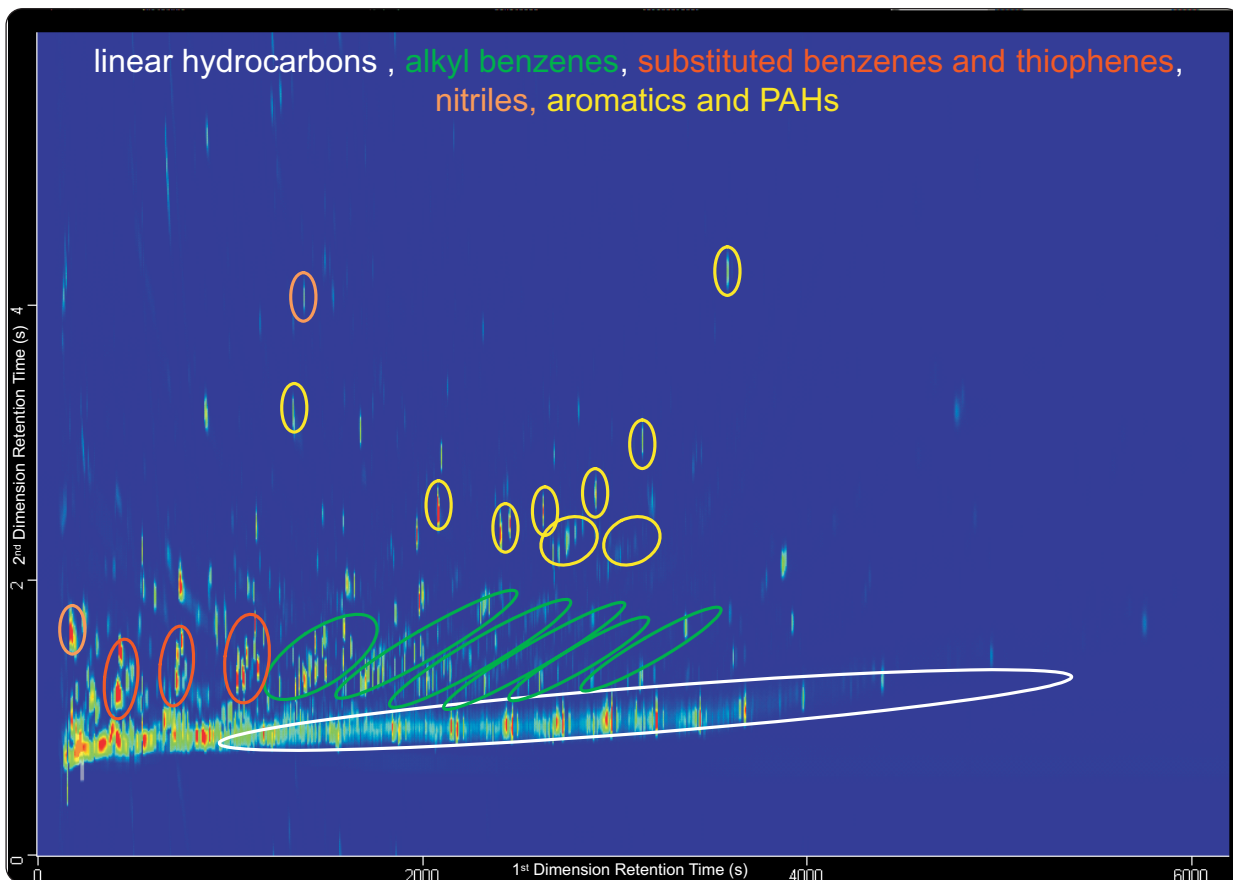


# Meteorite Analysis by GCxGC-TOFMS

Life Science and Chemical Analysis Centre  
LECO Corporation, Saint Joseph, Michigan USA

Application Snapshot



**Total Ion Chromatogram (TIC) of the pyrolysate generated at 600°C of a Murchison Meteorite sample. Circled regions highlight compounds with structural similarities.**

#### Columns:

30 m x 0.25 mm x 0.15  $\mu\text{m}$  DB-1  
1.75 m x 0.10 mm x 0.10  $\mu\text{m}$  DB-Wax

#### TOFMS:

45 to 305 m/z @ 200 spectra/s

For questions on this analysis  
e-mail us at: [life\\_science@leco.com](mailto:life_science@leco.com)

For a complete listing of snapshots  
and application notes visit us on the  
web at [www.leco.com](http://www.leco.com)



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