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APPENDIX

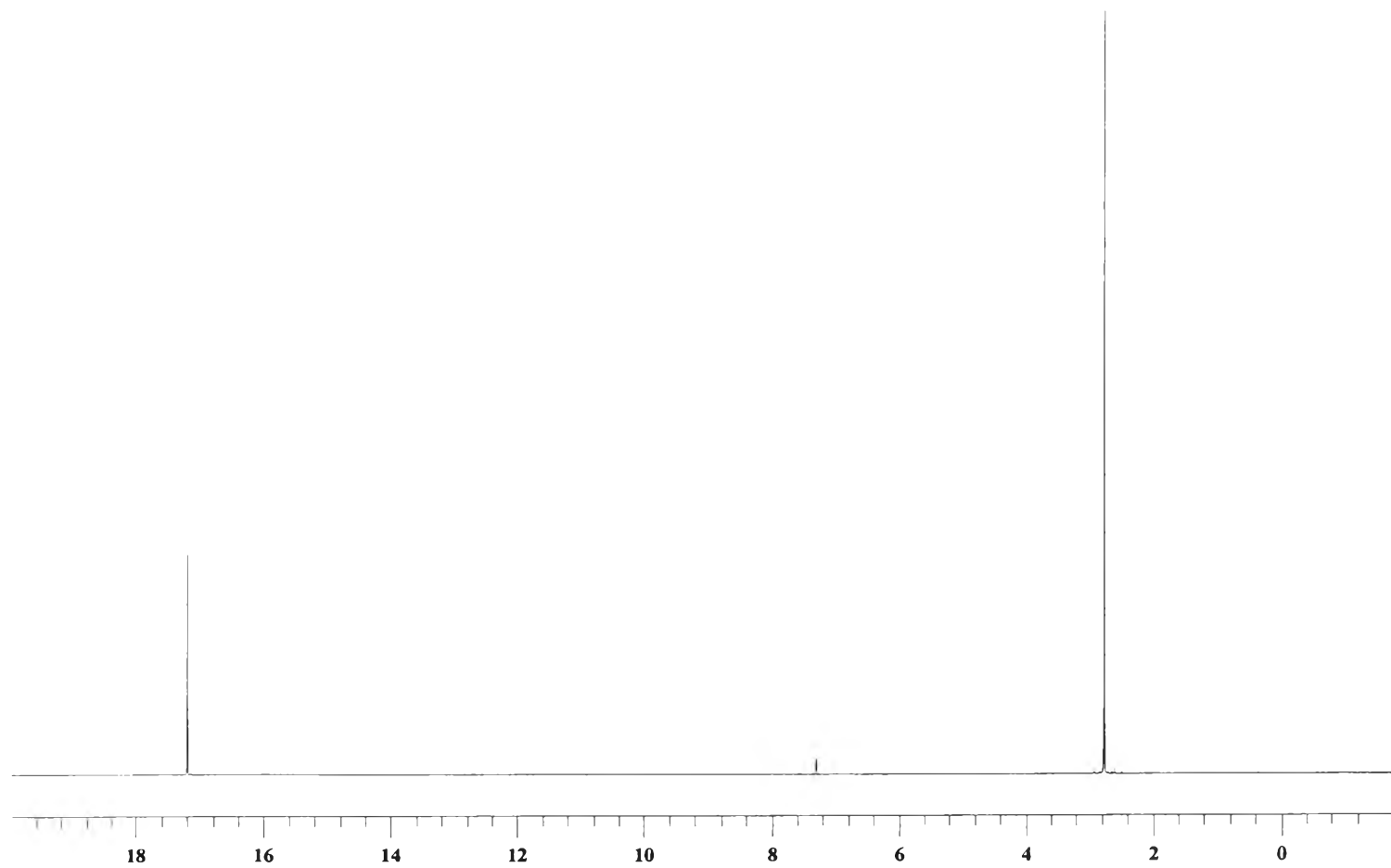


Figure A.1 $^1\text{H-NMR}$ (CDCl_3) Spectrum of 1,3,5-triacetyl-2,4,6-trihydroxybenzene **60**

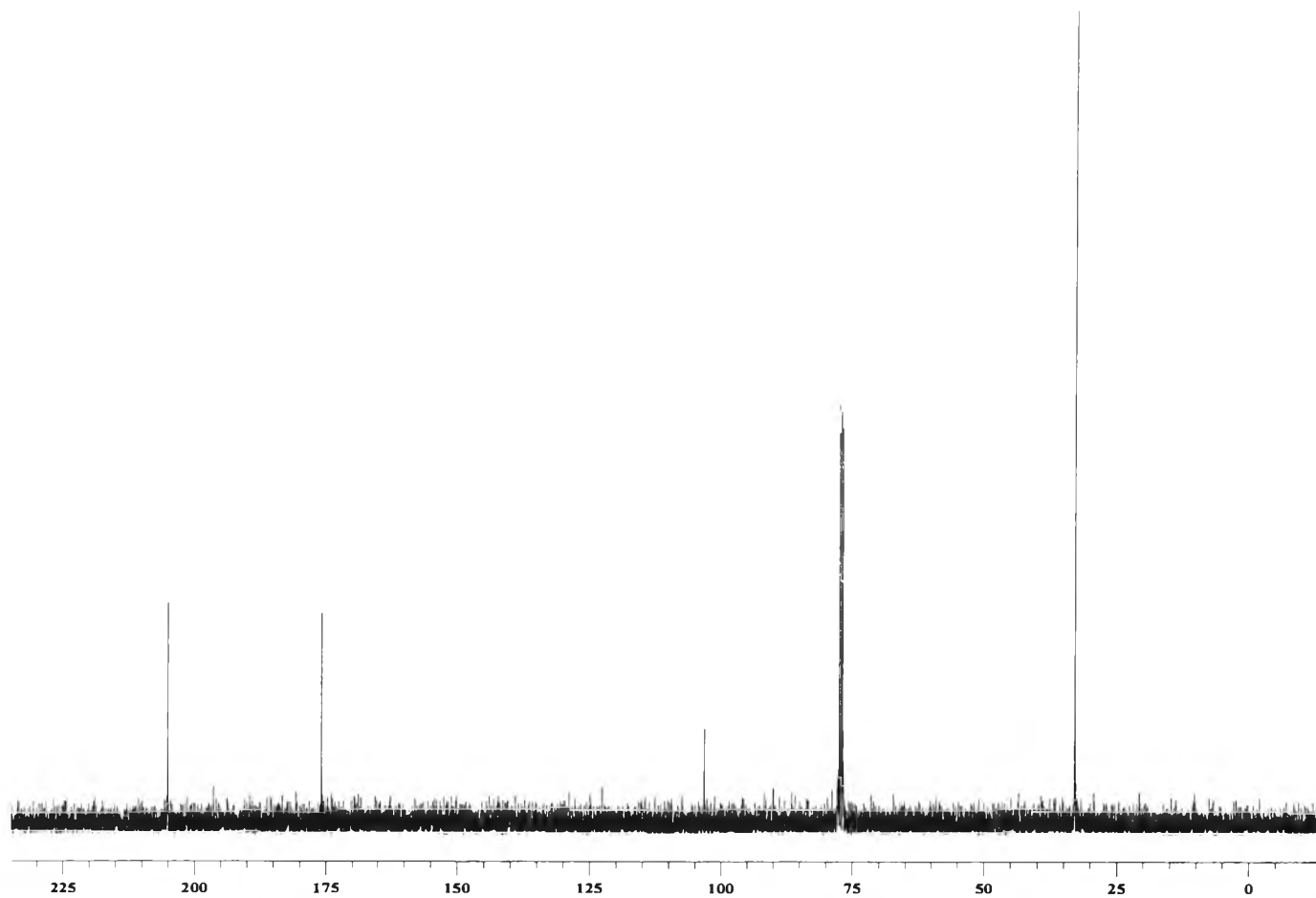


Figure A.2 ^{13}C -NMR (CDCl_3) Spectrum of 1,3,5-triacetyl-2,4,6-trihydroxybenzene **60**

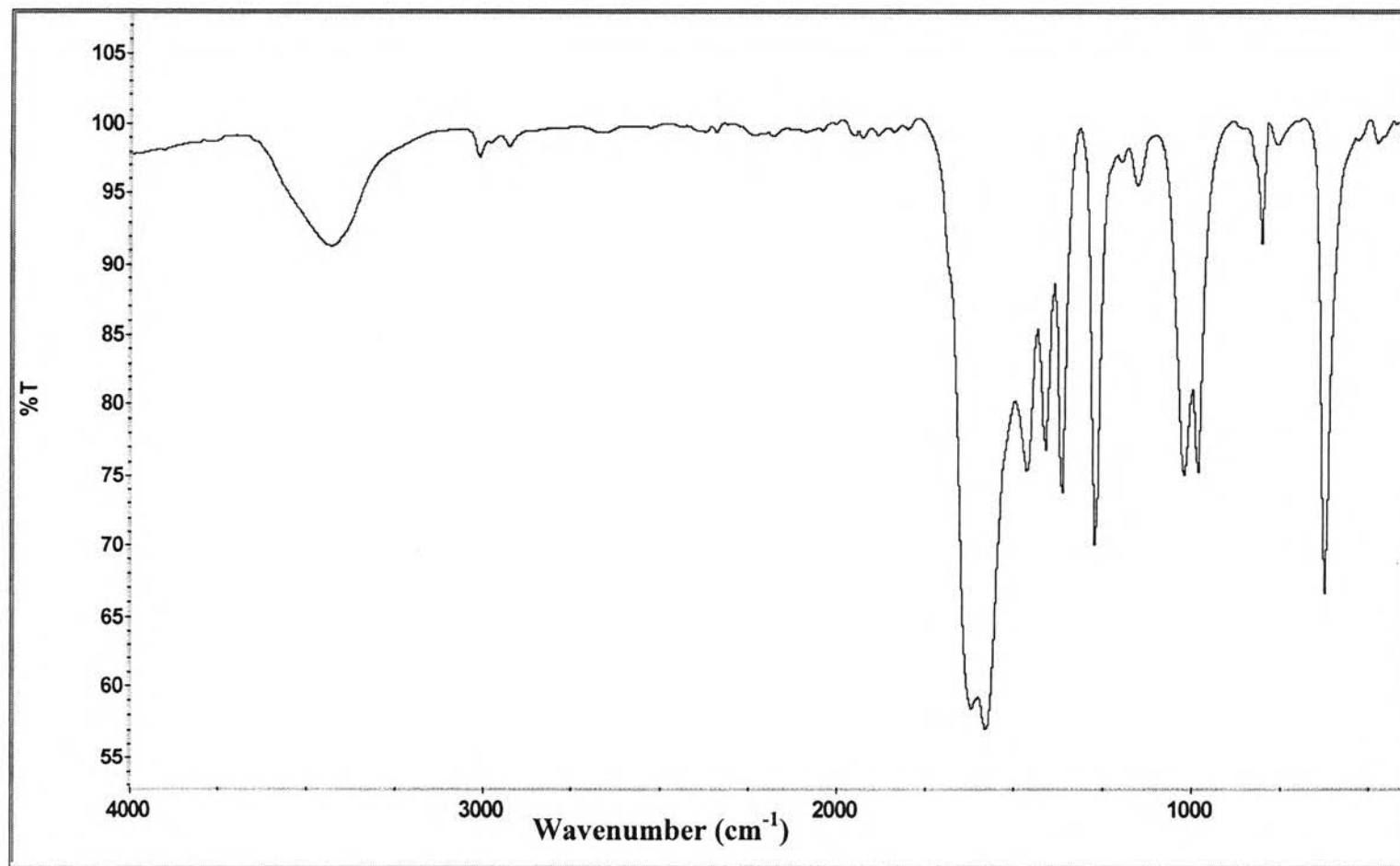


Figure A.3 IR (KBr) spectrum of 1,3,5-triacetyl-2,4,6-trihydroxybenzene 60

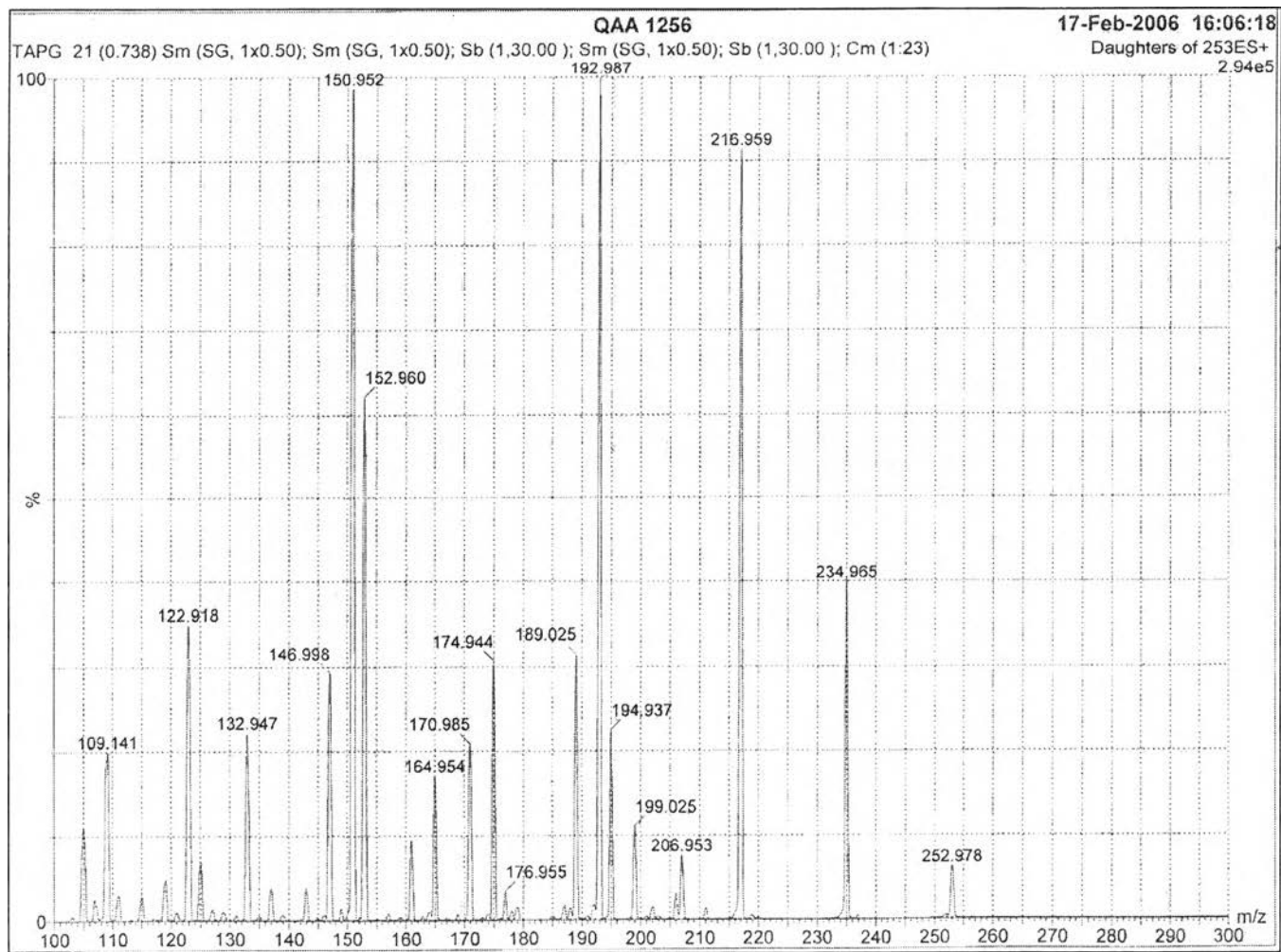


Figure A.4 Mass Spectrum of 1,3,5-triacetyl-2,4,6-trihydroxybenzene **60**

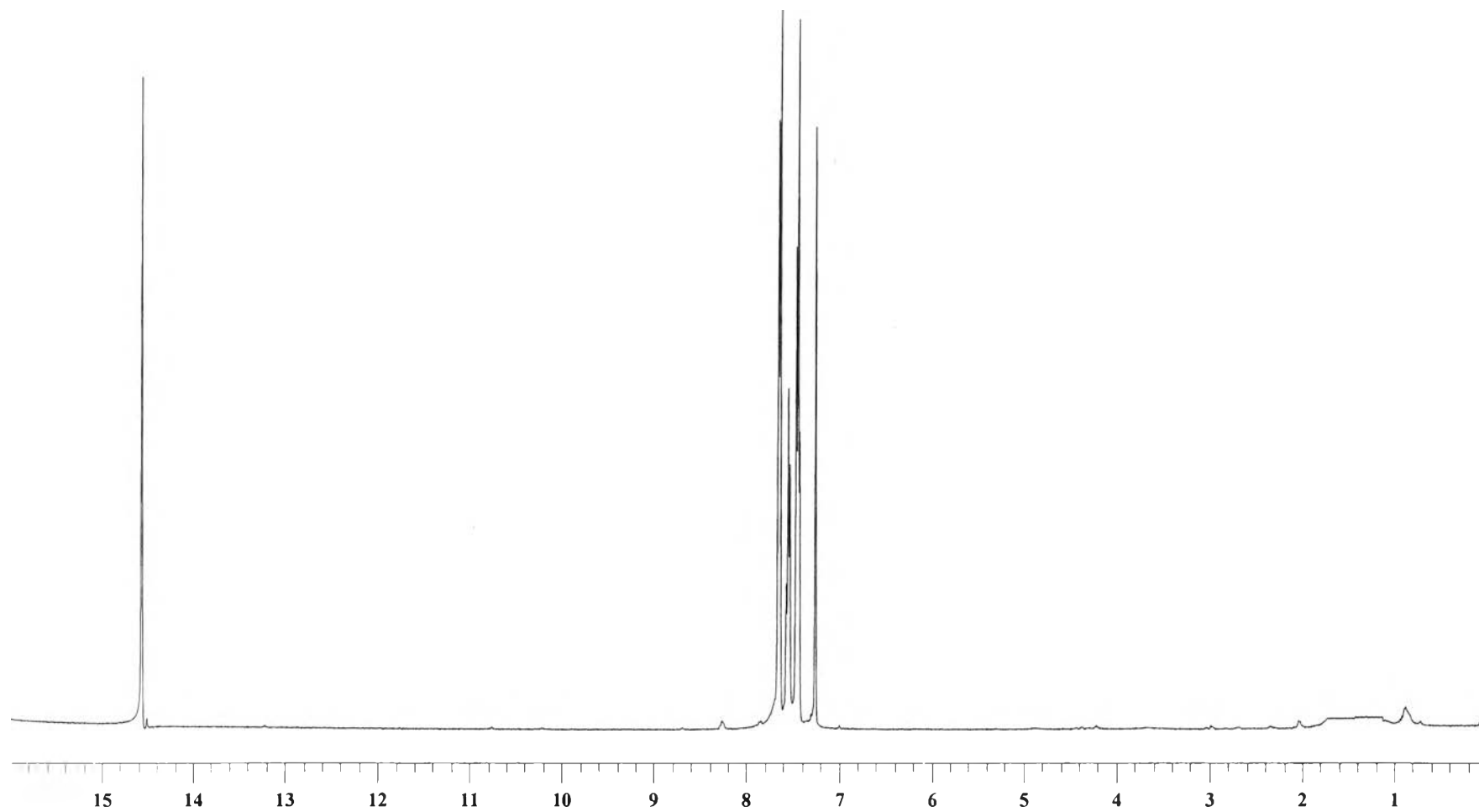


Figure A.5 ¹H-NMR (CDCl₃) Spectrum of 1,3,5-tribenzoyl-2,4,6-trihydroxybenzene **61**

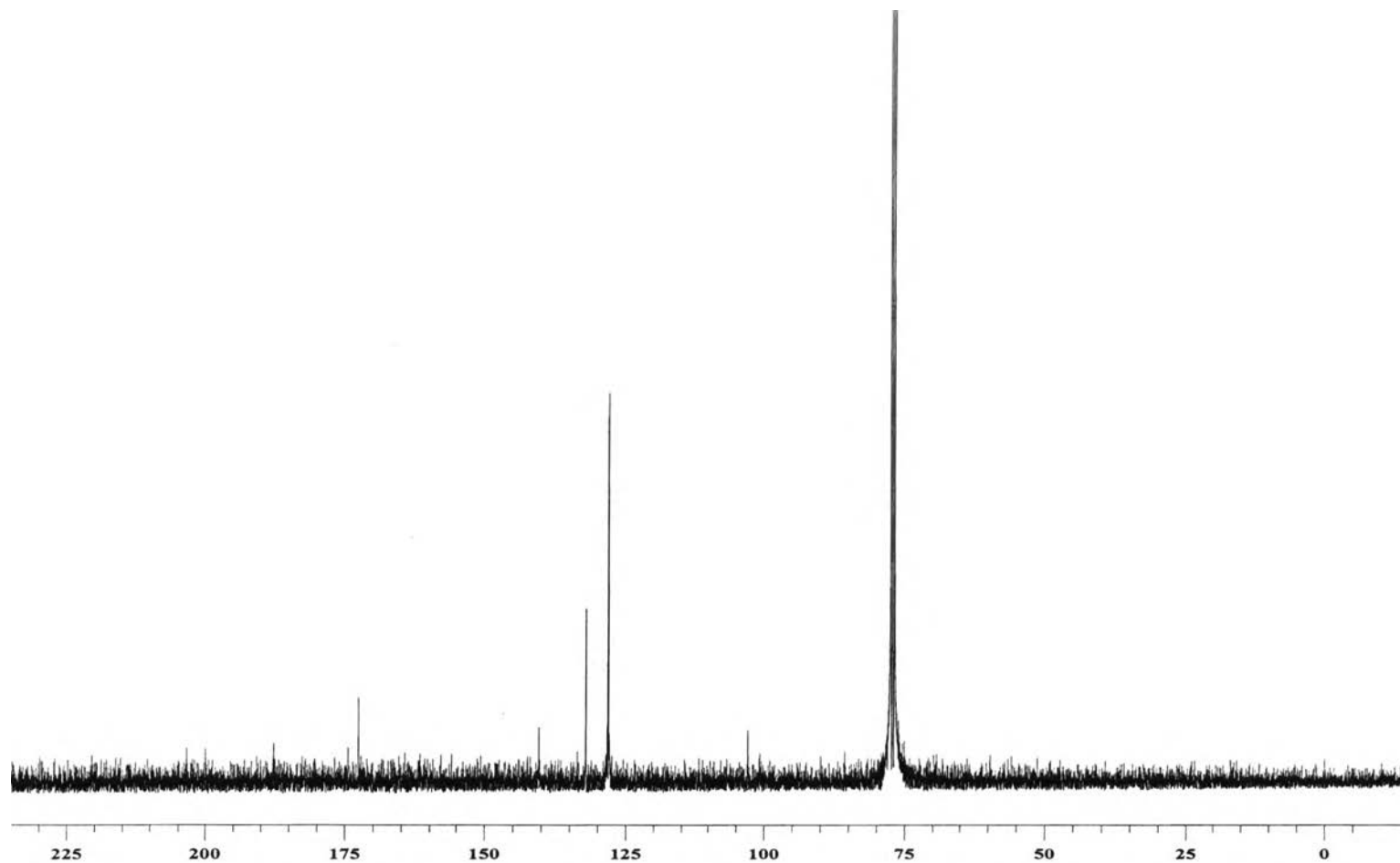


Figure A.6 ^{13}C -NMR (CDCl_3) Spectrum of 1,3,5-tribenzoyl-2,4,6-trihydroxybenzene **61**



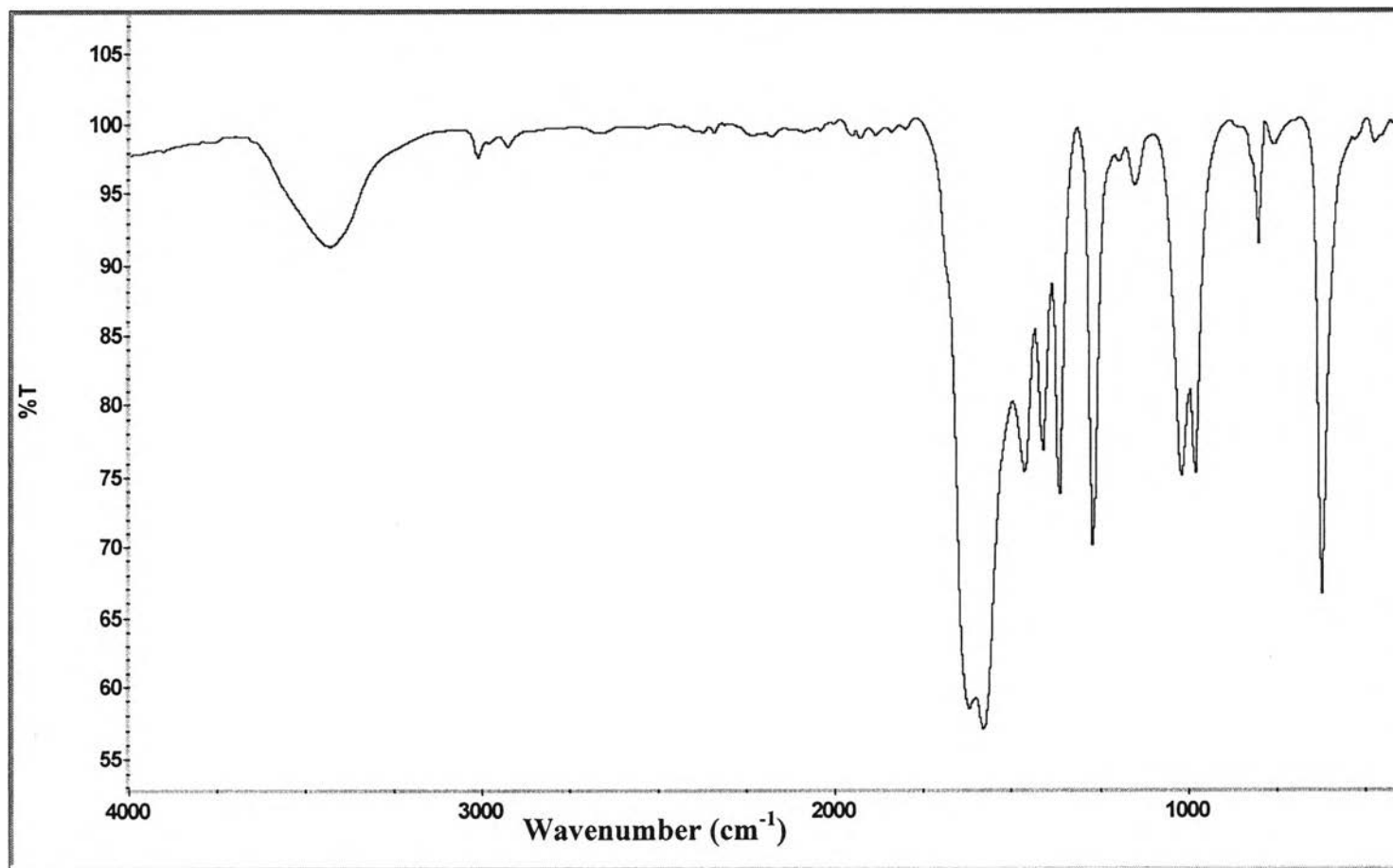


Figure A.7 IR (KBr) Spectrum of 1,3,5-tribenzoyl-2,4,6-trihydroxybenzene 61

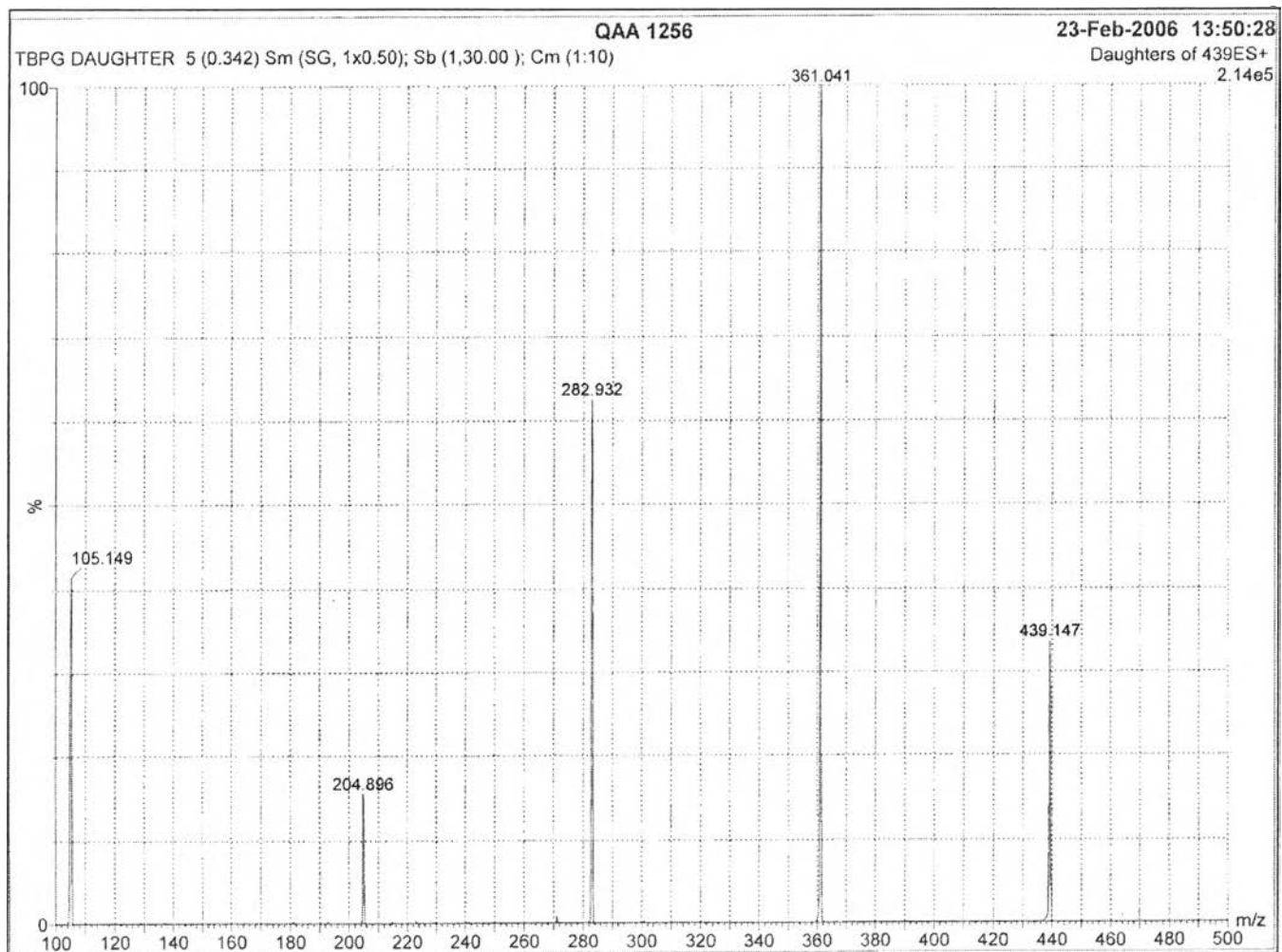


Figure A.8 Mass Spectrum of 1,3,5-tribenzoyl-2,4,6-trihydroxybenzene 61

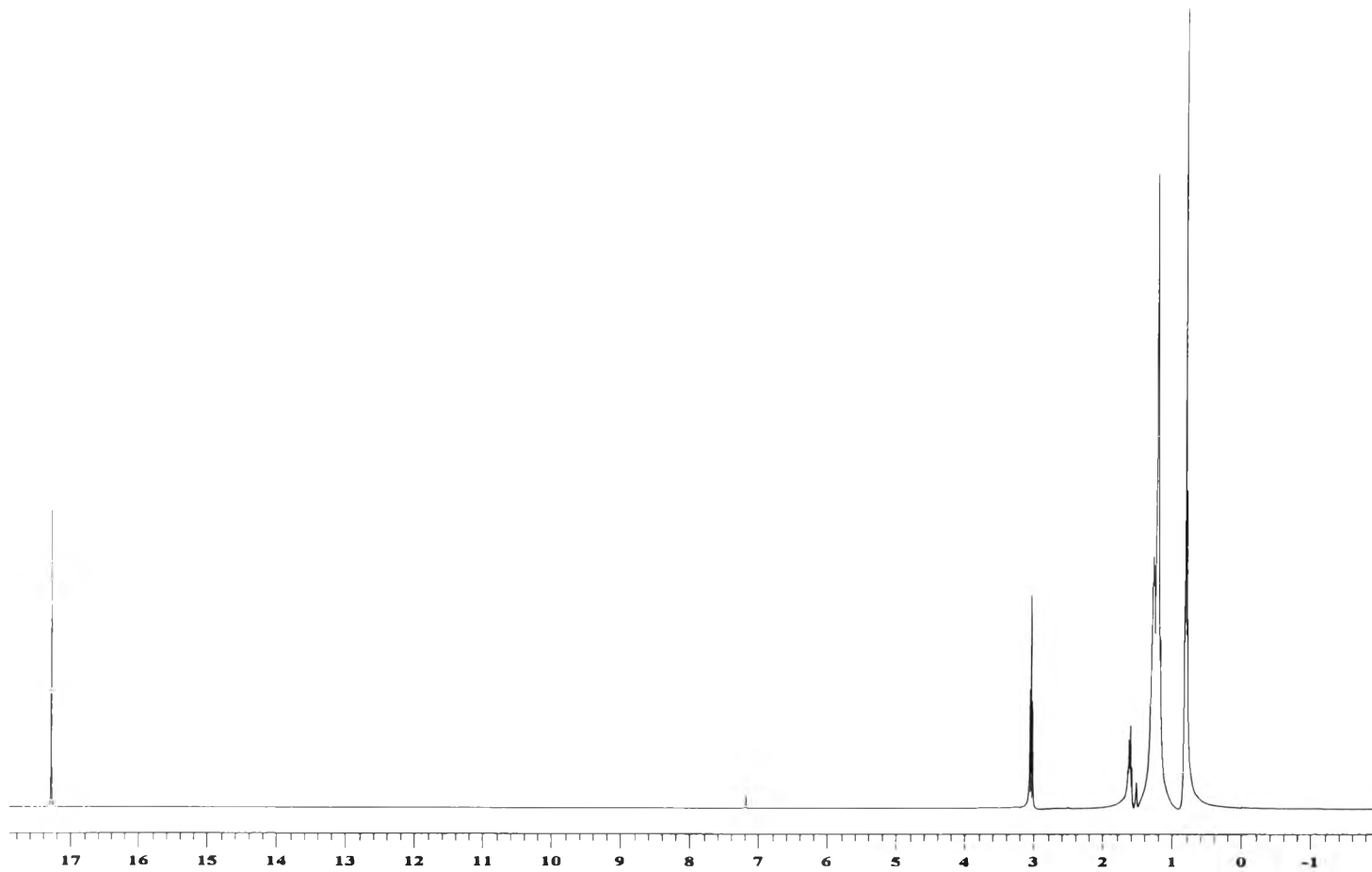


Figure A.9 $^1\text{H-NMR}$ (CDCl_3) Spectrum of 1,3,5-trioctanoyl-2,4,6-trihydroxybenzene **62**

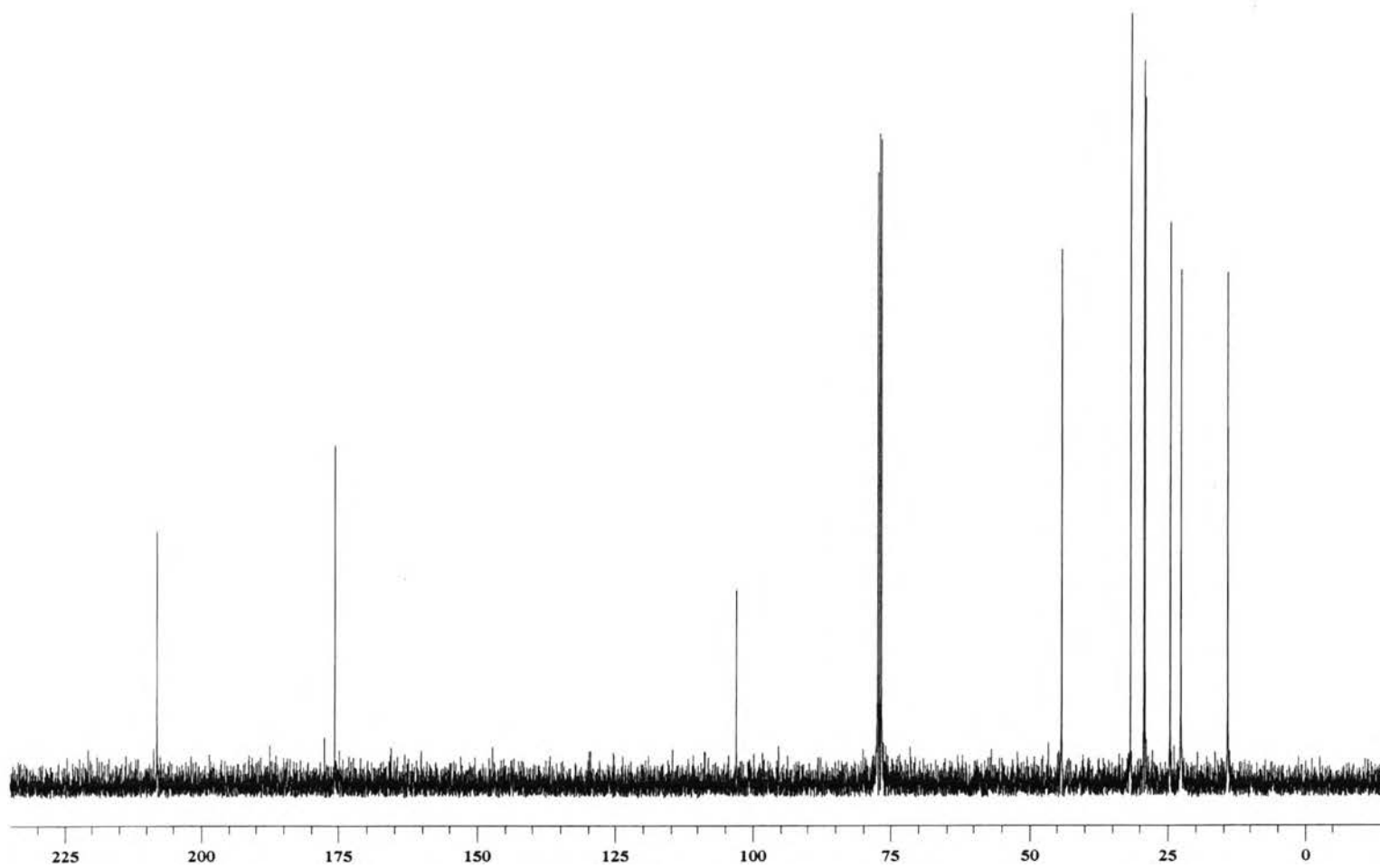


Figure A.10 ^{13}C -NMR (CDCl₃) Spectrum of 1,3,5-trioctanoyl-2,4,6-trihydroxybenzene **62**

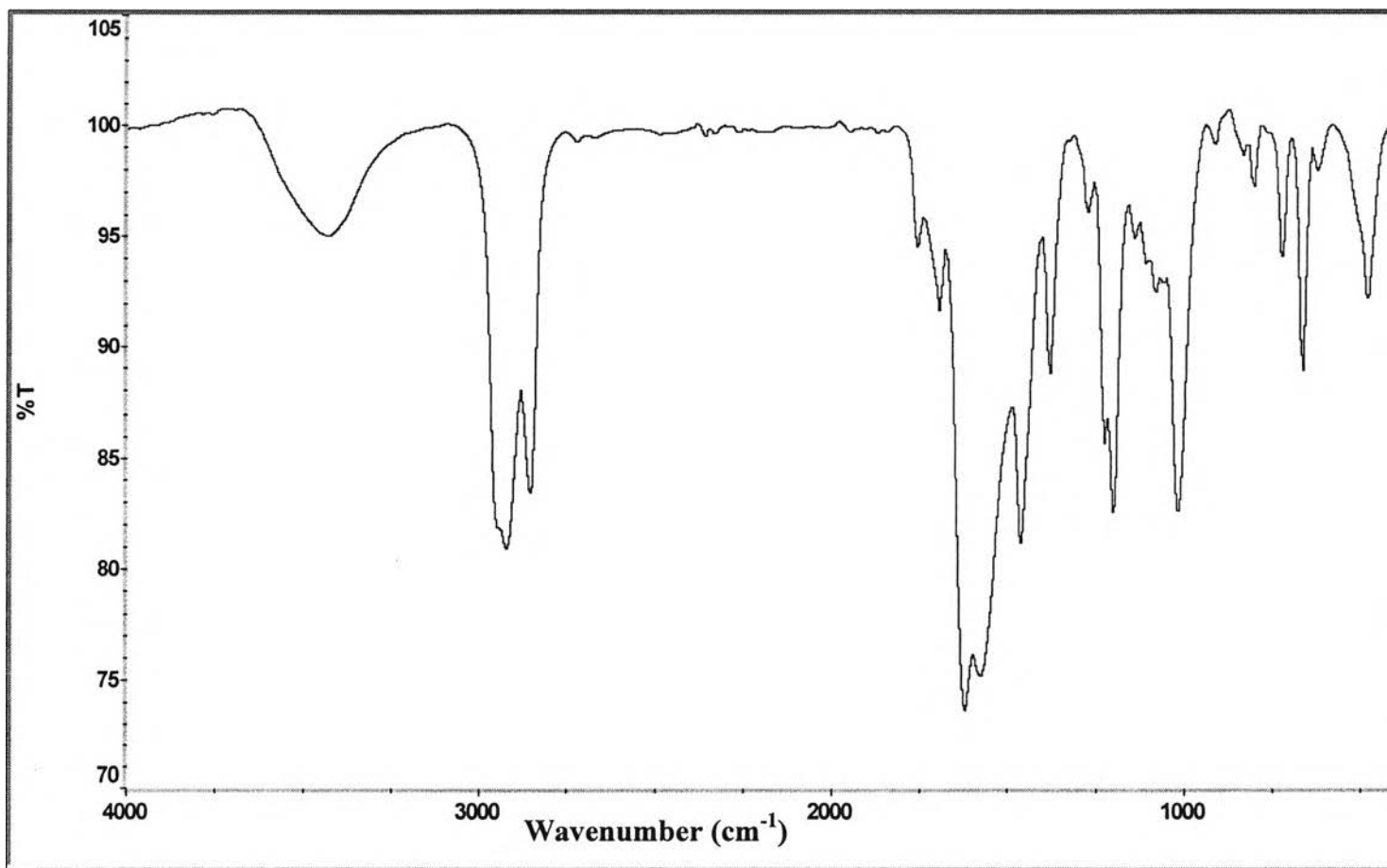


Figure A.11 IR (KBr) Spectrum of 1,3,5-trihydroxy-2,4,6-trioctanoylbenzene 62

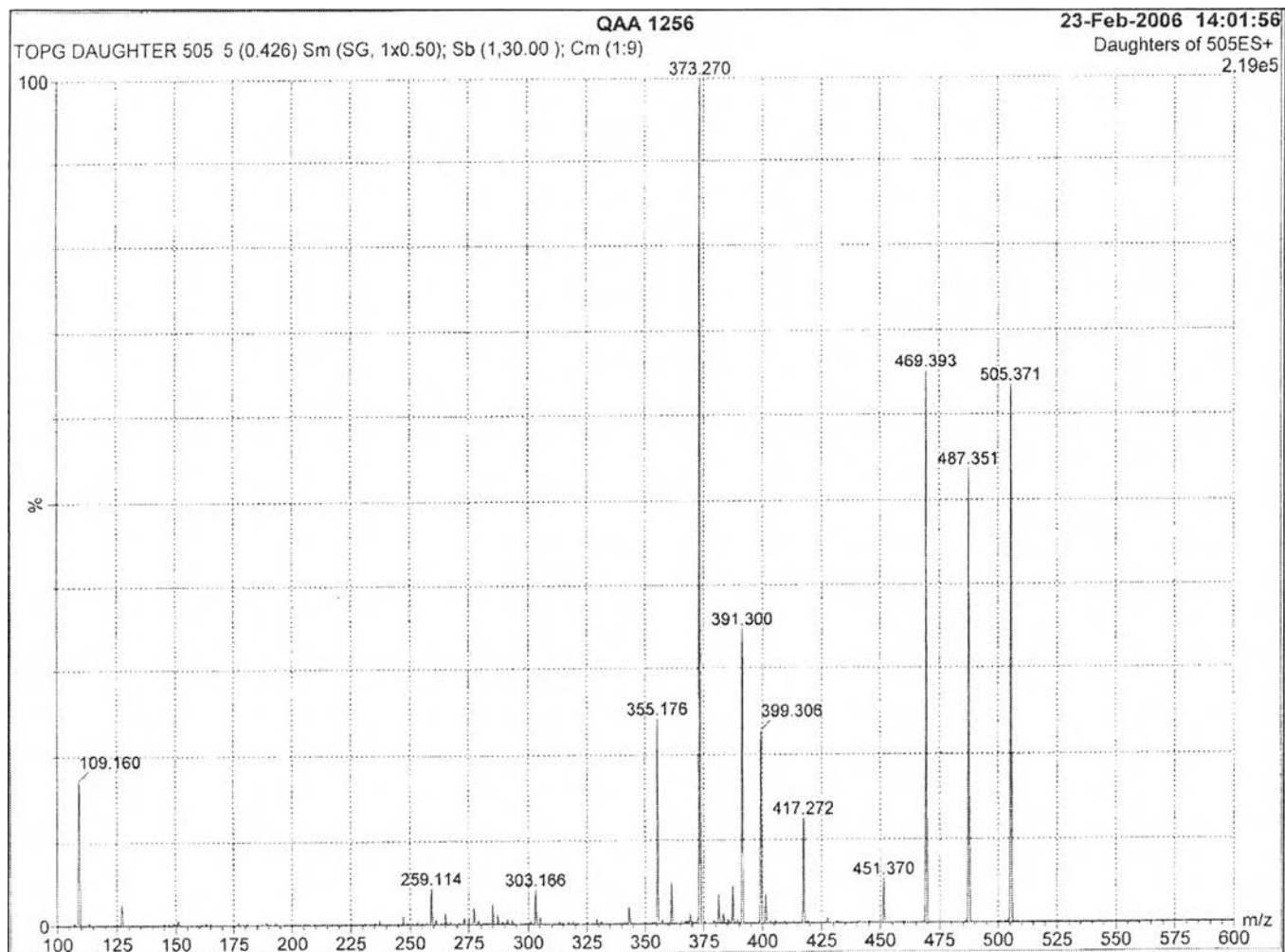


Figure A.12 Mass Spectrum of 1,3,5-trihydroxy-2,4,6-trioctanoylbenzene 62

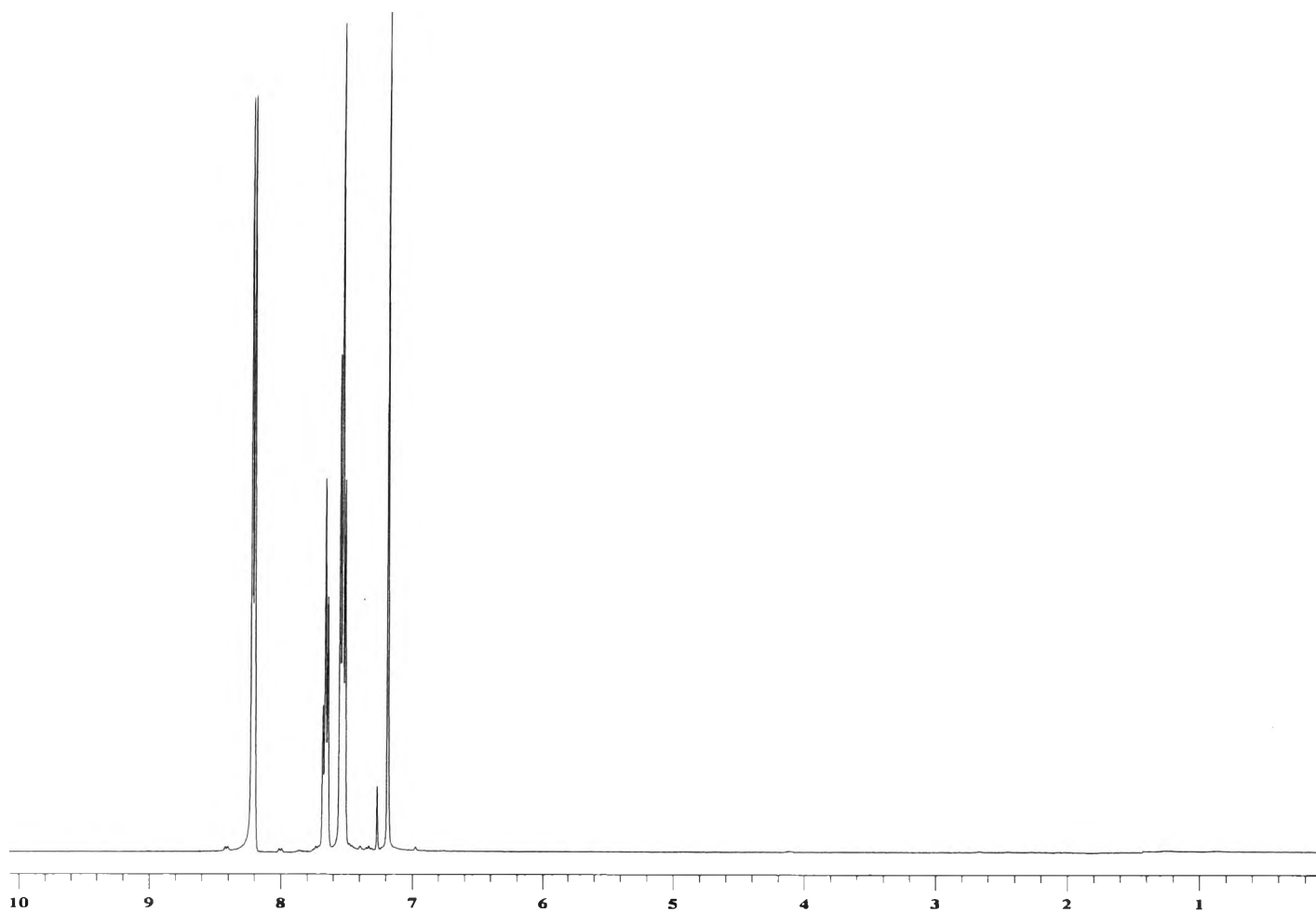


Figure A.13 $^1\text{H-NMR}$ (CDCl_3) Spectrum of 1,3,5-benzoyloxybenzene **63**

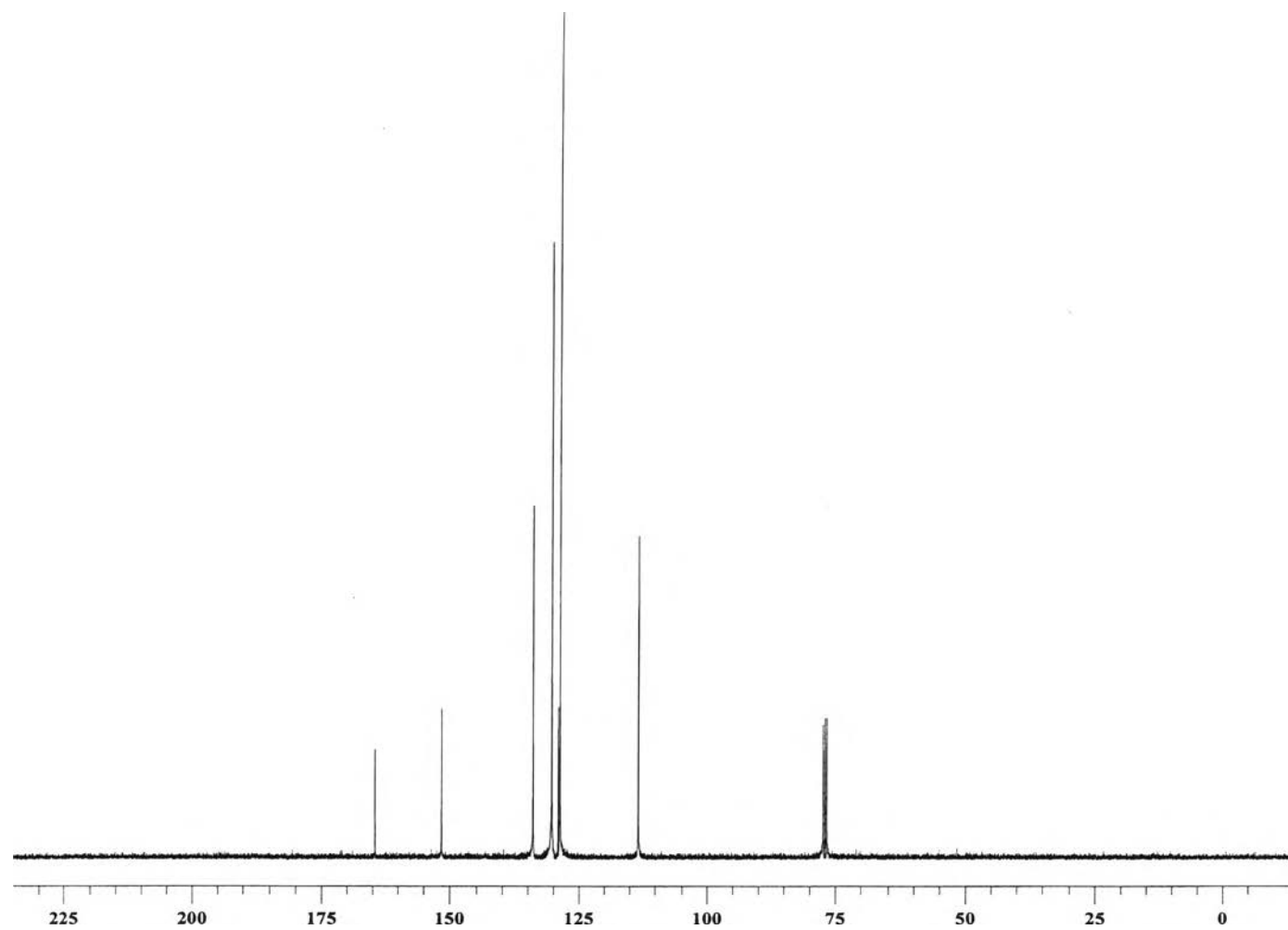


Figure A.14 ^{13}C -NMR (CDCl_3) Spectrum of 1,3,5-benzoyloxybenzene **63**

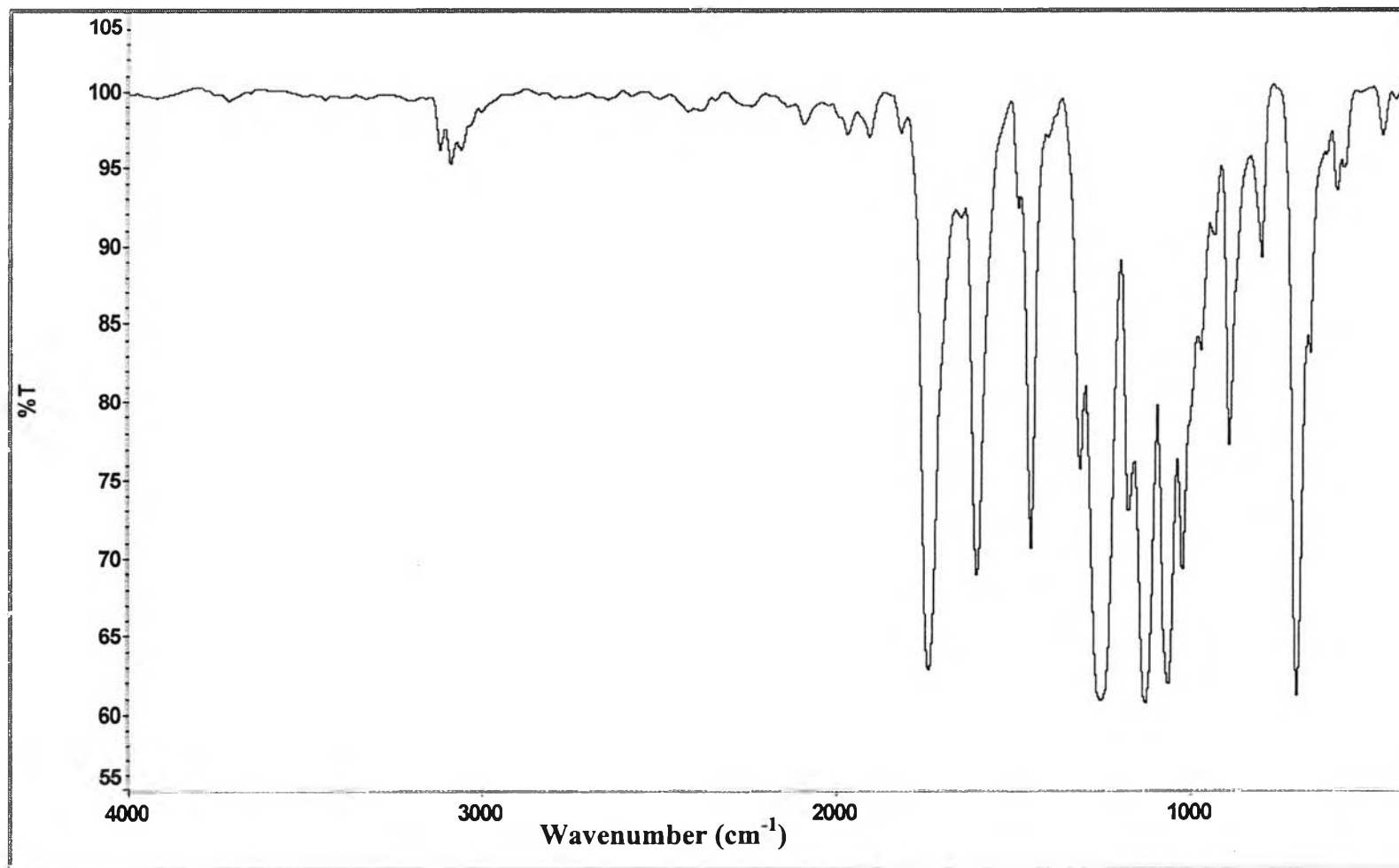


Figure A.15 IR (KBr) Spectrum of 1,3,5-tribenzoyloxybenzene 63

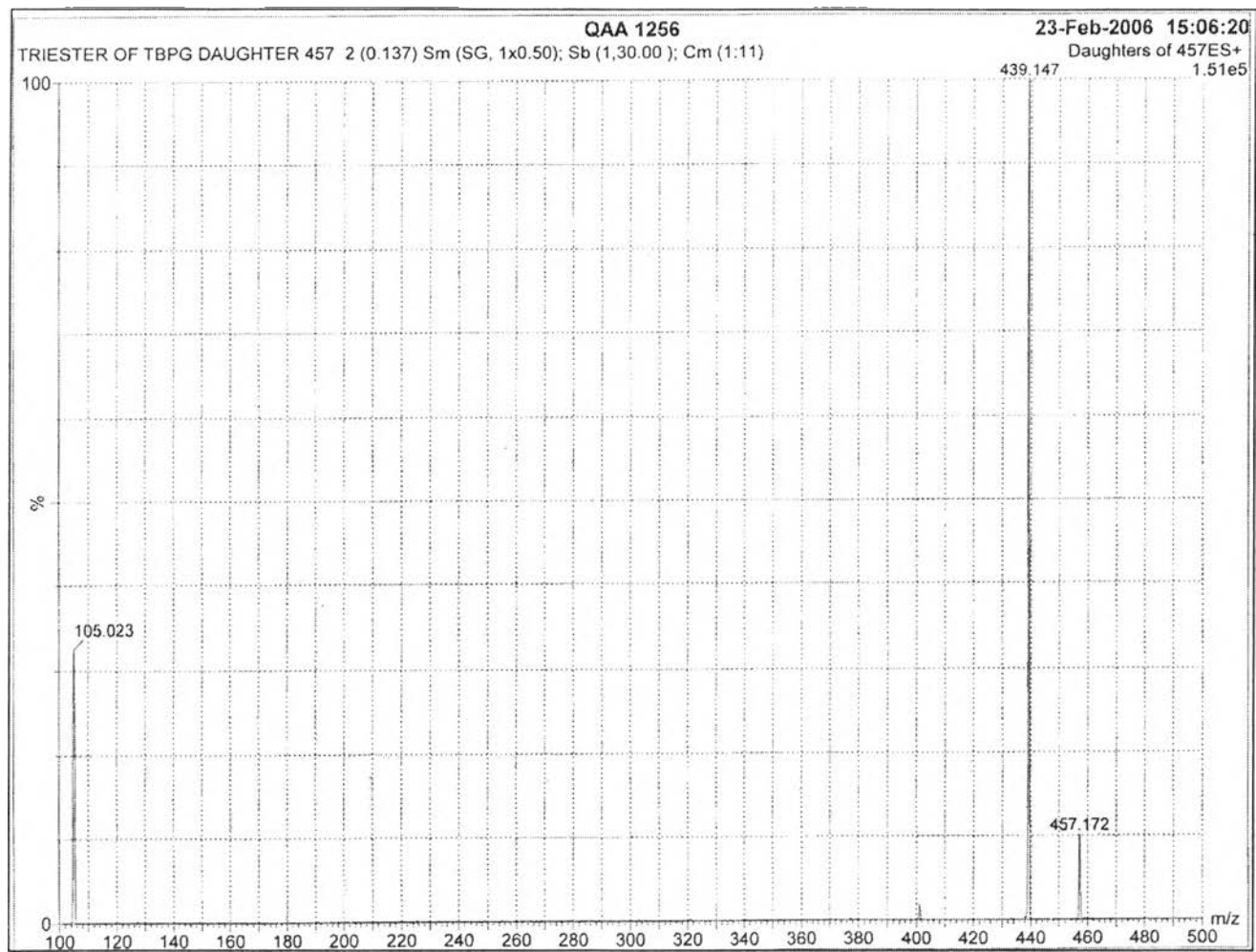


Figure A.16 Mass Spectrum of 1,3,5-tribenzoyloxybenzene 63

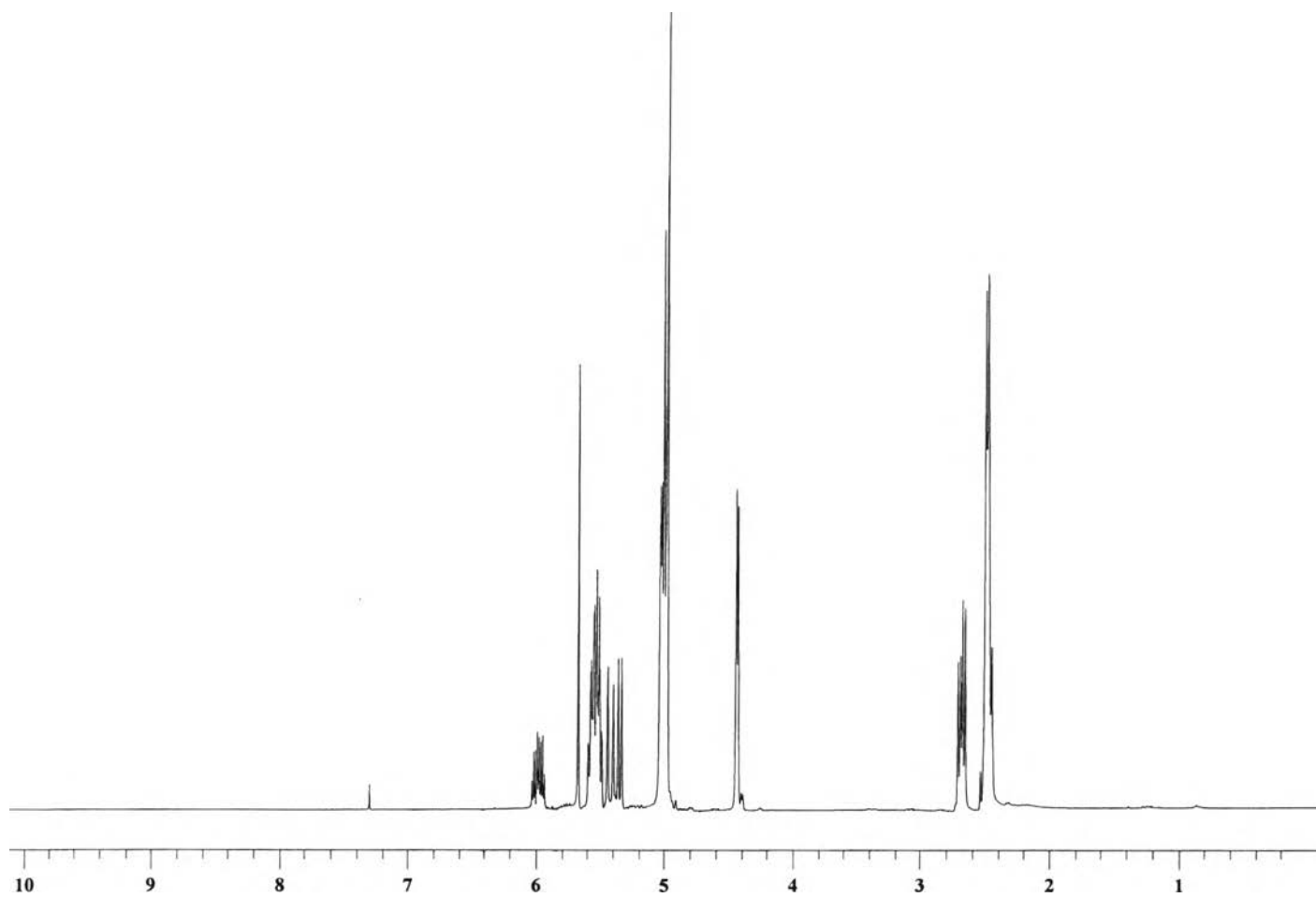


Figure A.17 $^1\text{H-NMR}$ (CDCl_3) Spectrum of 1,3,5-triallyloxy-2,4-diallylbenzene **68**

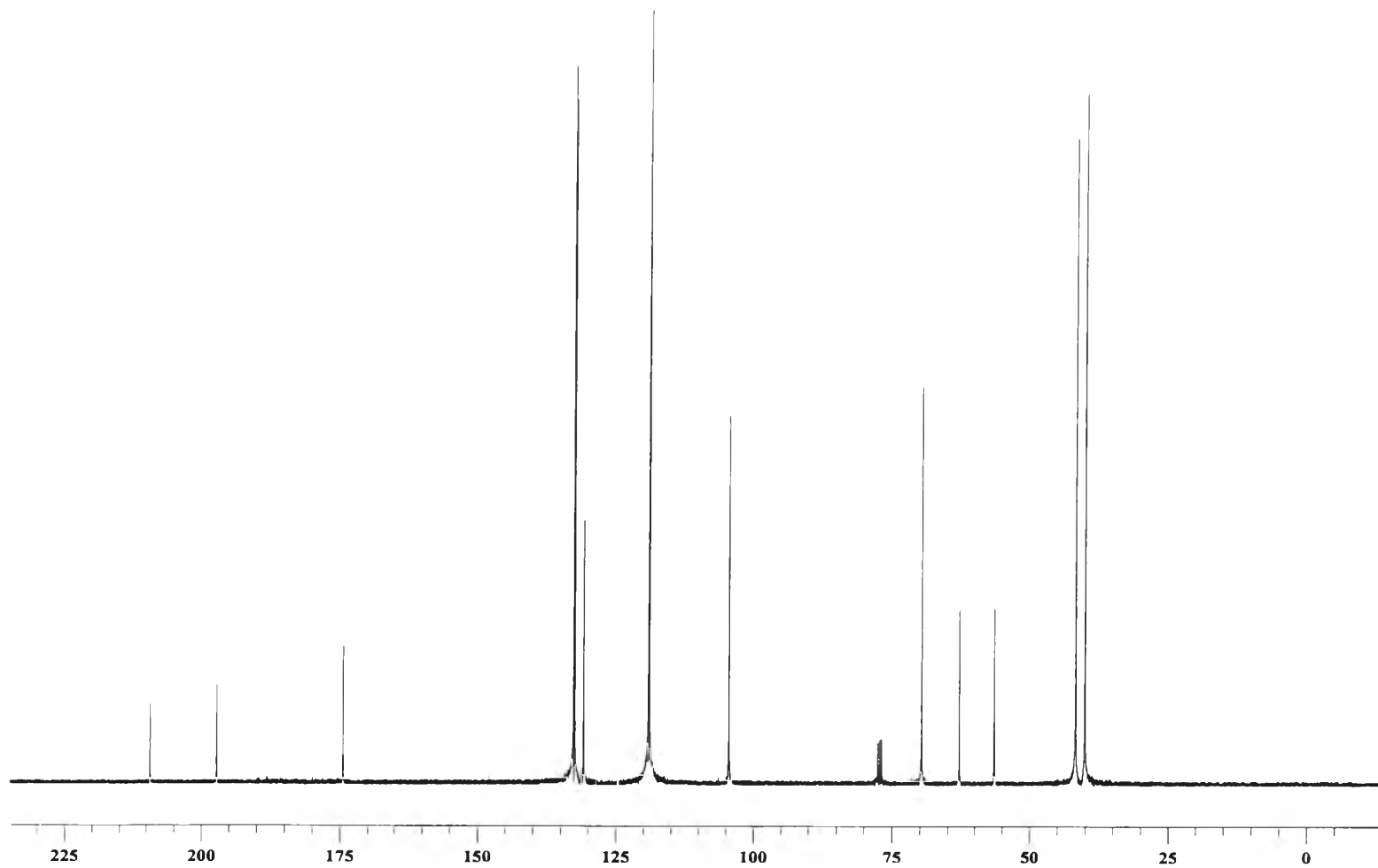


Figure A.18 ^{13}C -NMR (CDCl_3) Spectrum of 1,3,5-triallyloxy-2,4-di(1-propenyl)benzene **68**

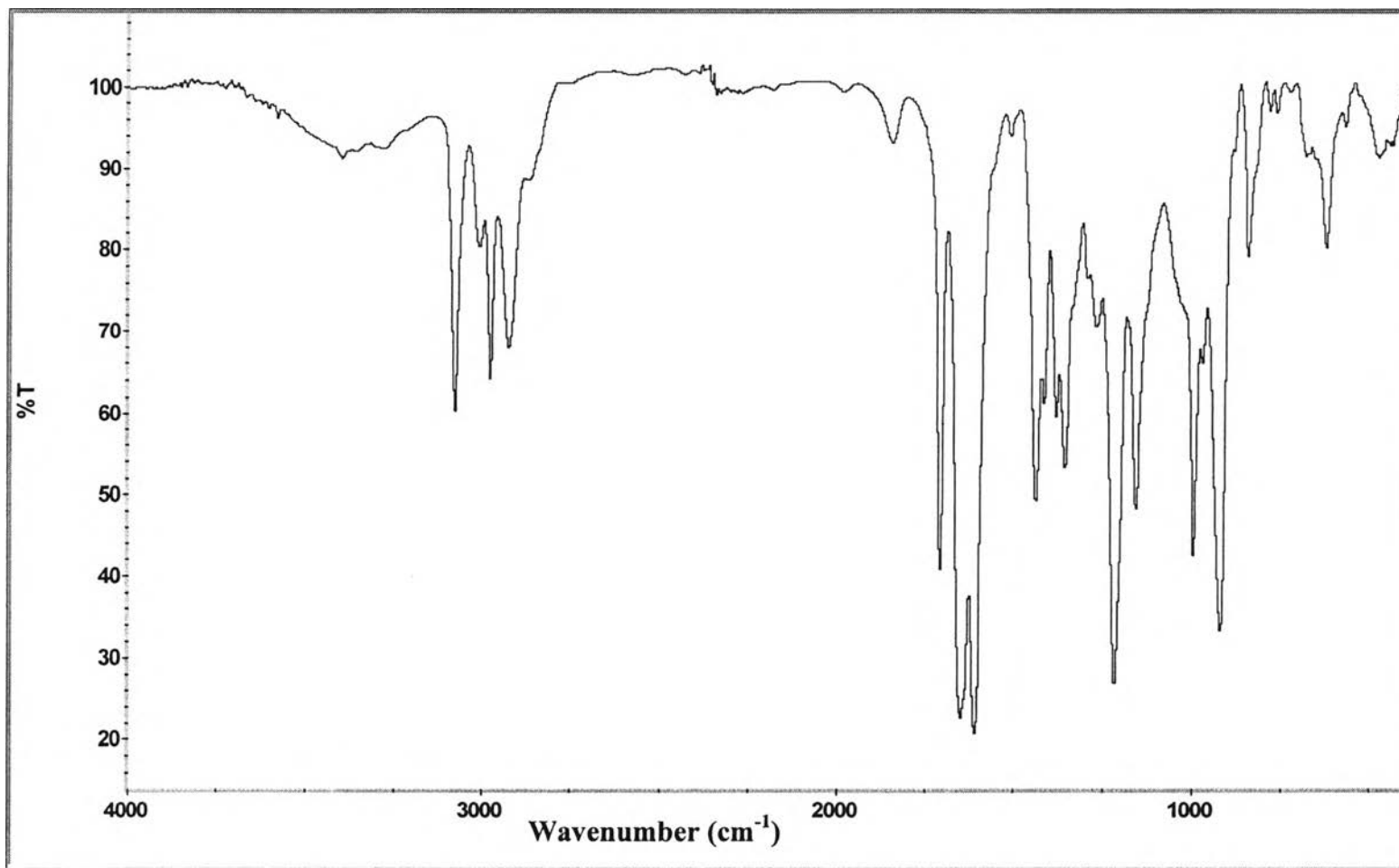


Figure A.19 IR (neat) Spectrum of 1,3,5-triallyloxy-2,4-di(1-propenyl)benzene 68

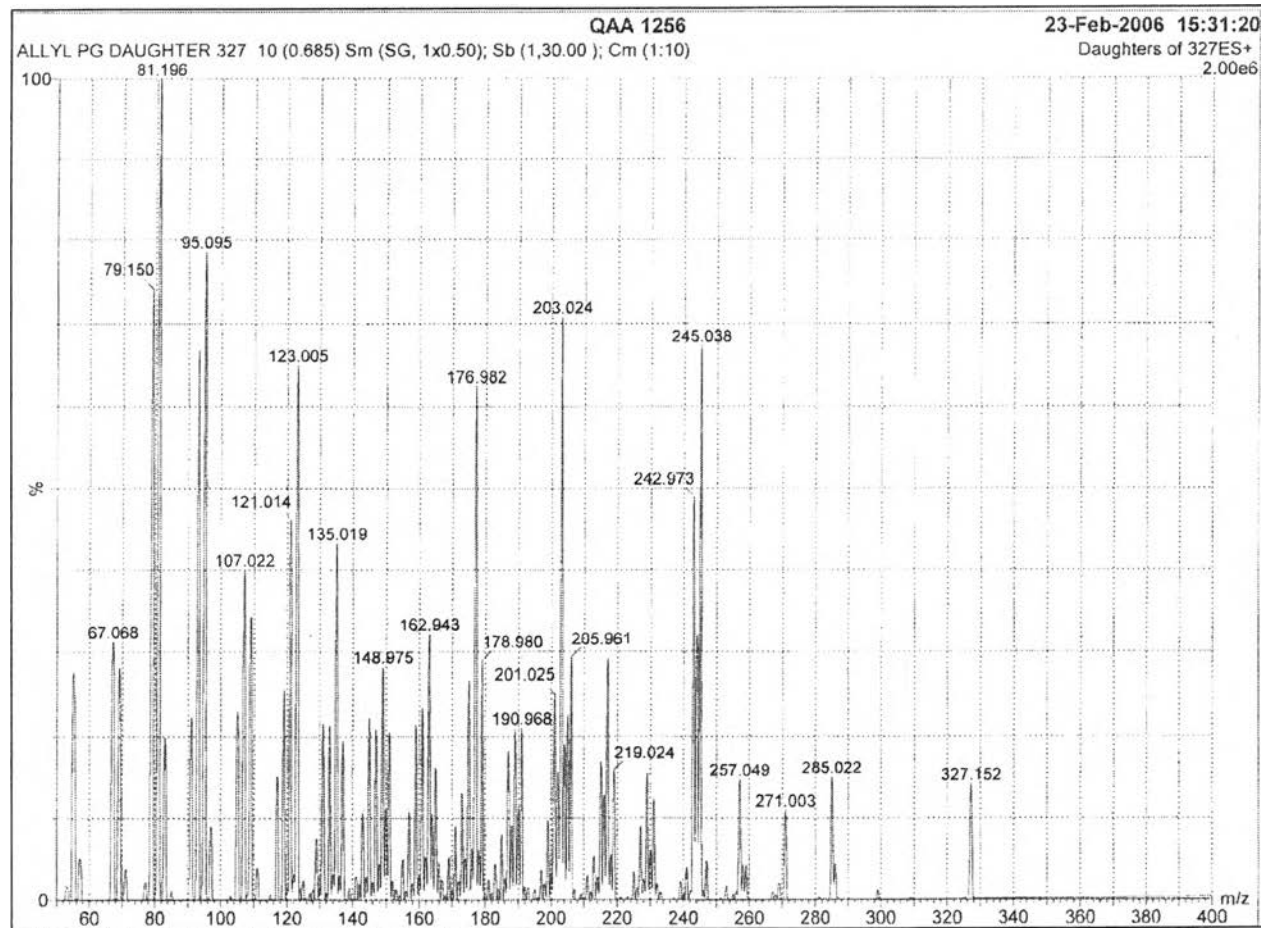


Figure A.20 Mass Spectrum of 1,3,5-triallyloxy-2,4-di(1-propenyl)benzene 68

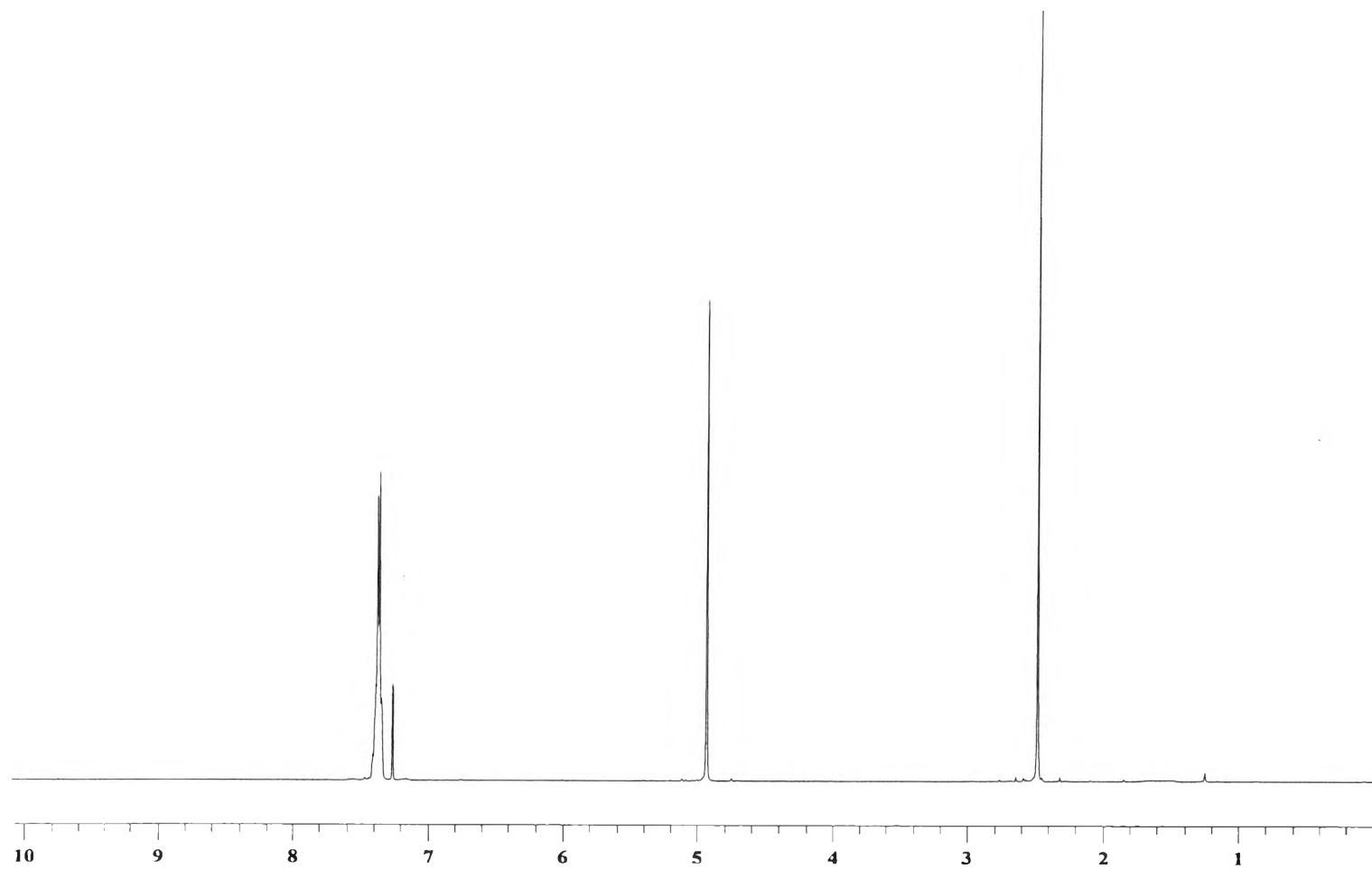


Figure A.21 $^1\text{H-NMR}$ (CDCl_3) Spectrum of 1,3,5-triacetyl-2,4,6-tribenzyloxybenzene **69**

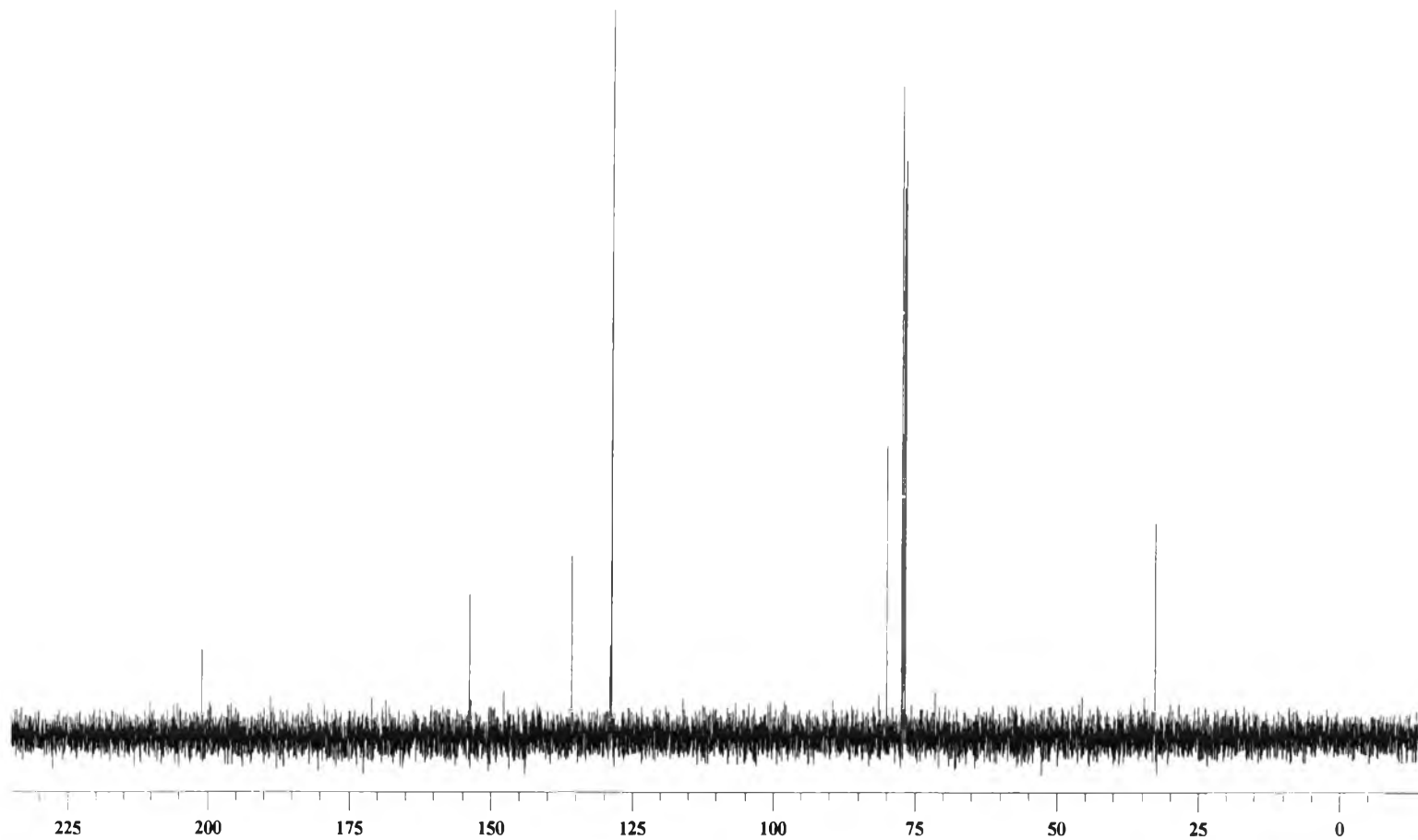


Figure A.22 ^{13}C -NMR (CDCl_3) Spectrum of 1,3,5-triacetyl-2,4,6-tribenzyloxybenzene **69**

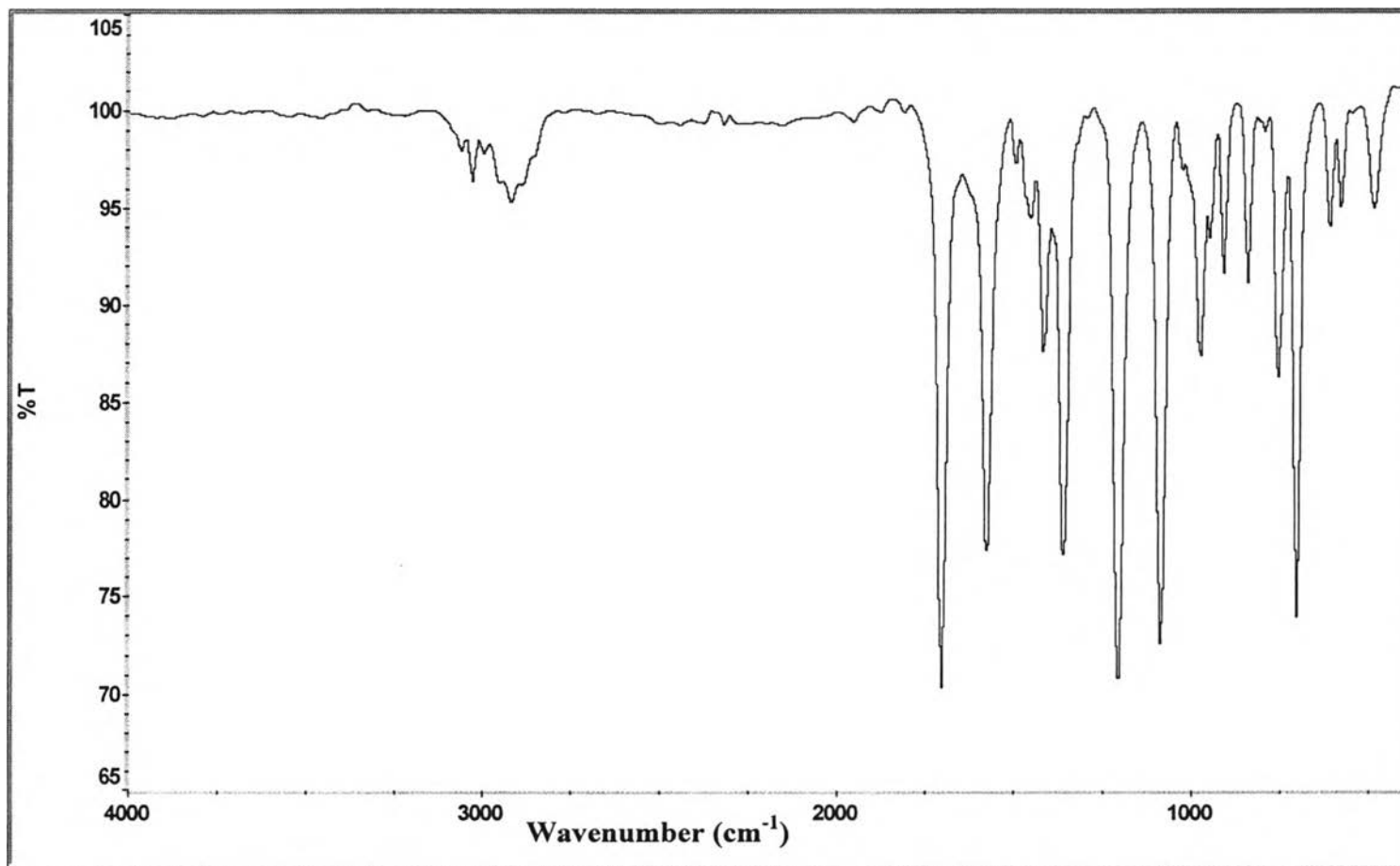


Figure A.23 IR (KBr) Spectrum of 1,3,5-triacetyl-2,4,6-tribenzyloxybenzene 69

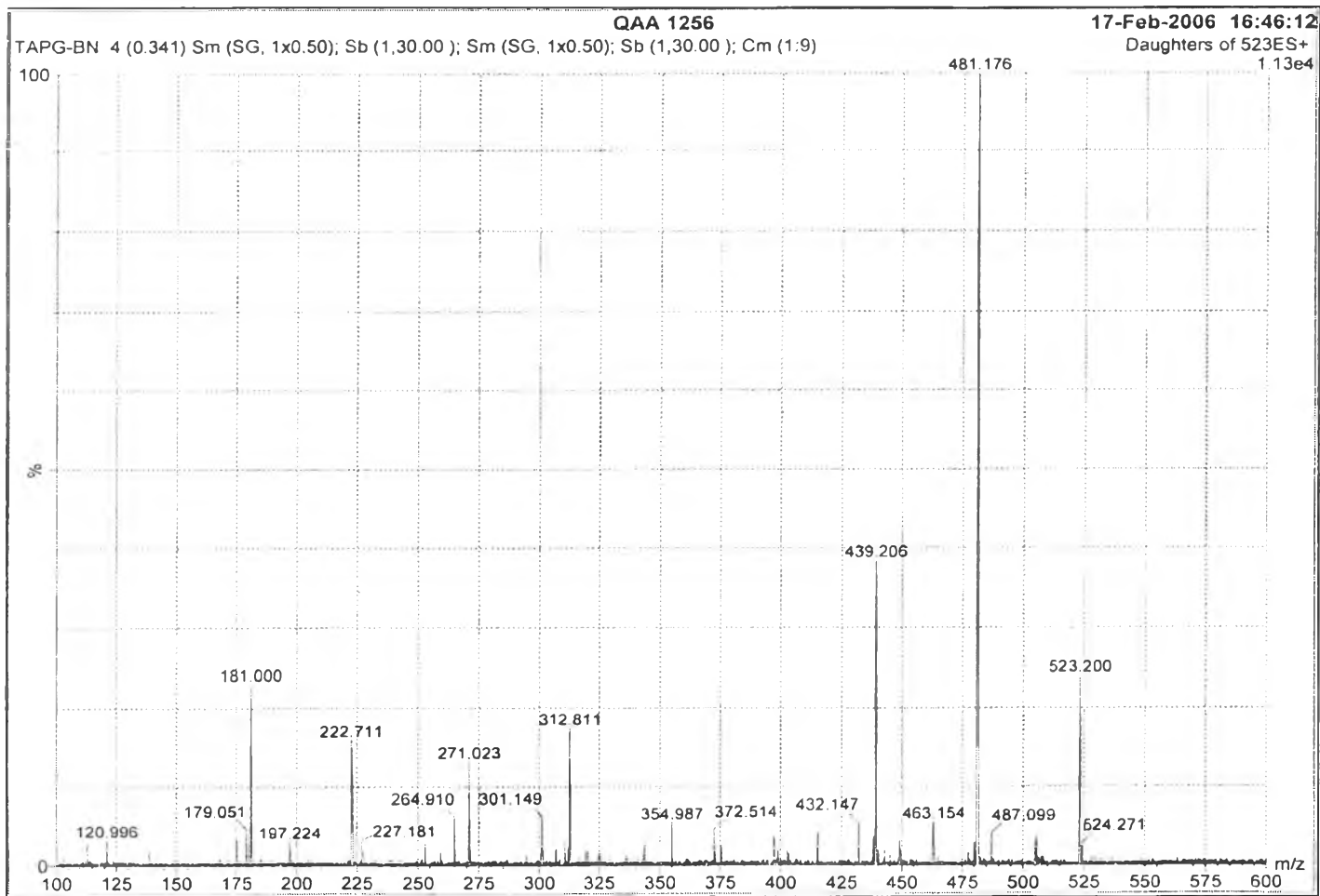


Figure A.24 Mass Spectrum of 1,3,5-triacetyl-2,4,6-tribenzyloxybenzene 69

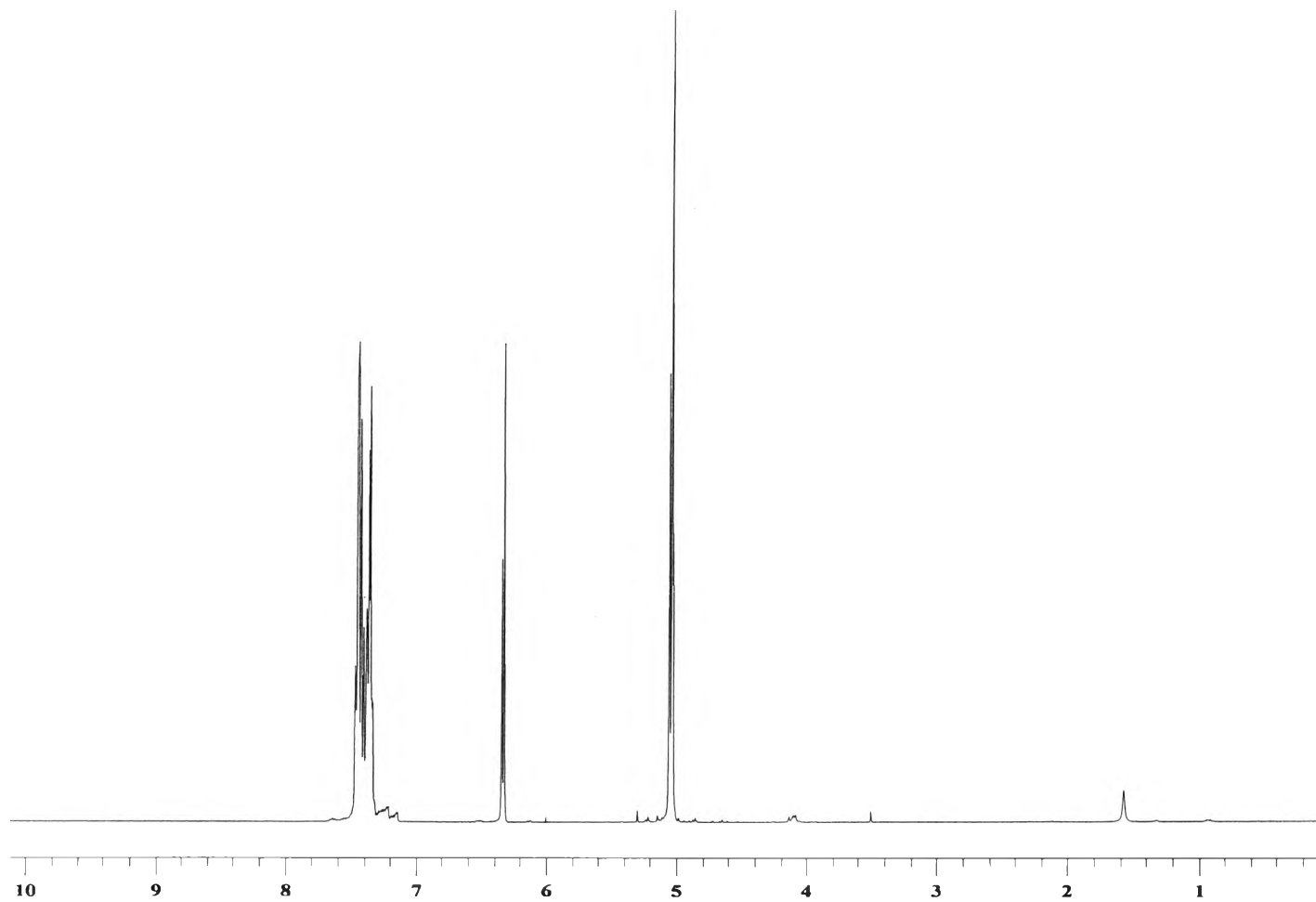


Figure A.25 $^1\text{H-NMR}$ (CDCl_3) Spectrum of 1,3,5-benzyloxybenzene 70

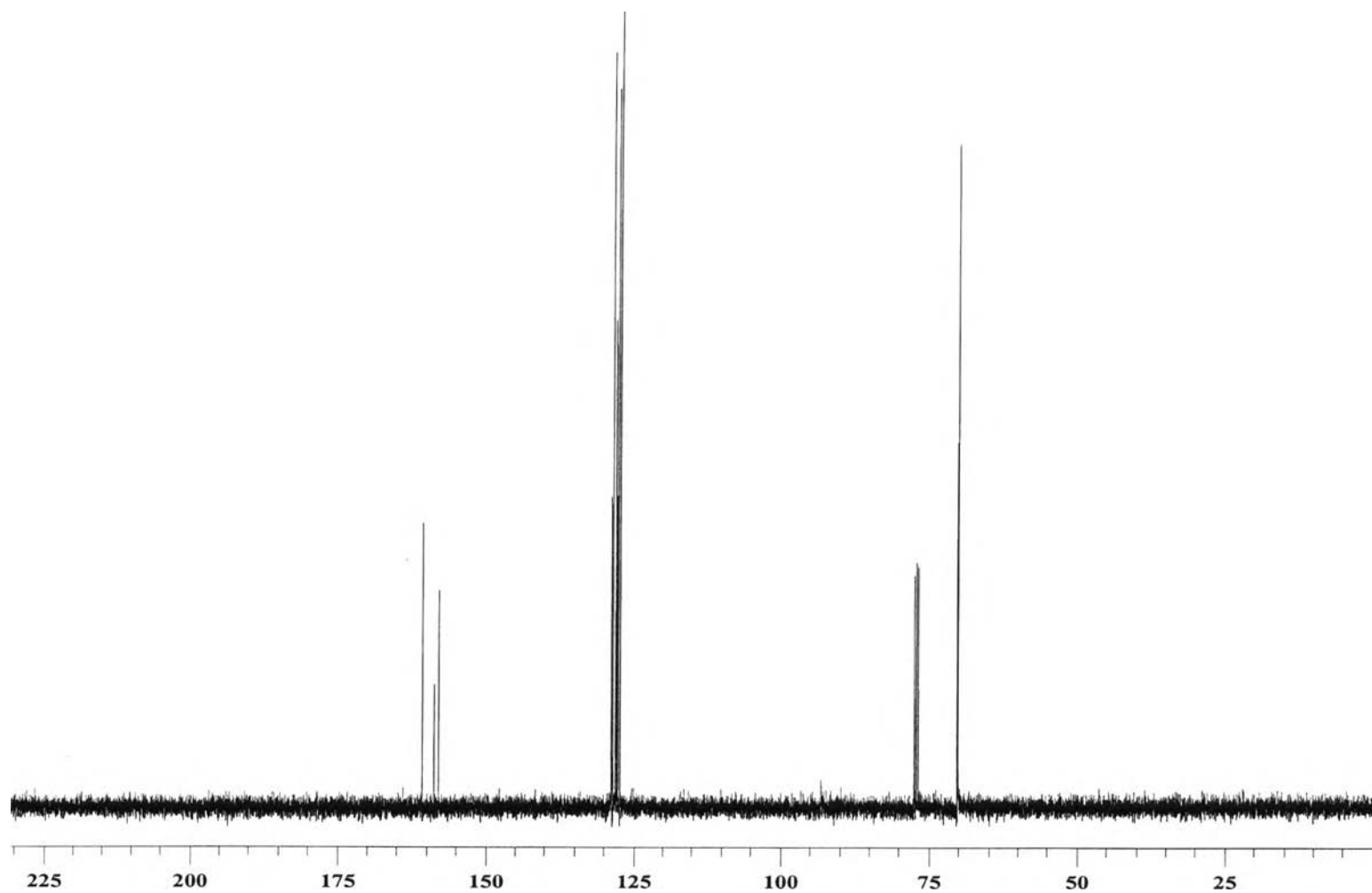


Figure A.26 ^{13}C -NMR (CDCl_3) Spectrum of 1,3,5-benzyloxybenzene 70

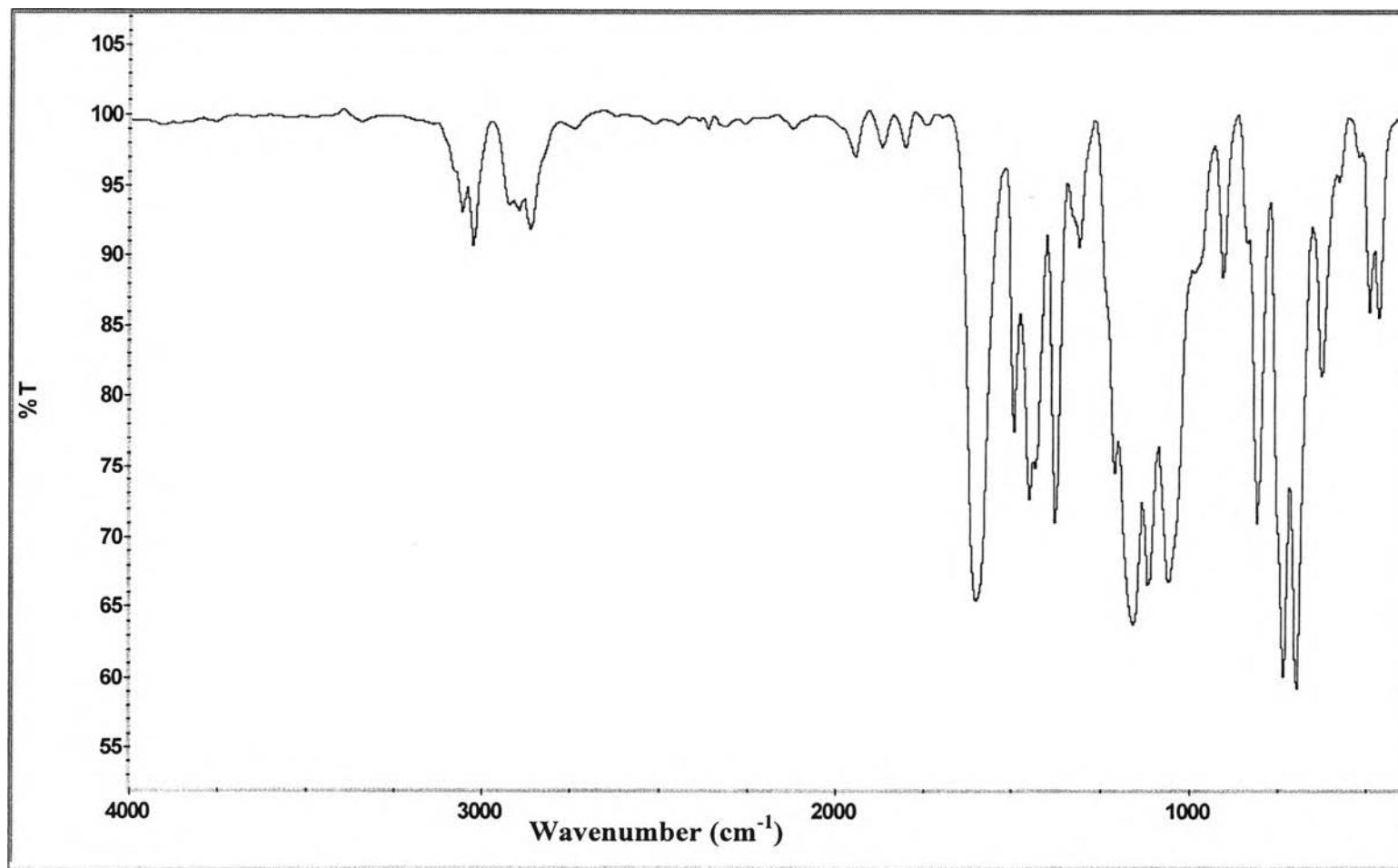


Figure A.27 IR (KBr) Spectrum of 1,3,5-benzyloxybenzene 70

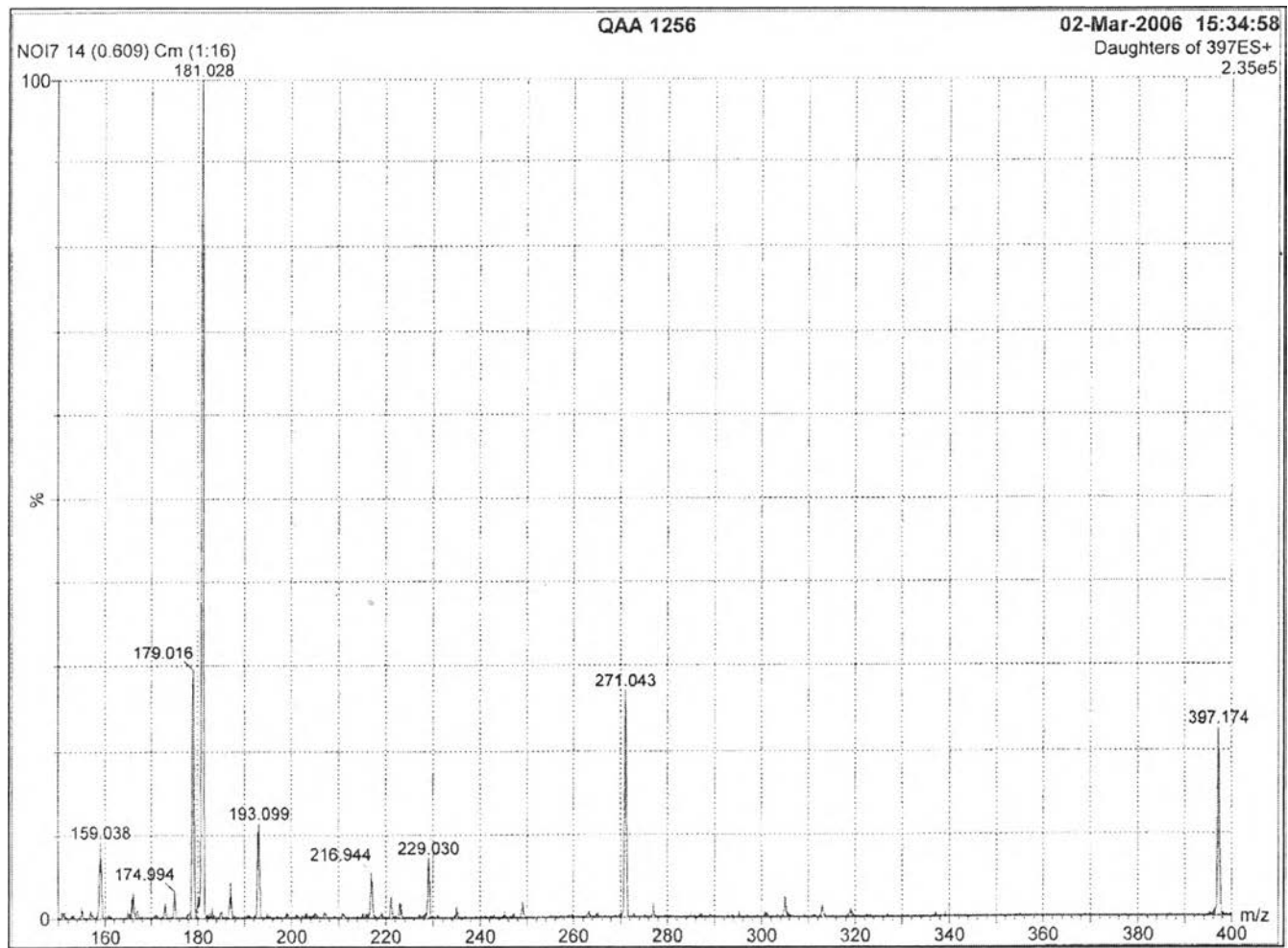


Figure A.28 Mass Spectrum of 1,3,5-benzoyloxybenzene 70

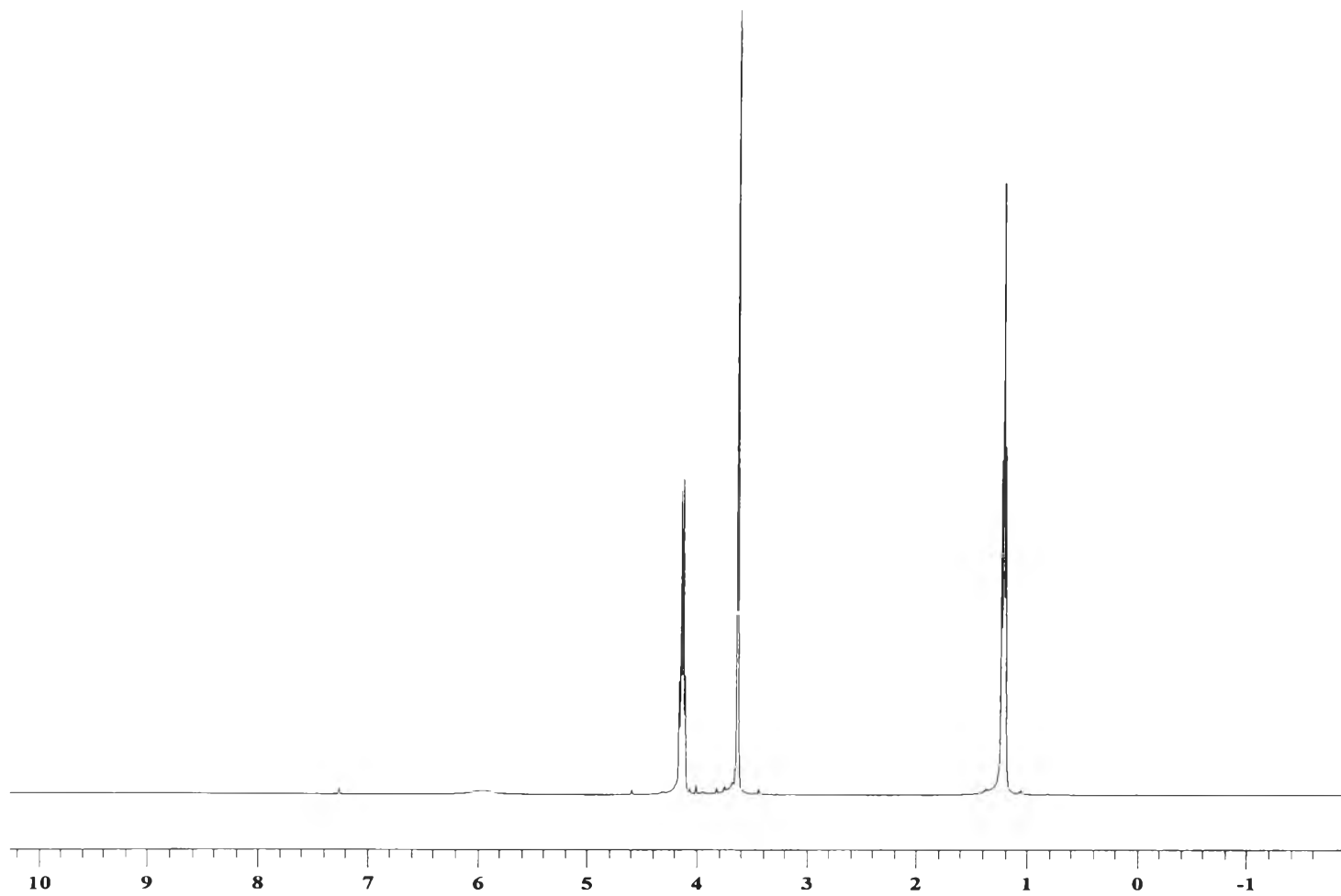


Figure A.29 $^1\text{H-NMR}$ (CDCl_3) Spectrum of ethyl iodoacetate

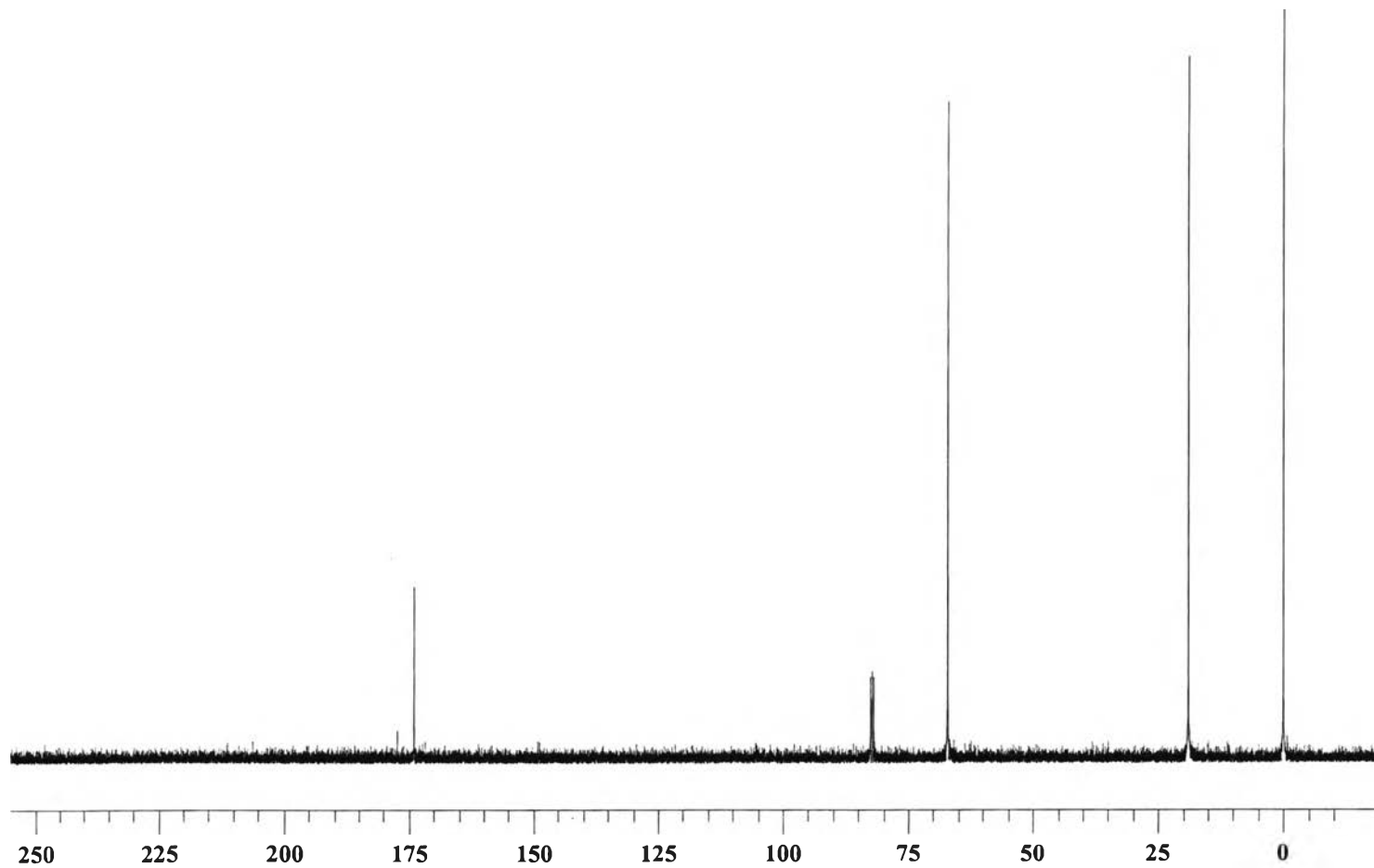


Figure A.30 ^{13}C -NMR (CDCl_3) Spectrum of ethyl iodoacetate



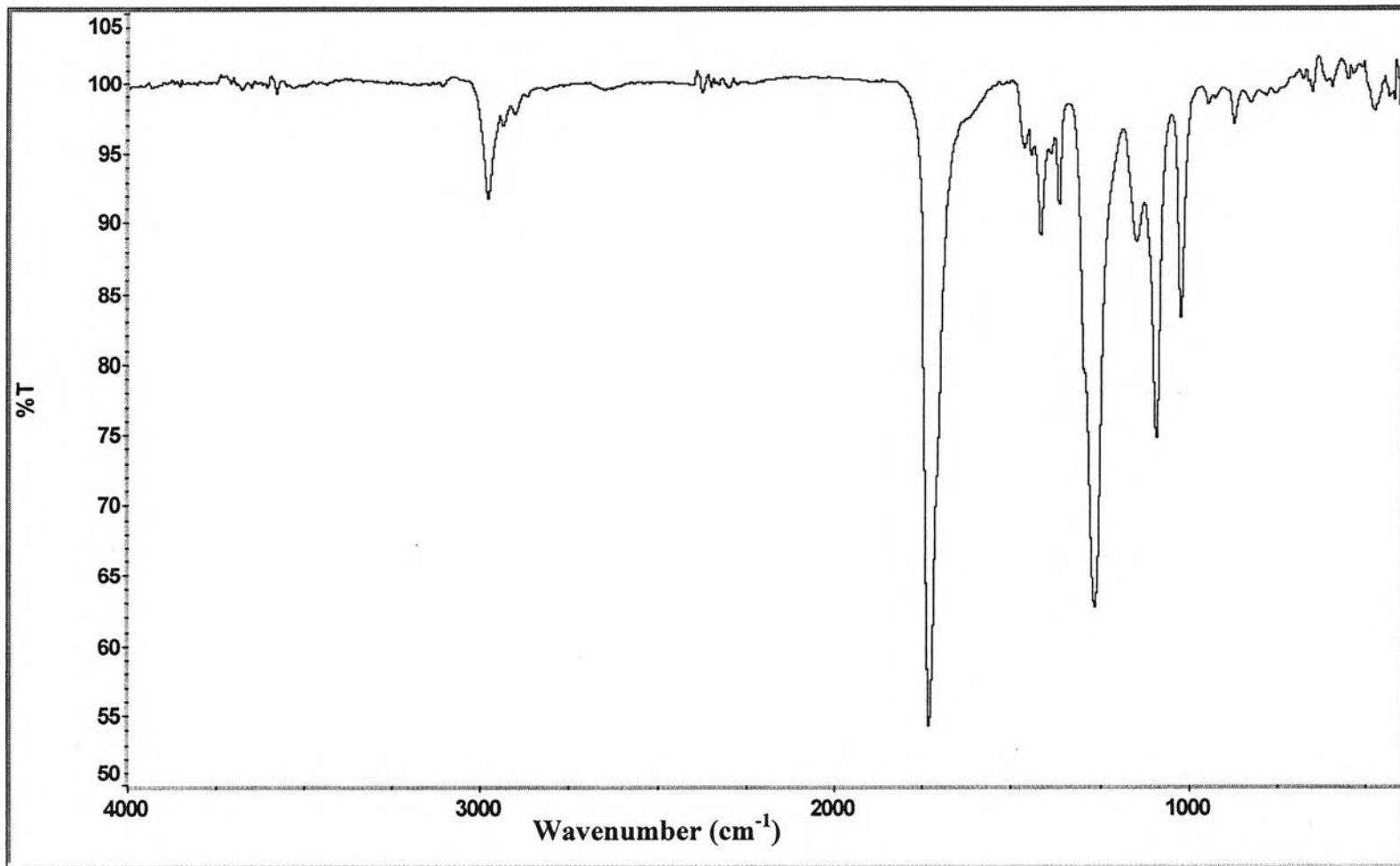


Figure A.31 IR (neat) Spectrum of ethyl iodoacetate

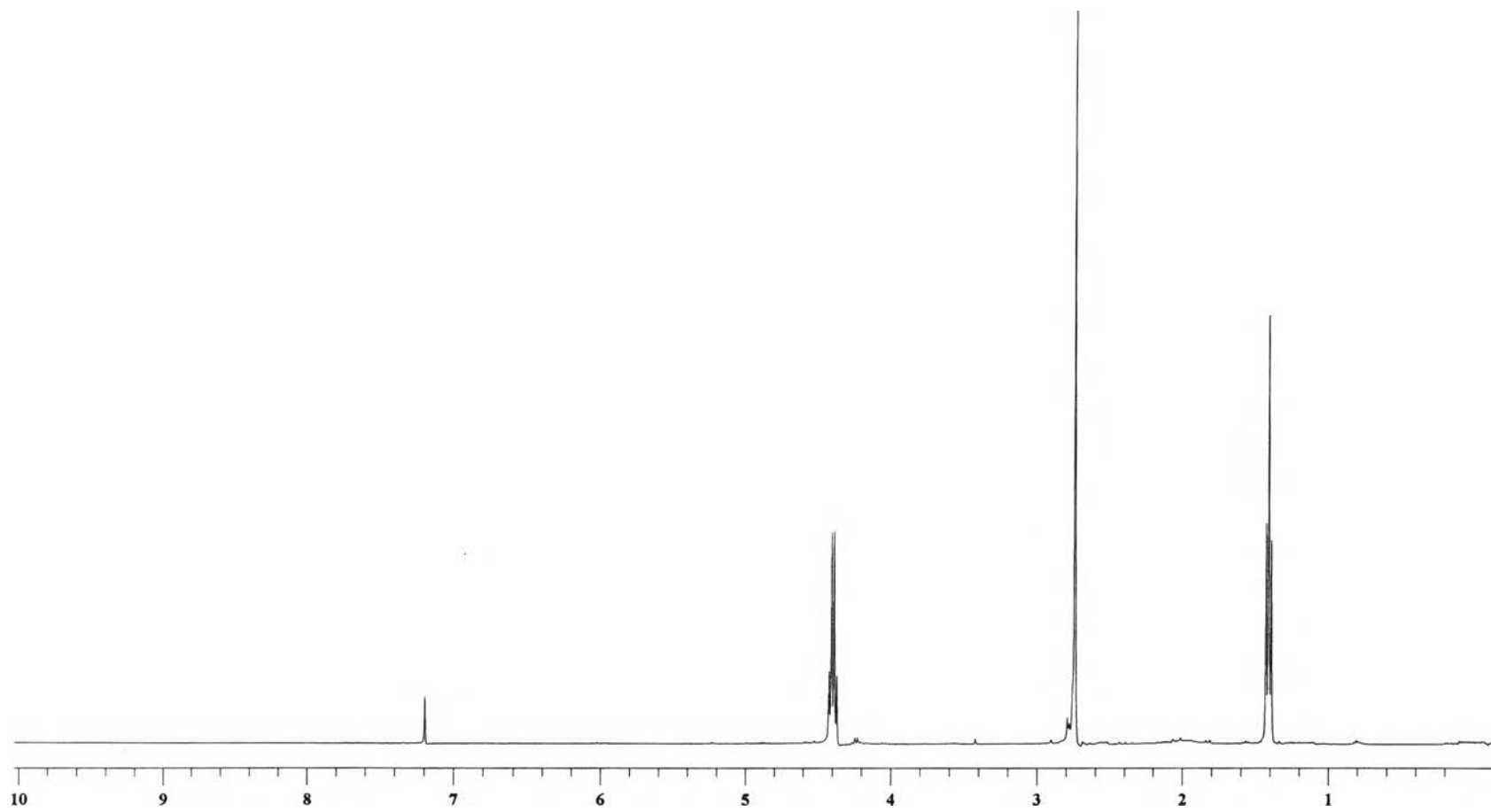


Figure A.32 $^1\text{H-NMR}$ (CDCl_3) Spectrum of trifuranyl triester derivative 71

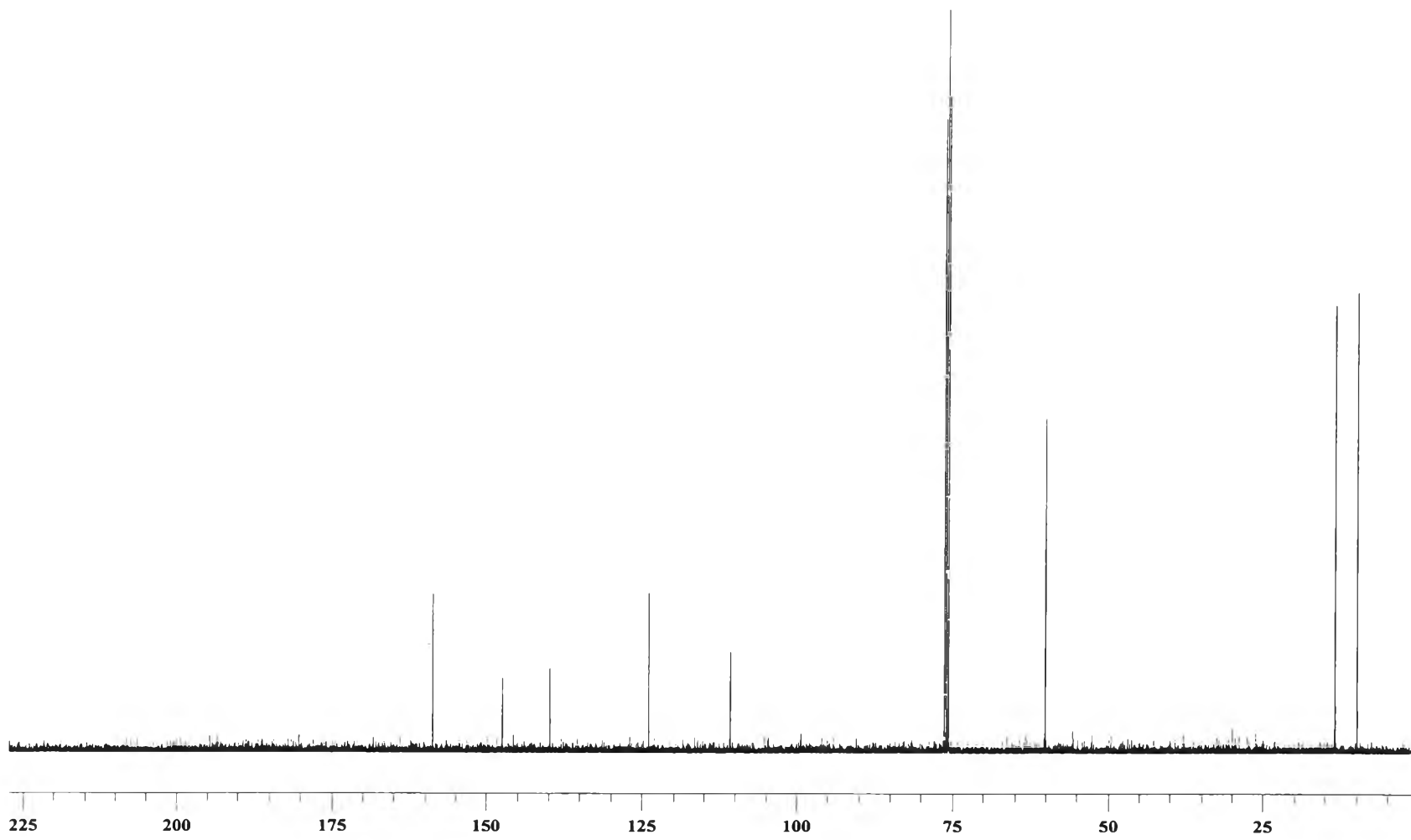


Figure A.33 ^{13}C -NMR (CDCl_3) Spectrum of trifuranyl triester derivative 71

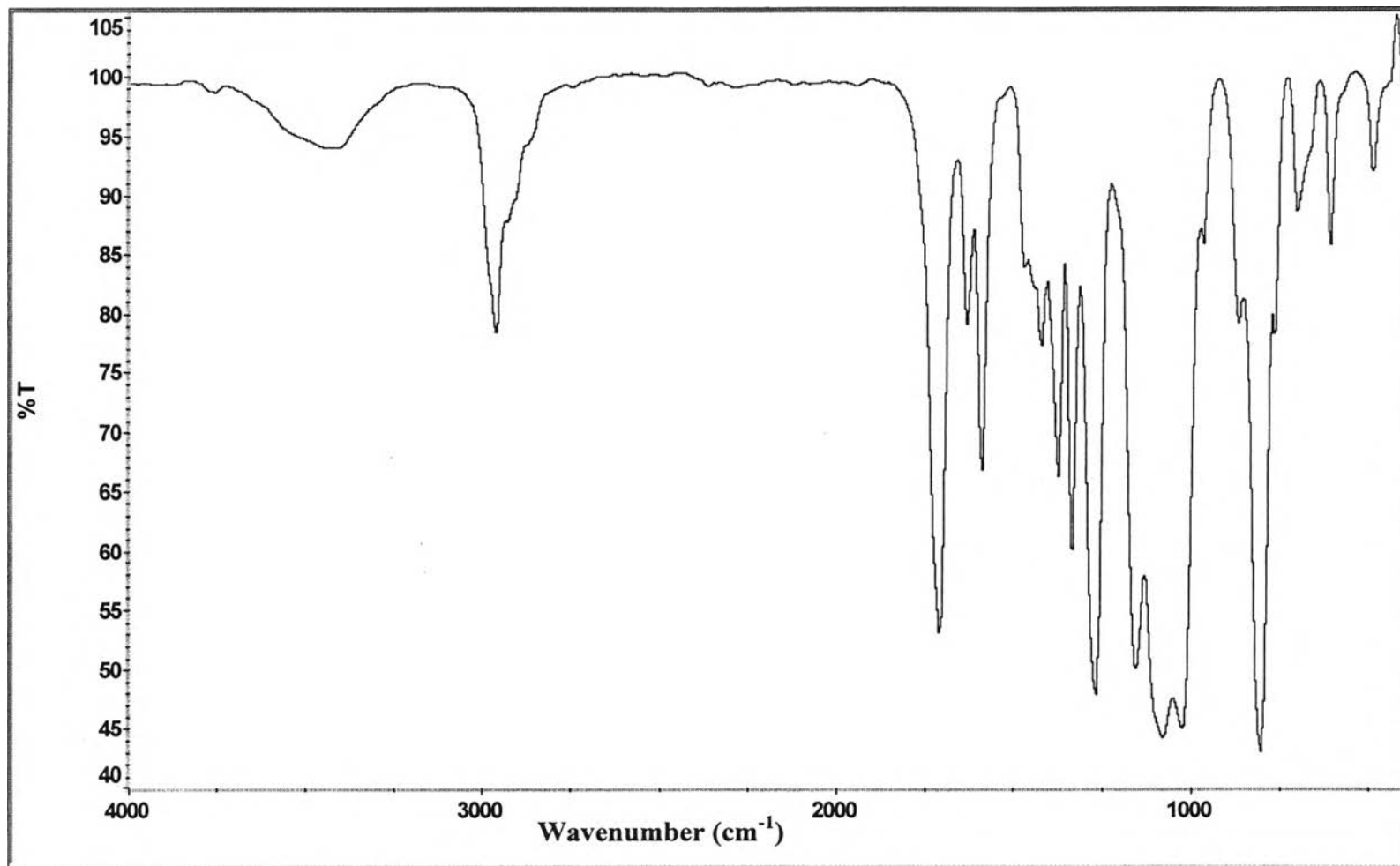


Figure A.34 IR (KBr) Spectrum of trifuranyl triester derivative 71

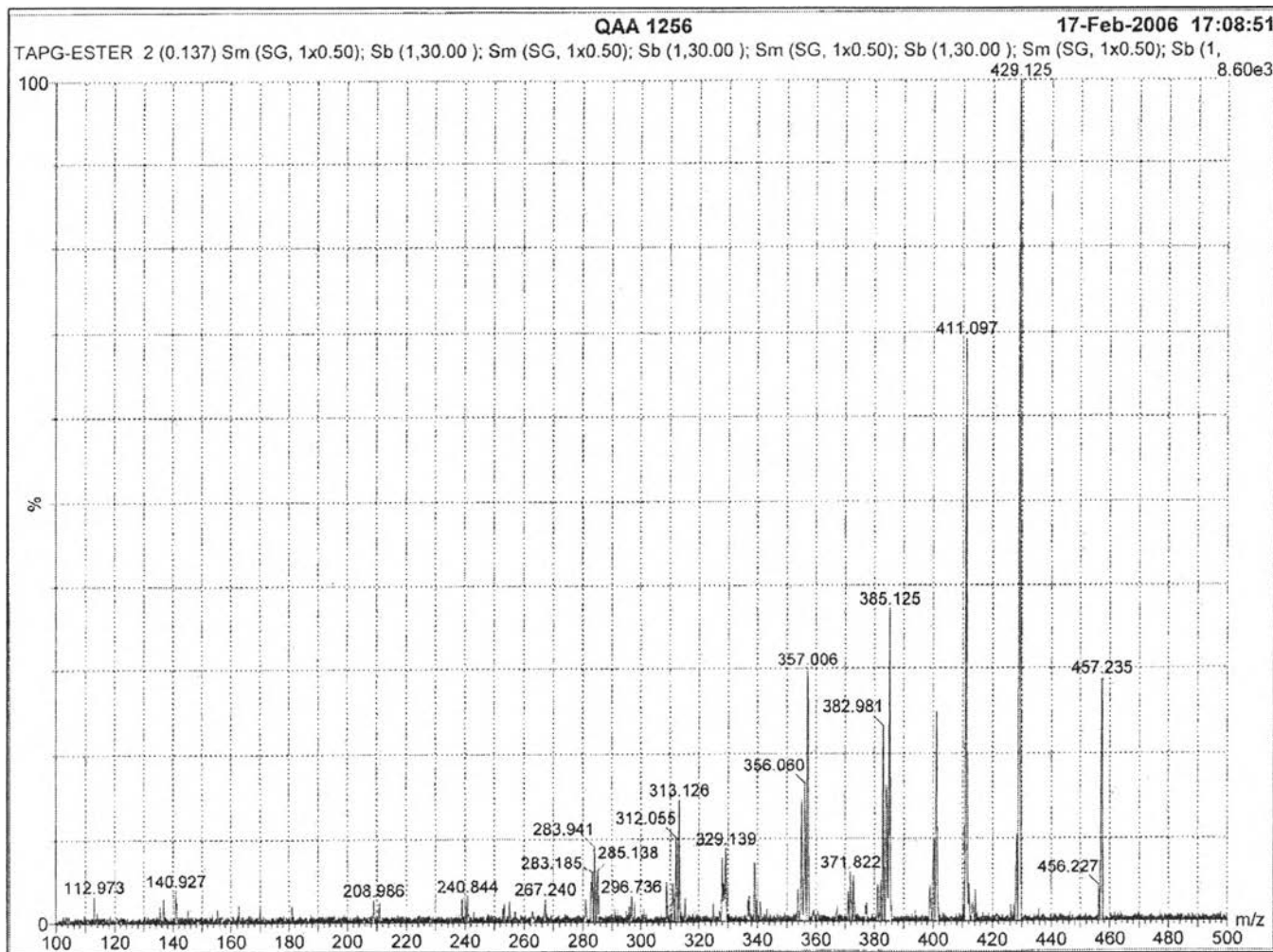


Figure A.35 Mass Spectrum of trifuranyl triester derivative 71

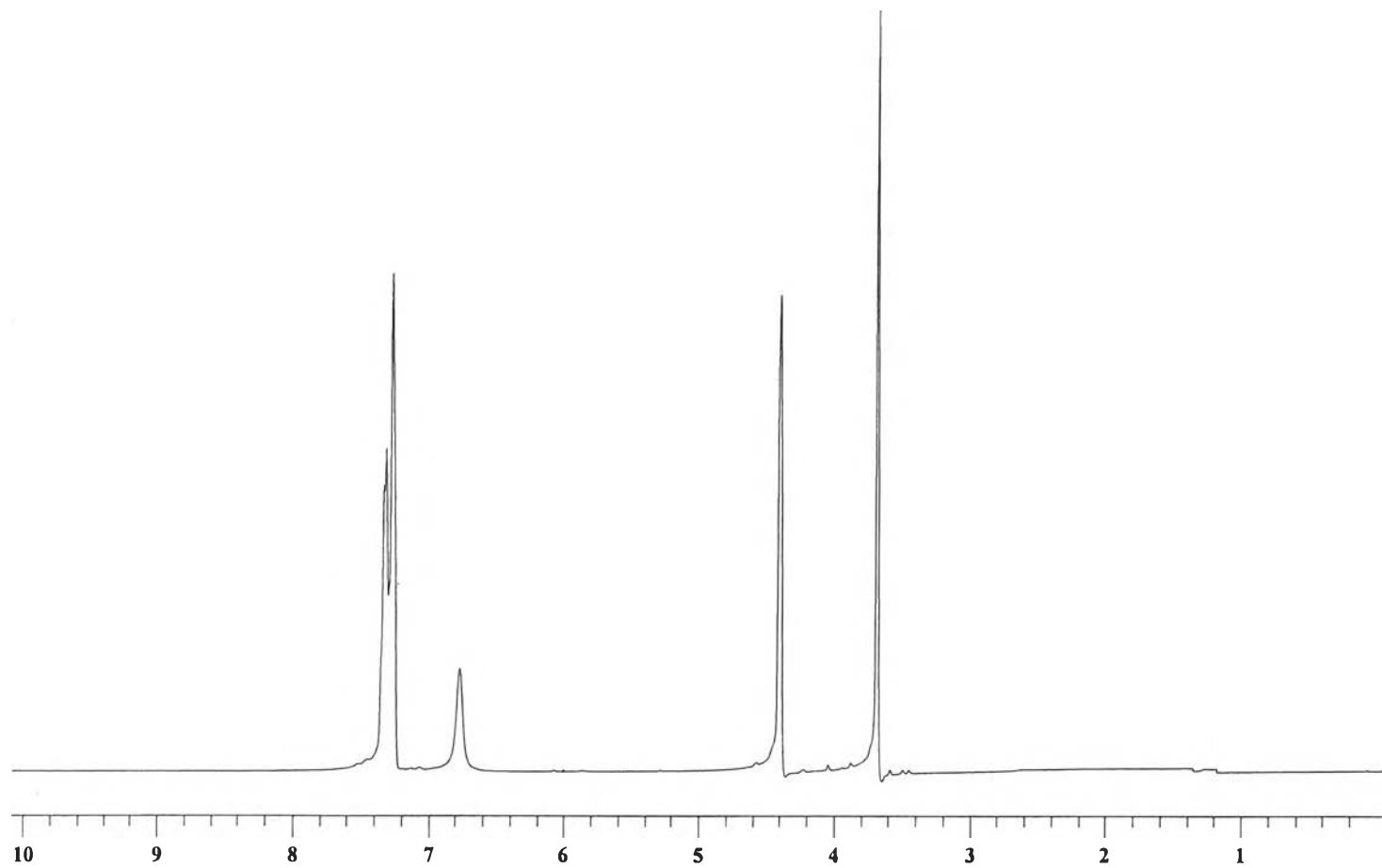


Figure A.36 $^1\text{H-NMR}$ (CDCl_3) Spectrum of *N*-Benzyl Iodoacetamide

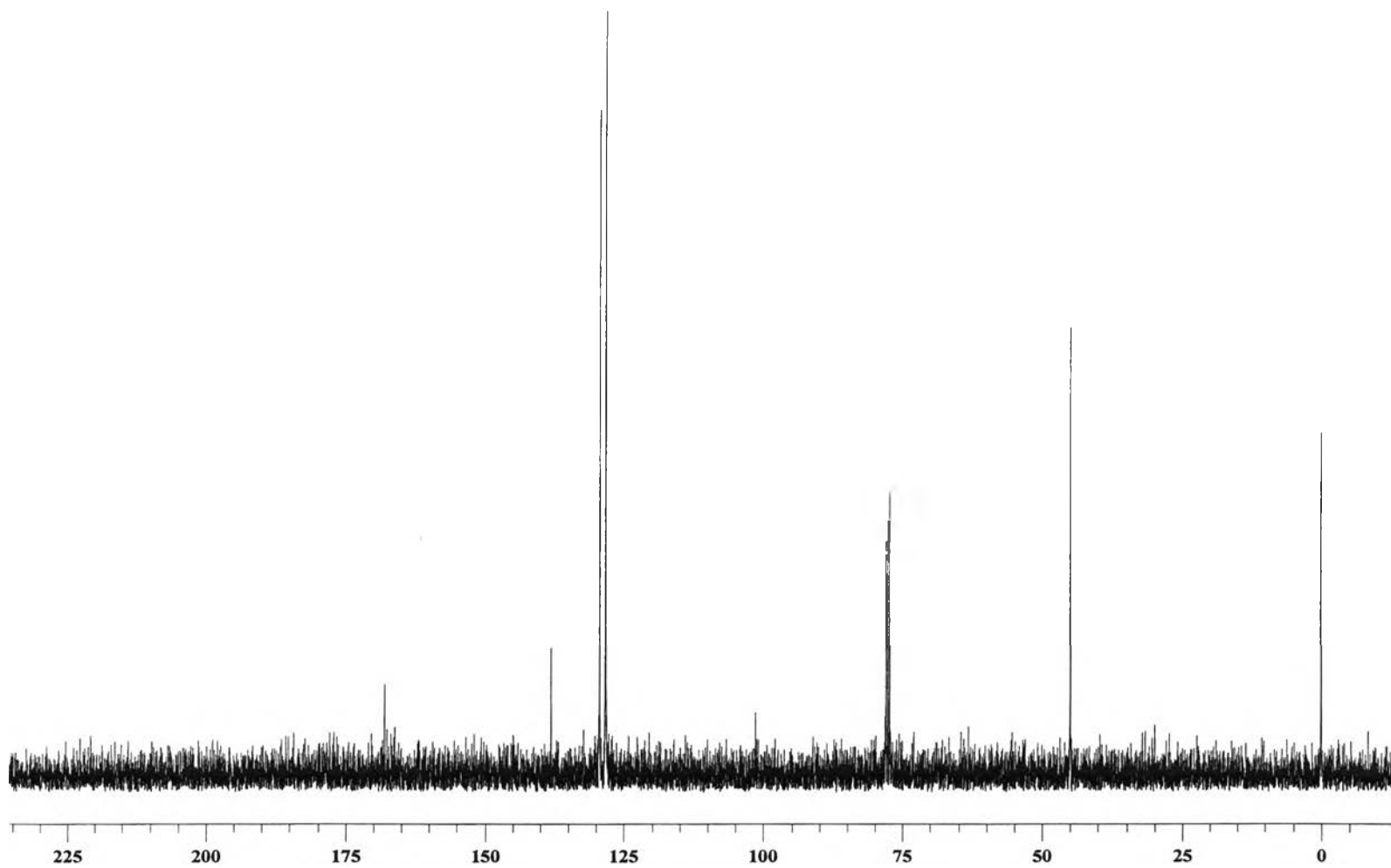


Figure A.37 ^{13}C -NMR (CDCl_3) Spectrum of *N*-Benzyl Iodoacetamide

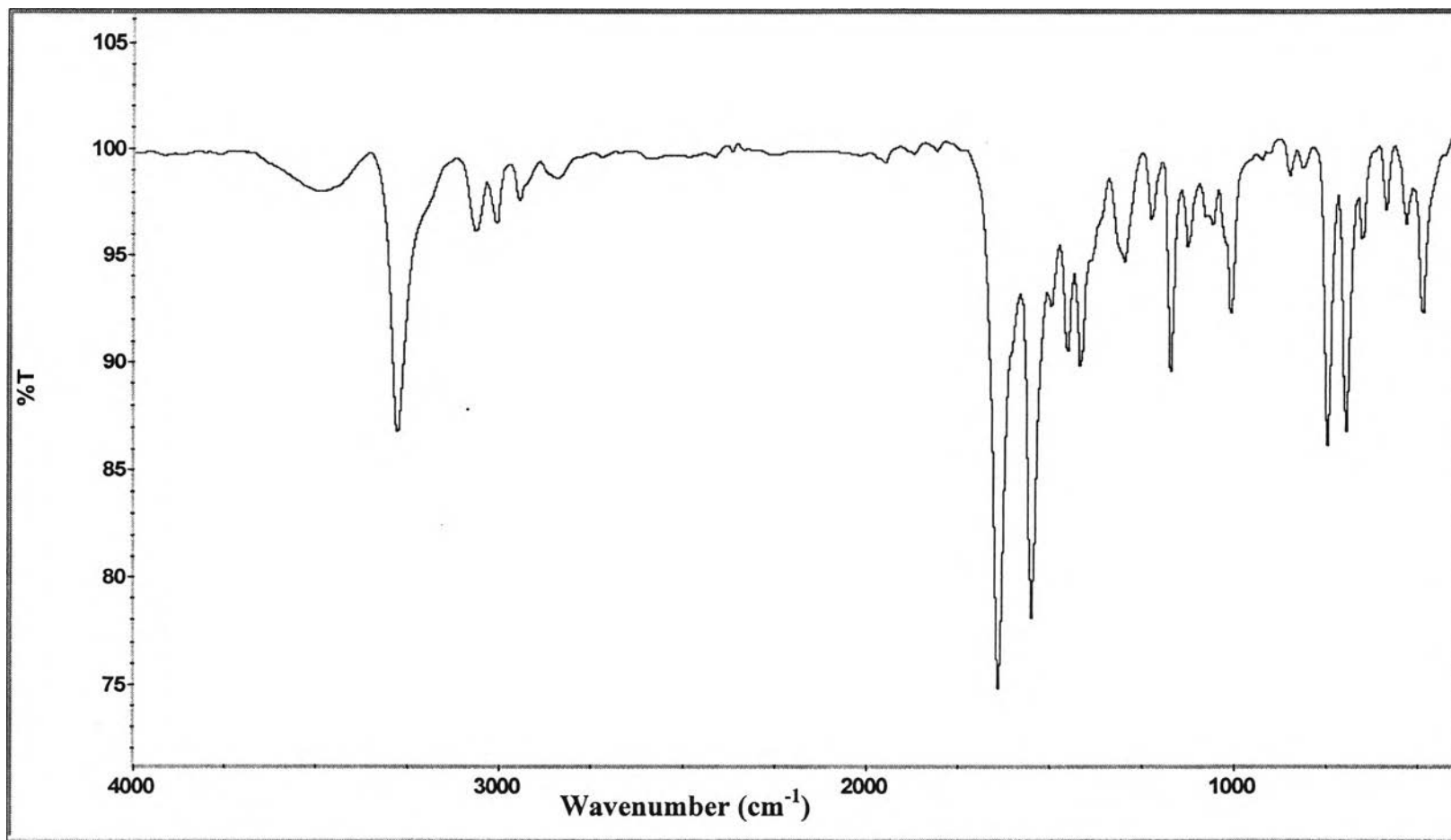


Figure A.38 IR (KBr) Spectrum of *N*-Benzyl Iodoacetamide

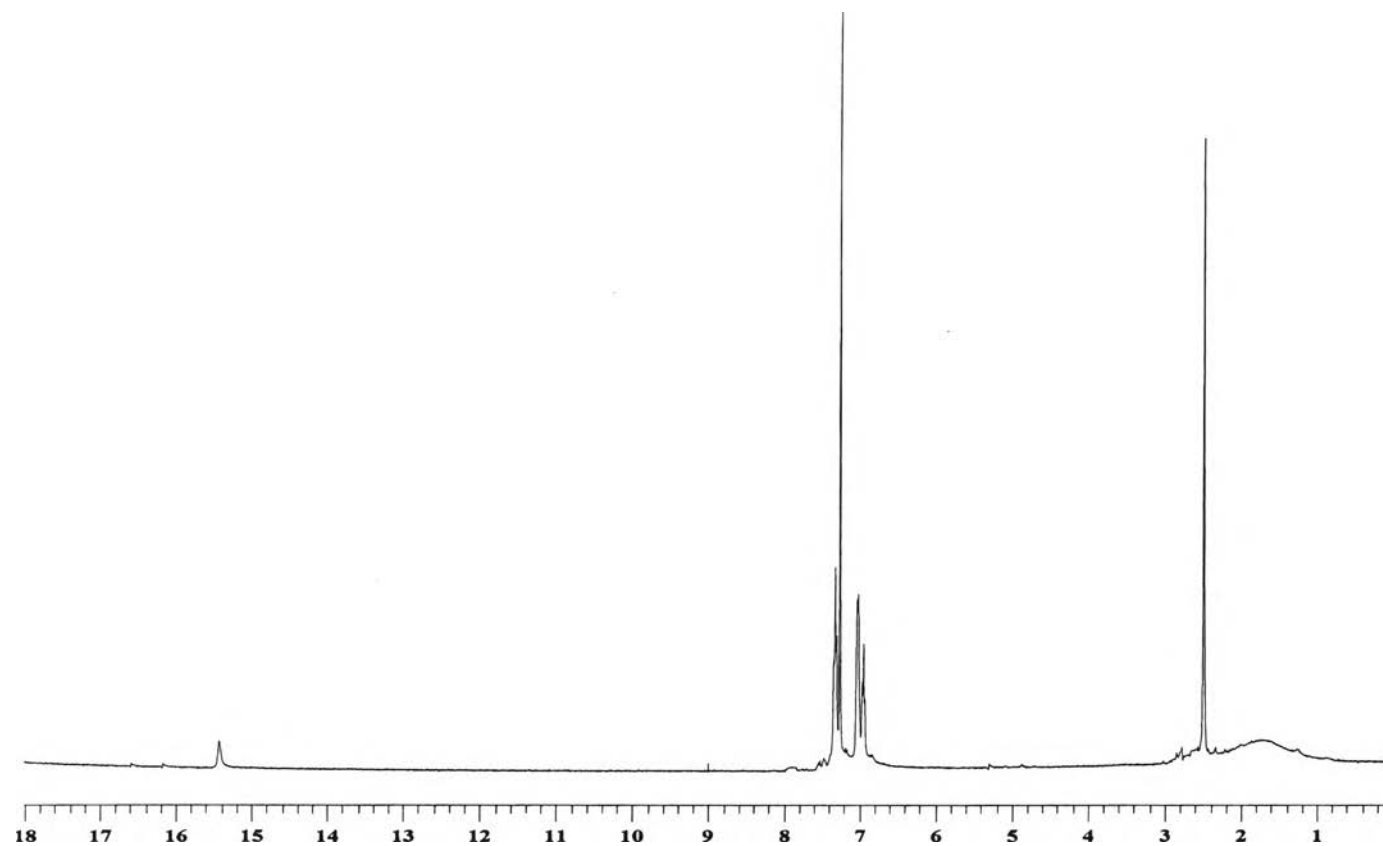


Figure A.39 $^1\text{H-NMR}$ (CDCl_3) Spectrum of 1,3,5-tris(2-[(1-phenylhydrazono)ethyl])-2,4,6-trihydroxybenzene **72**

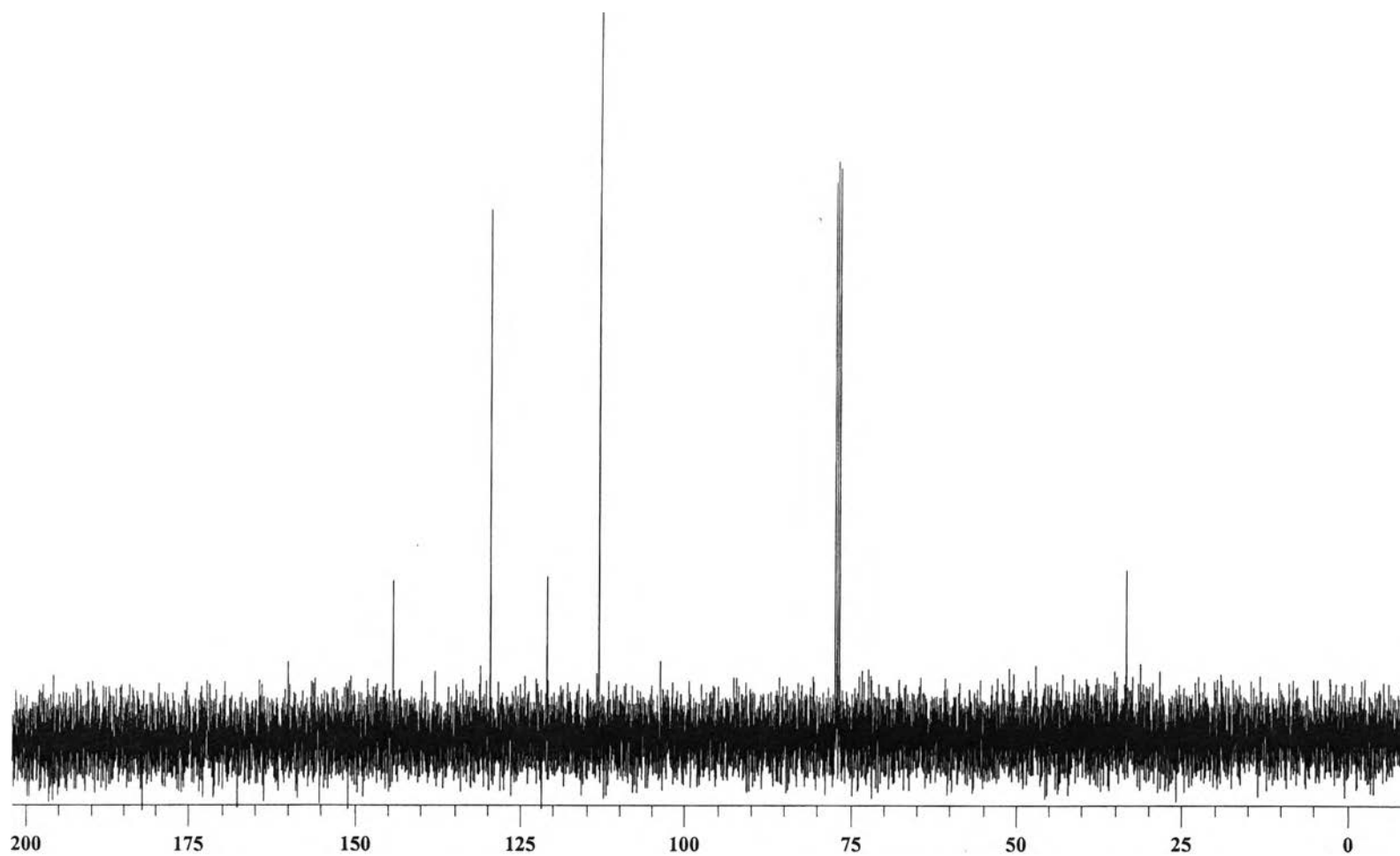


Figure A.40 ^{13}C -NMR (CDCl_3) Spectrum of 1,3,5-tris(2-[(1-phenylhydrazono)ethyl])-2,4,6-trihydroxybenzene **72**

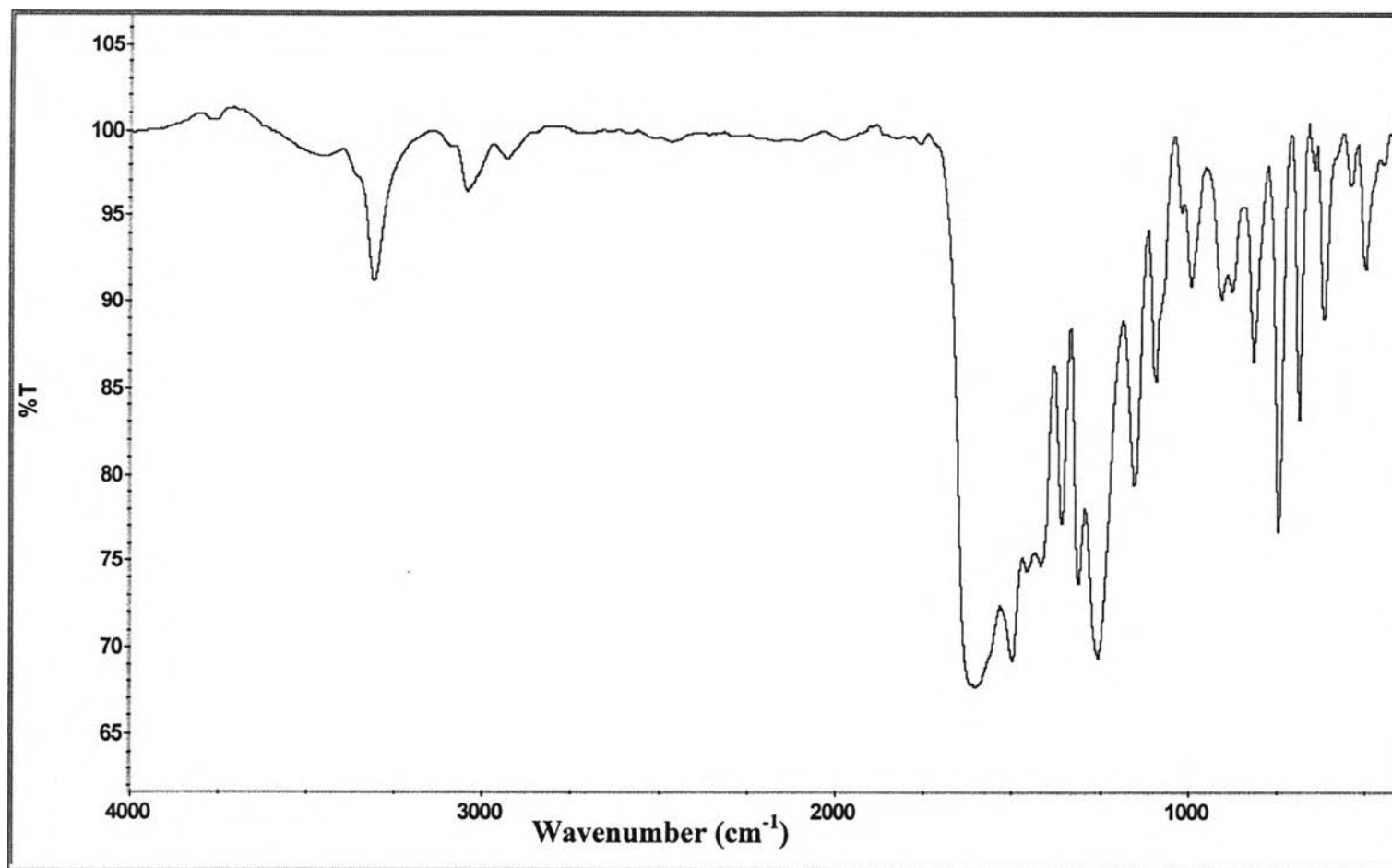


Figure A.41 IR (KBr) spectrum of 1,3,5-tris(2-[(1-phenylhydrazono)ethyl])-2,4,6-trihydroxybenzene 72

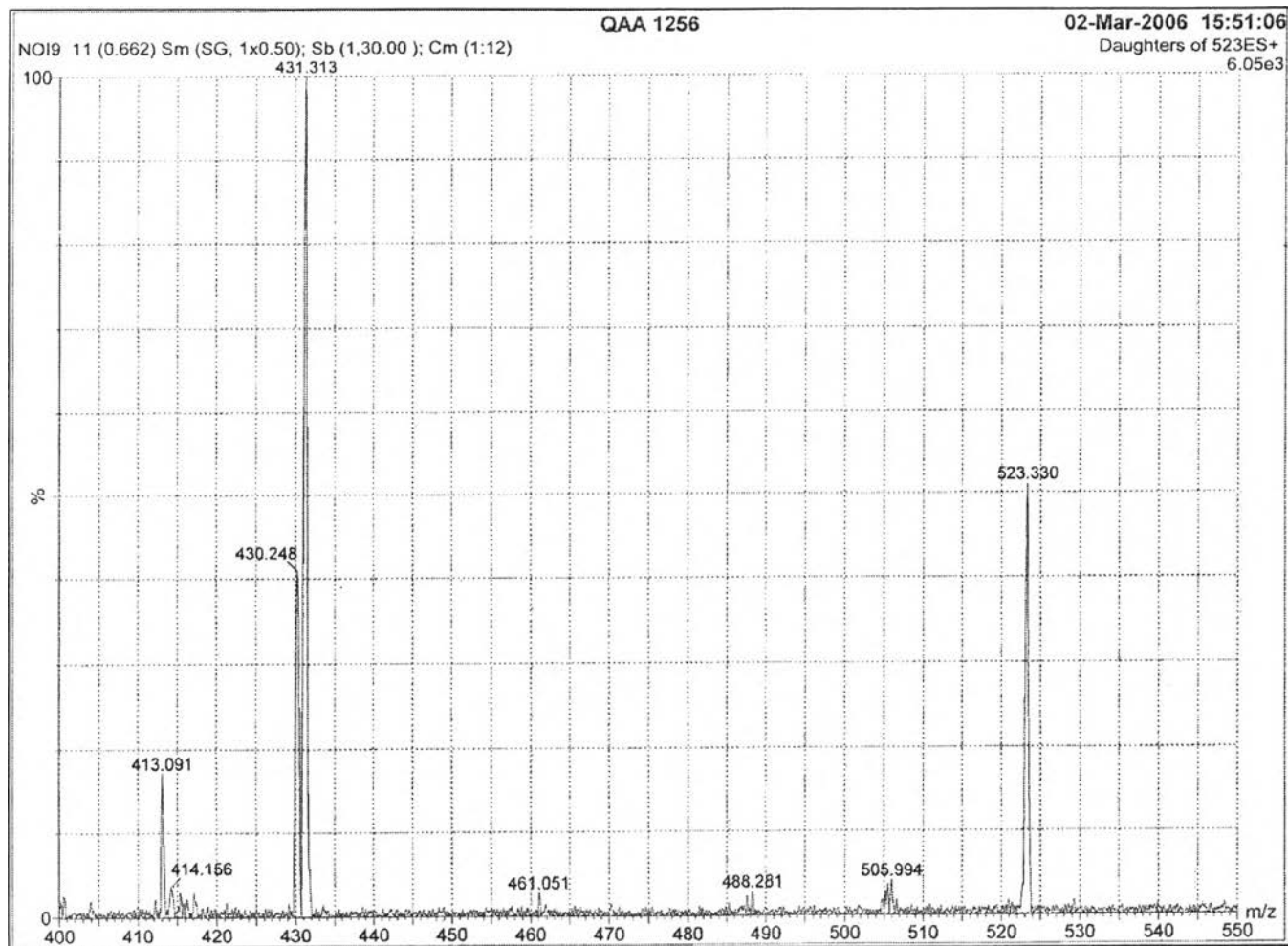


Figure A.42 Mass spectrum of 1,3,5-tris(2-[(1-phenyl-hydrazono)ethyl])-2,4,6-trihydroxybenzene 72



VITA

Miss Saowanaporn Choksakulporn was born on September 12, 1981 in Nakhon Phanom province. She got a Bachelor's Degree of Science in Chemistry from Khon Kaen University in 2003. Since then, she has been a graduate student studying Organic Chemistry at Chulalongkorn University. During the studies toward the Master's Degree, she was awarded The Development and Promotion of Science and Technology Talents Project (DPST) scholarship from Thai Government during 2003-2006 and was supported by a research grant from the Graduate School, Chulalongkorn University.

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