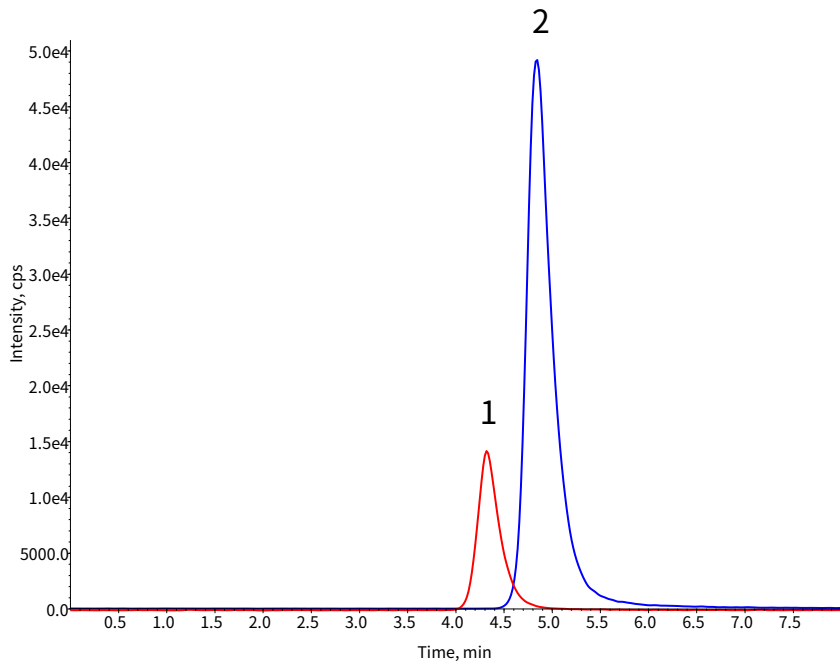


Analysis of Diquat and Paraquat

Data No. LB218-0848



Conditions

System	: LC800 HPLC system
	4000 QTRAP®
Column	: Inertsil WP300 SIL
	(3 µm, 100 x 2.1 mm I.D.)
Column Cat. No.	: 5020-
Eluent	: 0.2 % HCOOH + 150 mM HCOONH ₄
	in (CH ₃ CN/H ₂ O = 60/40, v/v)
Flow Rate	: 0.3 mL/min
Col. Temp.	: 40 °C
Detection	: LC/MS/MS (4000 QTRAP® ESI,
	Positive, MRM)
	CUR CAD IS TEM GS1 GS2
	10 7 4500 500 80 80
	Q1 Q3 DP EP CE CXP
Diquat	182.8 156.9 70 10 32 7
Paraquat	92.8 171.2 52 10 21 8

Analyte:	
1. Diquat dibromide	25 µg/L
2. Paraquat dichloride	25 µg/L

Injection Vol.	: 20 µL
Sample	: Standard