

Rapid Response Real-Time Chemical Analysis



Solutions for the Lab & Field



TRF Technology

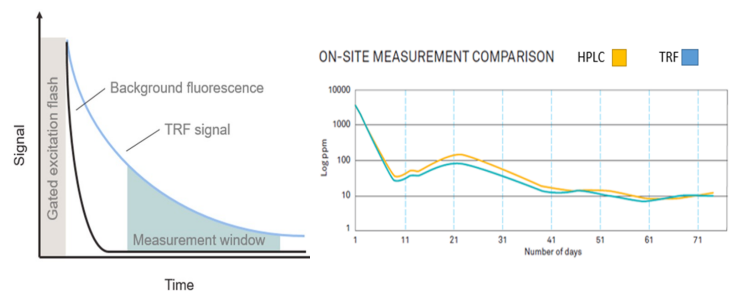
Scaled Solutions has extensive experience in the analysis of field water samples and production chemicals.

Rapid response, real-time chemical monitoring technology is now available at Scaled Solutions for use in both the field and laboratory.

This technology is being developed to encompass not only the currently available scale inhibitor analysis, but also a wider range of production chemicals.

The TRF technology offers;

- Turnaround times of < 25 mins/sample.
- A high level of analytical accuracy.
- Easy to use single piece of compact equipment.
- Technology developed using high TDS salinity field waters, with proven iron tolerance up to 100 mg/l Fe.
- Excellent correlation with analysis obtained using standard methods.



Key Papers

- Sarah J. Ewing, Nicole Hunter, Kirsty MacKinnon, Kelly Whittingham, Gordon M. Graham (Scaled Solutions Ltd.); and Stephen Heath (Baker Hughes); “Phosphonate Speciation - Challenges and Solutions”, Paper SPE 190698.
- Stephen Heath, (Baker Hughes); Gill Ross (Shell UK Ltd); Kirsty MacKinnon and Gordon Graham (Scaled Solutions Ltd.); “The importance of Scale Inhibitor Analysis in Scale Management—A State of the Art Overview to Provide Cost Effective Scale Control from Simple to Complex Production Scenarios”, Paper SPE-179900.
- Stephnie Peat, David Nichols (Scaled Solutions Limited) “Time Resolved Fluorescence Analysis for Oilfield Production Chemicals” , Chemistry in the Oil Industry XVI: "New Chemistries for Old Problems" RSC Manchester 2019

Truly Independent Laboratory

At Scaled Solutions, our mission is to be recognised worldwide through our independent specialised laboratories as the leading supplier of bespoke equipment, training, consultancy and provider of solutions to challenges in Production Chemistry, Corrosion and Formation Damage.

We aim to exceed our customers’ expectations and improve our service to our customers on a continual basis through our key values: team work & communication, openness & transparency, continual improvement and trust.

Quality, Integrity, Safety and Excellence

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