

HPLC Application

ID No.: 22156

Antiepileptics in methanol using Kinetex 5u Biphenyl 50x2.1mm

Column: Kinetex[®] 5 μ m Biphenyl 100 Å LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4627-AN

Elution Type: Gradient

Eluent A: Water with 0.1% formic acid

Eluent B: Methanol with 0.1% formic acid

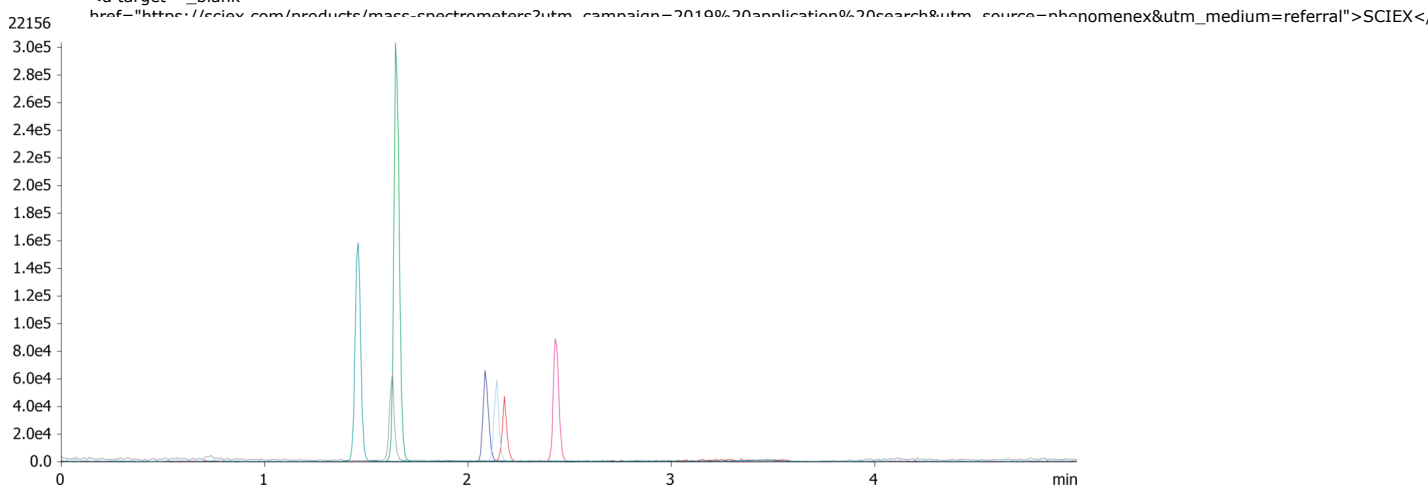
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	98	2
	2	3	5	95
	3	3.1	98	2
	4	6	98	2

Flow Rate: 0.5 mL/min

Col. Temp.: 40 °C

Detection: Tandem Mass Spec (MS-MS) @ (40 °C)

Detector Info:



Products used in this application:



ANALYTES:

- 1 Pregabalin
Retention Time: 1.46 min
- 2 Levetiracetam
Retention Time: 1.65 min
- 3 Gabapentin
Retention Time: 1.65 min
- 4 Lamotrigine
Retention Time: 2.09 min
- 5 Zonisamide
Retention Time: 2.14 min
- 6 Lacosamide
Retention Time: 2.18 min
- 7 MHD
Retention Time: 2.43 min

