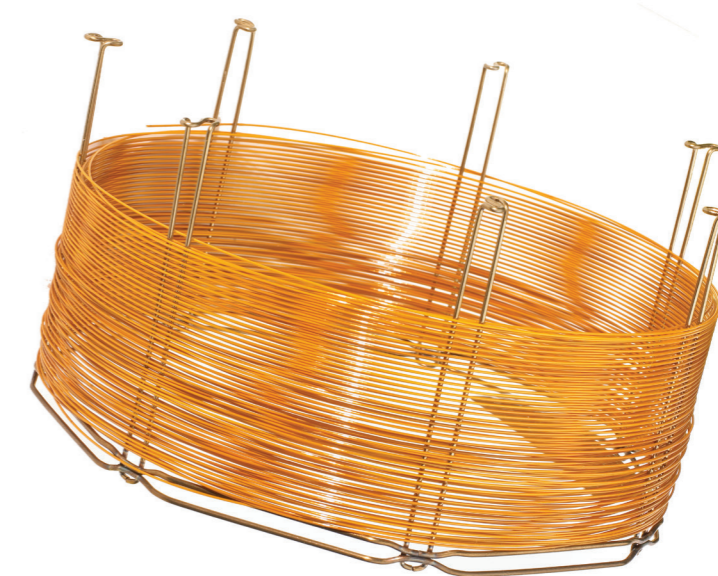
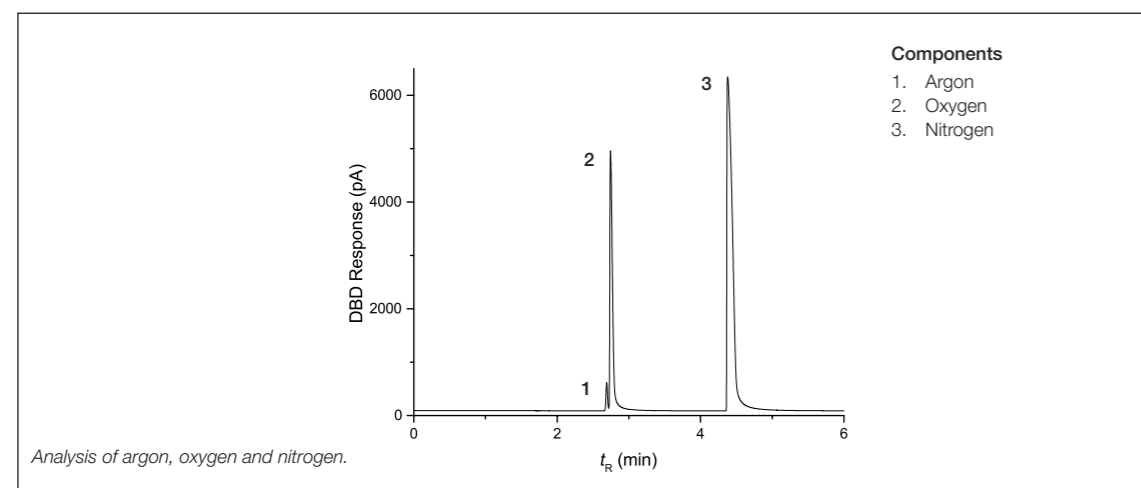


BP BOND Molsieve 5A

High resolution analysis of permanent gases

| | | | |
|---------------------|----------------------------|-------------------|-----------------|
| Column part number | 0572233 | | |
| Phase | BP BOND Molsieve 5A | Final temperature | 150°C |
| Column | 25 m x 0.32 mm x 30 µm | Detector | FID, 250°C |
| Sample | Argon, oxygen and nitrogen | Carrier gas | He |
| Initial temperature | 60°C, 2 min | Carrier gas flow | 30 mL/min |
| Rate | 10°C/min | Injection mode | Split/splitless |



Minimal bleed | Highly inert
Temperature stable

Distributed By



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Trajan Scientific and Medical

Science that benefits people

Trajan is actively engaged in developing and delivering solutions that have a positive impact on human wellbeing. Our vision revolves around collaborative partnerships that improve workflows, delivering better results.

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GC PLOT columns
For analysis of gases and volatiles

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The analysis of gases and volatiles has historically been challenging for gas chromatographers. The need to maintain resolution for very volatile compounds has meant that many methods are still based on traditional packed columns. This is limiting as packed columns offer low resolution and are often dedicated to one specific analysis.



Minimal bleed | Highly inert
Temperature stable

BP BOND PLOT columns

PLOT columns are ideal for separating compounds that are gases at room temperature. Trajan Scientific and Medical offers the BP BOND range of PLOT columns for analysis of fixed gases, low molecular weight hydrocarbons, volatile polar compounds and reactive analytes such as sulfur gases, amines and hydrides.

BP BOND PLOT columns are engineered to prevent the stationary phase particles from shredding downstream. Columns have been manufactured for stability at high temperatures, low bleed and high inertness levels.

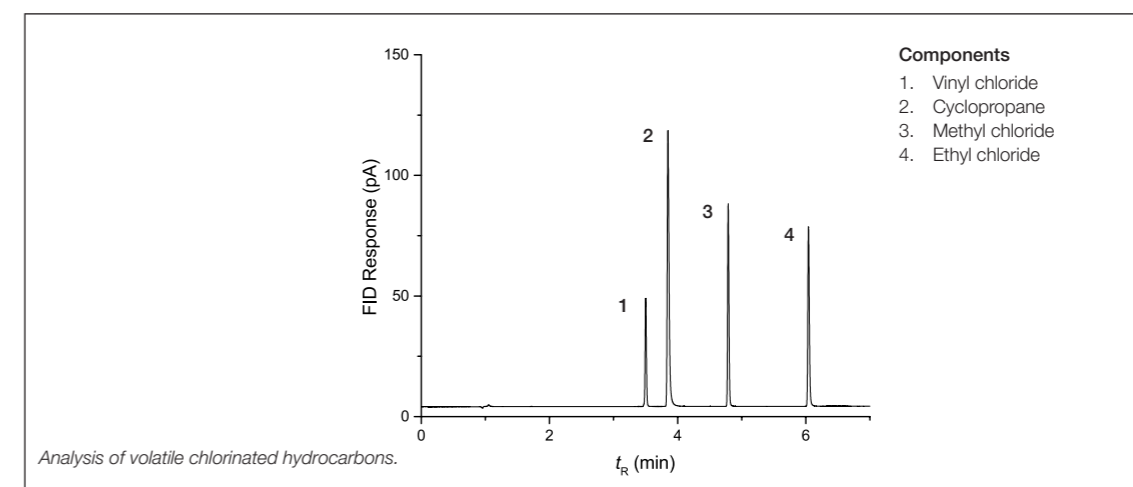
BP BOND PLOT columns are available in three different phases:

- BP BOND Q for volatile solvents and hydrocarbons.
- BP BOND U for trace hydrogen sulfide (H₂S), carbonyl sulfide (COS) and mercaptans in hydrocarbon streams.
- BP BOND Molsieve 5A for permanent gases, refinery and natural gases.

BP BOND Q

Highly stable column for non-polar and semi-volatile compounds

| | | | |
|---------------------|--|------------------|-----------------|
| Column part number | 0570235 | | |
| Phase | BP BOND Q | Detector | FID, 250°C |
| Column | 25 m x 0.32 mm x 5 µm | Carrier gas | He |
| Sample | Volatile chlorinated hydrocarbons 100 ppm each | Carrier gas flow | 30 mL/min |
| Initial temperature | 250°C | Injection mode | Split/splitless |



BP BOND U

Highly polar column for polar and non-polar volatiles

| | | | |
|---------------------|-------------------------------|------------------|-----------------|
| Column part number | 0571237 | | |
| Phase | BP BOND U | Detector | FID, 250°C |
| Column | 25 m x 0.32 mm x 7 µm | Carrier gas | He |
| Sample | Alkyl mercaptans 100 ppm each | Carrier gas flow | 30 mL/min |
| Initial temperature | 250°C | Injection mode | Split/splitless |

