

## Solvents on MEGA-SOLVE Columns

Column: **MEGA-SOLVE 1 - 0.32mm, 0.25µm, 50m**

Catalog Code: C-SOLVE1-032-025-50

**MEGA-SOLVE Columns are especially developed for analysis of very complex mixtures of solvents.**

### Conditions:

Injection: Split 300°C, 1µL, 1:100 Split Ratio.

Detector: FID 250°C.

Oven Temp.: 35°C (2min), 1°C/min, 120°C.

Carrier Gas: Hydrogen, 60 kPa.

Solvent Name:	Ret. Times [min]:	Solvent Name:	Ret. Times [min]:
Heptane	2.50	n-Butyl Acetate	12.07
n-Hexane	2.72	Secondary Butyl Alcohol	12.70
Ethyl Ether	2.80	n-Propyl Alcohol	13.42
Cyclohexane	3.06	Ethyl Benzene	13.92
Methyl Formate	3.40	m-Xylene	14.36
2,2-dimethoxy Propane	4.07	p-Xylene	14.80
Methyl Acetate	4.08	Mesityl Oxide	16.50
Acetone	4.12	Isobutyl Alcohol	17.09
1,2-epoxy Butane	4.17	Nitromethane	17.43
Carbon Tetrachloride	4.55	Nitroethane	17.86
1,1,1-trichloro Ethane	4.59	o-Xylene	18.12
Ethyl Acetate	5.01	1-Methoxy-2-Propanol	20.81
MEK (Methyl Ethyl Ketone)	5.45	Butyl Alcohol	22.08
Methylene Chloride	5.52	Nitropropane	22.38
Benzene	5.80	Pyridine	24.49
Methyl Alcohol	6.60	Methyl cellosolve	25.84
Pinacolone	6.67	2-Methoxy-3-Propanol	28.48
Tert Butyl Alcohol	7.08	2-Methyl Pyridine	28.83
Trieline	7.25	Methyl Cellosolve Acetate	30.05
Isopropyl Alcohol	7.94	Cellosolve	30.75
Ethyl Alcohol	8.08	Cellosolve Acetate	34.70
Acetonitrile	8.57	3-Methyl Pyridine	37.03
Chloroform	8.60	N,N-dimethylformamide	44.53
Isobutyl Acetate	8.87	Diacetone Alcohol	47.22
Ethyl Isobutyl Ketone	8.90	N,N-dimethyl Aniline	57.40
Toluene	9.08	N,N-dimethyl Acetamide	58.70
Dioxane	11.77	N,N-diethyl Aniline	72.60

