

## Accepted Manuscript

Applying novel approaches for GC×GC-TOF-MS data cleaning and trends clustering in VOCs time-series analysis

Luca Narduzzi, Elena Franciosi, Silvia Carlin, Kieran Tuohy, Alberto Beretta, Franco Pedrotti, Fulvio Mattivi



PII: S1570-0232(18)30213-7  
DOI: doi:[10.1016/j.jchromb.2018.07.012](https://doi.org/10.1016/j.jchromb.2018.07.012)  
Reference: CHROMB 21285

To appear in: *Journal of Chromatography B*

Received date: 2 February 2018  
Revised date: 15 June 2018  
Accepted date: 10 July 2018

Please cite this article as: Luca Narduzzi, Elena Franciosi, Silvia Carlin, Kieran Tuohy, Alberto Beretta, Franco Pedrotti, Fulvio Mattivi , Applying novel approaches for GC×GC-TOF-MS data cleaning and trends clustering in VOCs time-series analysis. Chromb (2018), doi:[10.1016/j.jchromb.2018.07.012](https://doi.org/10.1016/j.jchromb.2018.07.012)

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.

# Applying novel approaches for GCxGC-TOF-MS data cleaning and trends clustering in VOCs time-series analysis

Following the volatiles fate in grass baths through passive diffusion sampling

Luca Narduzzi<sup>1</sup>, Elena Franciosi<sup>1</sup>, Silvia Carlin<sup>1</sup>, Kieran Tuohy<sup>1</sup>, Alberto Beretta<sup>2</sup>, Franco Pedrotti<sup>3</sup> and Fulvio Mattivi<sup>1,4</sup>

<sup>1</sup> Research and Innovation Centre, Fondazione Edmund Mach (FEM) Via E. Mach 1, 38010- San Michele all'Adige (TN), Italy

<sup>2</sup> Terme di Garniga, Via dei Bagni di Fieno 13 38060 Garniga Terme, Italy

<sup>3</sup> University of Camerino, Via Pontoni, 5 62032, Camerino, Italy

<sup>4</sup> University of Trento, Center Agriculture Food Environment (CAFÉ), 38010- San Michele all'Adige (TN), Italy

\*Corresponding author

Luca Narduzzi

nardluca@gmail.com

luca.narduzzi@fmach.it

**Keywords:** “fuzzy clustering”, “complex data handling”, “Phytothermotherapy”, “grass baths”, “GCxGC-TOF-MS”, “passive diffusion samplers”.

Download English Version:

<https://daneshyari.com/en/article/8942681>

Download Persian Version:

<https://daneshyari.com/article/8942681>

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