

Point-by-point response to comments by Editor

We thank the editor for the detailed comments. We have revised the manuscript accordingly. [Below is our point-by-point response to each comment, marked in blue. Changes made to the main text are also marked in blue in the revised manuscript file.](#)

For the Main text:

1. Lines 101-102. Replace "gas chromatography spectrometer (GC)" by "gas chromatography (GC) spectrometer".

Response: revised as suggested. **(Line 101-102)**

2. Page 8, Table 1, for Cl-: Replace "0.8" by "0.78" and replace "0.5" by "0.52".

Response: revised as suggested. **(Page 8, Table 1)**

Besides adjustments requested by the Editor, we also checked the manuscript carefully for typos, etc. Corrections are made as follows:

1. Line 103, inserted “,” after “separation”.
2. Line 300, replaced “PMFt” by “PMF_t”.
3. Line 401, replaced “megacity city” by “megacity”.