## Accepted Manuscript

Origin of polar organic sulfur compounds in immature crude oils revealed by ESI FT–ICR MS

Weimin Liu, Yuhong Liao, Quan Shi, Chang Samuel Hsu, Bin Jiang, Ping'an Peng

PII: S0146-6380(18)30077-9

DOI: https://doi.org/10.1016/j.orggeochem.2018.04.003

Reference: OG 3707

To appear in: Organic Geochemistry

Received Date: 9 February 2018
Revised Date: 26 March 2018
Accepted Date: 3 April 2018



Please cite this article as: Liu, W., Liao, Y., Shi, Q., Samuel Hsu, C., Jiang, B., Peng, P., Origin of polar organic sulfur compounds in immature crude oils revealed by ESI FT–ICR MS, *Organic Geochemistry* (2018), doi: https://doi.org/10.1016/j.orggeochem.2018.04.003

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**

Origin of polar organic sulfur compounds in immature crude oils revealed by ESI FT-ICR MS

Weimin Liu <sup>a,b</sup>, Yuhong Liao <sup>a\*</sup>, Quan Shi <sup>c</sup>, Chang Samuel Hsu <sup>c,d</sup>, Bin Jiang <sup>a</sup>, Ping an Peng <sup>a</sup>

<sup>a</sup> State Key Laboratory of Organic Geochemistry, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, Wushan, Guangzhou 510640, PR China

<sup>b</sup> University of Chinese Academy of Sciences, Yuquan Road, Beijing 100049, PR China

<sup>c</sup> State Key Laboratory of Heavy Oil Processing, China University of Petroleum, Beijing 102249, PR China

<sup>d</sup> Petro Oil Consulting, Tallahassee, Florida 32312 USA and Department of Chemical and Biomedical Engineering, Florida A&M University/Florida State University

Tallahassee, Florida 32310, USA

\*Corresponding Author. Tel.: +86 20 85291567; fax: +86 20 85290706.

E-mail address: liaoyh@gig.ac.cn.

## Download English Version:

## https://daneshyari.com/en/article/7816917

Download Persian Version:

https://daneshyari.com/article/7816917

<u>Daneshyari.com</u>