Chem.* **1995**, *60*, 5973.

3-(2,5-dimethoxyphenyl)-3-hydroxypropionitrile: ^{1}H NMR compared favorably with that reported in *J. Org. Chem.* **1995**, *60*, 2261.

2,3-diphenyl-3-hydroxyproprionitrile: These NMR spectra compared favorably with that reported in *J. Org. Chem.* **1995**, *60*, 2261.







Mass	Int%	Dev ppm	12 C	1 H	13 13c	14 N	16 O
153.11551	2.78	0.97	9	15	0	1	1
152.10811	2.59	3.77	9	14	0	1	1
138.09325	6.10	9.88	8	12	0	1	1
136.11354	4.67	6.70	9	14	0	1	0
135.10547	3.20	4.96	9	13	0	1	0
134.09729	2.21	2.36	9	12	0	1	0
125.08238	2.38	No matches found					
124.07621	12.36	-0.22	7	10	0	1	1
120.08133	8.88	0.02	8	10	0	1	0
114.10040	7.87	3.58	6	13	1	0	1
113.18467	3.29	No matches found					
113.17806	13.43	No matches found					
113.17127	4.64	No matches found					
113.16002	2.68	No matches found					
113.15853	17.97	No matches found					
113.09720	100.00	4.94	7	13	0	0	1
112.16670	2.06	No matches found					
112.08929	8.45	4.21	7	12	0	0	1
111.06822	2.84	-1.75	6	9	0	1	1
110.06131	10.09	6.55	6	8	0	1	1
109.08959	8.57	4.06	7	11	0	1	0
108.16710	2.50	No matches found					
108.08213	13.27	7.41	7	10	0	1	0
97.06612	3.60	8.01	6	9	0	0	1
97.05254	8.23	-2.28	5	7	0	1	1
96.09028	6.31	8.80	6	11	1	0	0
96.04560	34.40	6.86	5	6	0	1	1
96.02857	6.59	No matches found					
95.08724	70.09	No matches found					
95.08474	19.59	No matches found					
95.07307	5.77	-4.52	6	9	0	1	0
95.06831	10.49	-7.54	5	8	1	1	0
95.06322	3.43	No matches found					
94.07829	5.05	0.43	7	10	0	0	0
94.06926	3.31	No matches found					
94.06530	7.20	-3.95	6	8	0	1	0
93.07131	2.63	9.46	7	9	0	0	0
85.10335	2.61	No matches found					
84.05950	3.65	No matches found					
84.04706	11.75	No matches found					
83.05178	3.53	No matches found					
83.03924	6.41	No matches found					
82.06784	3.32	No matches found					
81.07314	2.30	No matches found					
81.06035	4.44	No matches found					
79.05754	5.20	No matches found					
77.04197	2.80	No matches found					
71.08581	3.69	-3.67	5	11	0	0	0
71.05064	5.28	No matches found					
70.07871	21.15	6.50	5	10	0	0	0
70.07362	2.67	-2.31	4	9	1	0	0
70.04245	11.70	8.35	4	6	0	0	1
70.03660	2.44	No matches found					
70.03069	2.37	No matches found					
69.07445	2.65	No matches found					
69.07014	22.26	-4.15	5	9	0	0	0
69.05922	5.05	No matches found