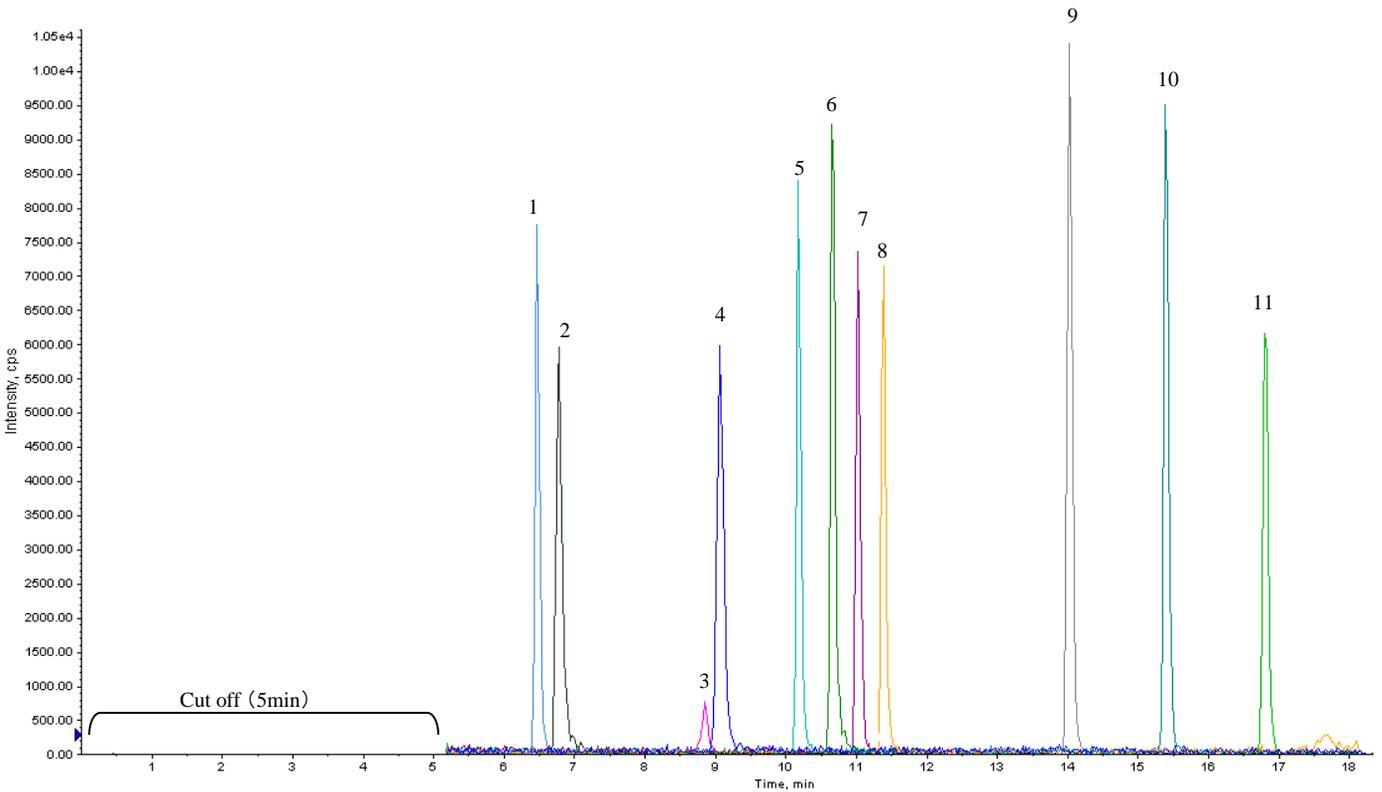


Analysis of Drugs by LC/MS/MS



Conditions

System : Symbiosis Pharma system (LC mode)
API 2000™

Column : Inertsil ODS-3 (3µm, 100 x 2.1 mm I.D.)

Column Cat. No. : 5020-04414

Eluent : A) CH₃CN
B) 0.1% HCOOH
A/B = 0/100 - 6 min - 90/10 - 12 min - 100/0, v/v

Flow Rate : 0.2 mL/min

Col. Temp. : 40 °C

Detection : LC/MS/MS (API 2000™: ESI, Positive, MRM)

Injection Vol. : 10 µL

Analyte : Drugs

Analyte:

Analyte	Concentration	Q1	Q3
1. Salbutamol	(7.5 µg/L)	240	148
2. Ranitidine	(15.0 µg/L)	315	176
3. Acetaminophen	(15.0 µg/L)	152	110
4. Theophylline	(20.0 µg/L)	181	124
5. Metoprolol	(22.5 µg/L)	268	116
6. Caffeine	(15.0 µg/L)	195	138
7. Propranolol	(12.5 µg/L)	260	116
8. Doxepin	(5.0 µg/L)	280	107
9. Carbamazepine	(5.0 µg/L)	237	194
10. Ketoprofen	(15.0 µg/L)	255	209
11. Indometacin	(20.0 µg/L)	358	139