

Table S1. Average recoveries of three extraction solvents under different SPE cartridges purification

Compound	Average recovery (RSD), %, (<i>n</i> = 3)								
	Methanol			Acetonitrile			Sodium borate buffer solution (pH 10.0) - ethyl acetate		
	HLB	C18	MCX	HLB	C18	MCX	HLB	C18	MCX
AZI	93.1(1.8)	n.d.	119.5(7.9)	69.0(5.7)	n.d.	84.3(7.5)	77.7(2.9)	44.9(2.0)	93.7(1.9)
TUL	78.5(1.4)	n.d.	108.6(9.2)	n.d.	n.d.	78.1(1.4)	64.2(4.0%) ^a	n.d.	72.2(7.6)
SPM	99.6(8.6)	77.1(9.2)	n.d.	80.2(5.6)	63.2(3.6)	n.d.	87.9(0.5)	85.5(3.7)	n.d.
TIL	110.6(4.7)	93.8(7.8)	m.i.	69.0(0.2)	71.3(6.8)	103.6(12.3)	94.4(3.8)	49.4(3.4)	113.8(2.3)
TYL	m.i.	m.i.	54.2(14)	m.i.	98.0(1.5)	43.8(3.5)	92.0(4.9)	91.1(1.9)	72.3(0.9)
ERY	96.4(3.6)	102.2(10.2)	32.5(3.2)	94.5(4.2)	92.8(2.9)	33.6(1.8)	96.6(5.2)	94.2(5.1)	44.6(3.9)
CLA	84.8(2.4)	93.5(2.2)	31.0(0.2)	91.9(1.4)	97.6(2.7)	31.3(2.8)	96.5(3.2)	89.4(4.0)	40.8(3.6)
ROX	75.3(0.5)	85.5(3.4)	28.4(6.2)	80.1(2.2)	90.0(7.3)	26.3(6.2)	88.2(4.9)	79.2(5.0)	26.8(6.4)

MDM	77.7(4.1)	99.6(0.8)	37.4(1.2)	82.5(4.7)	86.8(6.5)	31.8(4.8)	85.9(5.5)	92.0(4.3)	45.4(6.6)
JOS	76.5(5.3)	84.3(5.5)	n.d.	89.1(1.9)	88.0(3.2)	n.d.	90.9(3.5)	85.5(6.6)	n.d.

RSD, relative standard deviation; n.d., not detected; m.i., serious matrix interference; ^a 5 mL of 5% ammonia in methanol elution.

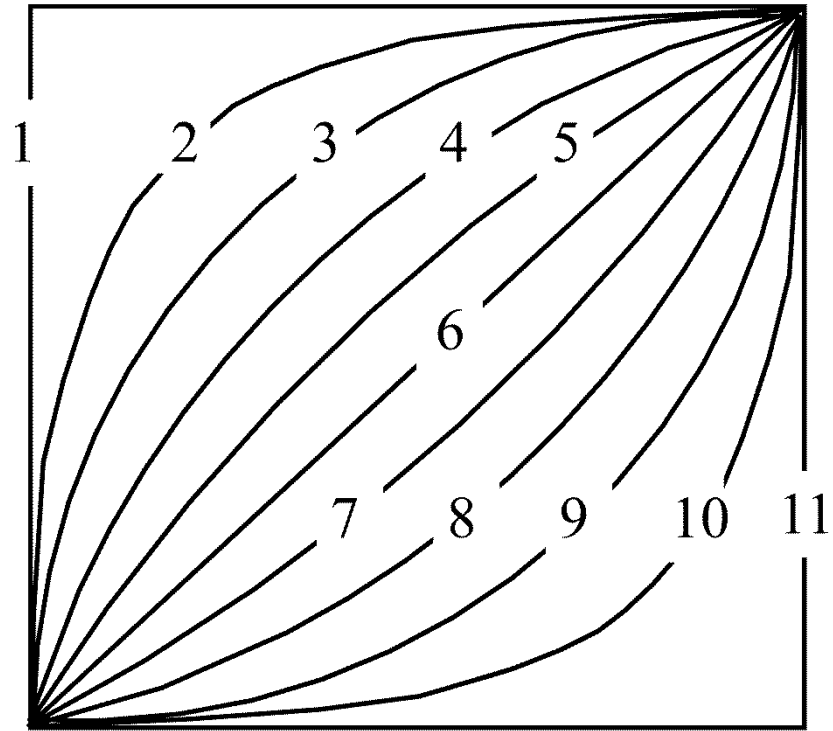


Figure S1

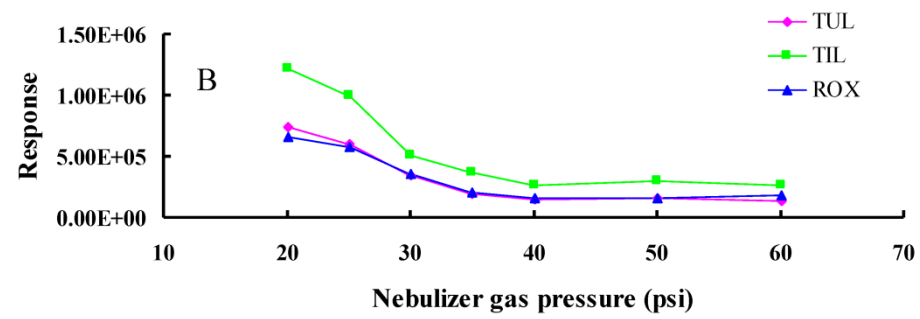
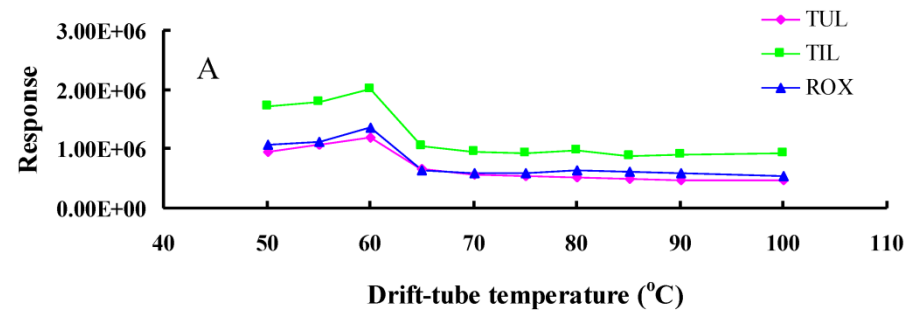


Figure S2

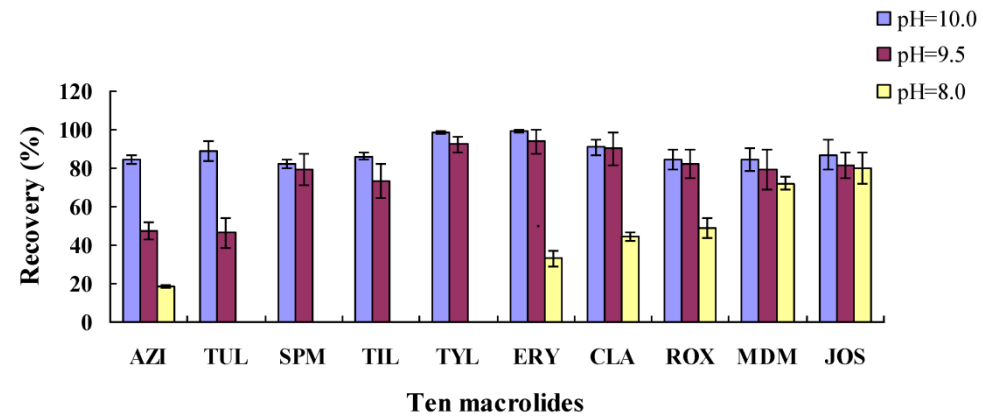


Figure S3