



ChromStation Sdn. Bhd. (839214-T)

No.50, Jalan Sungai Burung 32/72, Seksyen 32,
40460 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel : 012-214 3019, Fax : 03-5121 7584
email : chromstation.sb@gmail.com
www.chromstation.com



**Course Title : Chromatography Mass Spectrometry
Workshop on Sample Preparation and Analytical Technique on Free & 3MCPD-esters, and
Dioxin (LRMS Technique) In Oil & Fat**

Training Date : 20-21st September 2011

Training Venue : ChromStation and ChromLab (M) Sdn Bhd
No. 2A, Jalan Putra Mahkota 7/8A,
Putra Point Business Center, Putra Heights,
47650 Subang Jaya, Selangor, Malaysia

Fees : RM 3,800

Trainer : HC Foo
Has 20 years experiences in Gas Chromatography in various industries and
fields ranging from petrochemical, food, pharmaceutical, environmental and forensic .
To his credit he worked for 10 years as regional chromatography specialist, specialized in method
development, technical consultation and training. Now works as independent and appointed
consultant and trainer for GC, HPLC, LCMS and GCMS as well as spectroscopic range of
instruments.

Course Contents:

Day 1

9.00 - 10.15 Introduction of 3MCPD & Its Esters
How to Overcome Low Mass Interferences to 3MCPD?
Sample Preparation Methodology

10.30 - 5.30 ***Practical Session 1***
Extraction for Free 3MCPD
Cleavage of 3MCPD Esters and Extraction
Derivatization

Practical Session 2
Standard Calibration
Run Prepared Samples
Interpretation and Quantification

Day 2

9.00 - 10.15 Introduction of Dioxin & Its Congeners
How to Overcome Coextract Interferences?
How to Increase Detection Limit?
Sample Preparation Methodology

10.30 – 5.30 ***Practical Session 3***
Sample Extraction and Cleanup
Sample Preconcentration

Practical Session 4
Standard Calibration
Run Prepared Samples
Interpretation and Quantification