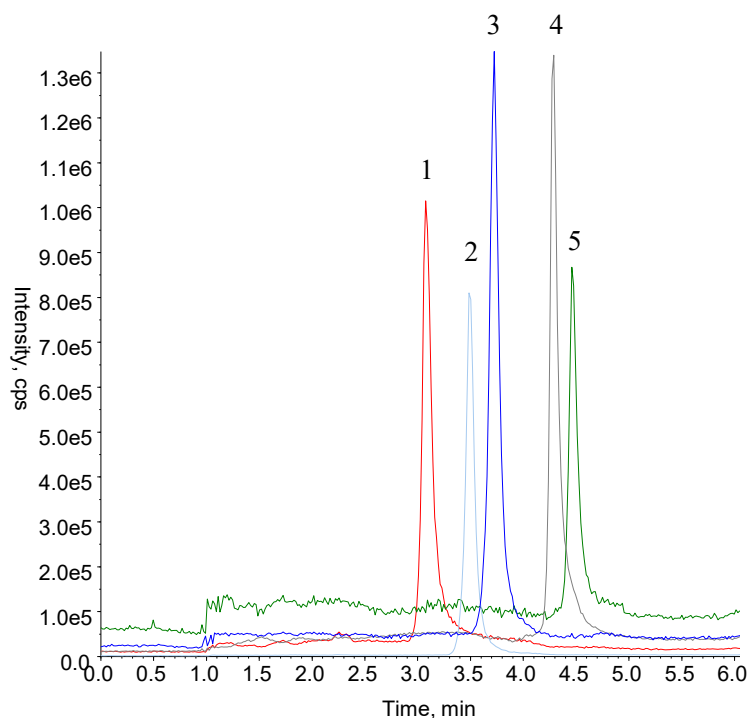


Analysis of Ethanol amines



Conditions

System : Exion HPLC System (SCIEX)
 QTRAP 6500+ LC-MS/MS System (SCIEX)
Column : InertSustain PFP (HP 3 μ m, 100 x 2.1 mm I.D.)
 (GL Sciences Inc.)
Cat. No. : 5020-87920
Eluent : A) CH₃CN
 B) 150 mM HCOONH₄ in H₂O

Time (min)	Flow Rate (mL/min)	A (vol%)	B (vol%)
0.0	0.2	82	18
2.5	0.4	82	18
3.5	0.4	40	60
5.0	0.4	40	60

Col. Temp. : 40 °C
Detection : LC/MS (ESI, Positive, SIM)
 CUR IS GS1
 35 5500 24
Injection Vol. : 2 μ L
Sample : Standard in H₂O

Analyte:		SIM
1. Triethanolamine	15 ng/ml	150.0
2. Ethanolamine	120 ng/ml	62.0
3. Diethanolamine	1.5 μ g/ml	106.0
4. Diethylethanolamine	45 ng/ml	89.0
5. Dimethylethanolamine	45 ng/ml	118.0