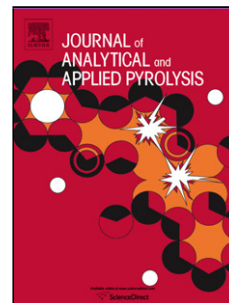


Accepted Manuscript

Title: Py-GC/MS based analysis of the influence of citric acid leaching of sugarcane residues as a pretreatment to fast pyrolysis

Authors: Lizet Rodríguez-Machín, Luis E. Arteaga-Pérez, Jop Vercruysse, Raúl Alberto Pérez-Bermúdez, Wolter Prins, Frederik Ronsse



PII: S0165-2370(18)30290-0
DOI: <https://doi.org/10.1016/j.jaap.2018.07.013>
Reference: JAAP 4375

To appear in: *J. Anal. Appl. Pyrolysis*

Received date: 2-4-2018
Revised date: 17-7-2018
Accepted date: 20-7-2018

Please cite this article as: Rodríguez-Machín L, Arteaga-Pérez LE, Vercruysse J, Pérez-Bermúdez RA, Prins W, Ronsse F, Py-GC/MS based analysis of the influence of citric acid leaching of sugarcane residues as a pretreatment to fast pyrolysis, *Journal of Analytical and Applied Pyrolysis* (2018), <https://doi.org/10.1016/j.jaap.2018.07.013>

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.

Py-GC/MS based analysis of the influence of citric acid leaching of sugarcane residues as a pretreatment to fast pyrolysis

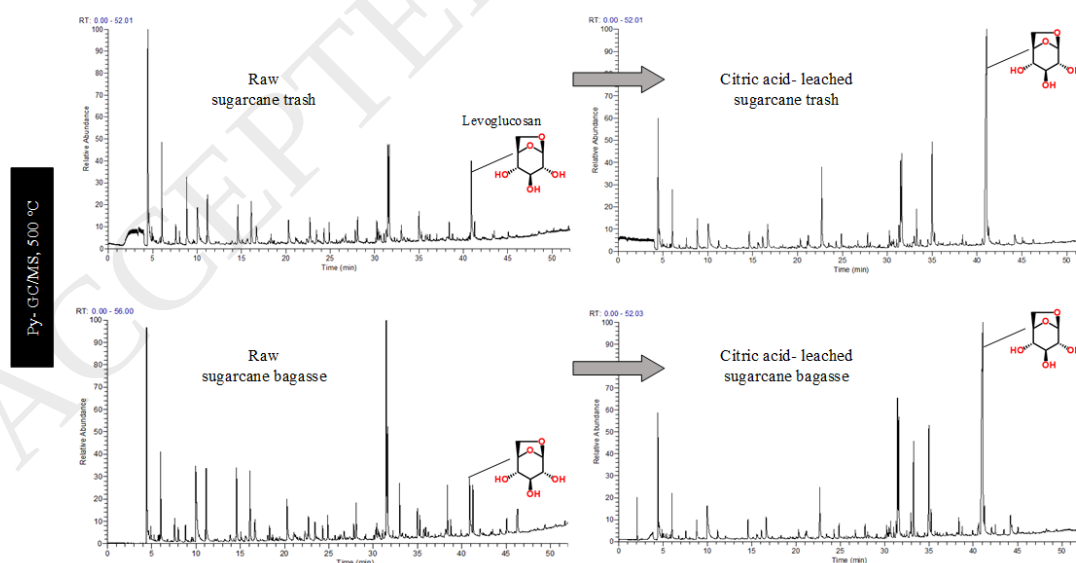
Lizet Rodríguez-Machín^{a,b}, Luis E. Arteaga-Pérez^c, Jop Vercruysse^b, Raúl Alberto Pérez-Bermúdez^a, Wolter Prins^b, Frederik Ronsse^{b*}

^a Center for Energy and Environmental Technologies Assessments (CEETA), Faculty of Mechanical and Industrial Engineering, Universidad Central “Marta Abreu” de Las Villas, Cuba. e-mail: lizetr@uclv.edu.cu; raulito@uclv.edu.cu

^b Department of Green Chemistry and Technology, Faculty of Bioscience Engineering (FBW), UGent, Belgium. e-mail: Wolter.Prins@UGent.be; Frederik.Ronsse@UGent.be.

^c Nanomaterials and Catalysts for Sustainable Processes (NanoCatpSP), Chemical Engineering School, Department of Wood Engineering. University of Bío-Bío, Concepción, Chile. email: larteaga@ubiobio.cl

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/8954869>

Download Persian Version:

<https://daneshyari.com/article/8954869>

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