

A molecularly imprinted polymer-disposable pipette tip extraction-capillary electrophoresis (MISPE-DPX-CE) method for the preconcentration and determination of scopolamine in body fluid samples

Weida Rodrigues Silva, Michelle M.A.C. Ribeiro, Eduardo M. Richter,
Alex D. Batista, João Flávio da Silveira Petrucci *

*Institute of Chemistry, Federal University of Uberlândia, Av. João Naves
de Avila, 2121, 13400-970, Uberlândia, MG, Brazil.*

Corresponding author* jfpetrucci@gmail.com

Table S1 – Evaluation of between the variables: 1 - time, 2 - mass, 3 - extraction cycles.

	Effect	%
1	-0.0475	0.29
2	0.6175	48.76
3	0.5725	41.91
12	-0.1075	1.48
13	-0.0525	0.35
23	-0.2375	7.21
123	0.0075	0.01

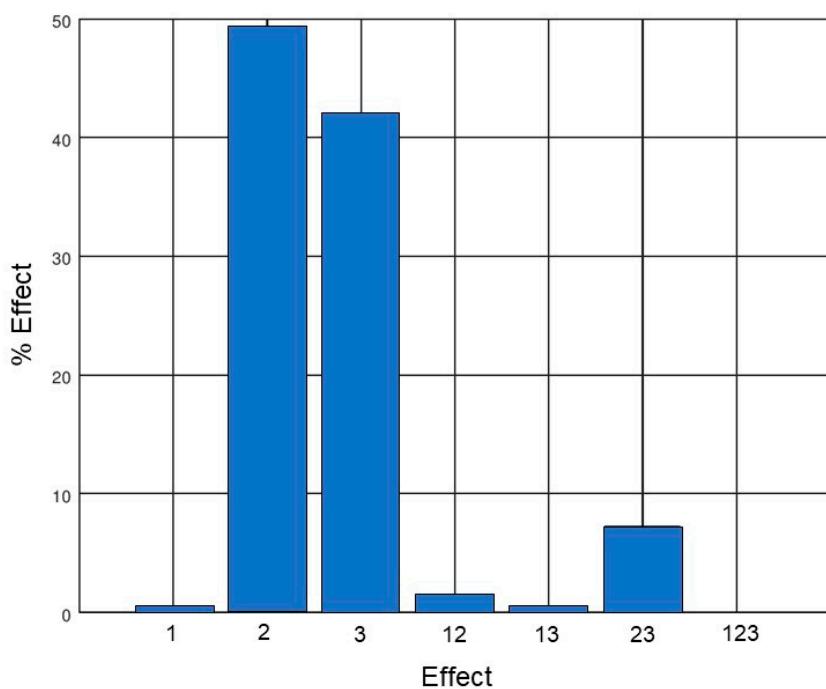


Figure S1 – Percentage of effects found for individual variables (1, 2, 3), secondary effects (12, 13, 23), and tertiary effects (123).

Table S2 – Evaluation of the between the variables: 1 - solvent volume, 2 - methanol concentration, 3 - elution cycles

	Effect	%
1	-8.41	66.17
2	3.06	8.76
3	0.195	0.04
12	-2.77	7.18
13	1.55	2.26
23	-1.25	1.47
123	3.88	14.12

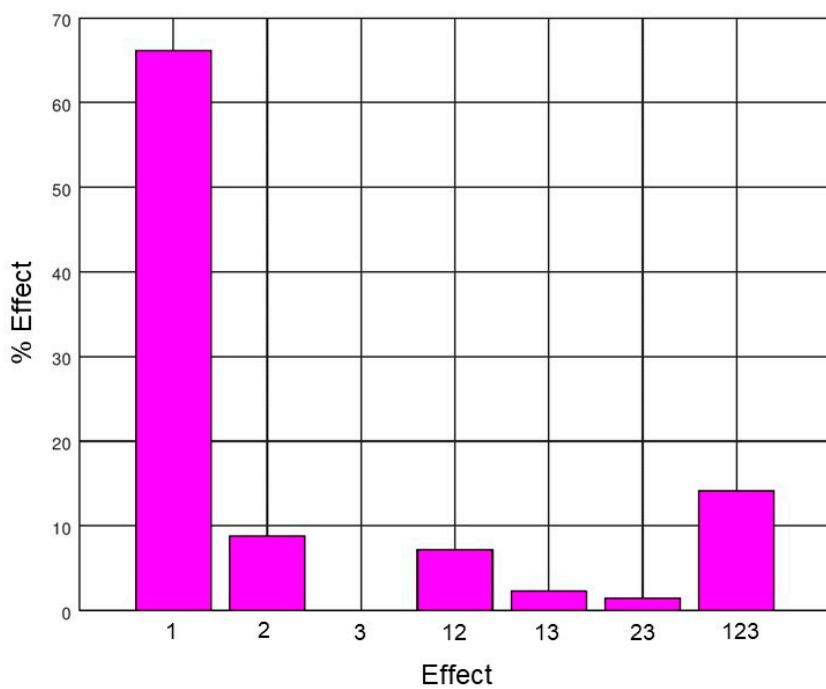


Figure S2 – Percentage of effects found for individual variables (1, 2, 3), secondary effects (12, 13, 23), and tertiary effect (123).