

## Accepted Manuscript

Title: Molecular-based selection of porphyrins towards the sensing of explosives in the gas phase

Authors: María G. Guillén, Francisco Gámez, Javier Roales, Lopes-Costa Tânia, Sara M.A. Pinto, Mário J.F. Calvete, Mariette M. Pereira, José M. Pedrosa



PII: S0925-4005(17)32499-1  
DOI: <https://doi.org/10.1016/j.snb.2017.12.163>  
Reference: SNB 23851

To appear in: *Sensors and Actuators B*

Received date: 10-8-2017  
Revised date: 22-12-2017  
Accepted date: 26-12-2017

Please cite this article as: María G.Guillén, Francisco Gámez, Javier Roales, Lopes-Costa Tânia, Sara M.A.Pinto, Mário J.F.Calvete, Mariette M.Pereira, José M.Pedrosa, Molecular-based selection of porphyrins towards the sensing of explosives in the gas phase, *Sensors and Actuators B: Chemical* <https://doi.org/10.1016/j.snb.2017.12.163>

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.

# Molecular-based selection of porphyrins towards the sensing of explosives in the gas phase

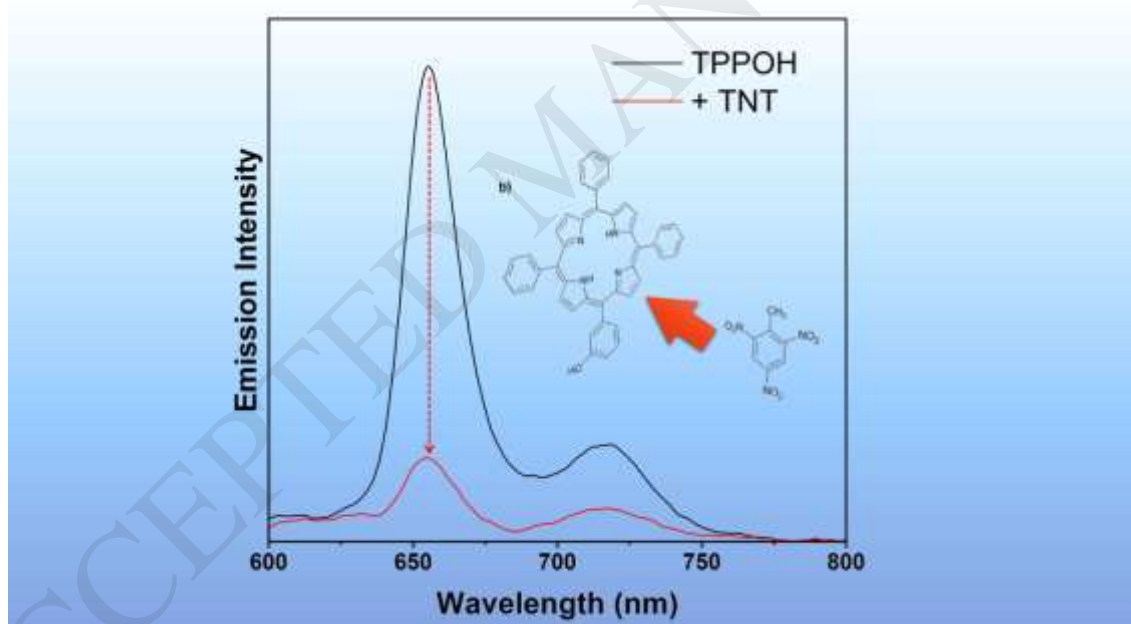
María G. Guillén<sup>1,\*</sup>, Francisco Gámez<sup>1</sup>, Javier Roales<sup>1</sup>, Lopes-Costa Tânia<sup>1</sup>, Sara M.A.Pinto<sup>2</sup>, Mário J.F. Calvete<sup>2</sup>, Mariette M. Pereira<sup>2</sup>, José M. Pedrosa<sup>1,\*</sup>

<sup>1</sup> Departamento de Sistemas Físicos, Químicos y Naturales. Universidad Pablo de Olavide, Ctra. Utrera Km. 1, 41013 Sevilla, Spain

<sup>2</sup> Coimbra Chemistry Centre, CQC, Departamento de Química, Faculdade de Ciências e Tecnologia da Universidade de Coimbra, Rua Larga, 3004-535 Coimbra, Portugal

Correspondence should be addressed to: jmpedpoy@upo.es,  
mariagonzalez88@gmail.com.

## Graphical abstract



## Highlights

- Porphyrin films are used as fluorescent probes for explosive vapor detection.

Download English Version:

<https://daneshyari.com/en/article/7140747>

Download Persian Version:

<https://daneshyari.com/article/7140747>

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