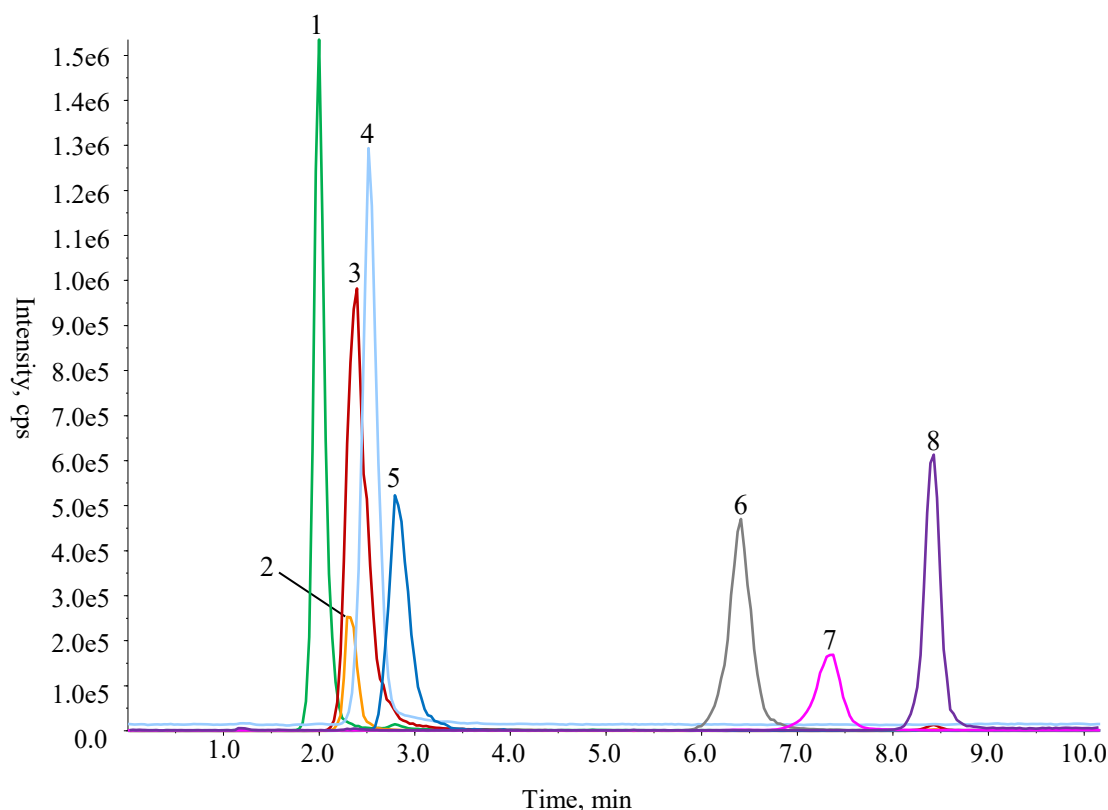


Analysis of Catecholamines and it's Metabolites



Conditions

System : ExionLC AD (SCIEX) Qtrap 6500+
Column : InertSustain PFP HP (GL Sciences Inc.)
 (3 μ m, 100 x 2.1 mm I.D.)
Column Cat. No. : 5020-87920
Eluent : A) 0.2 % HCOOH, 20 mM HCOONH₄ in CH₃OH
 B) 0.2 % HCOOH, 20 mM HCOONH₄ in H₂O

Time (min)	A %	B %
0.0	1	99
5.0	1	99
15.0	100	0
15.1	1	99
23.0	1	99

Flow Rate : 0.2 mL/min
Col. Temp. : 40 °C
Detection : MS/MS (ESI, Positive or Negative)
Injection Vol. : 1 μ L
Sample : Standard in CH₃OH

Analyte:

1. Norepinephrine (Q1/Q3 = 152.1/107.1)	10 mg/L
2. 3,4-Dihydroxybenzylamine Hydrobromide (Q1/Q3 = 138.1/122.1)	200 mg/L
3. Vanillylmandelic acid (Q1/Q3 = 197.1/136.9)	200 mg/L
4. DL-adrenalin (Q1/Q3 = 184.7/167.1)	10 mg/L
5. Dopamine (Q1/Q3 = 153.8/137.0)	200 mg/L
6. 5-Hydroxytryptamine (Q1/Q3 = 176.9/160.2)	1 mg/L
7. 5-Hydroxyindole-3-acetic acid (Q1/Q3 = 191.8/146.1)	1 mg/L
8. Homovanilic acid (Q1/Q3 = 181.1/137.0)	200 mg/L