



**Dear patrons and readers,**

This edition of Fresh brings you the focus on soil pollution monitoring at the industrial, agriculture storage areas and surrounding. There are many scenarios in which soil can become contaminated by hydrocarbon products. Leakage from fuel storage tanks or transfer lines as well as storm water runoff from vehicle washing areas are just two examples. In environmental monitoring or land reclamation, therefore, it is important to test soil for contamination.

PerkinElmer has the experience - and the instrument solutions - to support and sustain the environmental applications. In this edition of Fresh, you will find instrument solutions; applications to show you how important are the soil pollution monitoring for environmental protection.

Your comments and suggestions about this Fresh edition are welcome

For more information log on to [www.perkinelmer.in](http://www.perkinelmer.in)

**Team Marketing - PerkinElmer**


**Characterization of Soil Pollution by TG-IR Analysis**

Thermogravimetric analysis coupled to infrared spectroscopy (TG-IR) can provide detailed information about the amount and nature of the pollution, while requiring no sample preparation at all. [\(Click here for detail application\)](#)


**Understanding the Carbon- Nitrogen ratio in the soil**

Understanding the health of the soil in which crops grow is fundamental in ensuring healthy yields. Two elements that are essential to this are Carbon and Nitrogen, especially in their proportion to each other. This relationship is called the Carbon-Nitrogen or CN ratio. [\(Click here for detail application\)](#)


**Total Mercury in Fish and Agricultural Plant Materials**

Because there is no sample dissolution required, this novel approach can determine the total mercury content in these types of samples in less than five minutes, which is significantly faster than the traditional wet chemical reduction method for quantifying mercury. [\(Click here for detail application\)](#)

**News updates:**

PerkinElmer Signs Agreement to Acquire **CambridgeSoft Corporation** and Completes Purchase of ArtusLabs, Inc.

**CambridgeSoft**  
Life Science Enterprise Solutions

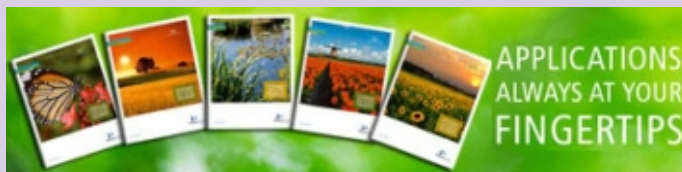


PerkinElmer Introduces **New Supra-Clean™ and Supra-Poly™** Solid Phase Extraction (SPE) Solutions



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