

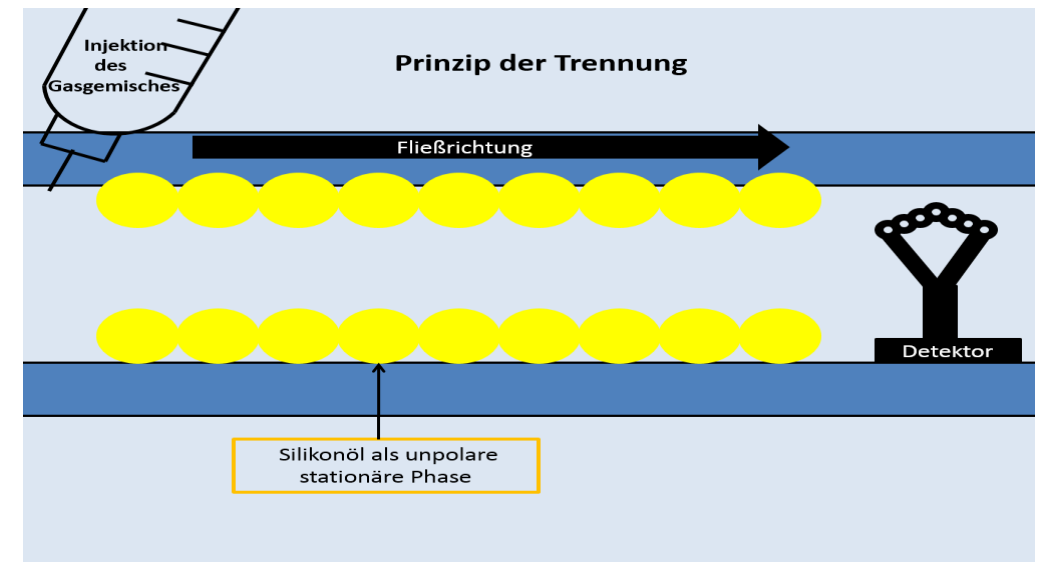
# GC separation



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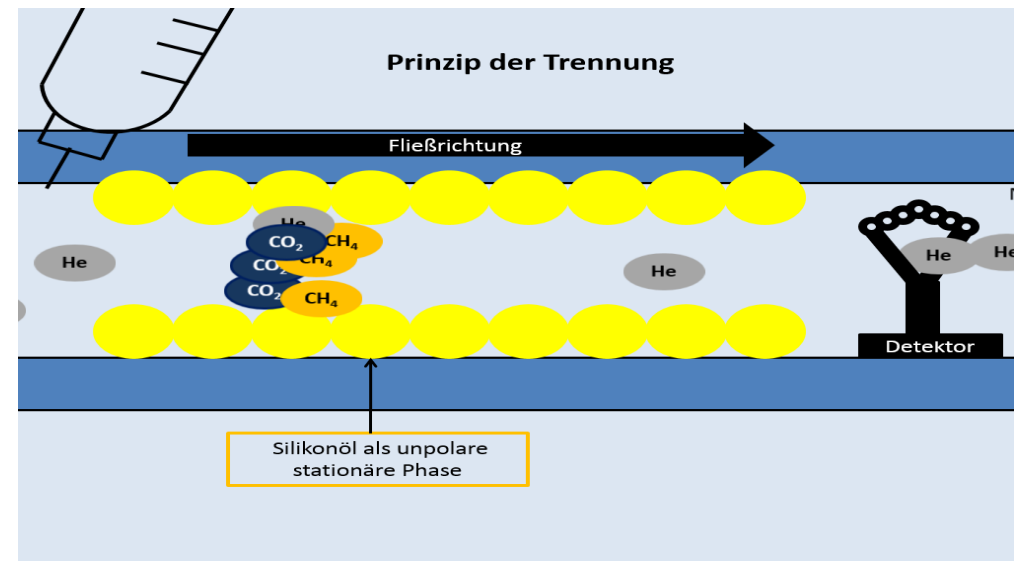
# GC separation

- Mixture of gases get injected to the column
- Mobile phase because its moving
- Stationary phase because its not moving
- The helium pushes the mixture of gases through the column



# GC separation

- The column is coated inside with a non-polar material
- The material interacts stronger with a non-polar gas
- The non-polar gas has a longer retention time in the column
- Smaller molecules are faster than bigger ones



# Prinzip der Trennung

