

Table S1 UV-TOF-MS parameters setup	
Parameters	Setup values
Dimensions	520 (length) × 550 (width) × 940 (height) mm
Ion source	pressure (96mbar), heat(100°C) , electric current (99mA)
Sampling	Rate (70ml/min) , heat(100°C)
Scanning range	10-455amu
ion optics system (Ultraviolet	Voltage(39-45V)
Lens 1-10	Voltage (25, 15, 5, 15, -50, -55, -9, -10, -6, 0 V, respectively)
RF field	Frequency(1800kHz)
Analyzer	Voltage (-1500 V for accelerating , -50V for deceleration)
Backing Pump	5.2E+01Pa
Molecular pump	5.0E-05Pa

Table S2 Specific dilution plan of working solutions		
	No.	Dilution method
Stock solution	A	5 µL propofol standard+50 mL HPLC-grade water
46.13 ppbv	No.1	16 mL A+84 mL water
23.06 ppbv	No.2	25 mL No.1+25 mL water
9.23 ppbv	No.3	10 mL No.1+40 mL water
6.92 ppbv	No.4	7.5 mL No.1+42.5 mL water
4.61 ppbv	No.5	5 mL No.1+45 mL water
3.23 ppbv	No.6	3.5 mL No.1+46.5 mL water