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 dauricine in rat plasma, urine and feces.

| Compounds   | Matrix | Plasma RSD (%) | Plasma RE (%) | Urine RSD (%) | Urine RE (%) | Feces RSD (%) | Feces 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          |