## **GC Application**

ID No.: **25327** 



## NDMA and NDEA by GC/MS on a ZB-624Plus (Valsartan Tablet #1)

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

Proprietary Pesticides Phase Phase: **Dimensions:** 30 meters x 0.25 mm x 1.4  $\mu$ m

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)

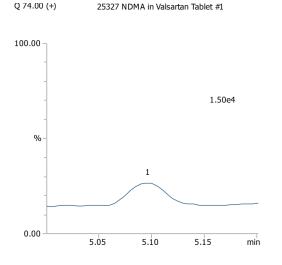
Analyst Note: 500 mg Valsartan tablet (#1) analyzed and found to contain 5 ppb NDMA and 264 ppb NDEA Tablet was crushed

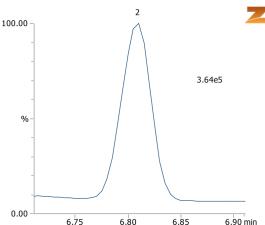
Q 102.00 (+)



Products used in this application:







## **ANALYTES:**

**NDMA** 

Retention Time: 5.096 min

NDEA 2

Retention Time: 6.809 min

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