

Supplementary data to:

**Analysis of fluoxetine and norfluoxetine in human plasma by HPLC-UV using a high purity
C18 silica-based SPE sorbent**

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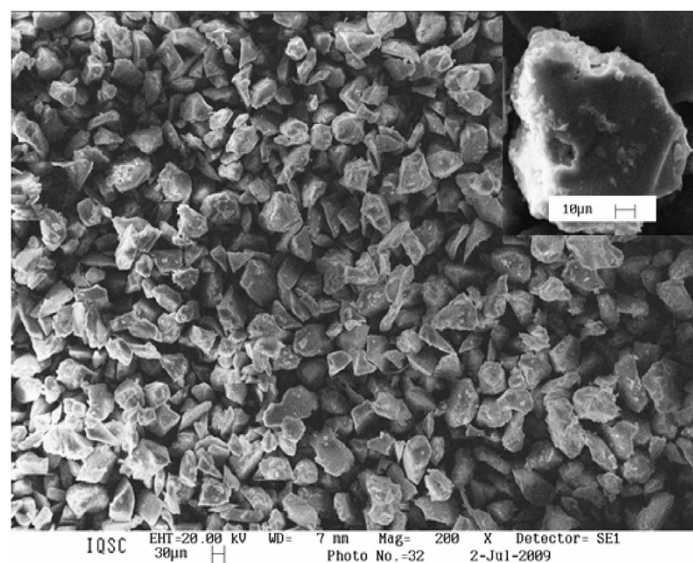


Fig. S1 – SEM picture of bare silica particles synthesized.

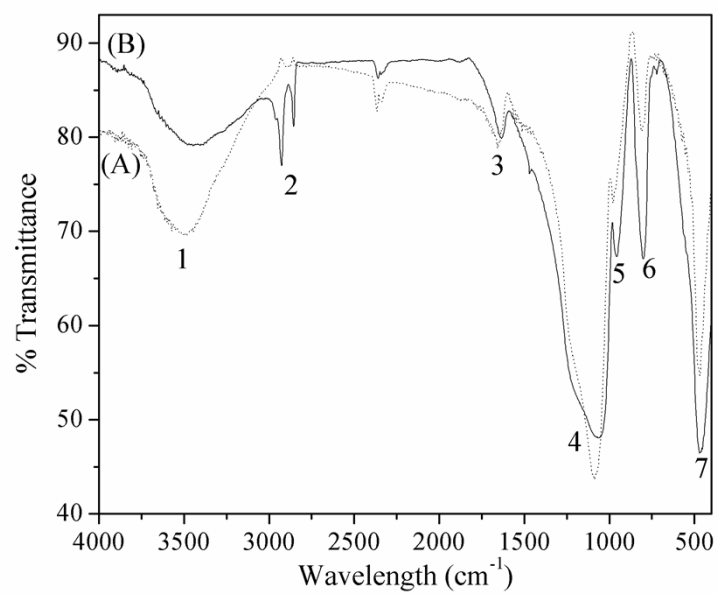


Fig. S2 – Infrared spectra of (A) bare silica and (B) C18 silica sorbent. Bands: (1) O-H, (2) C-H, (3) O-H, (4) Si-O-Si, (5) Si-OH, (6) Si-O e (7) Si-O.

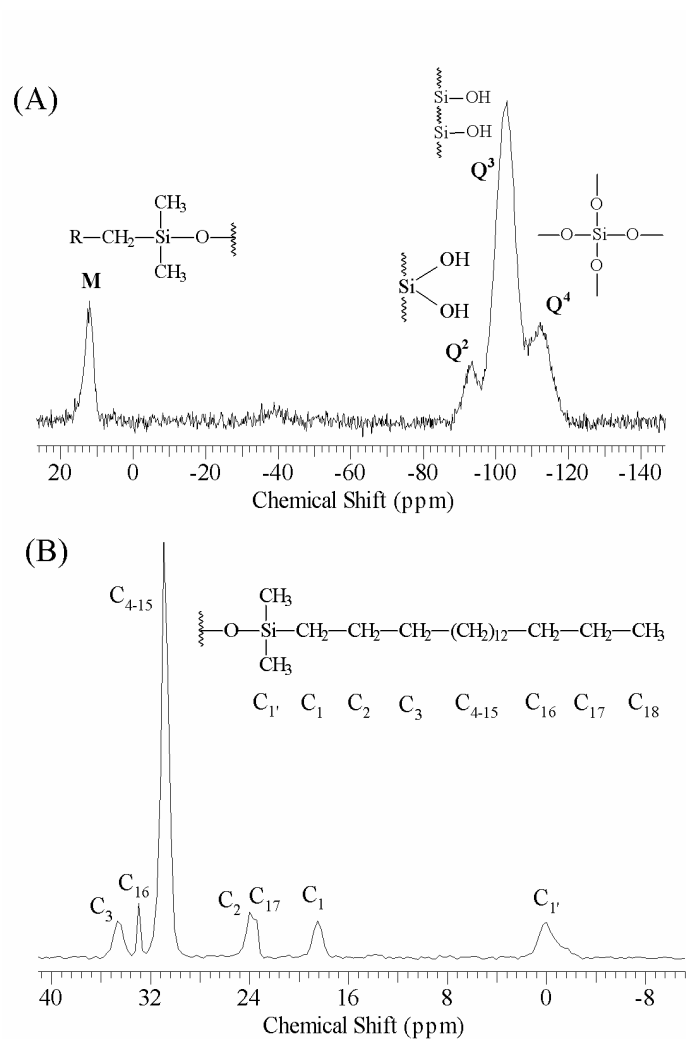


Fig. S3 – Spectra of C18 silica-based sorbent. (A) ^{29}Si CP/MAS NMR and (B) ^{13}C CP/MAS/TOSS NMR.

Table S1 – HPLC-UV method robustness.

Parameter	Nominal value	Variation value	Accuracy (%)	
			FLX	NFLX
Mobile phase flow rate (mL min ⁻¹)	0.20	0.18 0.22	3.15 1.45	6.84 4.78
Column temperature (°C)	35	33 37	3.56 2.58	4.82 3.38
Mobile phase proportion (ACN: buffer, v/v)	50:50	47:53 53:47	3.51 12.75	2.98 7.32
Wavelength (nm)	226	224 228	12.54 9.65	10.78 11.48