

Accepted Manuscript

Analysis of multiple pesticide residues in polyphenol-rich agricultural products by UPLC-MS/MS using a modified QuEChERS extraction and dilution method

Jiagang Guo, Mengmeng Tong, Jie Tang, Hongzheng Bian, Xiaochun Wan, Lili He, Ruyan Hou

PII: S0308-8146(18)31553-X

DOI: <https://doi.org/10.1016/j.foodchem.2018.08.134>

Reference: FOCH 23476

To appear in: *Food Chemistry*

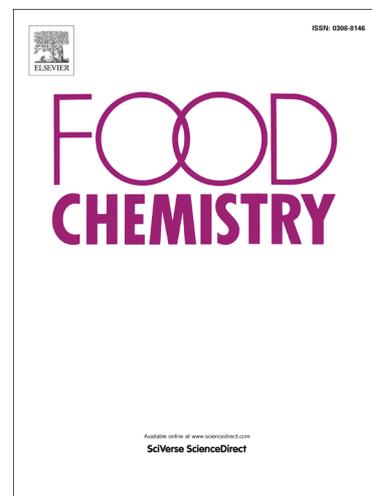
Received Date: 6 September 2017

Revised Date: 28 August 2018

Accepted Date: 30 August 2018

Please cite this article as: Guo, J., Tong, M., Tang, J., Bian, H., Wan, X., He, L., Hou, R., Analysis of multiple pesticide residues in polyphenol-rich agricultural products by UPLC-MS/MS using a modified QuEChERS extraction and dilution method, *Food Chemistry* (2018), doi: <https://doi.org/10.1016/j.foodchem.2018.08.134>

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.



**Analysis of multiple pesticide residues in polyphenol-rich agricultural products
by UPLC-MS/MS using a modified QuEChERS extraction and dilution method**

Jiagang Guo^a, Mengmeng Tong^a, Jie Tang^a, Hongzheng Bian^b, Xiaochun Wan^a, Lili He^c, Ruyan Hou^{a}*

^a State Key Laboratory of Tea Plant Biology and Utilization; International Joint Laboratory on Tea Chemistry and Health Effects, School of Tea and Food Science & Technology, Anhui Agricultural University, Hefei, 230036, P. R. China

^b Supervision and Testing Center for Agri-products Quality and Safety, Ministry of Agriculture, Hefei, 230091, P. R. China

^c Department of Food Science, University of Massachusetts, Amherst, Massachusetts 01003, United States

*Corresponding author, Ruyan Hou (tel: +86-551-65786401; fax: +86-551-65786765;

E-mail address: hry@ahau.edu.cn; hry5280@126.com)

Download English Version:

<https://daneshyari.com/en/article/10140811>

Download Persian Version:

<https://daneshyari.com/article/10140811>

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