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Qualitative and quantitative analysis of furofuran lignans, iridoid glycosides, and phenolic acids in *Radix Dipsaci* by UHPLC-Q-TOF/MS and UHPLC-PDA

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Highlights

- A comprehensive approach for the quantitative and qualitative analyses of chemical constituents from *Radix Dipsaci* (RD) was established.
- 21 compounds including 3 new ones were identified from RD by UHPLC-Q-TOF/MS.
- 11 compounds in 20 batches of RD were the simultaneous quantitative analyzed by UHPLC-PDA.
- The results can provide a useful approach for comprehensively evaluating the chemical composition and quality of RD.

Abstract:

Radix Dipsaci (RD), the dried root of *Dipsacus asper*, is used in traditional Chinese

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