**Reviewer B**

In order to improve the quality of this article before the publication, the following in this manuscript should be corrected, because the authors did not fully respond to the suggested comments.

The authors now corrected the manuscript according to the instructions of reviewer B and would like to thank the reviewer for a contribution to quality of the manuscript.

**Experimental**

Analyzed samples

Caption and the layout of the table I should be comprehensive.

In the table I, samples can be divided into certified and non-certified oils and below this row, next row: labels of samples. According to the changes in the table, rename caption of Table I, as well as the text in this part of manuscript.

Table I, caption of table I and description in manuscript text were corrected according to reviewers instructions.

The sentence “The other 30 samples of cold-pressed oils….” should be changed into sentence “The other 30 samples of non-certified cold-pressed oils…”

The sentence was changed.

The section Statistical analysis is omitted, this part is very important if the authors claim that their approach is semi-quantitative in the analysis of the biological origin of vegetable oils. How many times the analysis of the same samples was repeated? Duplicate or triplicate?

The authors added information about the analysis.

**Results and discussion section**

The place of sentence “The ultimate goal of this study was a multi-category classification and multivariate clustering has been used as an exploratory technique”, in the text is not appropriate, so this sentence should be deleted from this part of manuscript.

The sentence was deleted.

Figure 2 and its caption are completely unclear. The Fx, Wh… labels in the image do not mean anything if their explanation is not given in the caption of image. Virgin and refined oils should be clearly marked on dendogram.

The information about samples labeling was given in figure 2 caption.

**Conclusion**

This sentence “It is important to emphasize that the proposed semi-quantitative approach does not require exact qualitative nor quantitative determinations of eluting FAMEs.” should be changed, because this approach is qualitative, not semi-quantitative.

The term “semi-quantitative” was changed into “qualitative” throughout the manuscript text. However, the authors decided to use the first term based on strong suggestions from our colleagues at the University of Vienna, Austria, during our collaboration on a paper describing another semi-quantitative method: K. Pastor, M. Ačanski, Đ. Vujić, Đ. Jovanović, S. Wienkoop, Authentication of cereal flours by multivariate analysis of GC–MS data, Chromatographia, 79 (19-20), 1387-1393, 2016

The authors should also check the following:

Affiliations (Serbian versions); Keywords and Running title are not in accordance to the journal instructions for authors; References (citation in the text). Reference 5 is cited differently in the text.

The authors changed affiliations, keywords, running title and references.

In results and discussion section (the last sentence) semi-quantitative replace with qualitative.

The word was replaced.