

# Electronic Cigarette Liquid on Rtx-VMS (Helium)

**Column** Rtx-VMS, 30 m, 0.25 mm ID, 1.40  $\mu$ m (cat.# 19915)  
**Sample**  
**Diluent:** Methylene chloride  
**Conc.:** Electronic cigarette liquid diluted 100:1  
**Injection**  
**Inj. Vol.:** 1.0  $\mu$ L split (split ratio 200:1)  
**Liner:** Premium 4 mm Precision liner w/wool (cat.# 23305)  
**Inj. Temp.:** 250 °C  
**Oven**  
**Oven Temp.:** 100 °C to 260 °C at 35 °C/min (hold 0.25 min)  
**Carrier Gas** He, constant flow  
**Flow Rate:** 2.0 mL/min  
**Linear Velocity:** 44.4 cm/sec @ 100 °C  
**Detector** FID @ 250 °C  
**Make-up Gas**  
**Flow Rate:** 50 mL/min  
**Make-up Gas**  
**Type:** H<sub>2</sub>  
**Hydrogen flow:** 40 mL/min  
**Air flow:** 400 mL/min  
**Instrument** Agilent 7890A GC

Peaks	tr (min)
1. Methanol	1.285
2. Ethanol	1.355
3. Methylene chloride	1.430
4. Propylene glycol	2.174
5. Unknown	3.371
6. Glycerin	3.446
7. Nicotine	4.632

