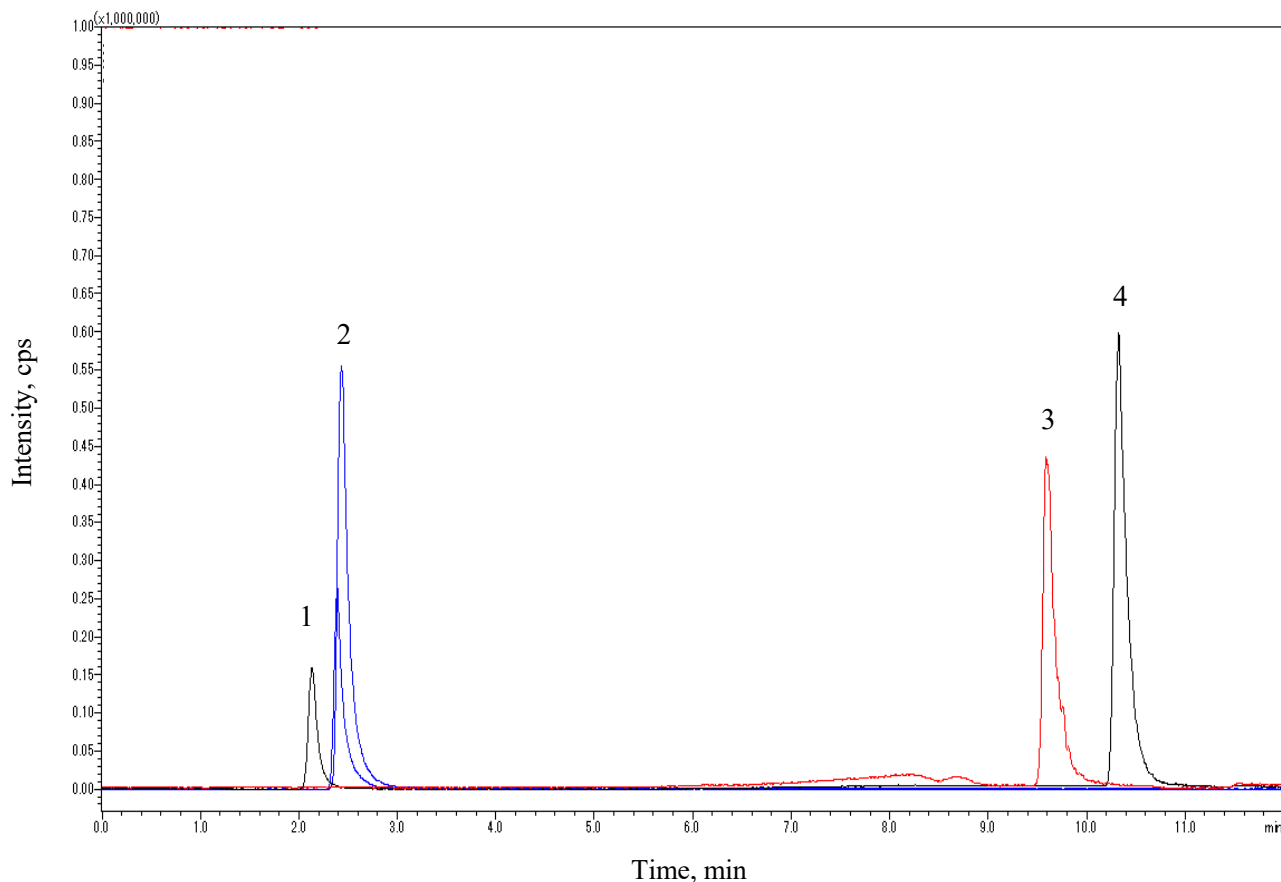


Analysis of Quaternary Amine Pesticides



Conditions

Column : Inertsil Hybrid-Z HILIC
(3.5 μm , 150 $\times$ 2.1 mm I.D, Metal free hardware)
Column Cat. No. : 5020-76210
Eluent : A) 0.1% HCOOH in CH₃CN
B) 100 mM HCOONH₄ in H₂O

Time (min)	A (Vol. %)	B (Vol. %)
0	85	15
2	85	15
10	50	50

Analyte

	Q1 / Q3
1. Chlormequat	122.0 / 58.2
2. Mepiquat	114.0 / 98.2
3. Paraquat	186.0 / 171.1
4. Diquat	183.1 / 157.1

(1 ng/mL of each)

Flow Rate : 0.3 mL/min
Col. Temp. : 40 $^{\circ}\text{C}$
Detection : MS/MS (ESI, Positive, MRM)
Injection Vol. : 1 μL