

## 46 Organic solvents

Technique GC  
 Injection Split  
 Column InertCap WAX  
 0.25mm I.D. x 60m df=0.4µm  
 Column Temp. 40°C ( 5min Hold ) - 4°C/min - 230°C ( 5min Hold )  
 Carrier Gas He  
 Constant Press.  
 130kPa  
 Split Flow 100mL/min  
 Detector FID  
 Detector Range 10<sup>1</sup>  
 Injector Temp. 250°C  
 Detector Temp. 250°C  
 Injection Size 1µL  
 Sample Conc. each about 1%

- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| 1 <i>n</i> -Hexane                   | 24 1,2-Dichloroethane             |
| 2 Ethyl ether                        | 25 Methyl- <i>n</i> -butyl ketone |
| 3 Carbon disulfide                   | 26 <i>i</i> -Butanol              |
| 4 Acetone                            | 27 <i>n</i> -Butanol              |
| 5 Methyl acetate                     | 28 <i>p</i> -Xylene               |
| 6 <i>trans</i> -1,2-Dichloroethylene | 29 <i>m</i> -Xylene               |
| 7 Tetrahydrofuran                    | 30 Methylcellosolve               |
| 8 Carbon tetrachloride               | 31 <i>o</i> -Xylene               |
| 9 1,1,1-Trichloroethane              | 32 <i>i</i> -Amyl alcohol         |
| 10 Ethyl acetate                     | 33 Ethyl cellosolve               |
| 11 Methanol                          | 34 Chlorobenzene                  |
| 12 Methyl ethyl keton                | 35 Styrene                        |
| 13 <i>i</i> -Propanol                | 36 Cellosolve acetate             |
| 14 Dichloromethane                   | 37 Cyclohexanol                   |
| 15 <i>n</i> -Propyl acetate          | 38 1-Methylcyclohexanol           |
| 16 <i>cis</i> -1,2-Dichloroethylene  | 39 <i>N,N</i> -Dimethyl formamide |
| 17 Trichloroethylene                 | 40 Butyl cellosolve               |
| 18 2-Butanol                         | 41 Cyclohexanol                   |
| 19 Chloroform                        | 42 1,1,2,2-Tetrachloroethane      |
| 20 Tetrachloroethylene               | 43 <i>o</i> -Dichlorobenzene      |
| 21 Toluene                           | 44 <i>o</i> -Cresol               |
| 22 1,4-Dioxane                       | 45 <i>m</i> -Cresol               |
| 23 <i>n</i> -Butyl acetate           | 46 <i>p</i> -Cresol               |

