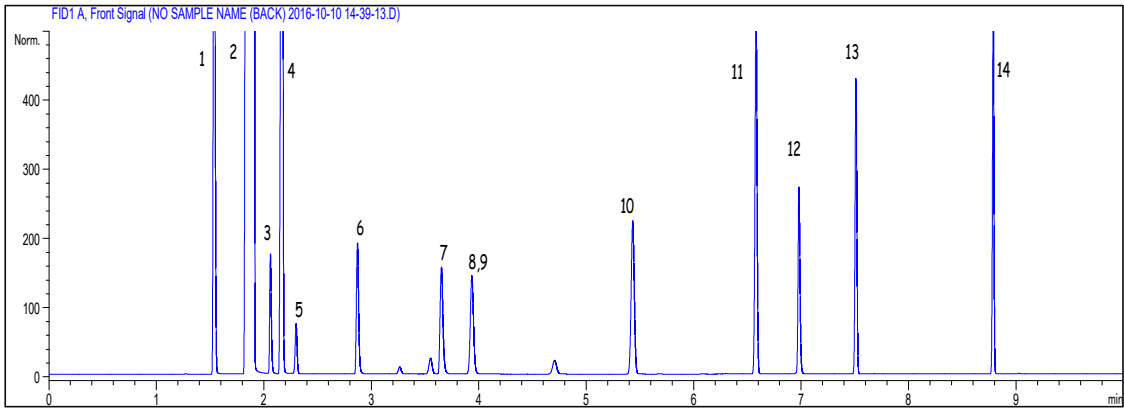


汽油中的常见杂质在NanoChrom BP-BioEtOH上的分离与检测



Column: NanoChrom BP-BioEtOH
 Dimension: 30m×0.25mm×1.0μm
 Carrier: Hydrogen, column flow: 1.5 mL/min
 Inlet: 275 °C, Split 30: 1
 Oven: 40 °C (hold 5 min) to 300 °C (hold 1 min)
 Inject: 0.1 μL
 Detector: FID 323 °C

Peak	Compound	Retention time (min)	Resolution
1	Methanol (甲醇)	1.536	
2	Ethanol (乙醇)	1.907	
3	Acetone (丙酮)	2.060	
4	Isopropyl alcohol (异丙醇)	2.170	3.56
5	Pentane (戊烷)	2.299	3.89
6	n-Propanol (正丙醇)	2.870	
7	2-Butanol (2-丁醇)	3.651	
8	Ethyl acetate (乙酸乙酯)	3.934	
9	Hexane (己烷)	3.934	0.00
10	Benzene (苯)	5.432	
11	Heptane (庚烷)	6.579	
12	Acetal (缩醛)	6.978	
13	Toluene (甲苯)	7.509	
14	Xylene (二甲苯)	8.786	