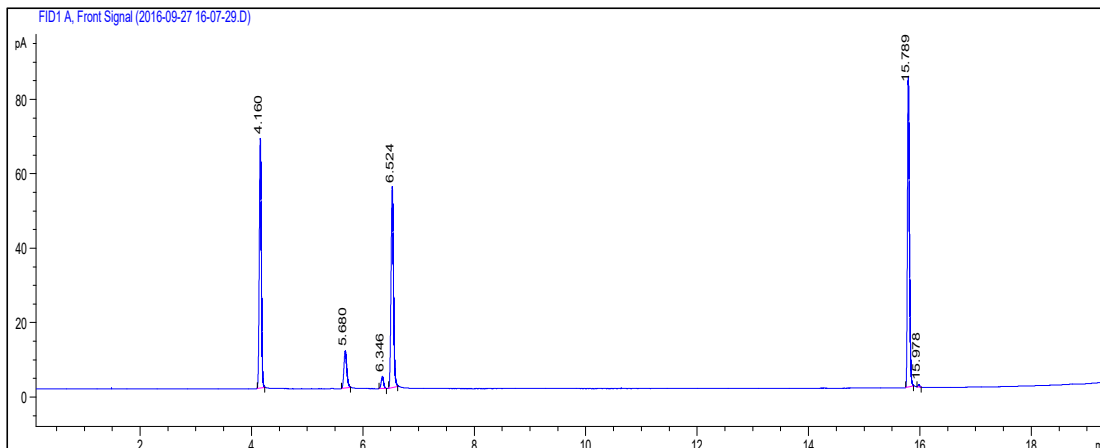




水中低含量的残留溶剂在耐水气相柱上的分离与检测



Column: NanoChrom BP-Wax-AQ
Dimension: 30m×0.32mm×0.25μm
Carrier: Hydrogen, 1.1 mL/min
Inlet: Split, 240 °C, split flow: 40 mL/min
Oven: 40 °C (hold 4 min) to 200 °C (hold 1 min) at 10 °C/min
Inject: 1 μL
Samples: residual solvent mixture (ethanol, methanol, acetone, acetic acid)In water, the concentrations of these solvents are around 20-100ppm
Detector: FID 260 °C

Peaks	Compound	Retention time (min)	Symmetry
1	Acetone (丙酮)	4.180	0.946
2	Methanol (甲醇)	5.680	0.895
3	Ethanol (乙醇)	8.524	0.940
4	Acetic acid (乙酸)	15.789	0.887