## Accepted Manuscript

Title: Sensitive and selective detection of adsorbed explosive molecules using opto-calorimetric infrared spectroscopy and micro-differential thermal analysis

Author: Omid Zandieh Seonghwan Kim

PII: S0925-4005(16)30340-9

DOI: http://dx.doi.org/doi:10.1016/j.snb.2016.03.046

Reference: SNB 19851

To appear in: Sensors and Actuators B

Received date: 2-12-2015 Revised date: 2-3-2016 Accepted date: 11-3-2016

Please cite this article as: Omid Zandieh, Seonghwan Kim, Sensitive and selective detection of adsorbed explosive molecules using opto-calorimetric infrared spectroscopy and micro-differential thermal analysis, Sensors and Actuators B: Chemical http://dx.doi.org/10.1016/j.snb.2016.03.046

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.



## **ACCEPTED MANUSCRIPT**

Sensitive and selective detection of adsorbed explosive molecules using opto-calorimetric infrared spectroscopy and micro-differential thermal analysis

Omid Zandieh, Seonghwan Kim\*

Department of Mechanical and Manufacturing Engineering, University of Calgary, Calgary, AB T2N 1N4, Canada

<sup>\*</sup>Authors to whom correspondence should be addressed. E-mail: sskim@ucalgary.ca

## Download English Version:

## https://daneshyari.com/en/article/7143999

Download Persian Version:

https://daneshyari.com/article/7143999

<u>Daneshyari.com</u>