

Supplementary Material

Green Method for the Selective Electromembrane Extraction of Parabens and Fluoroquinolones in the Presence of NSAIDs by Using Biopolymeric Chitosan Films

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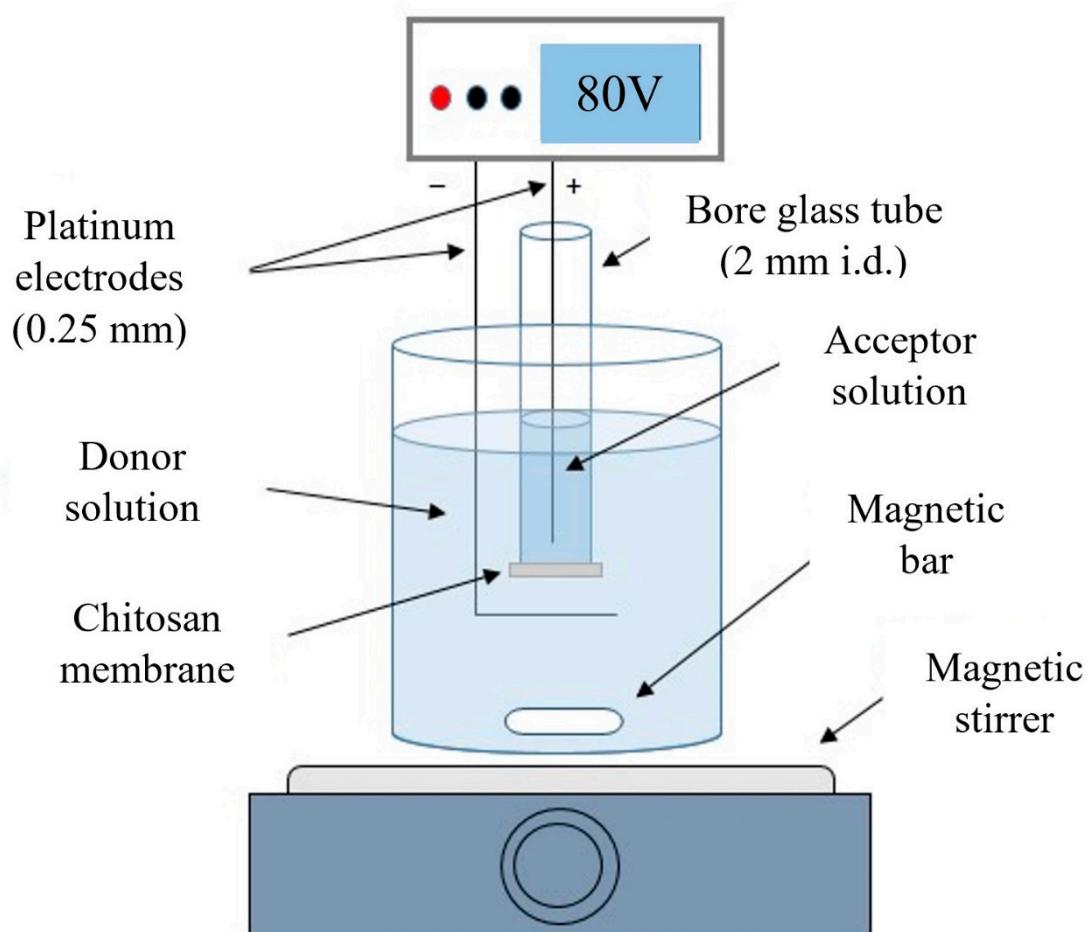
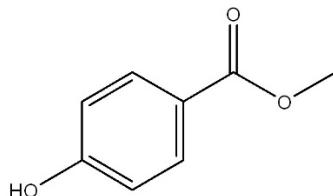
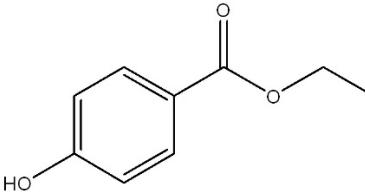
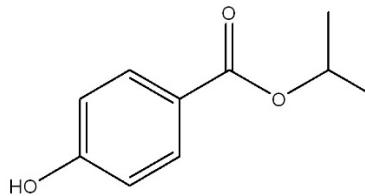
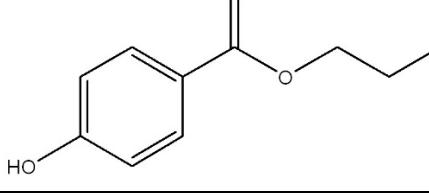
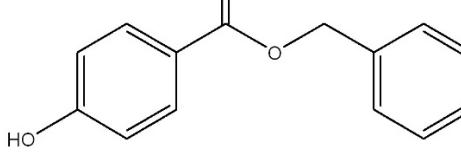
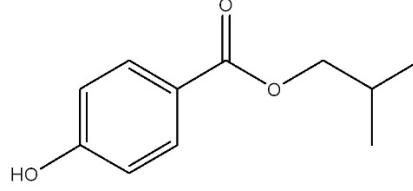


Figure S1. EME device.

Table S1. Gradient conditions for the chromatographic analysis. A: 28mM aqueous phosphate buffer pH 2.5; B: Methanol.

t (min)	%A	%B
0	55	45
2	50	50
5	50	50
6	45	55
10	45	55
14	40	60
22	40	60
23	15	85
25	15	85

Table S2. Chemical structures and pKa values of target analytes.

Analyte	Chemical Structure	pKa
MeP		8.17
EtP		8.22
iPrP		8.4
PrP		8.35
BzP		8.18
iBuP		8.17

BuP		8.37
MBR		5.7; 8.9
ENR		7.9; 6.2
FLM		6.5
SAL		2.3; 13.4
KTP		4.23
NAX		4.84