

Accepted Manuscript

Title: Multi-Analytical Strategy for Unassigned Peaks Using Physical/Mathematical Separation, Fragmental Rules and Retention Index Prediction: An Example of Sesquiterpene Metabolites Characterization in *Cyperus rotundus*

Authors: Min He, Pan Yan, Zhiyu Yang, Yin Ye, Dongsheng Cao, Liang Hong, Tianbiao Yang, Rui Pei

PII: S0731-7085(17)32544-X
 DOI: <https://doi.org/10.1016/j.jpba.2018.03.042>
 Reference: PBA 11873

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 11-10-2017
Revised date: 15-3-2018
Accepted date: 18-3-2018

Please cite this article as: Min He, Pan Yan, Zhiyu Yang, Yin Ye, Dongsheng Cao, Liang Hong, Tianbiao Yang, Rui Pei, Multi-Analytical Strategy for Unassigned Peaks Using Physical/Mathematical Separation, Fragmental Rules and Retention Index Prediction: An Example of Sesquiterpene Metabolites Characterization in *Cyperus rotundus*, Journal of Pharmaceutical and Biomedical Analysis <https://doi.org/10.1016/j.jpba.2018.03.042>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Multi-Analytical Strategy for Unassigned Peaks Using Physical/Mathematical Separation, Fragmental Rules and Retention Index Prediction: An Example of Sesquiterpene Metabolites Characterization in *Cyperus rotundus*

Min He ^{a,*}, Pan Yan ^a, Zhiyu Yang ^a, Yin Ye ^b, Dongsheng Cao ^c, Liang Hong ^a, Tianbiao Yang ^a, Rui Pei ^a

^a Department of Pharmaceutical Engineering, School of Chemical Engineering, Xiangtan

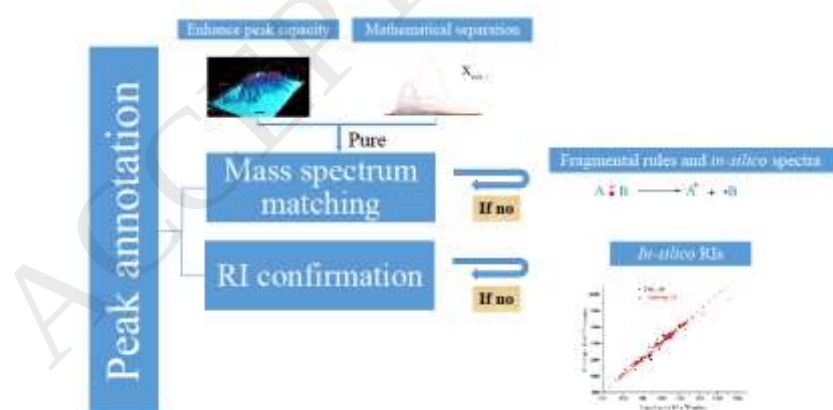
University, Xiangtan 411105, People's Republic of China

E-mail: dahai8214813@gmail.com Tel/Fax: 0731-58298172

^b Guangzhou Analysis Center, Shimadzu Corporation, Guangzhou 411105, People's Republic of China

^c School of Pharmaceutical Sciences, Central South University, Changsha 410013, P. R. China

graphical abstract



Download English Version:

<https://daneshyari.com/en/article/7626647>

Download Persian Version:

<https://daneshyari.com/article/7626647>

[Daneshyari.com](https://daneshyari.com)