

# HPLC Application

ID No.: 22148

## THC metabolites by LCMS using Kinetex 2.6u Biphenyl 50x2.1mm

**Column:** Kinetex® 2.6 µm Biphenyl 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4622-AN

**Elution Type:** Gradient

**Eluent A:** 0.1% formic acid

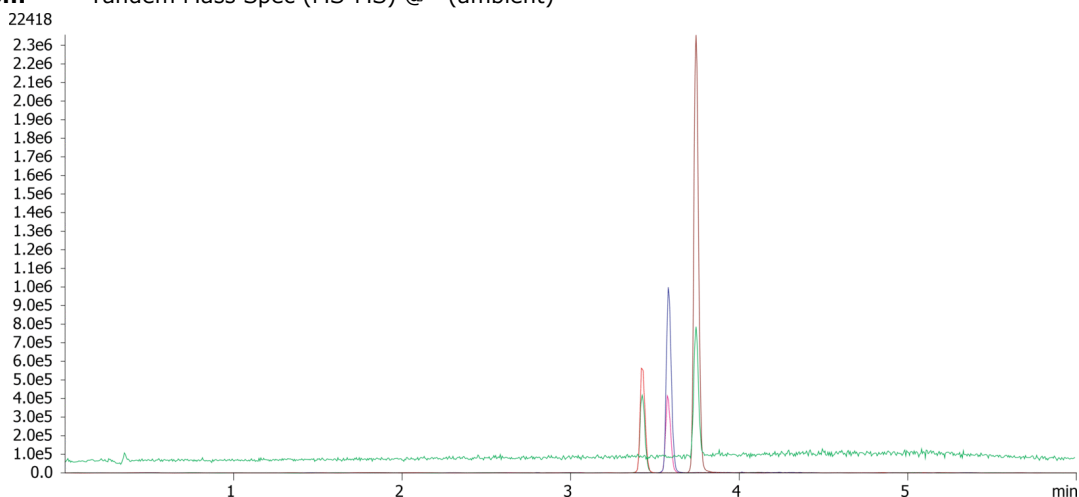
**Eluent B:** Methanol with 0.1% formic acid

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	50	50
	<b>2</b>	2.5	5	95
	<b>3</b>	4	5	95
	<b>4</b>	4.1	50	50
	<b>5</b>	6	50	50

**Flow Rate:** 0.4 mL/min

**Col. Temp.:** 40 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)



Products used in this application:



### ANALYTES:

**1** THC-OH

Retention Time: 3.4 min

**2** THC-COOH

Retention Time: 3.58 min

**3** THC

Retention Time: 3.7 min

