Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2018

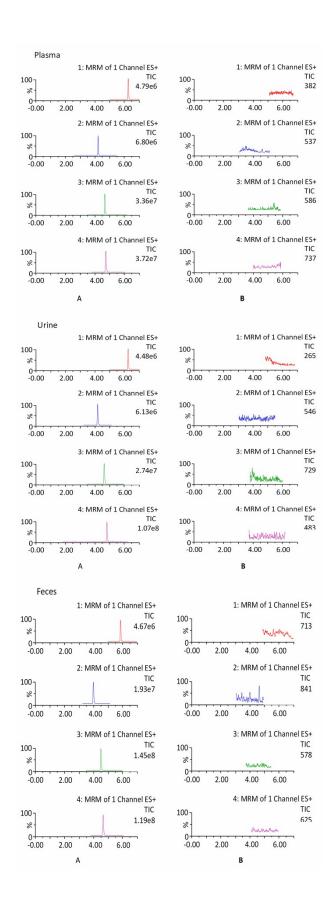


Fig. S1 Carry over test of analytes and IS in plasma, urine, feces samples. (A) ULOQ samples for carbamazepine (IS) (channel 1), daucicoline (channel 2),

daurisoline (channel 3) and dauricine (channel 4) in plasma, urine and feces; (B) blank biological samples injected immediately following UPLQ

Table S1 Dilution test of daucicoline, daurisoline and dauricin in rat plasma, urine and feces.

Matrix	Plasma		Urine		Feces	
Compounds	RSD (%)	RE (%)	RSD (%)	RE (%)	RSD (%)	RE (%)
Daucicoline	4.6	4.2	7.2	5.2	6.5	4.1
Daurisoline	5.8	5.2	3.9	4.4	4.7	4.9
Dauricine	6.9	2.5	5.3	4.6	7.0	5.0