Supporting information online

Development of an on-line molecularly imprinted solid phase extraction by liquid chromatography-mass spectrometry for triazine analysis in corn samples

Felipe Nascimento Andrade, Carlos Eduardo Domingues Nazario, Álvaro José Santos-Neto; Fernando Mauro Lanças*

University of Sao Paulo, Institute of Chemistry of Sao Carlos, 13560-970 Sao Carlos, SP, Brazil.

Keywords: Triazines, Corn, Molecularly imprinted polymers, On-line solid phase extraction, Liquid chromatography coupled to mass spectrometer.

Correspondence: Dr. Fernando Mauro Lanças, University of Sao Paulo, Institute of Chemistry of Sao Carlos, Postal Code 780, 13560-970 Sao Carlos, SP, Brazil E-mail: flancas@iqsc.usp.br Fax: +55-16-3373-9983

Figures

Figure S1 - Pareto chart of simetryn used for assessing the effect of different variables of MISPE (Molecularly Imprinted Solid Phase Extraction) – LC, length column; ET, extraction time; VB, .

Figure S2 - Atrazine surface response obtained from Doehlert. The signal intensity was considered as response. Variables: extraction time vs. column length.



Standardized Effect Estimate (Absolute Value)

Fig. S1



Fig. S2