

## Accepted Manuscript

Flavonol profiles in berries of wild *Vitis* accessions using liquid chromatography coupled to mass spectrometry and nuclear magnetic resonance spectrometry

Ghislaine Hilbert, Hamza Temsamani, Louis Bordenave, Eric Pedrot, Nassima Chaher, Stéphanie Cluzet, Jean-Claude Delaunay, Nathalie Ollat, Serge Delrot, Jean-Michel Mérillon, Eric Gomès, Tristan Richard

PII: S0308-8146(14)01127-3  
DOI: <http://dx.doi.org/10.1016/j.foodchem.2014.07.079>  
Reference: FOCH 16145

To appear in: *Food Chemistry*

Received Date: 10 February 2014  
Revised Date: 11 June 2014  
Accepted Date: 15 July 2014

Please cite this article as: Hilbert, G., Temsamani, H., Bordenave, L., Pedrot, E., Chaher, N., Cluzet, S., Delaunay, J-C., Ollat, N., Delrot, S., Mérillon, J-M., Gomès, E., Richard, T., Flavonol profiles in berries of wild *Vitis* accessions using liquid chromatography coupled to mass spectrometry and nuclear magnetic resonance spectrometry, *Food Chemistry* (2014), doi: <http://dx.doi.org/10.1016/j.foodchem.2014.07.079>

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.



1 **Flavonol profiles in berries of wild *Vitis* accessions using liquid chromatography**  
2 **coupled to mass spectrometry and nuclear magnetic resonance spectrometry**

3  
4 Ghislaine Hilbert<sup>a,†</sup>, Hamza Tamsamani<sup>b,†</sup>, Louis Bordenave<sup>a</sup>, Eric Pedrot<sup>b</sup>, Nassima Chaher<sup>c</sup>,  
5 Stéphanie Cluzet<sup>b</sup>, Jean-Claude Delaunay<sup>b</sup>, Nathalie Ollat<sup>b</sup>, Serge Delrot<sup>d</sup>, Jean-Michel  
6 Mérillon<sup>b</sup>, Eric Gomès<sup>d</sup>, Tristan Richard<sup>b,\*</sup>

7  
8  
9  
10 <sup>a</sup>INRA, ISVV, UMR 1287 EGFV, 33140 Villenave d'Ornon, France.

11 <sup>b</sup>Université de Bordeaux, ISVV, EA 3675 GESVAB, 33140 Villenave d'Ornon, France.

12 <sup>c</sup>Université de Bejaia, Faculté des Sciences de la Nature et de la vie, Laboratoire de Biochimie  
13 Appliquée, Bejaia 06000, Algérie.

14 <sup>d</sup>Université de Bordeaux, ISVV, UMR 1287 EGFV, 33140 Villenave d'Ornon, France.

15  
16  
17  
18  
19  
20  
21  
22 † These authors contributed equally.

23 \* corresponding author: T. Richard, [tristan.richard@u-bordeaux.fr](mailto:tristan.richard@u-bordeaux.fr)

24 Tel: +33 557 122 710; fax: +33 557 122 717

25

Download English Version:

<https://daneshyari.com/en/article/7594688>

Download Persian Version:

<https://daneshyari.com/article/7594688>

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