Gases
Analysis of C₂ components in air

Application Note

Environmental

Authors
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Introduction
Gas chromatography with an Agilent 490 Micro GC and HayeSep A column module separates acetylene, ethylene, ethane, and carbon dioxide in air in 28 seconds.
Conditions

Technique: Micro-GC
Column: Agilent CP-HayeSep A
Temperature: 30 °C
Carrier Gas: He
Detector: TCD

Peak identification

| Concentration: 
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1. air</td>
</tr>
<tr>
<td>2. carbon dioxide</td>
</tr>
<tr>
<td>3. ethylene</td>
</tr>
<tr>
<td>4. ethane</td>
</tr>
<tr>
<td>5. acetylene</td>
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</tbody>
</table>