A novel polypyrrole-polyaniline functionalized magnetic porous carbon material for the
extraction/determination of furfurals in baby food and dry milk samples
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Running title: Synthesis and application of a novel functionalized magnetic porous carbon
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27 Table S1: ANOVA for response surface quadratic model. Analysis of variance table [Partial sum of squares - Type III]

	Sum of		Mean	F	p-value	
Source	Squares	df	Square	Value	Prob > F	
Block	0.030	1	0.030			
Model	0.54	20	0.027	70.23	< 0.0001	significant
A-pH	0.33	1	0.33	853.58	< 0.0001	
B-Sample vc	0.082	1	0.082	213.98	< 0.0001	
C-Sorbent a	1.443E-003	1	1.443E-003	3.78	0.0617	
D-Adsorptio	0.017	1	0.017	43.95	< 0.0001	
E-Eluent vo.	8.132E-003	1	8.132E-003	21.29	< 0.0001	
AB	1.876E-004	1	1.876E-004	0.49	0.4890	
AC	7.037E-005	1	7.037E-005	0.18	0.6709	
AD	2.022E-004	1	2.022E-004	0.53	0.4727	
AE	4.099E-005	1	4.099E-005	0.11	0.7456	
BC	1.994E-004	1	1.994E-004	0.52	0.4758	
BD	1.091E-005	1	1.091E-005	0.029	0.8670	
BE	1.118E-004	1	1.118E-004	0.29	0.5927	
CD	2.103E-004	1	2.103E-004	0.55	0.4640	
CE	1.423E-004	1	1.423E-004	0.37	0.5464	
DE	1.993E-004	1	1.993E-004	0.52	0.4759	
A^2	9.800E-003	1	9.800E-003	25.65	< 0.0001	
B^2	9.402E-003	1	9.402E-003	24.61	< 0.0001	
C^2	4.299E-003	1	4.299E-003	11.26	0.0022	
D^2	1.786E-003	1	1.786E-003	4.68	0.0390	
E^2	0.020	1	0.020	53.34	< 0.0001	
Residual	0.011	29	3.820E-004			
Lack of Fit	7. 494E-003	22	3.406E-004	0.67	0.7821 n	ot significan
Pure Error	3.583E-003	7	5.119E-004			
Cor Total	0.58	50				

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