

GC Application

ID No.: 25328

NDMA and NDEA by GC/MS on a ZB-624Plus (Valsartan Tablet #2)

Column: Zebtron ZB-624plus, GC Cap. Column 30m x 0.25mm x 1.4um, Ea

Phase: Proprietary Pesticides Phase

Dimensions: 30 meters x 0.25 mm x 1.4 µm

Order No: 7HG-G040-27

Oven Profile: 60°C for 1 min to 240°C @ 20°C/min 240°C for 1 min

Carrier Gas: Constant Flow Helium, 36.1 cm/sec

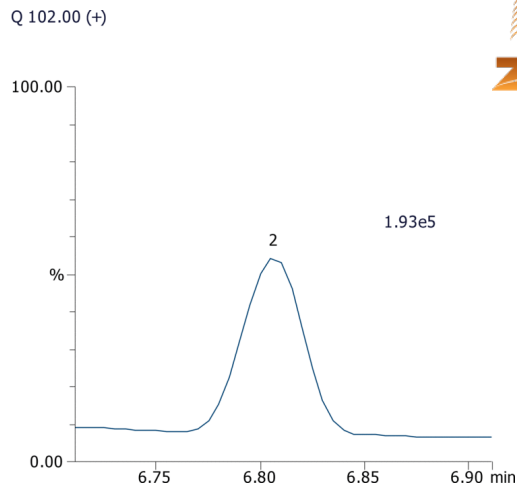
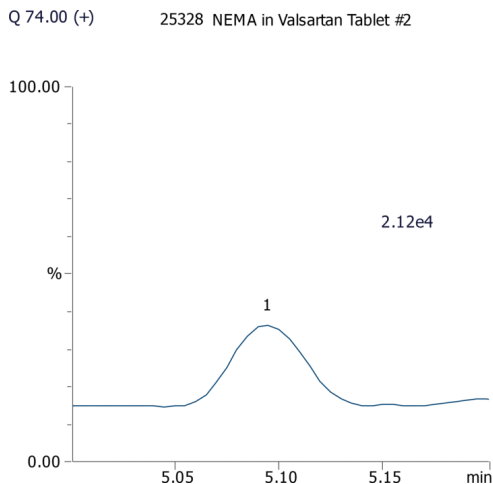
Injection: Split 10:1 1 µL @ 150°C

Detection: GC/MS (250°C)

Analyst Note: 500 mg Valsartan tablet (#2) analyzed and found to contain 10 ppb NDMA and 139 ppb NDEA Tablet was crushed



Products used in this application:



ANALYTES:

- 1 NDMA
Retention Time: 5.094 min
- 2 NDEA
Retention Time: 6.806 min