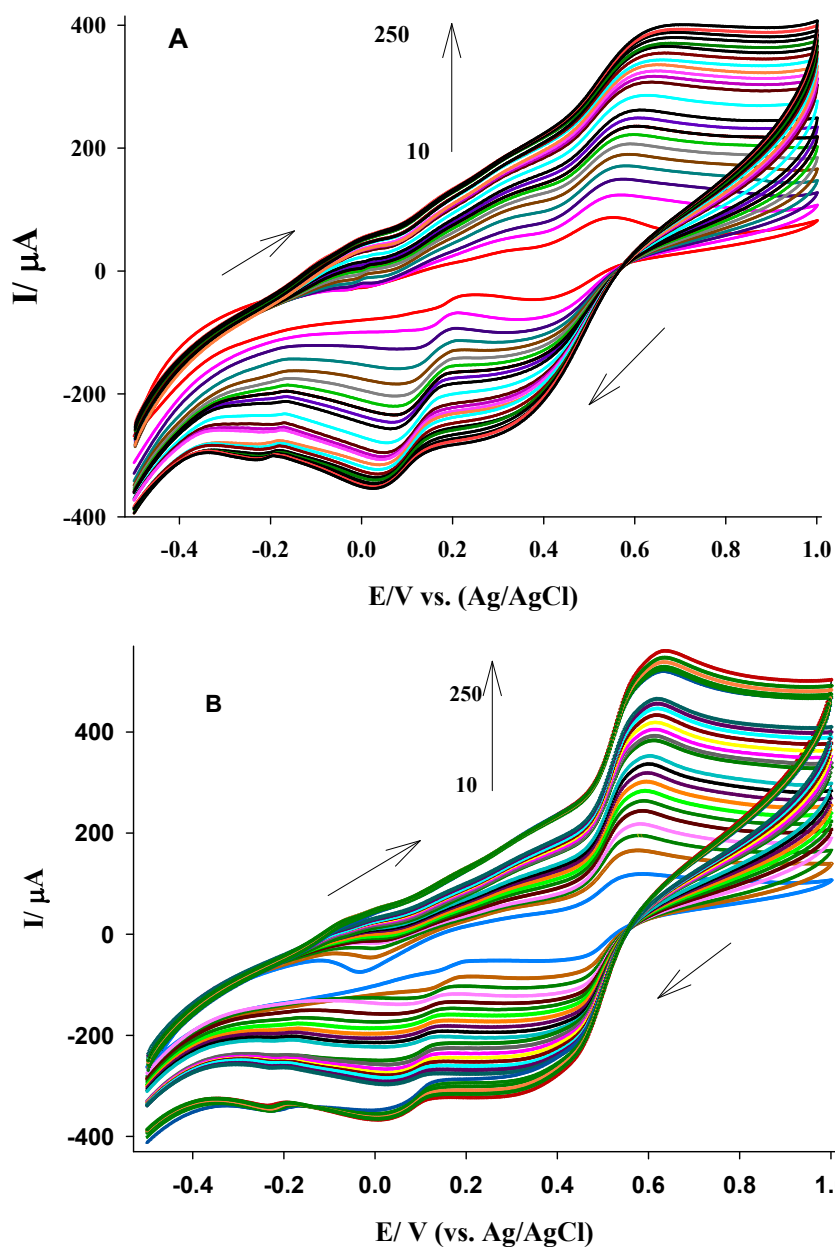


Supplementary material:



SMF1. CVs of Fe(II)-CLN-CPE **A**) in HCl solution (pH 2) and **B**) in HCl solution (pH 2) containing 1.04 μM dopamine at different scan rates.

Supplementary Tables:

T1SM. Experimental matrix and results for RSM design

Std	Run	Factors				ΔI (μA)
		A: pH	B: Mod.%	C: Step Pot. (mV)	D: Ampl. (mV)	
17	1	0.50	20.00	15.50	55.00	33.42
30	2	3.50	20.00	15.50	55.00	2.89
21	3	3.50	20.00	1.00	55.00	0.78
15	4	2.00	25.00	22.75	77.50	28.77
12	5	5.00	25.00	8.25	77.50	1.13
10	6	5.00	15.00	8.25	77.50	1.88
8	7	5.00	25.00	22.75	32.50	1.84
9	8	2.00	15.00	8.25	77.50	20.05
22	9	3.50	20.00	30.00	55.00	5.13
16	10	5.00	25.00	22.75	77.50	1.91
3	11	2.00	25.00	8.25	32.50	6.77
24	12	3.50	20.00	15.50	100.00	18.59
13	13	2.00	15.00	22.75	77.50	24.92
18	14	6.50	20.00	15.50	55.00	2.06
25	15	3.50	20.00	15.50	55.00	1.44
28	16	3.50	20.00	15.50	55.00	1.69
6	17	5.00	15.00	22.75	32.50	0.72
27	18	3.50	20.00	15.50	55.00	1.31
19	19	3.50	10.00	15.50	55.00	2.31
20	20	3.50	30.00	15.50	55.00	7.03
1	21	2.00	15.00	8.25	32.50	5.78
23	22	3.50	20.00	15.50	10.00	0.09
29	23	3.50	20.00	15.50	55.00	0.63
14	24	5.00	15.00	22.75	77.50	0.16
26	25	3.50	20.00	15.50	55.00	1.56
7	26	2.00	25.00	22.75	32.50	12.42
4	27	5.00	25.00	8.25	32.50	0.53
11	28	2.00	25.00	8.25	77.50	24.07
2	29	5.00	15.00	8.25	32.50	1.41
5	30	2.00	15.00	22.75	32.50	9.18