

Table S5 Standard addition calibration equations for satratoxins in mushroom samples

Sample	Compound	Sample Extract Used	Equation ^a	Coefficient of Determination (r^2)	Matrix Effect ^b
Kyoto City, 14 September 2014	Satratoxin H	10 µg/mL	$y = 1.07x + 0.00582$	0.9989	80.5 ± 4.7
	Satratoxin H 12'-Acetate	10 µg/mL	$y = 0.984x + 0.00807$	0.9993	76.8 ± 4.2
	Satratoxin H 13'-Acetate	10 µg/mL	$y = 0.873x + 0.00671$	0.9987	76.1 ± 4.1
	Satratoxin H 12',13'-Diacetate	10 µg/mL	$y = 3.69x + 0.0370$	0.9999	57.1 ± 1.0
Ohtsu City, 7 September 2014	Satratoxin H	10 µg/mL	$y = 0.931x + 0.00506$	0.9987	75.5 ± 2.9
	Satratoxin H 12'-Acetate	10 µg/mL	$y = 0.801x + 0.00432$	0.9967	73.4 ± 2.0
	Satratoxin H 13'-Acetate	10 µg/mL	$y = 0.857x + 0.00386$	0.9986	72.9 ± 6.8
	Satratoxin H 12',13'-Diacetate	10 µg/mL	$y = 3.32x + 0.0208$	0.9990	54.1 ± 5.8

^a Concentrations of satratoxins were determined as the absolute values of the x -intercepts.

^b Mean \pm standard deviation.