Accepted Manuscript

The C₃₂ alkane-1,15-diol as a tracer for riverine input in coastal seas

Julie Lattaud, Jung-Hyun Kim, Cindy De Jonge, Claudia Zell, Jaap S. Sinninghe Damsté, Stefan Schouten

PII: S0016-7037(16)30739-6

DOI: http://dx.doi.org/10.1016/j.gca.2016.12.030

Reference: GCA 10082

To appear in: Geochimica et Cosmochimica Acta

Received Date: 14 September 2016 Revised Date: 29 November 2016 Accepted Date: 18 December 2016



Please cite this article as: Lattaud, J., Kim, J-H., De Jonge, C., Zell, C., Sinninghe Damsté, J.S., Schouten, S., The C₃₂ alkane-1,15-diol as a tracer for riverine input in coastal seas, *Geochimica et Cosmochimica Acta* (2016), doi: http://dx.doi.org/10.1016/j.gca.2016.12.030

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

The C₃₂ alkane-1,15-diol as a tracer for riverine input in coastal seas

Julie Lattaud^{1*}, Jung-Hyun Kim^{1†}, Cindy De Jonge^{1#}, Claudia Zell ¹⁺, Jaap S. Sinninghe Damsté^{1,2}, Stefan Schouten^{1,2}

¹NIOZ, Royal Netherlands Institute for Sea Research, Department of Marine Microbiology and Biogeochemistry (MMB), and Utrecht University, Po Box 59, 1790 AB Den Burg, The Netherlands.

²Utrecht University, Faculty of Geosciences, Department of Earth Sciences, Budapestlaan 4, 3584 CD Utrecht, The Netherlands.

[†]Current address: Korea Polar Research Institute, 26 Songdomirae-ro, Yeonsu-gu, Incheon 21990, South

Korea

#Current address: Department of Biology, Antwerpen University, Campus Drie Eiken, Universiteitsplein

1-610 Wilrijk, Belgium.

+ Current address: Département Biogéochimie, Pierre and Marie Curie University, UMR 7619 METIS, 4

place Jussieu, 75252 Paris, France.

*Corresponding author: Julie.lattaud@nioz.nl

Resubmitted to Geochimica et Cosmochimica Acta

Download English Version:

https://daneshyari.com/en/article/5783499

Download Persian Version:

https://daneshyari.com/article/5783499

<u>Daneshyari.com</u>