

# 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

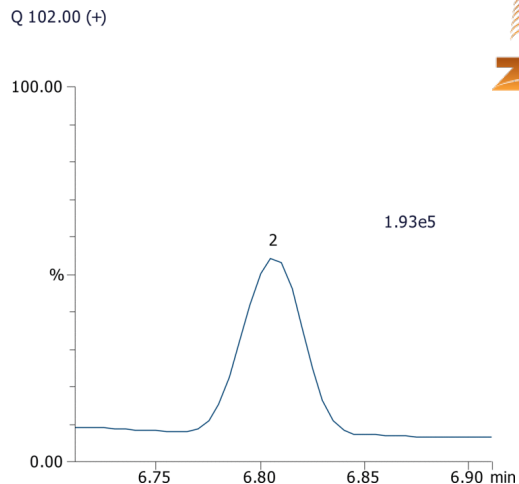
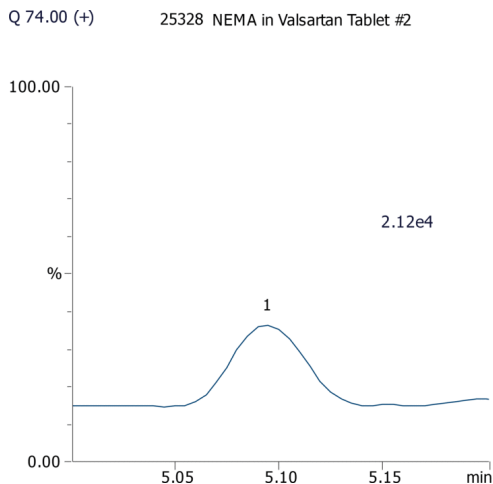
**Injection:** Split 10:1 1 µL @ 150°C

**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