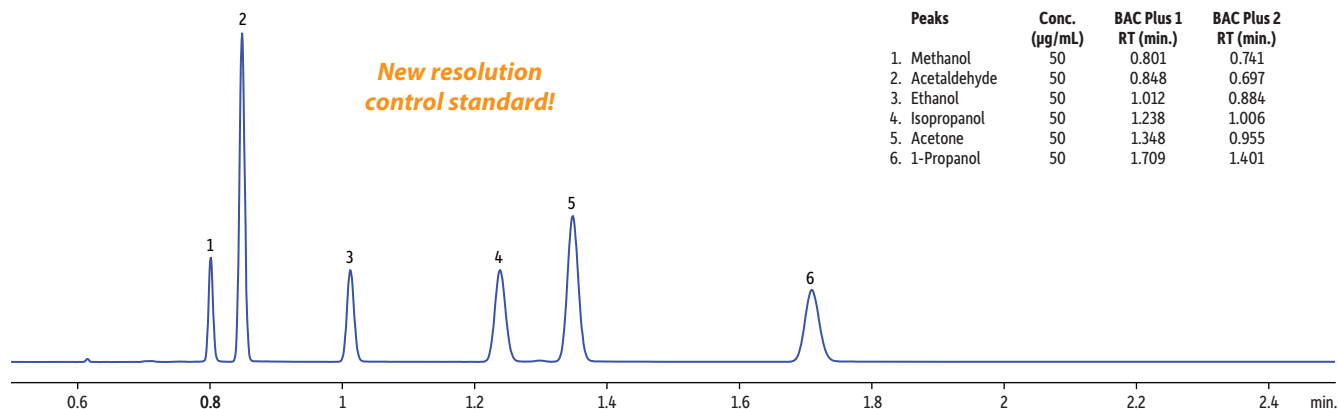
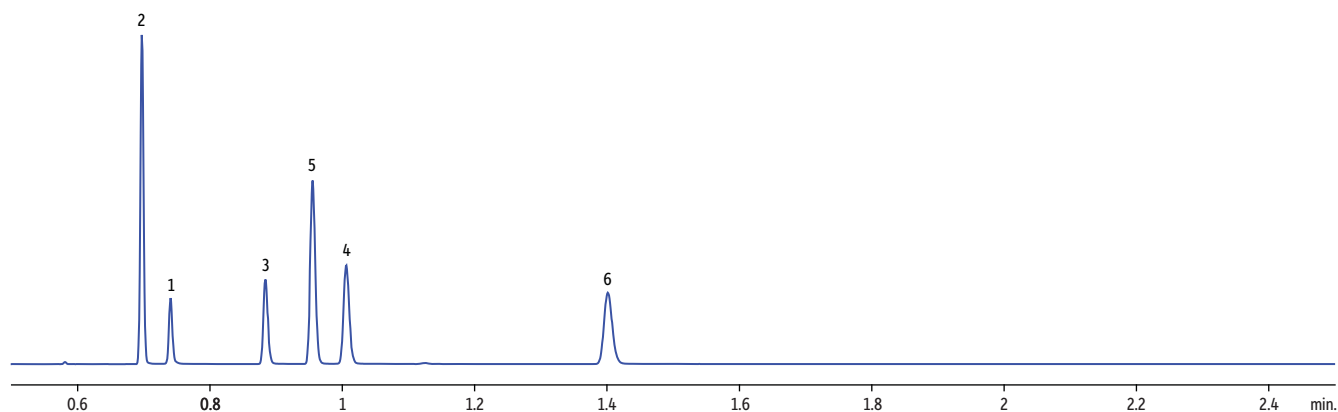


# BAC Resolution Control Standard n-P on Rtx®-BAC Plus 1 and Plus 2 Column Set

## Rtx®-BAC Plus 1



## Rtx®-BAC Plus 2



GC\_CF1160

<b>Columns</b>	Rtx®-BAC Plus 1 30 m, 0.32 mm ID, 1.8 µm (cat.# 18004) and Rtx®-BAC Plus 2 30 m, 0.32 mm ID, 0.6 µm (cat.# 18006) using Rxi® guard column 5 m, 0.32 mm ID (cat.# 10039) with Universal "Y" Press-Tight® connector (cat.# 20405-261)	<b>Vial Pressure:</b> 30 psi <b>Pressurize Time:</b> 2 min. <b>Loop Pressure:</b> 20 psi <b>Loop Fill Time:</b> 1 min.
<b>Sample Conc.:</b>	BAC resolution control standard n-P (cat.# 36010) 50 µL of standard was diluted with 950 µL water in a 20 mL headspace vial.	<b>Oven</b> <b>Oven Temp:</b> 40 °C (hold 3 min.) <b>Carrier Gas</b> <b>Carrier Gas:</b> He, constant flow <b>Linear Velocity:</b> 80 cm/sec.
<b>Injection Liner:</b>	headspace-loop split (split ratio 50:1) 1 mm straight inlet liner (cat.# 20972)	<b>Detector</b> <b>Make-up Gas Flow Rate:</b> 30 mL/min. <b>Make-up Gas Type:</b> N <sub>2</sub>
<b>Headspace-Loop Inj. Port Temp.:</b>	200 °C	<b>Instrument Notes</b> Agilent/HP6890 GC The Rtx®-BAC Plus 1 and Plus 2 columns were connected to the injection port using a ~12 inch section of guard column between the injection port and the Universal Y Press-Tight® connector.
<b>Instrument:</b>	Tekmar HT3	<b>Headspace concentrator courtesy of Teledyne Tekmar, Mason, OH.</b>
<b>Inj. Time:</b>	1 min.	
<b>Transfer Line Temp.:</b>	125 °C	
<b>Valve Oven Temp.:</b>	125 °C	
<b>Sample Temp.:</b>	60 °C	
<b>Sample Equil. Time:</b>	5 min.	