

GC Application

ID No.: 16229

Aromatics on ZB-5MS

Column: Zebron[™] ZB-5MS, GC Cap. Column 30 m x 0.32 mm x 1.00 μm, Ea
Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.32 mm x 1 μm
Order No: 7HM-G010-22
Oven Profile: 55 °C for 2 min to 95 °C at 10 °C/ min for 4 min to 220 °C at 10 °C/ min

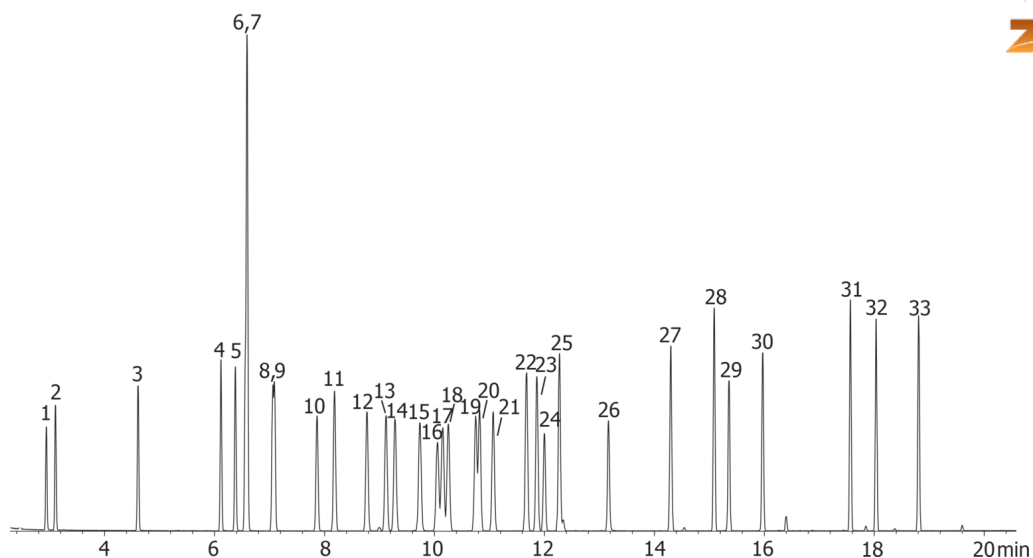
Carrier Gas: Constant Flow He, 1.6 mL/min
Injection: Split 20:1 1 μL @ 250°C
Detection: Mass Selective (MSD) (275°C)
Analyst Note: The analytes are 100ppm in Methylene Chloride



Products used in this application:



16229



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ANALYTES:

- 1 Benzene
- 2 Fluorobenzene
- 3 Toluene
- 4 Chlorobenzene
- 5 Ethylbenzene
- 6 m-Xylene
- 7 p-Xylene
- 8 Styrene
- 9 o-Xylene
- 10 1-Methylethylbenzene
- 11 Bromobenzene
- 12 Propylbenzene
- 13 4-Ethyltoluene
- 14 1,3,5-Trimethylbenzene
- 15 a-Methylstyrene
- 16 Ethoxybenzene
- 17 tert-Butylbenzene
- 18 1,2,4-Trimethylbenzene
- 19 2-Methylpropylbenzene
- 20 1-Methylpropylbenzene
- 21 1,4-Dichlorobenzene
- 22 1,2-Dichlorobenzene
- 23 Iodobenzene
- 24 Diethylbenzene
- 25 Butylbenzene
- 26 Nitrobenzene
- 27 1,3,5-Trichlorobenzene
- 28 1,4-Diisopropylbenzene
- 29 2-Nitro-m-xylene
- 30 1,2,3-Trichlorobenzene
- 31 1-Bromo-3-phenyl-propane
- 32 1,2,4,5-Tetrachlorobenzene
- 33 1,2,3,4-Tetrachlorobenzene

