

Supporting Information

Cu/ β -cyclodextrin/reduced graphene oxide nanocomposite for efficient and multi-aflatoxin detection in rice, ginger and bean samples

Behnaz Shahryari^a, Rouhollah Khani^{a*}, Javad Feizy^b

^aDepartment of Chemistry, Faculty of Science, University of Birjand, Birjand 97179-414, Iran.

^bDepartment of Food Safety and Quality Control, Research Institute of Food Science and Technology (RIFST), Mashhad, Iran.

*Corresponding author:

E-mail address: Rouhollah.khani@birjand.ac.ir

Tel: +98 56 32202065

fax: +98 56 32202065

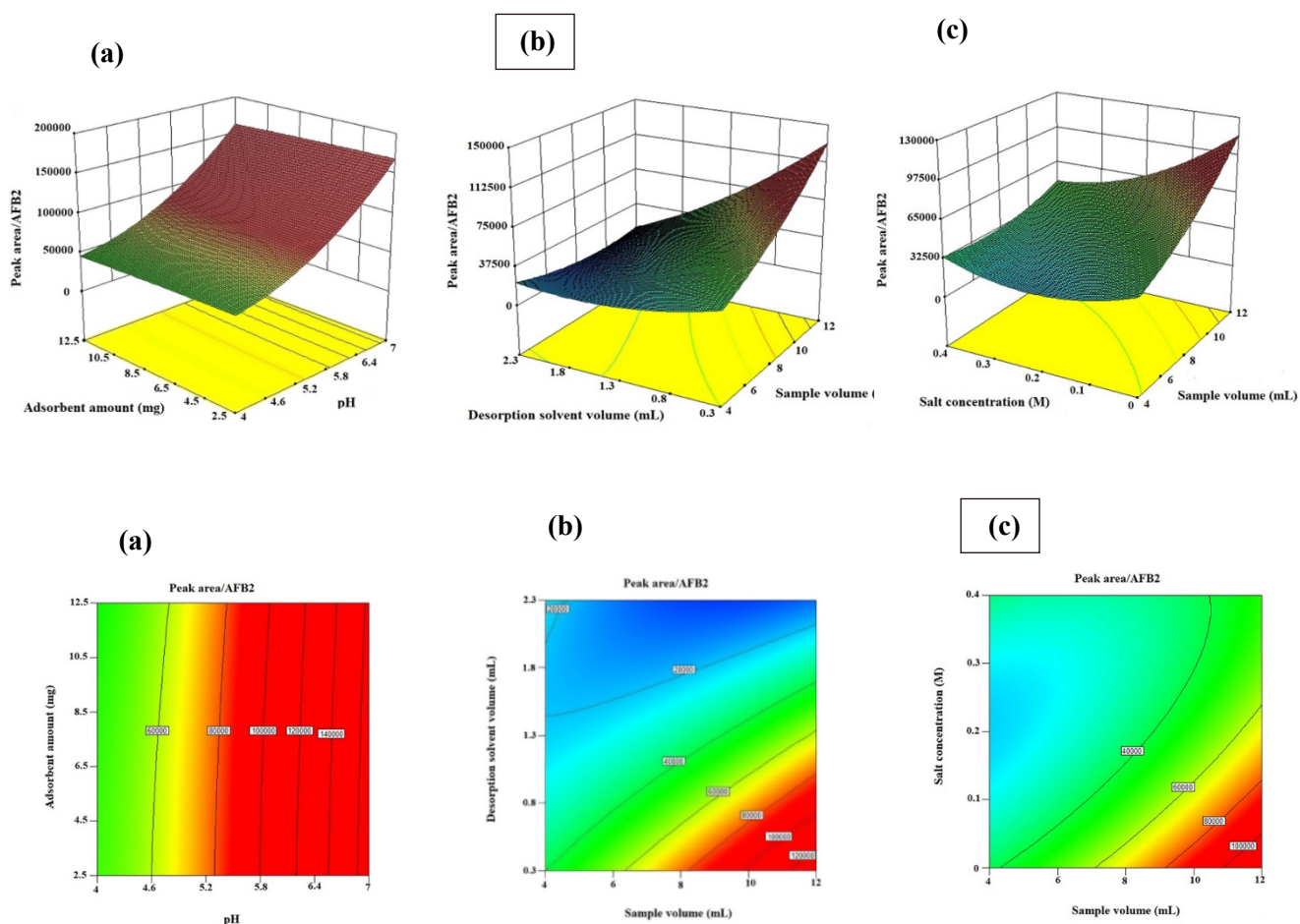


Fig. S1 3-D and contour plots for extraction of AFB₂. (a) Sorbent and pH (b) Desorption solvent volume and sample volume (c) Salt Concentration and sample volume .

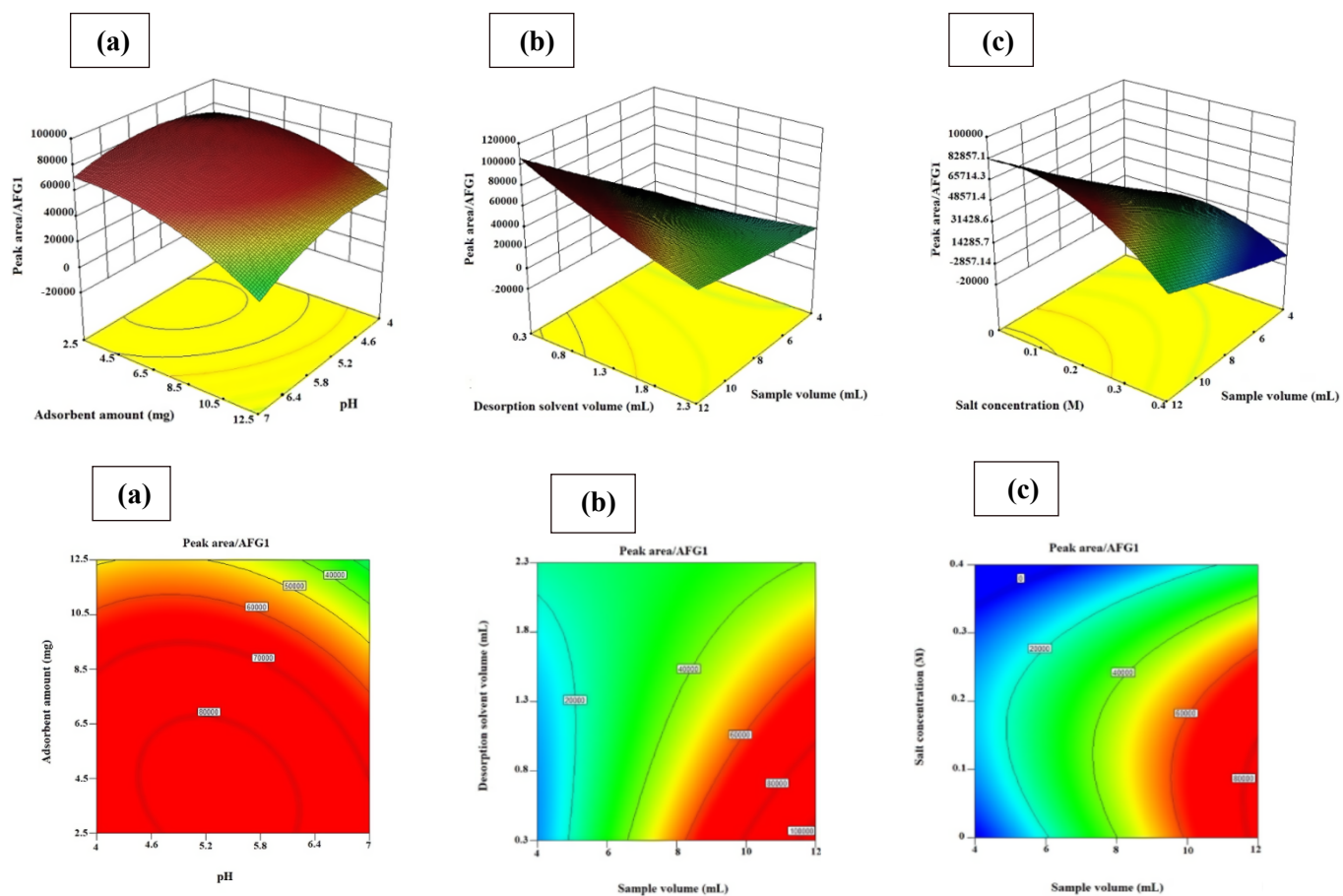


Fig. S2 3-D and contour plots for extraction of AFG₁. (a) Sorbent and pH (b) Desorption solvent volume and sample volume (c) Salt Concentration and sample volume .

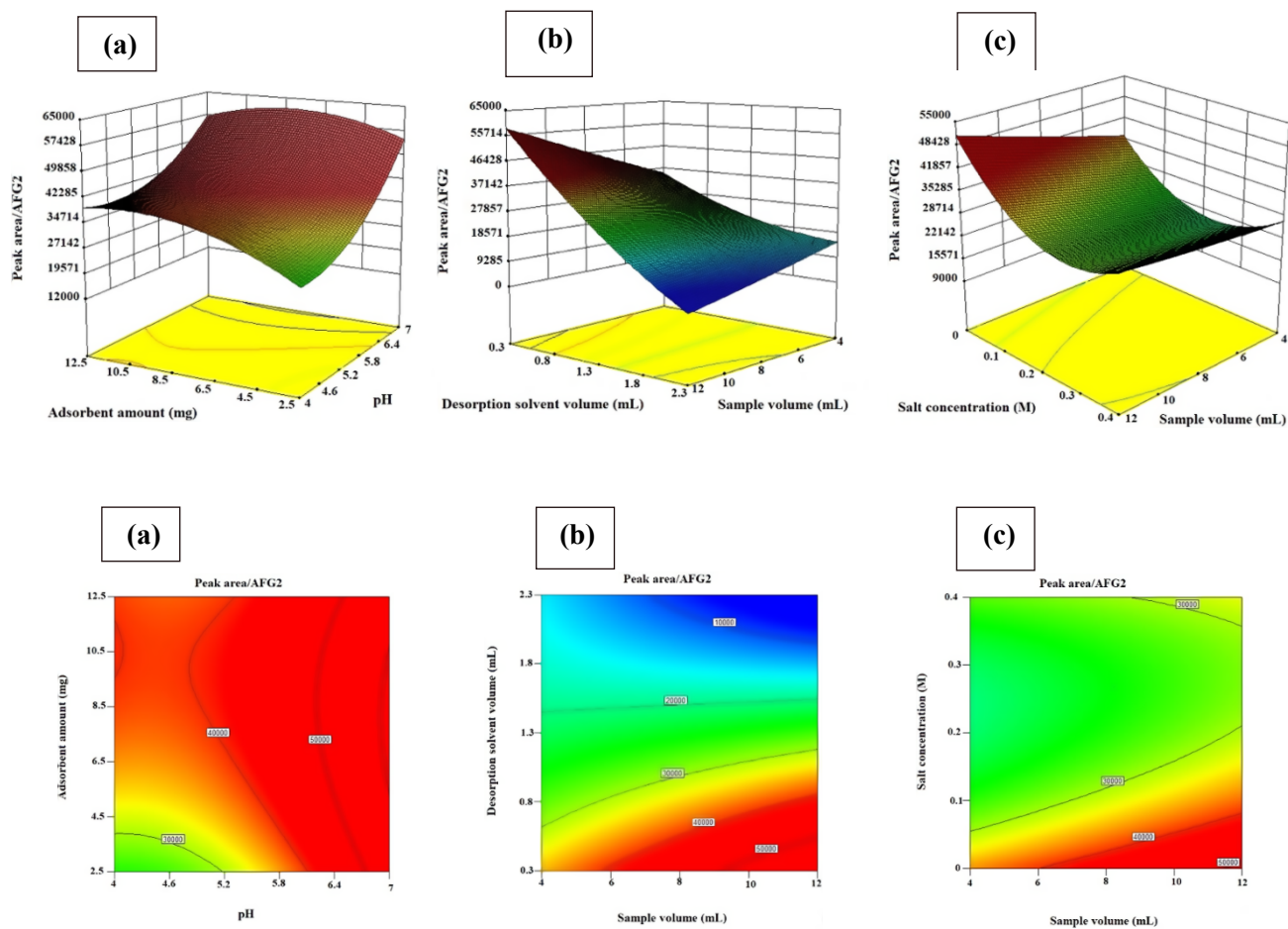


Fig. S3 3-D and contour plots for extraction of AFG₂. (a) Sorbent and pH (b) Desorption solvent volume and sample volume (c) Salt Concentration and sample volume .