



**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),**

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

**Table S1 Dilution test of daucicolone, daurisolone and dauricin in rat plasma, urine and feces.**

Matrix Compounds	Plasma		Urine		Feces	
	RSD (%)	RE (%)	RSD (%)	RE (%)	RSD (%)	RE (%)
Daucicolone	4.6	4.2	7.2	5.2	6.5	4.1
Daurisolone	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