

***Interactive comment on “Molecular fingerprinting of particulate organic matter as a new tool for its source apportionment: changes along a headwater drainage in coarse, medium and fine particles as a function of rainfalls” by Laurent Jeanneau et al.***

**Laurent Jeanneau et al.**

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Dear colleague, Many thanks for having taking the time to review our manuscript. In this study, particulate organic matter was defined as the organic matter in the objects (natural debris, soil particles, colloids) that were trapped in the sampling system. The slots on the samplers were approximately 1.5 cm which represents the higher threshold. The samples collected there were dried before further analysis and then included

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the smallest fractions defined as colloidal OM and dissolved OM. These precisions will be added in the manuscript. About your second suggestion on the sharp reduction of the number of acronyms, the manuscript will be changed in this way in order to help the reader. Once again, thank you for your time in reviewing this manuscript. Sincerely

On behalf of the coauthors, Laurent Jeanneau

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