Supporting information

Determination of Total Sennosides and Sennosides A, B, and A_1 in Senna Leaflets, Pods, and Tablets by Two-dimensional qNMR

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The supporting information contains HSQC diagrams of sennosides A, B, and A_1 (Figures S1–S3), diagrams of HSQC experiments without decoupling of aloin (Figure S4) and senna pod solid phase extract (Figure S5), HSQC overlay of sennosides A, B, and A_1 (Figures S6–S7), chromatograms of senna pod etracts before (Figure S8) and after solid phase extraction (Figure S9) and an HSQC overlay of sennosides A, B, A_1, and aloin (Figure S10).

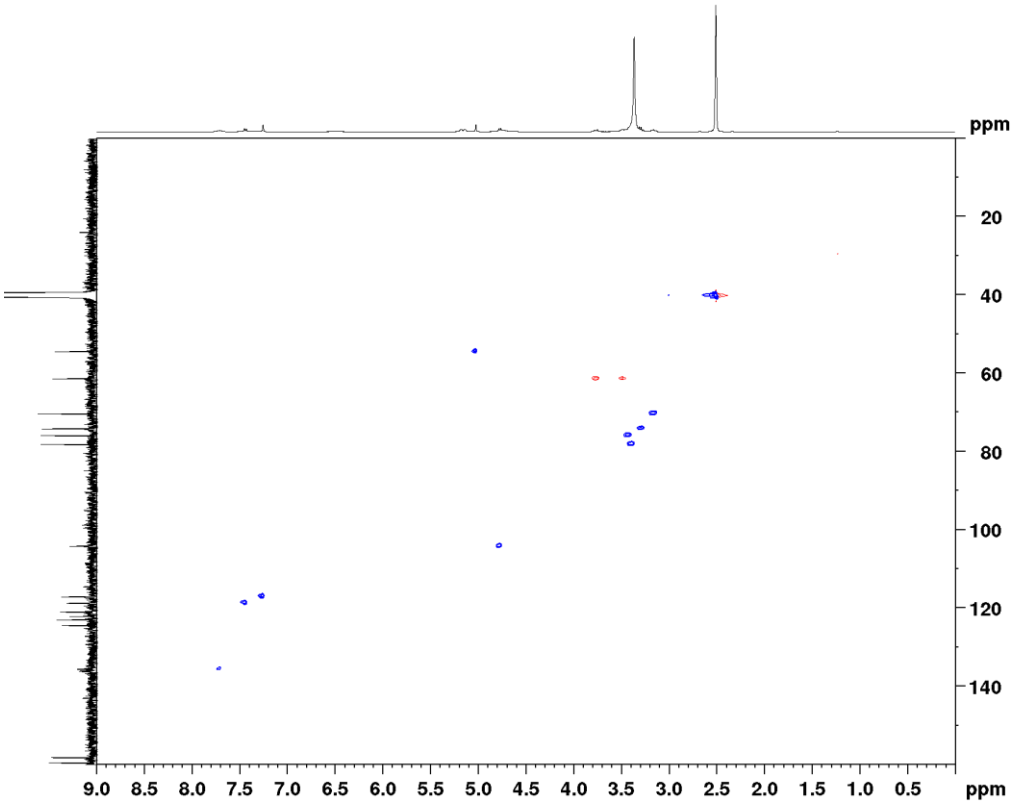

Figure S1: HSQC diagram of sennoside A.

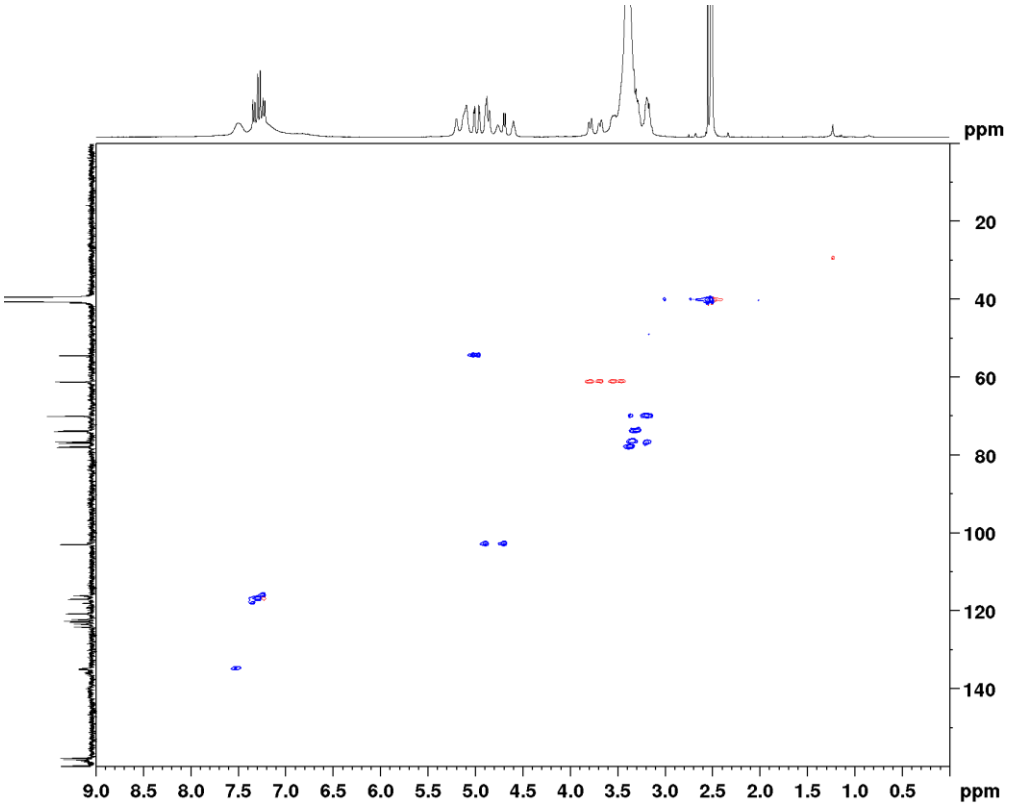

Figure S2: HSQC diagram of sennoside B.

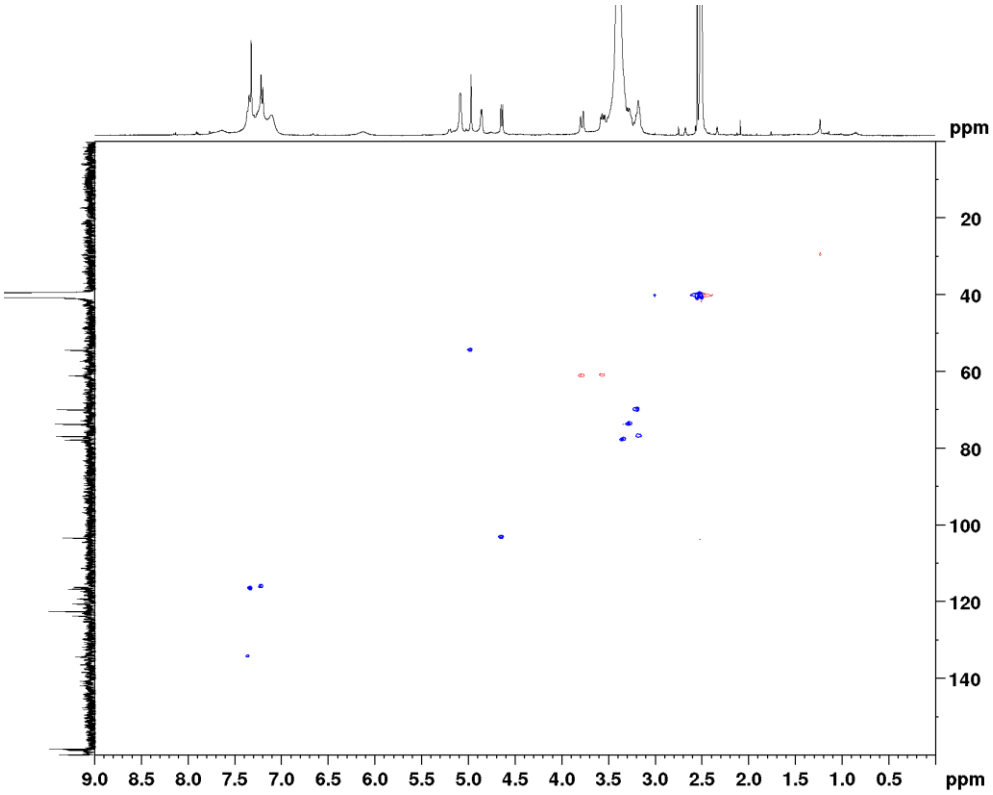

Figure S3: HSQC diagram of sennoside A_1.

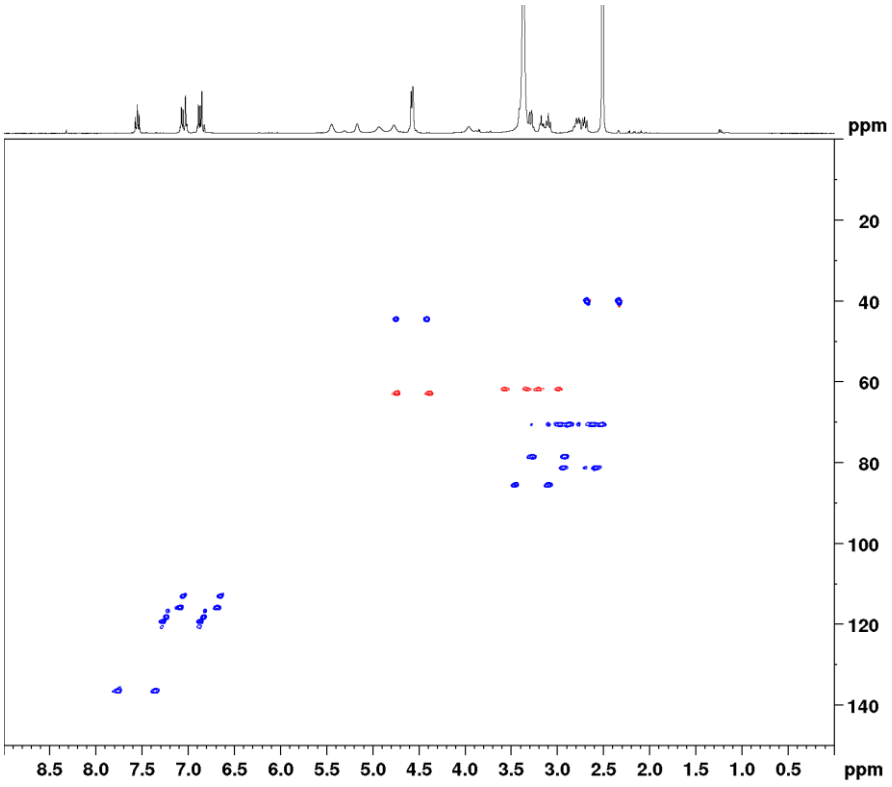

Figure S4: Diagram of an HSQC experiment without decoupling of aloin.

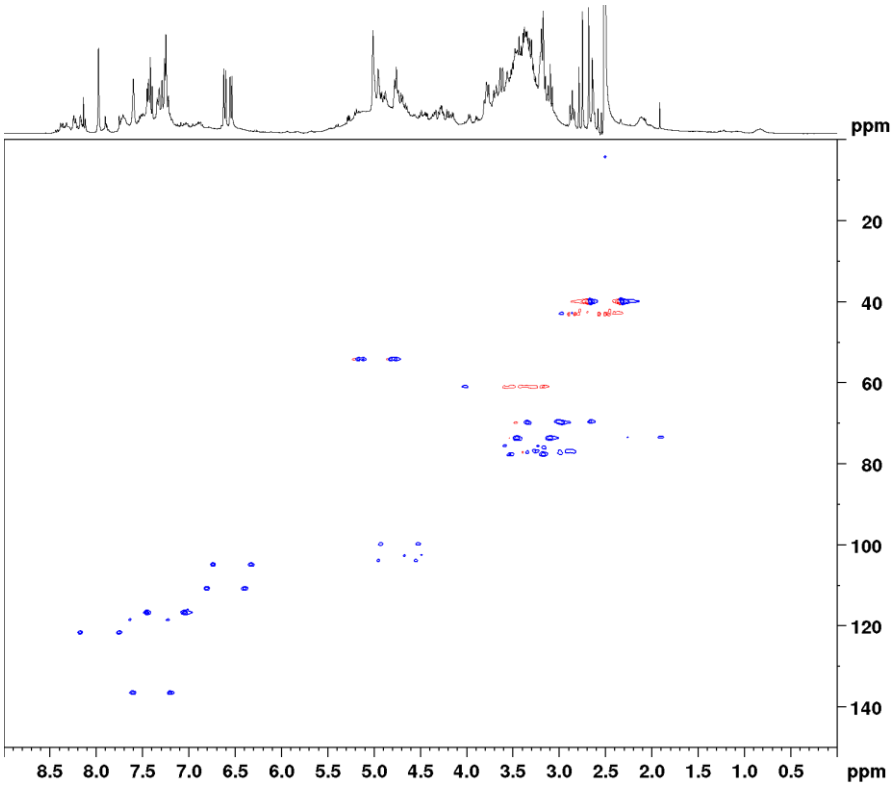

Figure S5: Diagram of an HSQC experiment without decoupling of sennosides.

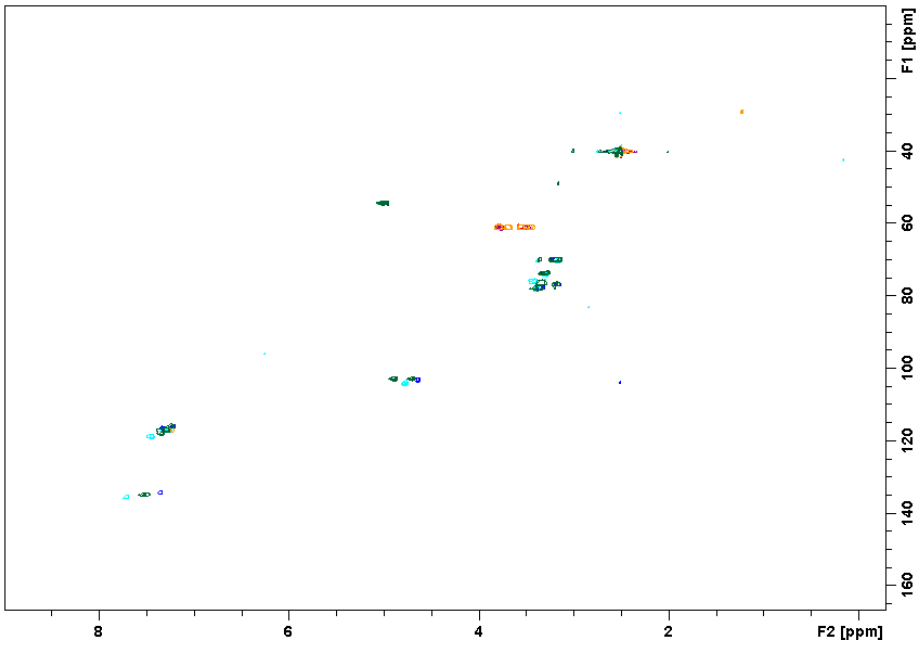

Figure S6: Overlay of HSQC diagrams of sennosides A, B, and A_1.

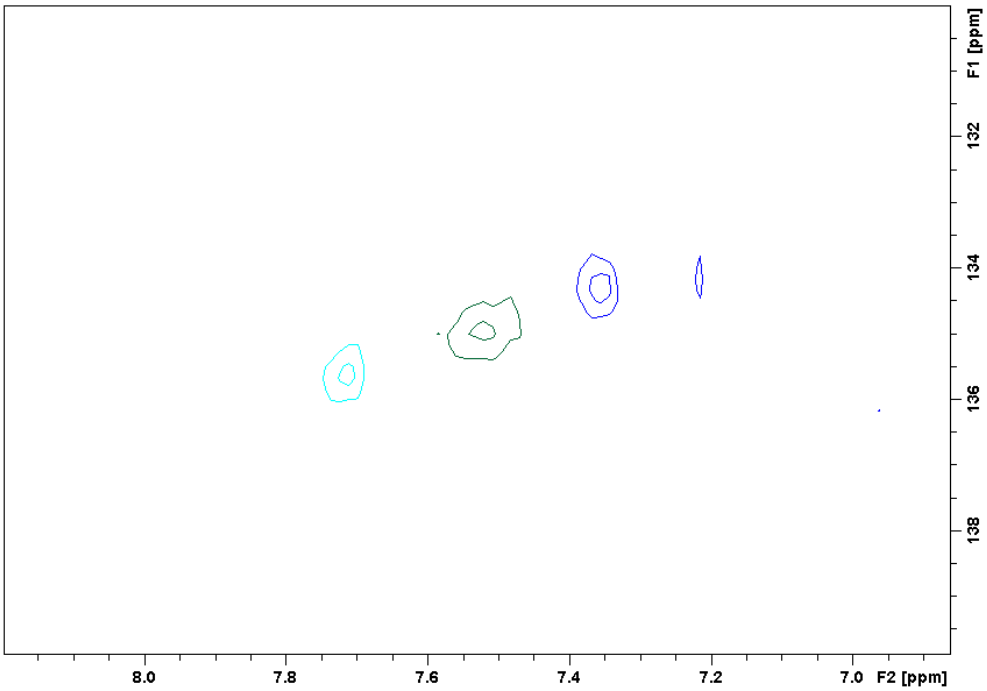

Figure S7: Overlay of HSQC diagrams of sennosides A, B, and A_1 in the region from 6.85 to 8.20 ppm (^{1}H) and 130 to 140 ppm (^{13}C).

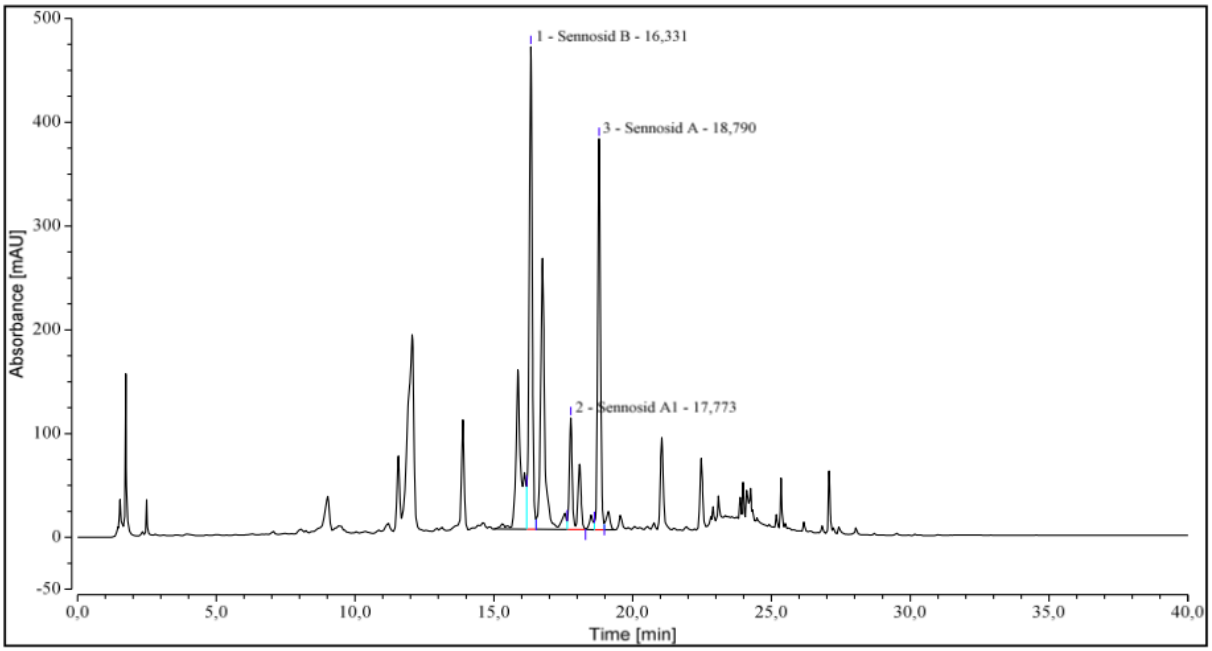

Figure S8: HPLC-UV chromatogram of senna pod extract at 262 nm.

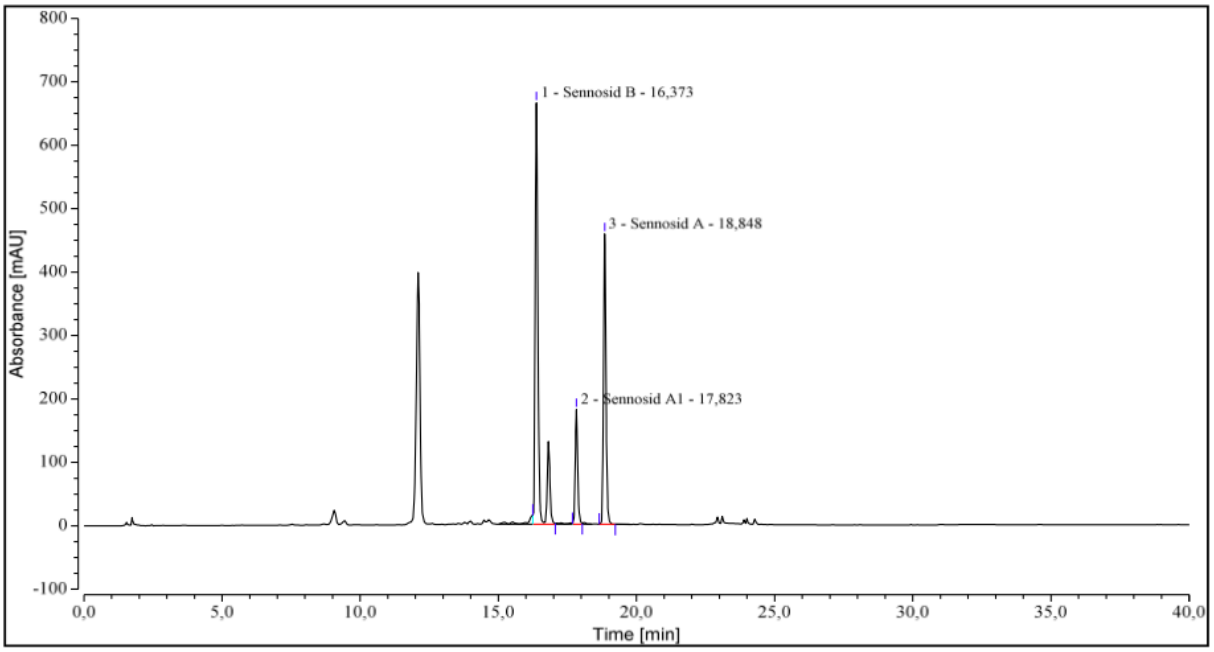

Figure S9: HPLC-UV chromatogram of senna pod solid phase extract at 262 nm.

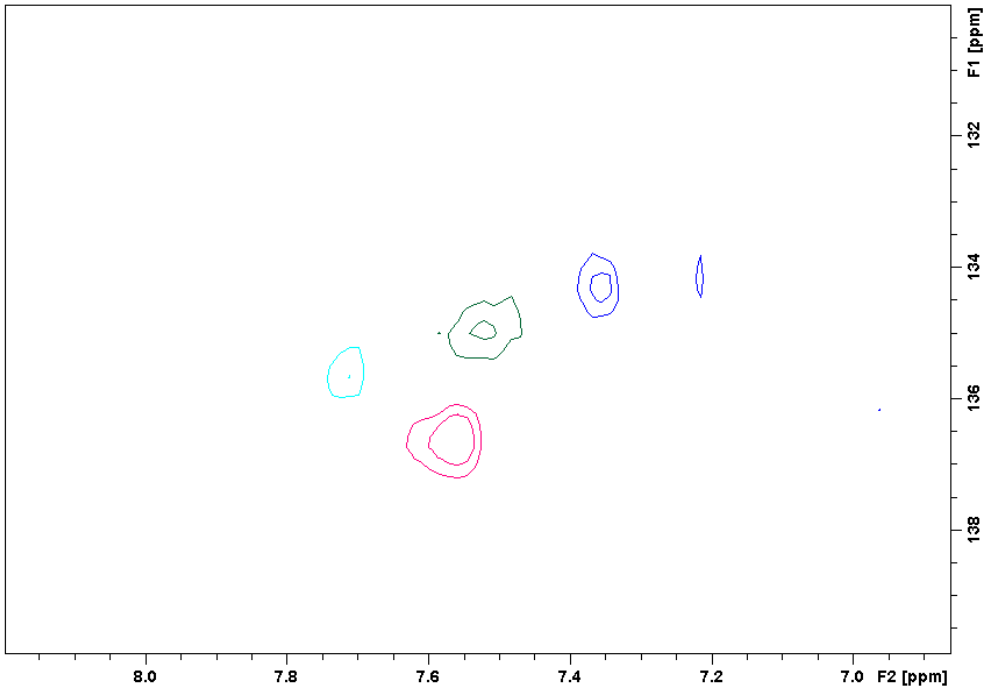

Figure S10: Overlay of HSQC diagrams of sennosides A, B, A_1, and aloin in the region from 6.85 to 8.20 ppm (^{1}H) and 130 to 140 ppm (^{13}C).