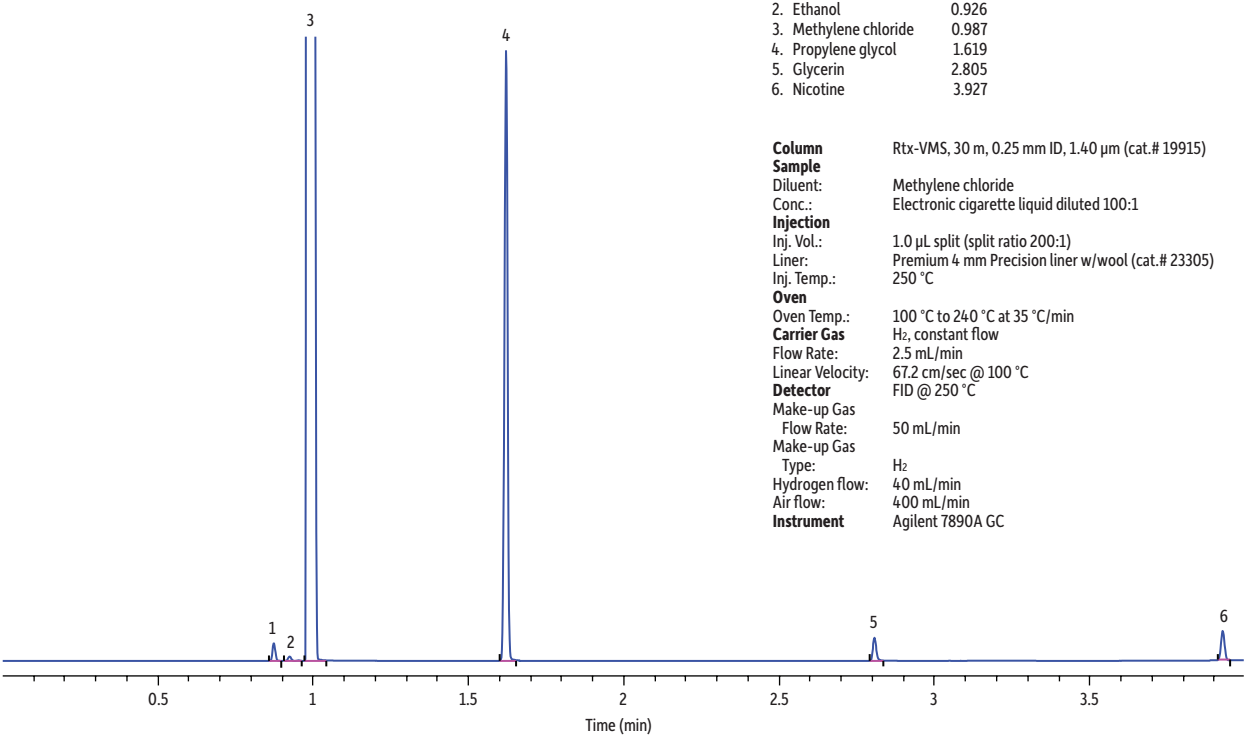
Electronic Cigarette Liquid on Rtx-VMS (Hydrogen)



GC_FF1258

Peaks	t_R (min)
1. Methanol	0.875
2. Ethanol	0.926
3. Methylene chloride	0.987
4. Propylene glycol	1.619
5. Glycerin	2.805
6. Nicotine	3.927

Column	Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm (cat.# 19915)
Sample	
Diluent:	Methylene chloride
Conc.:	Electronic cigarette liquid diluted 100:1
Injection	
Inj. Vol.:	1.0 µL 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 240 °C at 35 °C/min
Carrier Gas	H_2, constant flow
Flow Rate:	2.5 mL/min
Linear Velocity:	67.2 cm/sec @ 100 °C
Detector	FID @ 250 °C
Make-up Gas Flow Rate:	50 mL/min
Make-up Gas Type:	H_2
Hydrogen flow:	40 mL/min
Air flow:	400 mL/min
Instrument	Agilent 7890A GC

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