

# VOCs in Drinking Water

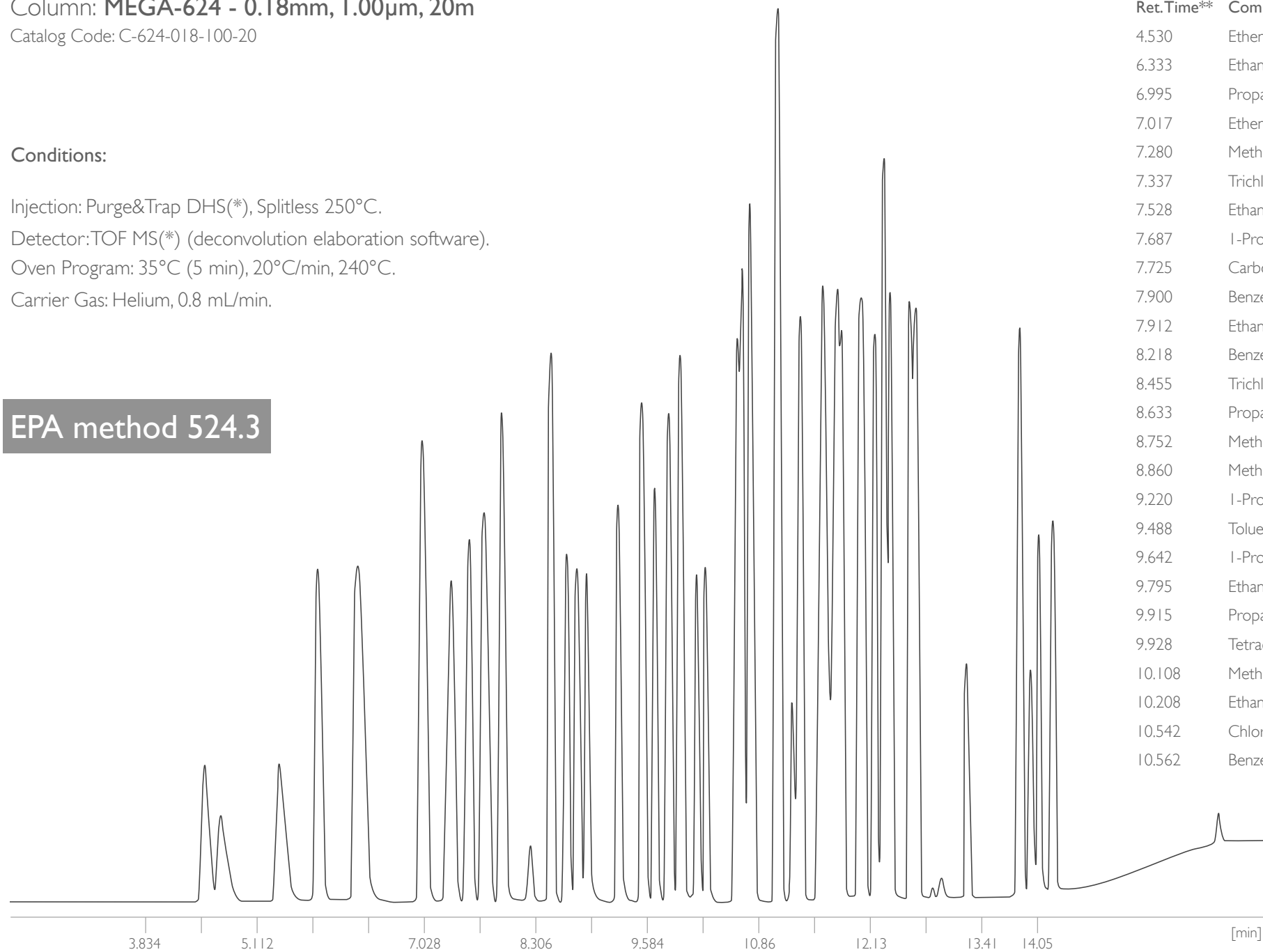


Column: **MEGA-624 - 0.18mm, 1.00µm, 20m**  
 Catalog Code: C-624-018-100-20

## Conditions:

Injection: Purge&Trap DHS(\*), Splitless 250°C.  
 Detector: TOF MS(\*) (deconvolution elaboration software).  
 Oven Program: 35°C (5 min), 20°C/min, 240°C.  
 Carrier Gas: Helium, 0.8 mL/min.

**EPA method 524.3**



Ret. Time**	Compound	Ret. Time**	Compound
4.530	Ethene, 1,1-dichloro-	10.628	Ethylbenzene
6.333	Ethane, 1,1-dichloro-	10.713	p-Xylene
6.995	Propane, 2,2-dichloro-	11.013	o-Xylene
7.017	Ethene, 1,2-dichloro-	11.027	Styrene
7.280	Methane, bromochloro-	11.278	Benzene, 1-methylethyl-
7.337	Trichloromethane	11.503	Ethane, 1,1,2,2-tetrachloro-
7.528	Ethane, 1,1,1-trichloro-	11.538	Benzene, bromo-
7.687	1-Propene, 1,1-dichloro-	11.547	Propane, 1,2,3-trichloro-
7.725	Carbon Tetrachloride	11.583	Benzene, propyl-
7.900	Benzene	11.668	Benzene, 1-chloro-2-methyl-
7.912	Ethane, 1,2-dichloro-	11.707	Benzene, 1,2,4-trimethyl-
8.218	Benzene, 1,4-difluoro- (I.S. 1)	11.742	Benzene, 1-chloro-3-methyl-
8.455	Trichloroethylene	11.955	Benzene, tert-butyl-
8.633	Propane, 1,2-dichloro-	11.990	Benzene, 1,3,5-trimethyl-
8.752	Methane, dibromo-	12.117	Benzene, 1-methylpropyl-
8.860	Methane, bromodichloro-	12.217	Benzene, 1-methyl-4-(1-methylethyl)-
9.220	1-Propene, 1,3-dichloro-, (Z)-	12.227	Benzene, 1,4-dichloro-
9.488	Toluene	12.273	1,4-Dichlorobenzene-d4 (I.S. 3)
9.642	1-Propene, 1,3-dichloro-, (E)-	12.290	Benzene, 1,3-dichloro-
9.795	Ethane, 1,1,2-trichloro-	12.525	Benzene, butyl-
9.915	Propane, 1,3-dichloro-	12.577	Benzene, 1,2-dichloro-
9.928	Tetrachloroethylene	13.165	Propane, 1,2-dibromo-3-chloro-
10.108	Methane, dibromochloro-	13.768	Benzene, 1,2,3-trichloro-
10.208	Ethane, 1,2-dibromo-	13.885	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
10.542	Chlorobenzene-d5 (I.S. 2)	13.975	Naphthalene
10.562	Benzene, chloro-	14.140	Benzene, 1,2,4-trichloro-

\*\* : [min].

\*: analysis carried out with DANI Master GC, DHS and TOF-MS system.  
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