## GC Application



## **Massachusetts EPH - Aliphatic Fraction on ZB-5MS**

Column:	Zebron <sup>™</sup> ZB-5MS, GC Cap. Column 30 m x 0.32 mm x 0.25 µm, Ea	
Phase:	5% Phenyl-Arylene 95% Dimethylpolysiloxane	
Dimensions:	30 meters x 0.32 mm x 0.25 µm	
Order No:	7HM-G010-11	
<b>Oven Profile:</b>	60°C for 1 min to 290°C at 8°C/min for 6.75 min	

Carrier Gas:	Constant Flow Helium, 3 mL/min
Injection:	Splitless :1 2 µL @ 285°C

**Detection:** Flame Ionization (FID) (315°C)

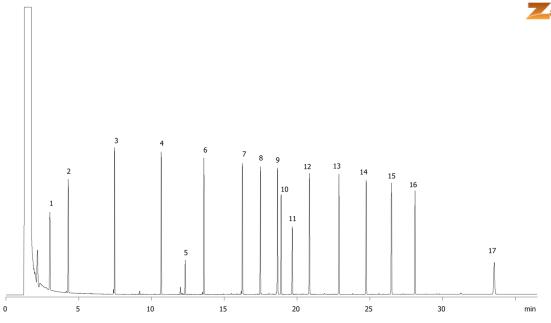
Analyst Note: Analytes are 50ppm and IS and Surrogates are 40ppm for fractionation.



Products used in this application:



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## **Massachusetts EPH - Aliphatic Fraction on ZB-5MS**

## **ANALYTES:**

- 1 C9
- 2 C10
- 3 C12
- C14 4
- 5 Butylhydroxytoluene
- C16 6
- C18 7
- C19 8
- 9 C20
- 10 5-alpha-Androstane
- 11 1-Chloro-octadecane
- 12 C22
- **13** C24
- 14 C26
- 15 C28
- **16** C30
- 17 C36

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