

2019 PAC SIMDIS Analyzer Training - Rotterdam
Dedicated Training to Improve Performance, Knowledge and Skills

PAC Training program Rotterdam

The AC Analytical Controls® product line offers a range of high-tech analyzers for petrochemical sample streams, based on Gas Chromatography. Our products are user friendly and easy-to-use, although the technique is complex. To improve your skills, obtain the best results, and completely understand your analyzer, PAC offers a complete program of factory, customized and on-site trainings. These courses are designed to assist operators and lab engineers in their day-to-day operation of PAC systems by providing the optimal mix between theory, practice, and hands-on training. Training improves laboratory productivity and the accuracy of instrument results.

SIMDIS Course Description

The 3-days SIMDIS training course is designed for new and existing customers of PAC products; however, a basic knowledge of gas chromatography is required. Class sizes are small so the course is highly interactive and flexible. The courses consist of theoretical and practical sessions, including:

- System details, software and hardware application in a practical way
- Interpretation of results and discussion
- Troubleshooting and maintenance
- Calibration of the instrument



Detailed Program:

Day 1: Introduction & system familiarization

- Inventory of sample streams & occurring problems
- Introduction to Simdis principle, Applicability to the petrochemical industry and Summary of Simdis methods
- Hardware demonstration on PTV / TPI, Detector, Column and Analysis conditions
- AC software Introduction, Installation and Practice
- Preparations for High Temp calibration & sample analysis and creating sequence

Day 2: Simdis software and different applications

- Calibration of the system, generate AC report, peak skew & resolution, review of automatic retention time updating
- Calculations & interpretation of results by endpoint determination - ASTM algorithm, product setup for various samples and sample types A, B, C
- Special features on user report, cut points, D86 correlation, Noack, MOV, Wax and quenching factor
- Practice Calibration of HT Simdis with recovery calculation, normalization options and quenching factor
- System startup: electrical connections, gas connections, GC & auto sampler configuration, installation of column & liner, installation of septum & syringe and measuring flows
- Preparations for D2887 calibration & sample analysis by installing column and creating sequence

Day 3: Troubleshooting and practice

- Practice with data files of the HT Simdis samples
- Calibration of D2887 Simdis with recovery calculation and normalization options
- Trouble shooting on error & warning messages, non-incremental boiling point order, blank not subtracted
- Common chromatographic problems on baseline not correct, contamination, leaks, electronic/mechanical failure, wrong sample type settings
- Maintenance

Registration:

To register, please visit our website

Costs:

This 3-days course has an all-in fee of € 2333,-

Contact:

For additional information please contact the Rotterdam office at + 31 (10) 2456 248 or send a mail to the AC Response Center (service.netherlands@pacip.com)

Terms and Conditions:

- Registration is required by completing the online registration form or by e-mail. Further details will be submitted by e-mail.
- Payments need to be settled 100% prior to the start date of the training course.
- Registrations will be considered in the order of receipt. They should arrive at our company at least 6 weeks before the training starts.
- Relinquishment within 14 days before the course starts or in case of non-participation, 100% of the seminar fees will be charged. Of course a training registration can be transferred to a colleague.
- Classes are limited to 8 participants. Courses with less than 3 registrations are subject to cancellation.

- Training price includes training, training material, and lunch and beverages at the training facility. Cost for travelling, accommodation, and other meals are not included. On request PAC facilitates in arranging your hotel accommodation.