

# NEWSLETTER

## GeoIsoChem Corporation

*High precision fast isotope analysis, modeling and consultation.*



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**P.2. Fluid Inclusion:** Innovative technique, Online and/or Offline isotope analysis

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### THE WORLD'S MOST ADVANCED CONTINUOUS FLOW MASS SPECTROMETRY

A new Delta V Advantage, coupled with Ultra Trace GC, GC Isolink, and ConFlo IV has been installed in GeoIsoChem last month. It provides precise measurements of stable carbon and hydrogen isotope ratios of natural gases, oil, fluid inclusion. The GC Isolink operated in

GeoIsoChem is the first one installed in USA, which offers the quick and automatic switching between Combustion mode and High Temperature Conversion mode. This assures the fast turnaround of our samples.

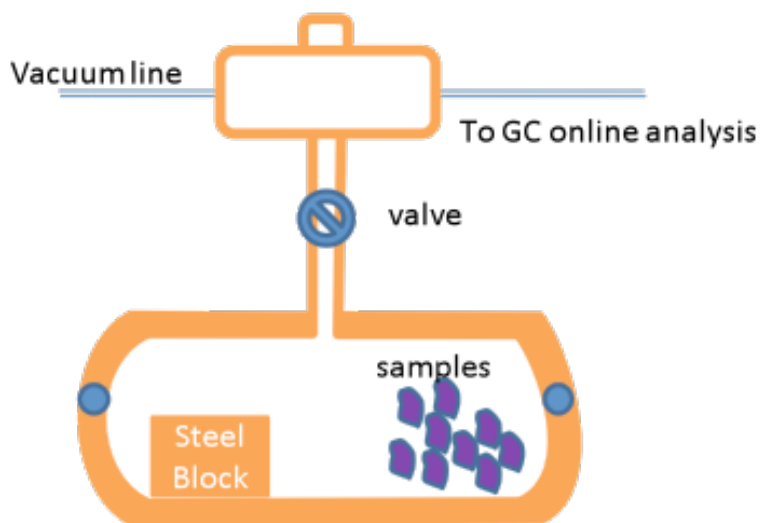


## THE FIRST GC ISOLINK INSTALLED IN USA

- Coupled with multi-element irm-GC/MS
- As easy as GC/MS
- Fully automatic switching for measurement of Carbon, Hydrogen
- Straightforward switching by carrier gas flow
- No additional capillary work
- No extra reduction oven



## STABLE ISOTOPE ANALYSIS OF FLUID INCLUSION



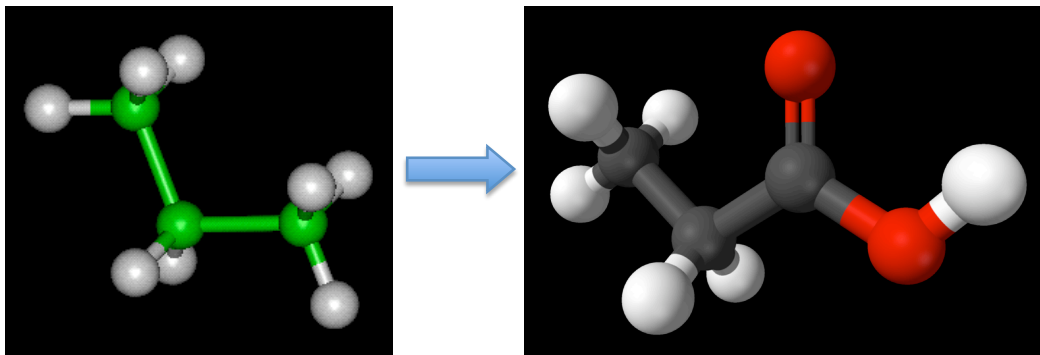
- Innovative and effective technique to extract the gases in the fluid inclusion
- On line and/or off line analysis
- Provide critical information on the natural gas production



### COMMENTS AND QUESTIONS?

Please feel free to contact us, we will respond to your questions promptly. We are dedicated to provide our customers the best services, the high-precision isotopic analysis, and professional consultations.

# Intramolecular Isotope Analysis



Intramolecular carbon isotopic ratios:

- May carry genetic information of Kerogen
- Correlate with Maturity
- Provide critical information on the deposit environment



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