

Author's Accepted Manuscript

Gold Nanoparticles-Enhanced Ion-Transmission Mass Spectrometry for Highly Sensitive Detection of Chemical Warfare Agent Simulants

Lin Zhang, Xu Zhao, Huiyun Cheng, Jinglin Kong, Yaoyao Zhao, Xuwei Zhu, Sichun Zhang, Xinrong Zhang



PII: S0039-9140(18)30831-2
DOI: <https://doi.org/10.1016/j.talanta.2018.08.021>
Reference: TAL18942

To appear in: *Talanta*

Received date: 21 May 2018
Revised date: 31 July 2018
Accepted date: 5 August 2018

Cite this article as: Lin Zhang, Xu Zhao, Huiyun Cheng, Jinglin Kong, Yaoyao Zhao, Xuwei Zhu, Sichun Zhang and Xinrong Zhang, Gold Nanoparticles-Enhanced Ion-Transmission Mass Spectrometry for Highly Sensitive Detection of Chemical Warfare Agent Simulants, *Talanta*, <https://doi.org/10.1016/j.talanta.2018.08.021>

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 galley proof before it is published in its final citable 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.

Gold Nanoparticles-Enhanced Ion-Transmission Mass Spectrometry for Highly Sensitive Detection of Chemical Warfare Agent Simulants

Lin Zhang,^{1, 2} Xu Zhao,¹ Huiyun Cheng,^{1, 3} Jinglin Kong,² Yaoyao Zhao,⁴ Xuewei Zhu,¹ Sichun Zhang^{1} and Xinrong Zhang¹*

1. Department of Chemistry, Tsinghua University, Beijing 100084, P.R. China
2. State Key Laboratory of NBC Protection for Civilian, Beijing 102205, P.R. China
3. Department of Pharmacy, Medical College of Qinghai University, Xining 810001, P.R. China
4. Graduate School of Health Science, Hokkaido University, North 12, West 5, Kita-ku, Sapporo 060-0812, Japan

Corresponding Author: Prof. Sichun Zhang, sczhang@mail.tsinghua.edu.cn

Accepted manuscript

Download English Version:

<https://daneshyari.com/en/article/7675454>

Download Persian Version:

<https://daneshyari.com/article/7675454>

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