

Chapter 8: Appendix A- ^1H NMR and ^{13}C NMR of isolated compounds from *Terminalia sericea*

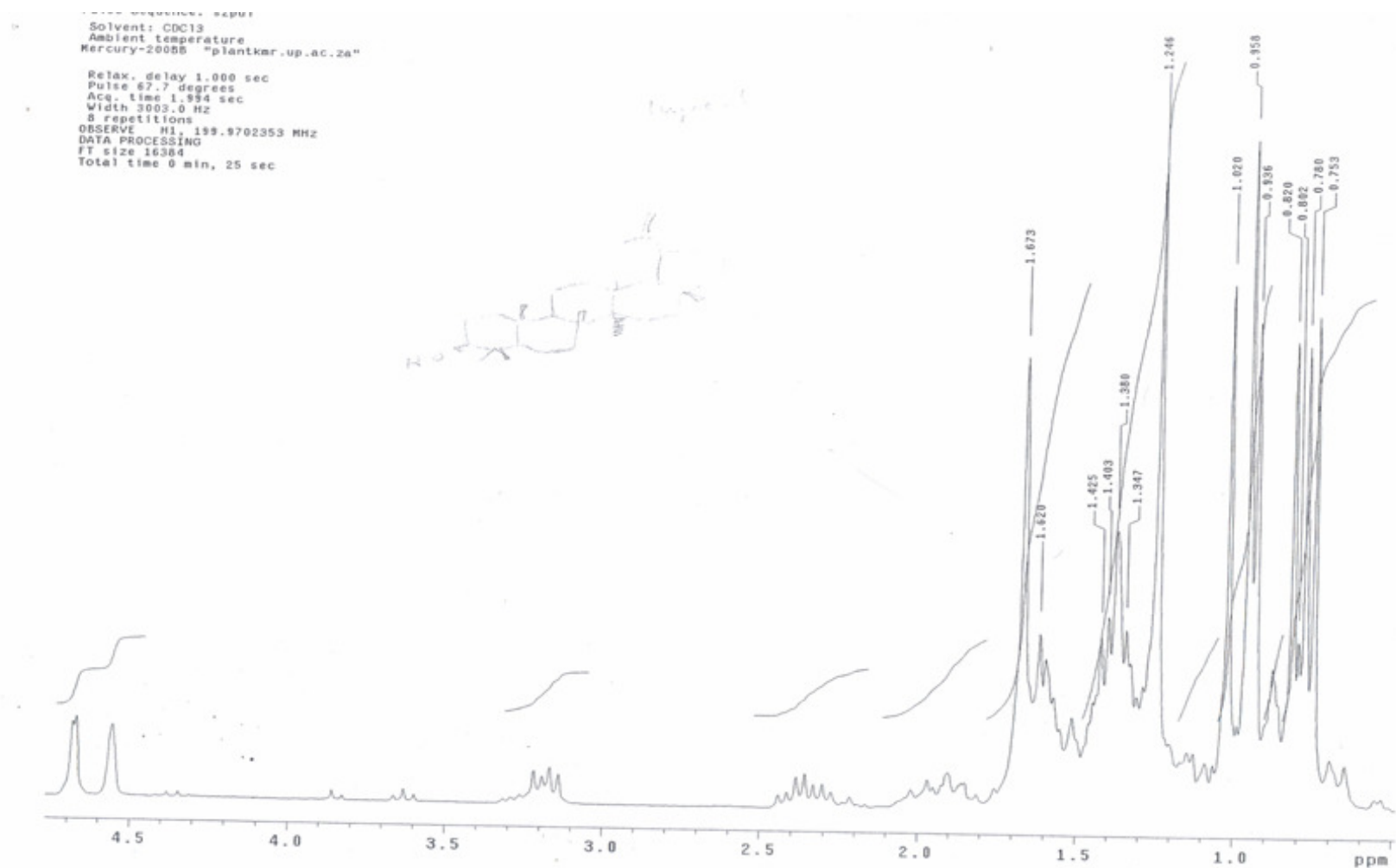


Figure 8.1: ^1H NMR spectrum of 'lupeol' isolated from the acetone extract of *Terminalia sericea*

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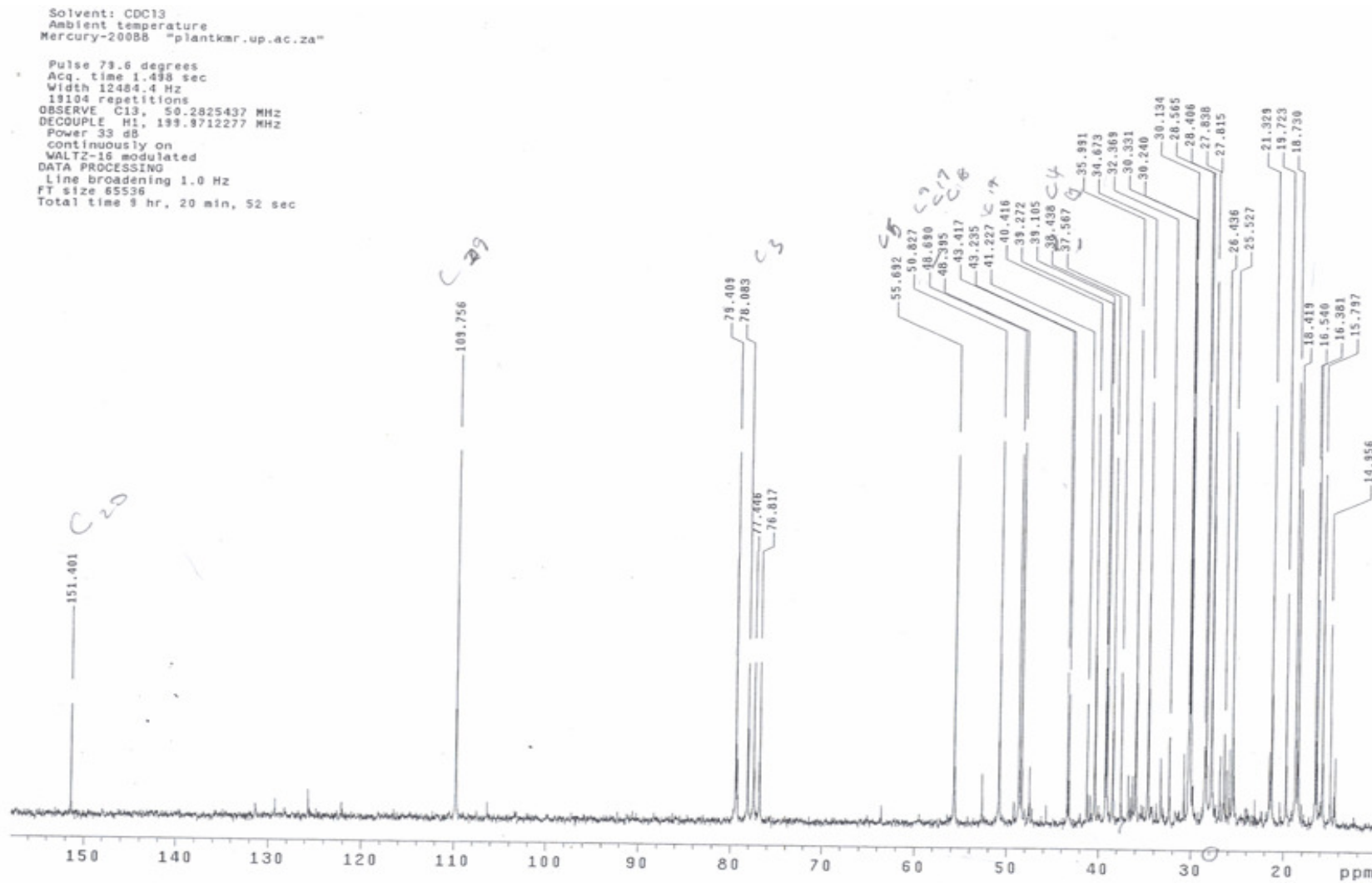


Figure 8.2: ¹³CNMR of 'lupeol' isolated from the acetone extract of *Terminalia sericea*

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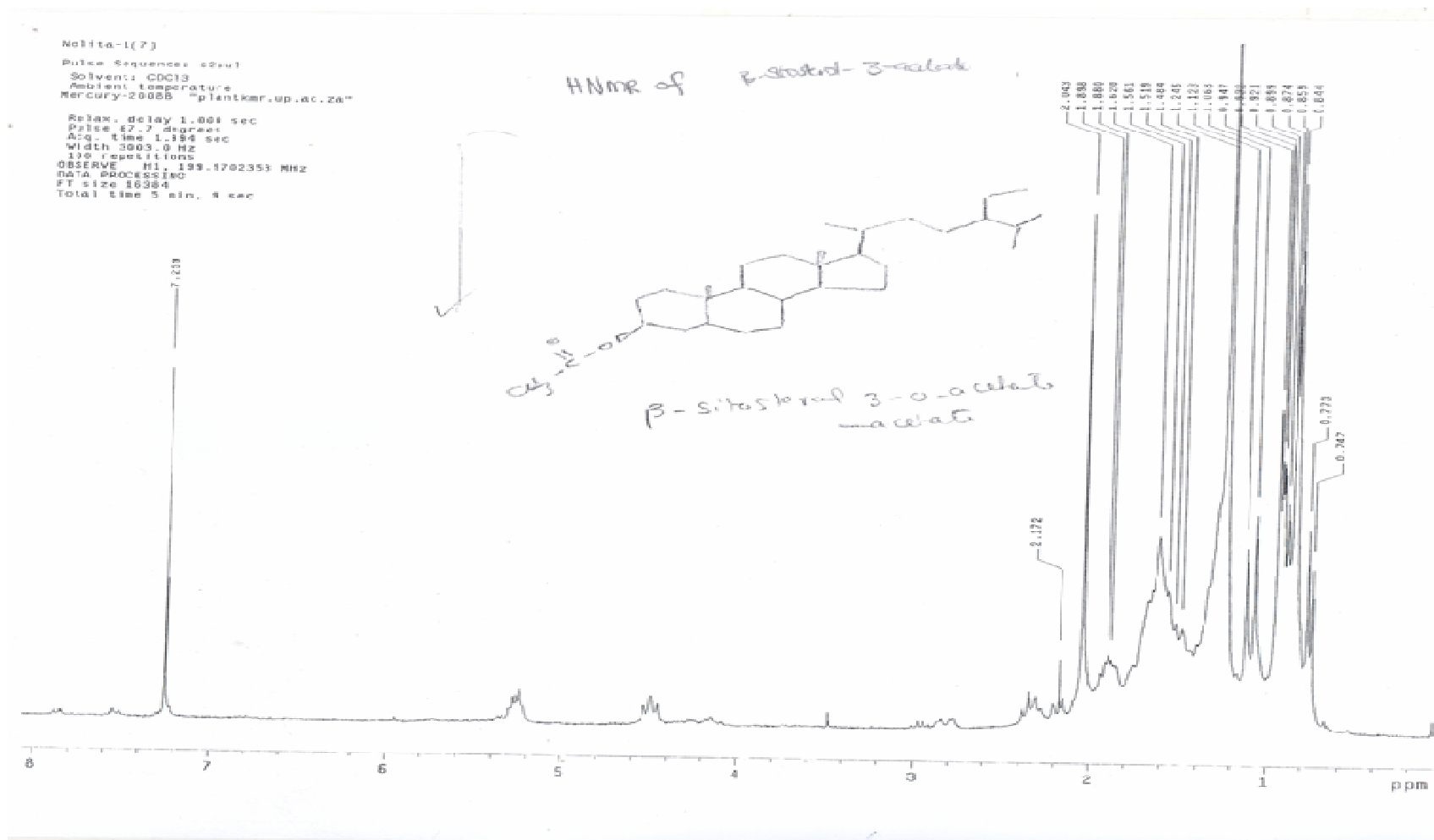


Figure 8.3: ¹HNMR spectrum of ' β -sitosterol-3-acetate' isolated from the acetone extract of *Terminalia sericea*

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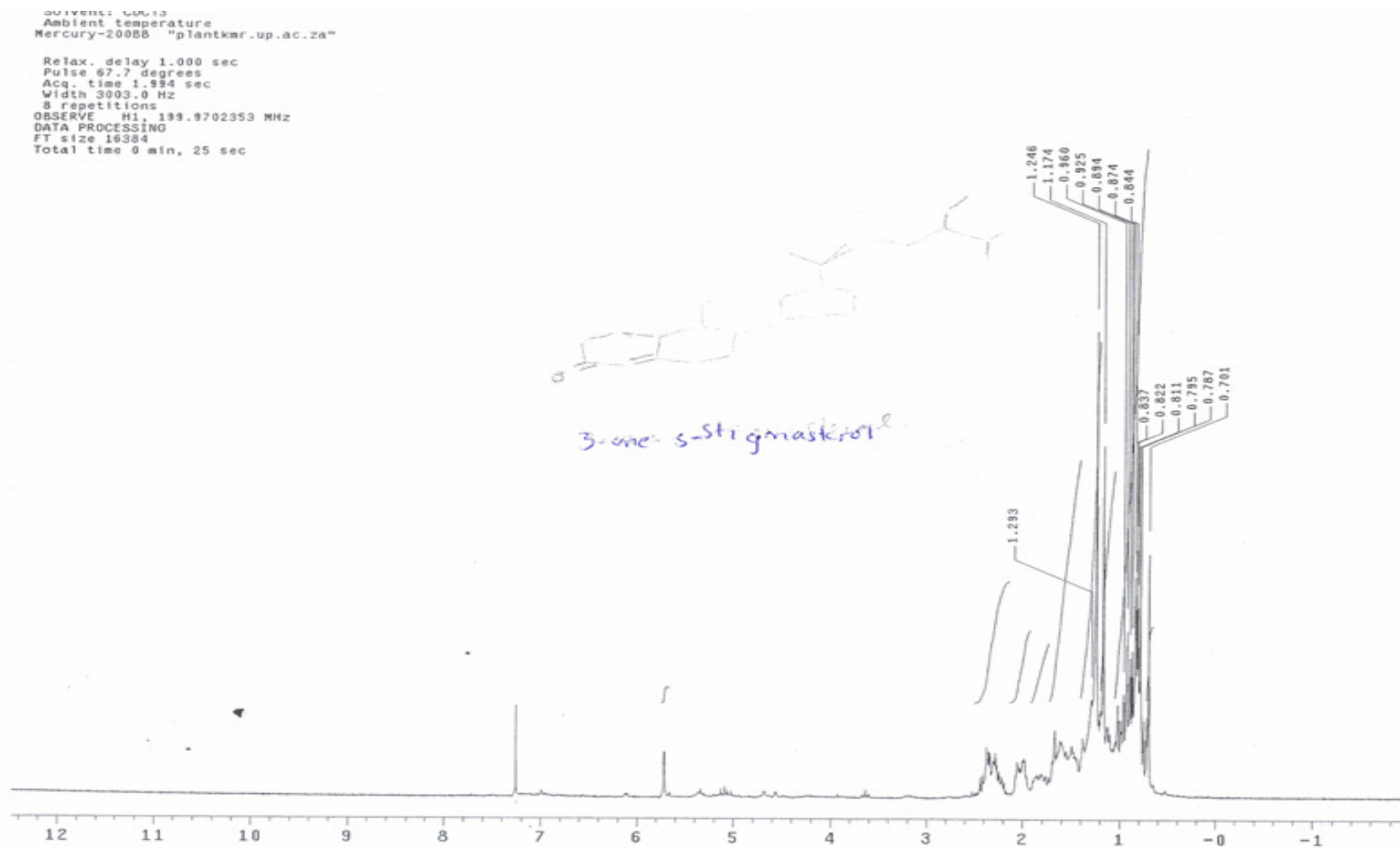


Figure 8.4: ^1H NMR spectrum of '3-one-stigmasterol' isolated from the acetone extract of *Terminalia sericea*

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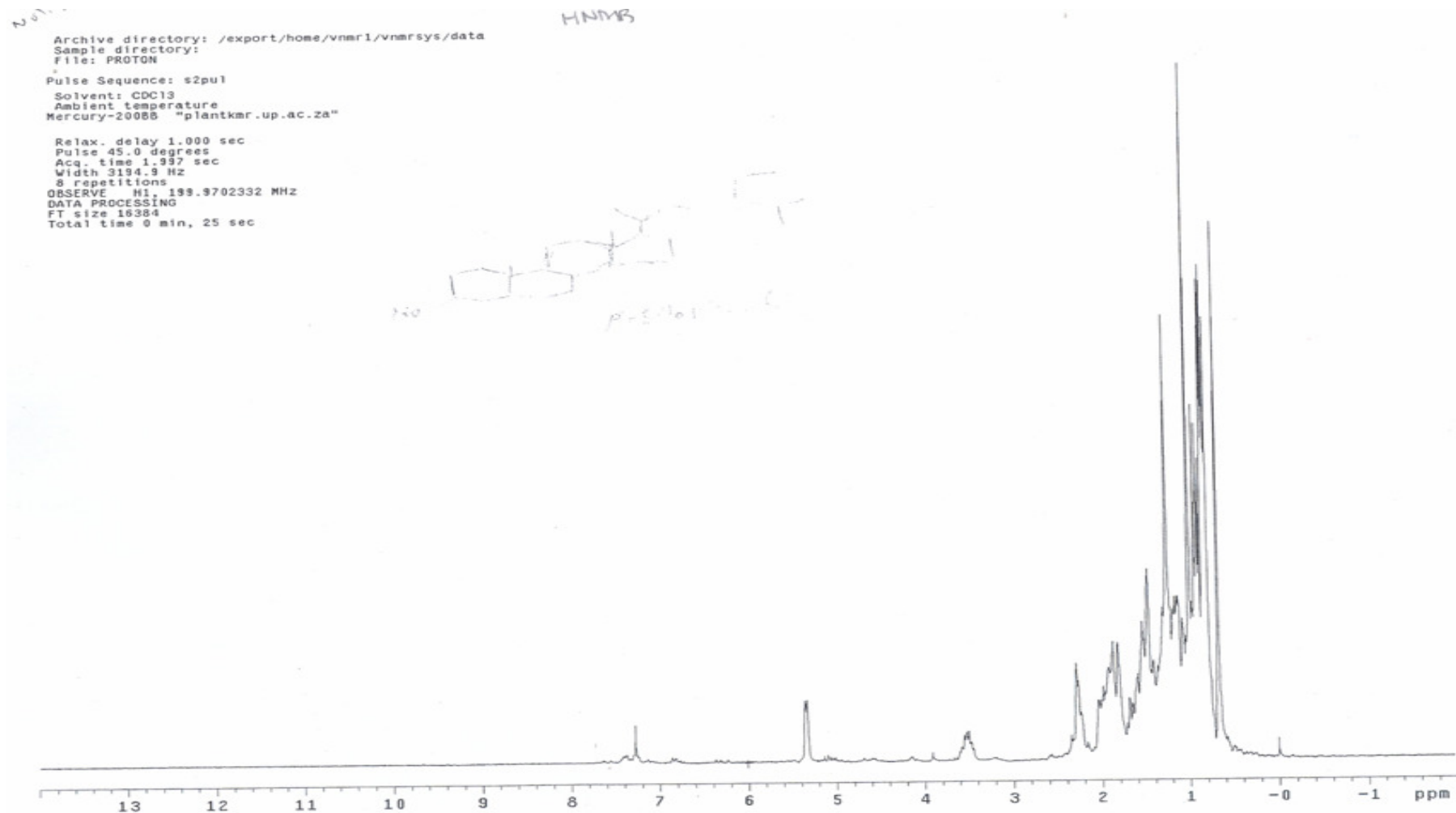


Figure 8.5: ^1H NMR spectrum of ' β -sitosterol' isolated from the acetone extract of *Terminalia sericea*

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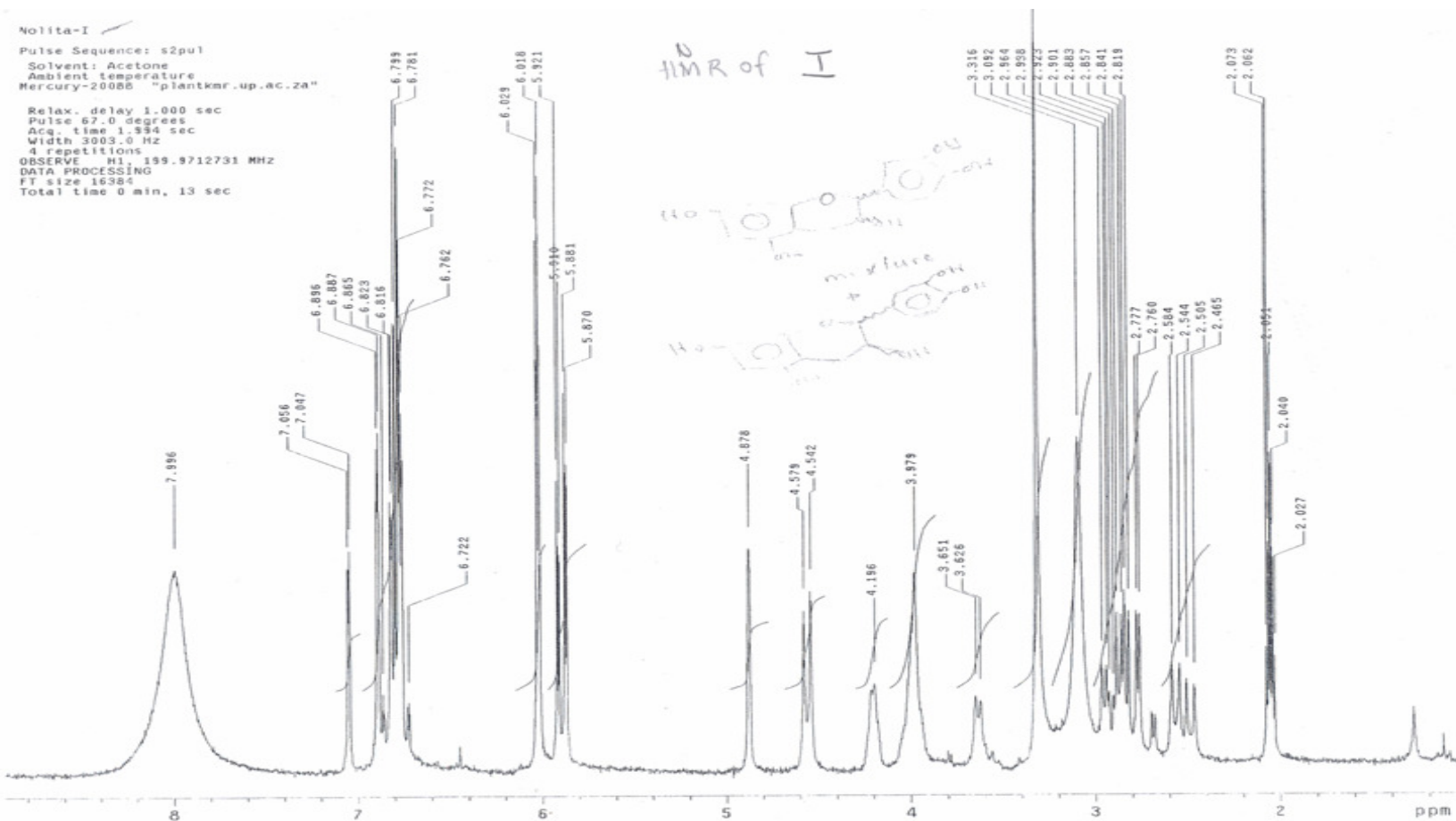


Figure 8.6: ^1H NMR spectrum of 'catechin-epicatechin' isolated from the acetone extract of *Terminalia sericea*

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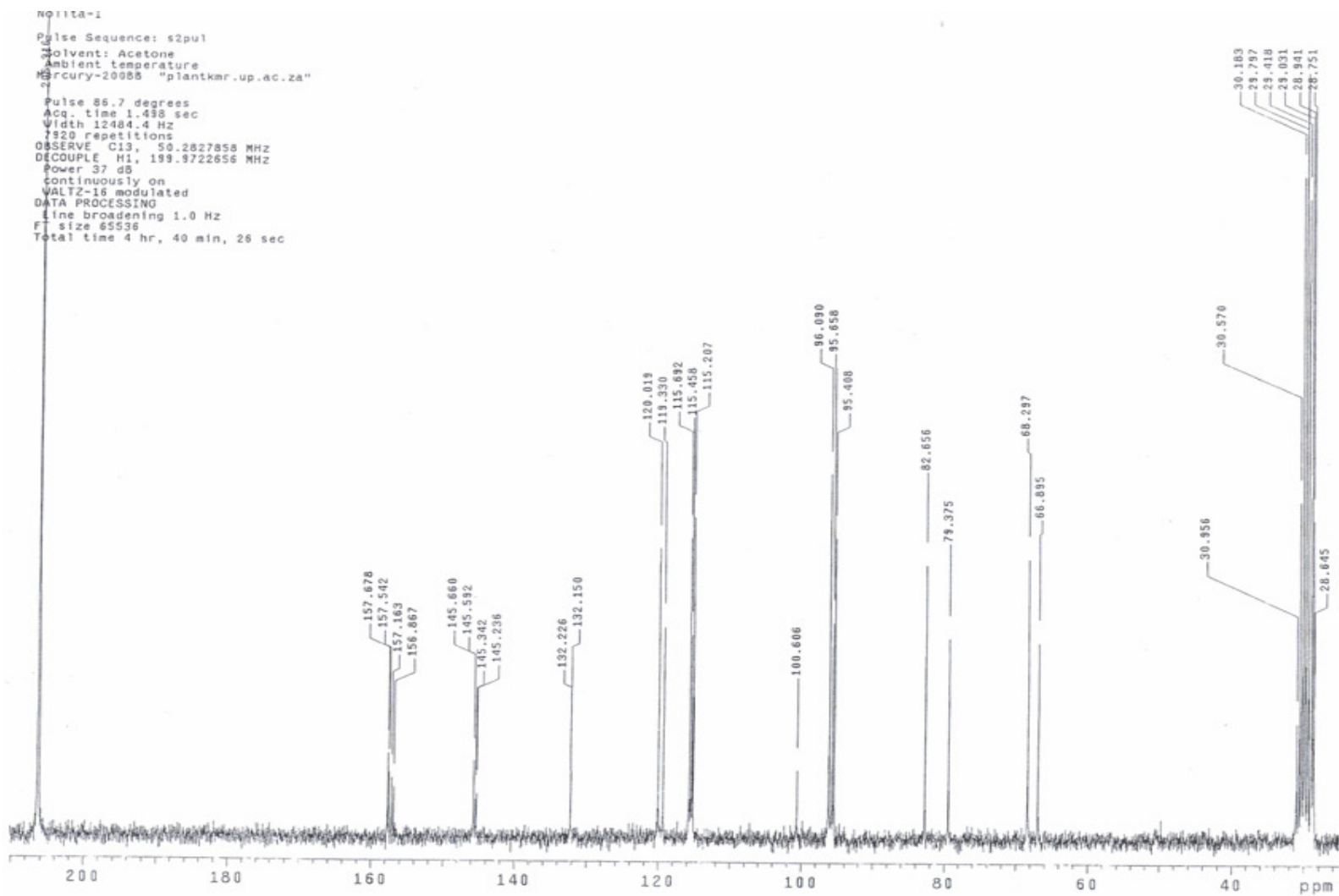


Figure 8.7: ¹³CNMR of ‘catechin-epicatechin’ isolated from the acetone extract of *Terminalia sericea*

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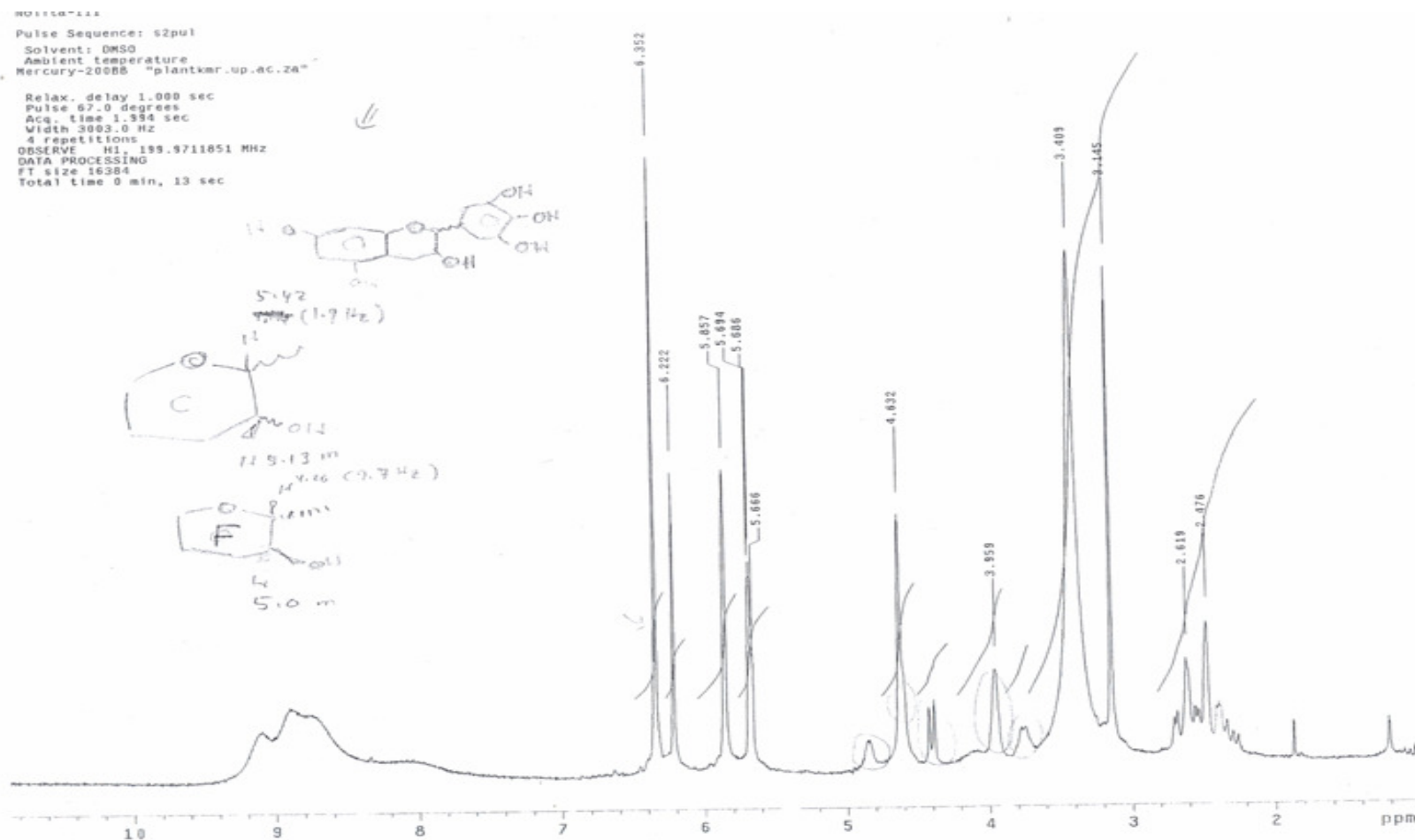


Figure 8.8: ¹HNMR spectrum of 'gallocatechin-epigallocatechin' isolated from the acetone extract of *Terminalia sericea*

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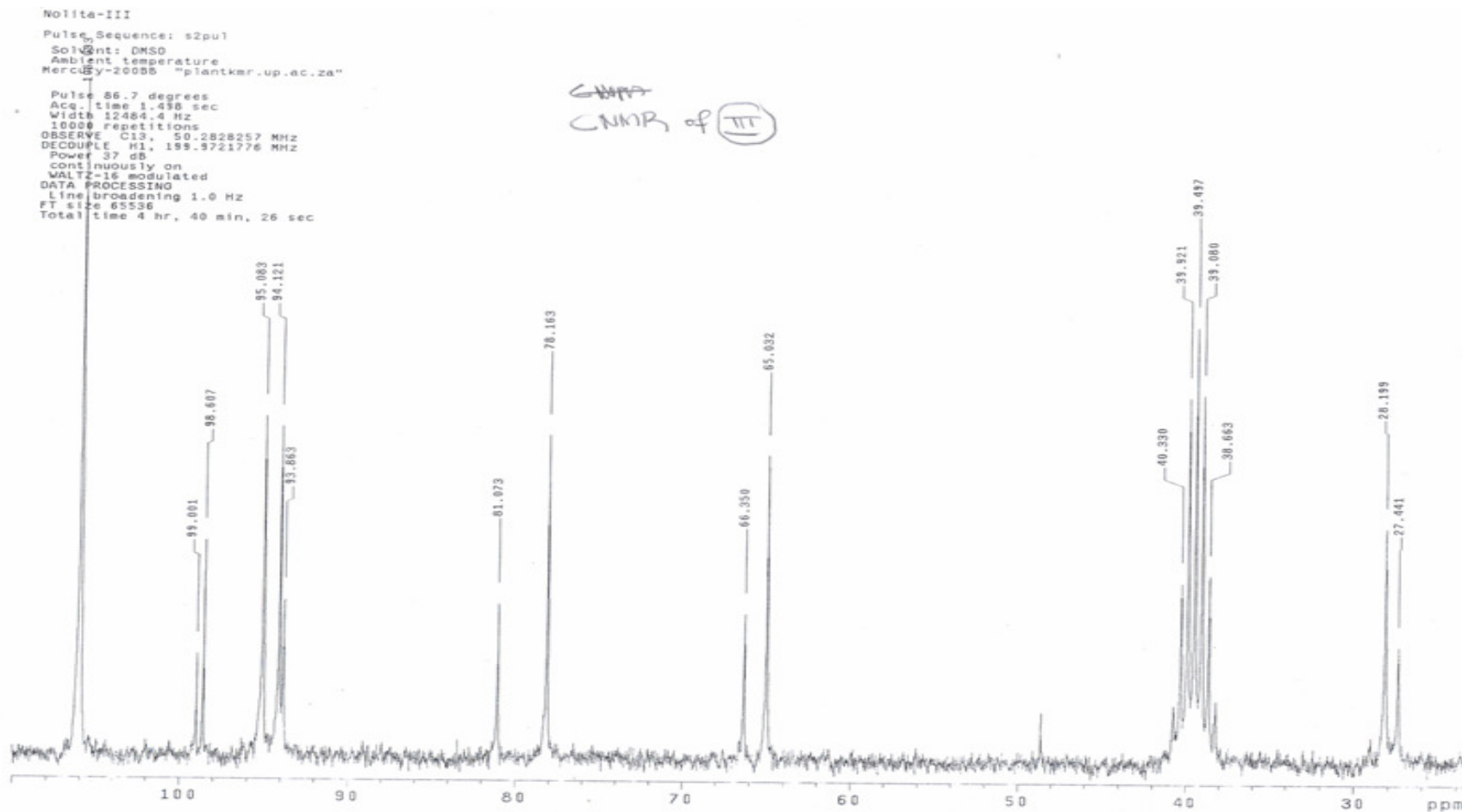


Figure 8.9: ¹³CNMR of 'gallocatechin-epigallocatechin' isolated from the acetone extract of *Terminalia sericea*

8.3 Publications and conference presentations resulting from this thesis

8.3.1 Publications

Article in preparation

Antidiabetic activity of pentacyclic triterpenes and flavonoids isolated from stem bark of *Terminalia sericea* Burch.Ex DC, N Nkobole, N Lall, PJ Houghton and AA Hussein

8.3.2 Conference presentations

National

Post-graduate Symposium (2008) University of Pretoria (oral presentation), N Nkobole, N Lall, PJ Houghton and AA Hussein. HYPOGLYCAEMIC COMPOUNDS FROM *TERMINALIA SERICEA* BURCH. EX DC. (COMBRETACEAE)

SAAB conference (2009) University of Stellenbosch (oral presentation), N Nkobole, N Lall, PJ Houghton and AA Hussein. HYPOGLYCAEMIC COMPOUNDS FROM *TERMINALIA SERICEA* BURCH. EX DC. (COMBRETACEAE)