

# Environmental Forensics



Combining Ultrafast Technology  
with Ultrahigh Sensitivity



Environmental Forensics is similar to criminal forensics – who is at fault and when did it happen?

It relates to evidence and precision and it typically begins with a simple whole oil / BTEX-F1-4, C60+ analysis as an initial fingerprint. Frequently, additional analysis is essential to acquire more detail:

- Biomarkers (similar to small fossils) resist weathering and biodegradation
- Altered biomarkers can be seen in different products and the ratios of biomarkers can yield significant amounts of information.

We are a specialty lab that specializes in the hard to test for and non-routine matrices.

**If you have a problem, we can solve it.**



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# Environmental Forensics

Environmental forensics is the presentation of defensible scientific techniques to address inquiries associated with the discharge histories and causes of pollution in the environment. Environmental forensics mostly comprises the reconstruction of historical environmental dealings, such as the timing, categories and quantities, and sources of chemical discharges to the environment. These inquiries frequently relate to understanding the accountabilities for contaminated sites in a regulatory and/or legal framework. These methods are also essential to environmental due diligence for mergers and acquisitions. Methods such as chemical fingerprinting, chemical fate and transport modeling, hydrogeological investigation, and recreating operational histories, amongst others are integral to various examinations. These and novel techniques, continue to advance and have come to be more refined over the time, as have the kinds of complications to which they are applied.

Life Science Forensics is comprised of top PhD chemists and microbiologists who have decades of experience dealing with non-routine challenges. **Our passion is to use science to help our clients solve their problems. Let us help you today.**

