

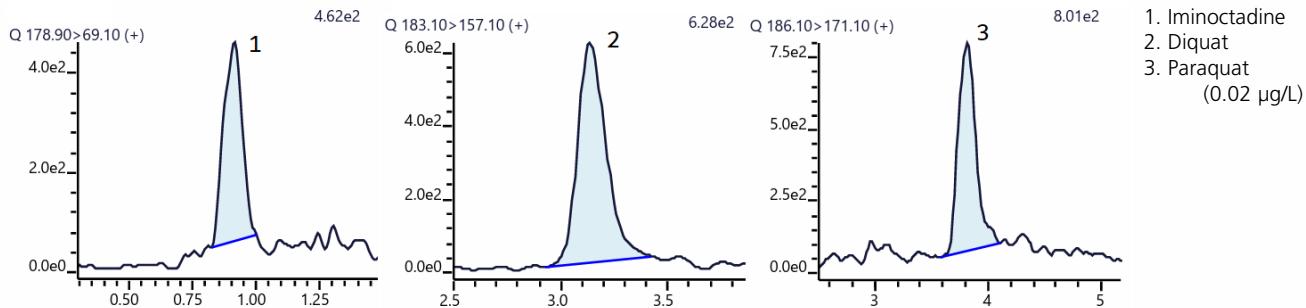
CoreFocus
Report
No.453

LC-MS HILIC Shim-pack™ Series

Shim-pack Velox™ HILIC

Analysis of Iminoctadine, Diquat and Paraquat

Keywords: Tap water, Water quality management, Pesticide



System	:	Nexera™ X2
Column	:	Shim-pack Velox HILIC (100 mm L x 2.1 mm I.D., 2.7 µm), P/N : 227-32025-03
Mobile phase	:	A) 150 mmol/L ammonium formate buffer B) Acetonitrile Isocratic, B conc 50 %
Flow rate	:	0.40 mL/min
Column temp.	:	30 °C
Injection vol.	:	5 µL

System	:	LCMS-8060
Ionization	:	ESI (positive mode)
Probe voltage	:	+0.5 kV
Mode	:	MRM
Nebulizing gas flow	:	3.0 L/min
Drying gas flow	:	5 L/min
Heating gas flow	:	15.0 L/min
DL temp.	:	300 °C
Block heater temp.	:	500 °C
Interface temp.	:	OFF
MRM Transitions	:	Iminoctadine 178.90>69.10 Diquat 183.10>157.10 Paraquat 186.10>171.10

Source : Application News an_01-00254 ([JP](#), [ENG](#))

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