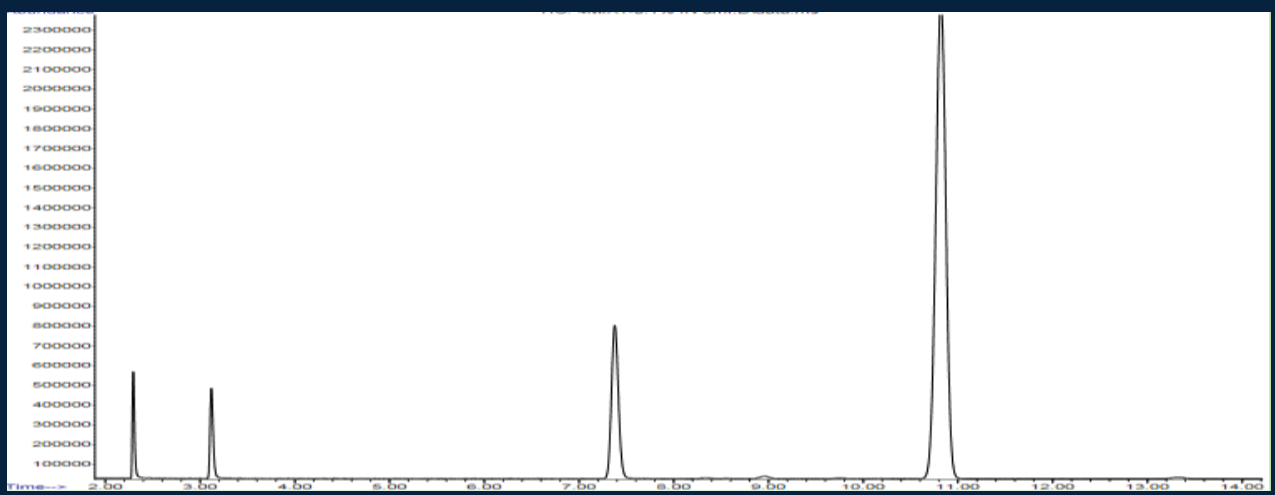
Separation of Residual Solvents on ARINNA AR-624 GC Column

Use: food, nutraceutical



Terpenes	RT (min)
Methanol	2.3
Ethanol	3.1
Ethyl Acetate	7.3
Heptane	10.9

GC-MS	Agilent 6890N GC& 5973 MSD
Column	AR-624
Column Size	30 m x 0.32 mm x 1.8 µm
Injector Temperature	160 °C
Split ratio	50:1
Column Flow Rate (mL/min)	1.5
Mass range	20-200

Headspace	Agilent
Oven temp	80 ^{0} C
Loop temp	82 ^{0} C
TR line temp	100 ^{0} C
Vial pressure	10 psi
Vial equil. Time	40 min
Pressure time	0.5 min
Loop fill	0.1 min
Injection time	1 min

	Rate (°C/min)	Temp (°C)	Hold time (min)	Run time (min)
Initial		40	20	
Ramp 1	10	170	0	33