



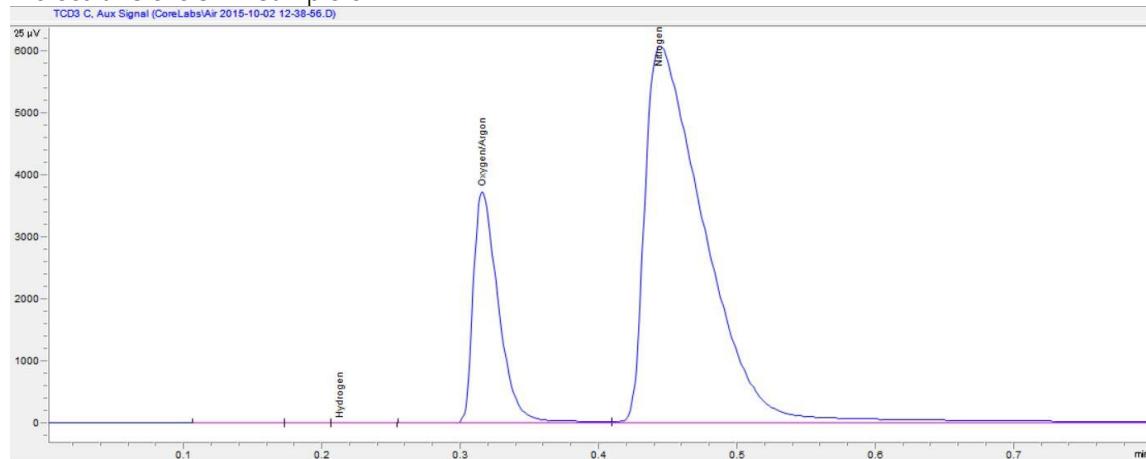
## Micropacked GC Columns - PIB CS21005

As we have a high level of expertise in gas analysis and we are producing 1/16" Micropacked columns for bespoke gas analysis. They will come as individual columns or as column sets.

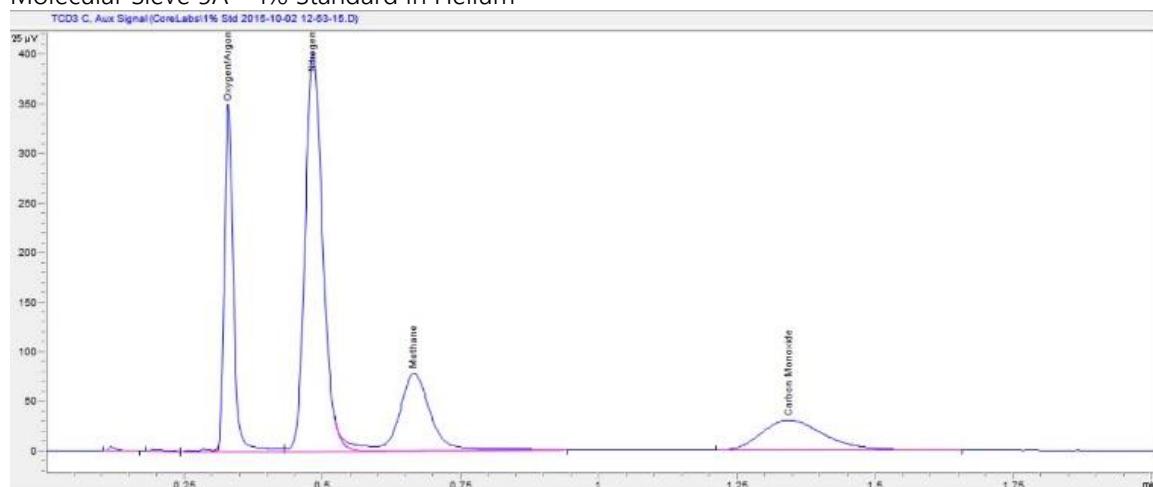
All columns come with a test chromatograms and conditions (flows, temperatures and recommended valve switch times for multicolumn analysis). These columns have several advantages over capillary columns for gas analysis in the laboratory and process environments.

- 1) Dynamic Range (ppm to 100%) with no overloaded peak shapes
- 2) Capacity - 10 times sample capacity compared to 0.25um capillary columns
- 3) Sample Loading - Up to 1ml sample directly injected with no column broadening
- 4) Speed Faster - Due to column flows
- 5) Resolution – Due to short lengths, small particle size and faster carrier flows
- 6) Ease of use for multidimensional chromatography (i.e. backflush)
- 7) Ease of connection (1/16" Valco or Swagelok) for connection to valves and fittings
- 8) Cost columns <50% of capillary columns
- 9) Guaranteed to work with your application
- 10) Method running

### Molecular Sieve 5A – Sample of Air



### Molecular Sieve 5A – 1% Standard in Helium



Please contact us if you have a specific requirement.

<https://www.chromsolutions.co.uk/contactus.html>