



The LC-FID from ACS/CSI is an innovative instrument, that enables the advantages of flame ionization detection to be used with liquid chromatography.



The LC-FID features

- A novel interface to provide universal detection at eluent flow rates of up to 2 ml/min
- A temperature programmable oven, to give increased versatility in separations, as well as separately controlled temperature zones for the detector, interface chamber and eluent

Versatility

- Ability to use conventional columns (up to 4.6mm I.D.)
- Can be used with Eluent flow rates up to 2 ml/min
- Compatible with high temperature LC columns
- Selectivity controllable by temperature between 30 and 250°C
- Good reproducibility

Environmentally Friendly

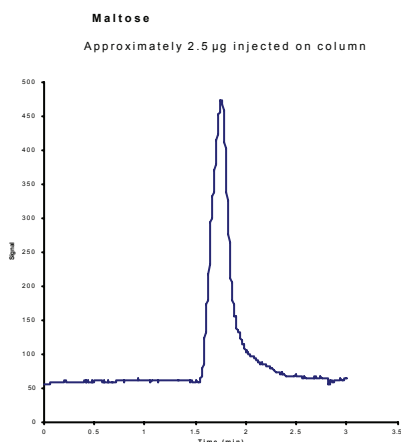
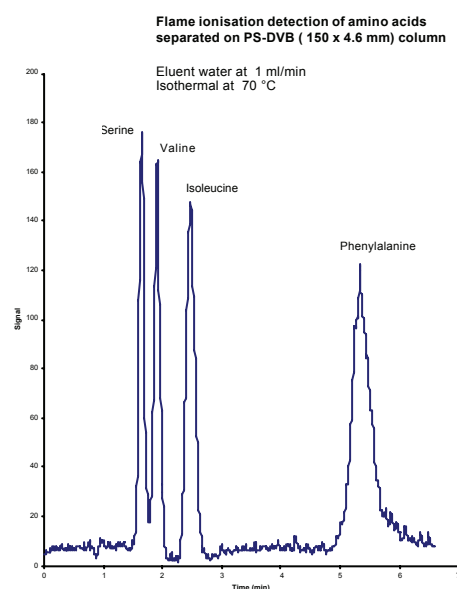
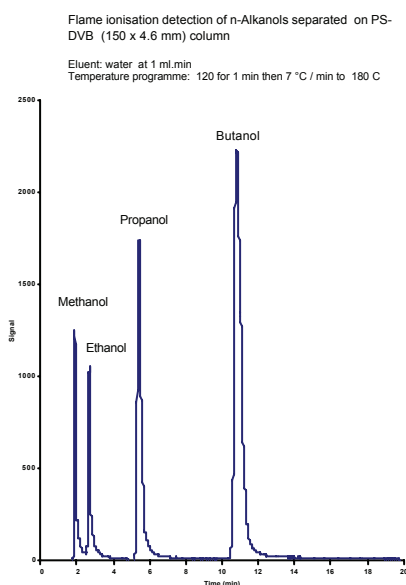
- Uses water as the mobile phase
- Savings in solvent costs and solvent disposal costs

Universal Response

- No chromophore required
- No sample losses because of volatility
- Analyses high and low molecular mass analytes
- Sample does not need to be volatile, allowing broader usage than GC

Typical applications include

- amino acids
- aliphatic compounds, such as aliphatic acids, esters, amides and alkanols
- aromatic compounds
- oligosaccharides and carbohydrates



Advanced Chromatography Systems
3547 Meeks Farm Road
Suite A-1
Charleston, SC
29455
USA
Tel: 843 559 4889
Fax: 843 746 4545
Email: info@advancedlcgcs.com
Website: <http://www.advancedlcgcs.com>



Cambridge Scientific Instruments
12-15 Sedgeway Business Park
Witchford
Cambridgeshire
CB6 2HY
UK
Tel: +44 (0)1353 669916
Fax: +44 (0)1353 669917
Email: info@camsci.co.uk
Website: <http://www.camsci.co.uk>