

## Accepted Manuscript

Title: Adsorption of Marine Phycotoxin Okadaic Acid on a Covalent Organic Framework

Authors: Laura M. Salonen, Sara R. Pinela, Soraia P.S. Fernandes, João Louçano, Enrique Carbó-Argibay, Marisa P. Sarriá, Carlos Rodríguez-Abreu, João Peixoto, Begoña Espiña



PII: S0021-9673(17)31501-7  
DOI: <https://doi.org/10.1016/j.chroma.2017.10.017>  
Reference: CHROMA 358922

To appear in: *Journal of Chromatography A*

Received date: 3-4-2017  
Revised date: 11-9-2017  
Accepted date: 6-10-2017

Please cite this article as: Laura M.Salonen, Sara R.Pinela, Soraia P.S.Fernandes, João Louçano, Enrique Carbó-Argibay, Marisa P.Sarriá, Carlos Rodríguez-Abreu, João Peixoto, Begoña Espiña, Adsorption of Marine Phycotoxin Okadaic Acid on a Covalent Organic Framework, *Journal of Chromatography A* <https://doi.org/10.1016/j.chroma.2017.10.017>

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## Adsorption of Marine Phycotoxin Okadaic Acid on a Covalent Organic Framework

Laura M. Salonen<sup>a</sup>, Sara R. Pinela<sup>a</sup>, Soraia P. S. Fernandes<sup>a</sup>, João Louçano<sup>a</sup>, Enrique Carbó-Argibay<sup>a</sup>, Marisa P. Sarriá<sup>a</sup>, Carlos Rodríguez-Abreu<sup>a,1</sup>, João Peixoto<sup>b</sup>, Begoña Espiña<sup>\*a</sup>

<sup>a</sup>International Iberian Nanotechnology Laboratory (INL), Av. Mestre José Veiga s/n, 4715-330 Braga, Portugal

<sup>b</sup>CEB – Centre of Biological Engineering, University of Minho, 4710-057 Braga, Portugal

\*Corresponding Author. Tel: +351 253 140 112 2284.

E-mail: begona.espina@inl.int.

<sup>1</sup>Current affiliation:

Instituto de Química Avanzada de Cataluña, Consejo Superior de Investigaciones Científicas (IQAC-CSIC), CIBER de Bioingeniería, Biomateriales y Nanomedicina (CIBER-BBN), Jordi Girona 18-26, 08034 Barcelona, Spain.

### Highlights:

- A water-stable COF derivative was used for okadaic acid adsorption
- A 38-fold increase in adsorption capacity was experimentally found as compared to traditionally used resins
- The material could be recycled for three consecutive cycles without a significant loss in adsorption capacity

### Abstract

Phycotoxins, compounds produced by some marine microalgal species, can reach high concentrations in the sea when a massive proliferation occurs, the so-called harmful algal bloom. These compounds are especially dangerous to human health when concentrated in the digestive

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