

建宏層析企業股份有限公司

VERCOTECH INC.,

地址：台北市內湖區港墘路 221 巷 19 號 5 樓

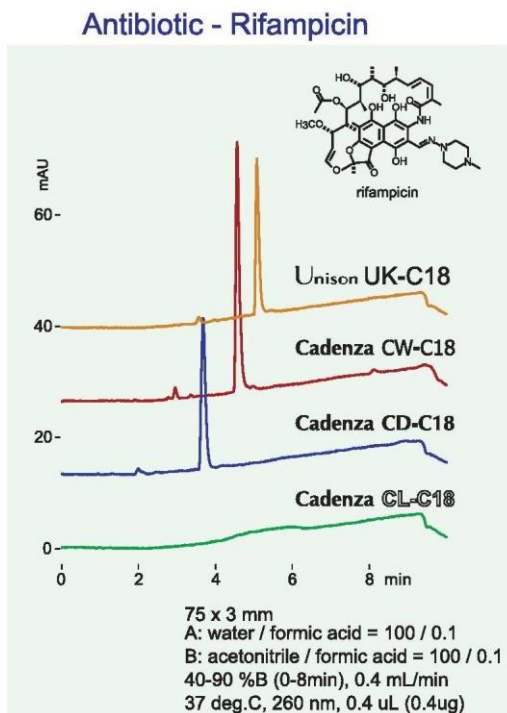
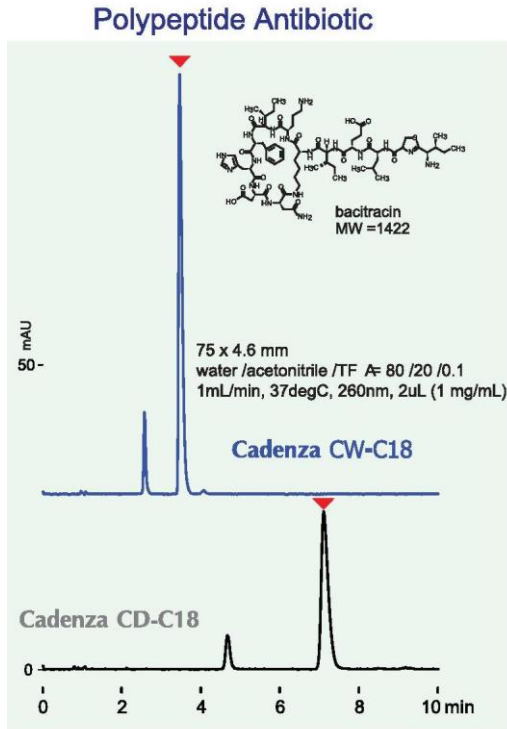
電話：02-2657-8289 傳真：02-2657-8389 Email: vercopak@vercopak.com.tw



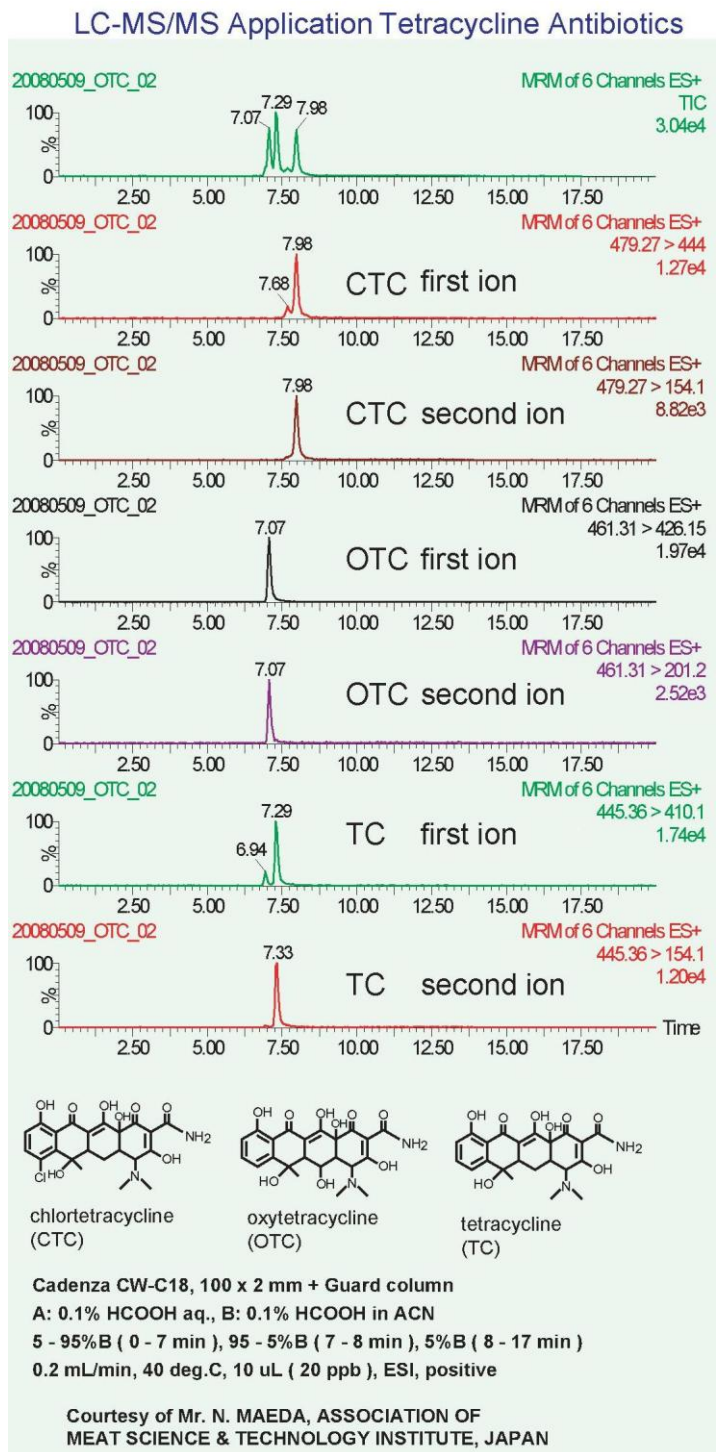
Cadenza CW-C18

Basic Compounds, Sphingolipids,
Antibiotics and Surfactants

- 針對小分子分析的大孔徑材質

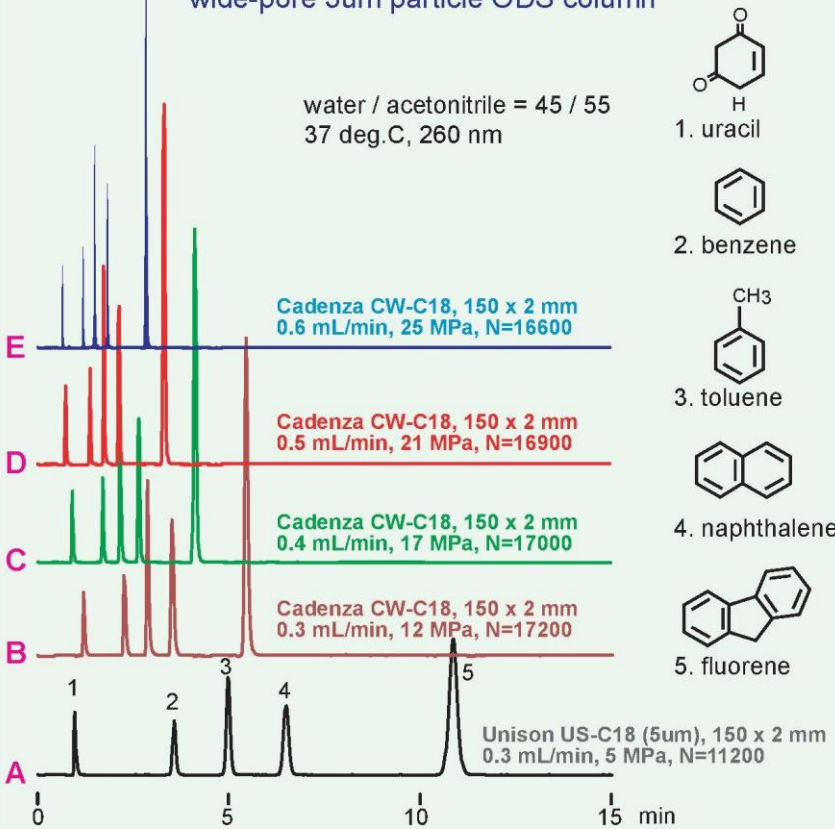


- 有效改善鹼性化合物的 peak shape



High-Throughput performance with wide-pore 3µm particle ODS column

water / acetonitrile = 45 / 55
37 deg.C, 260 nm



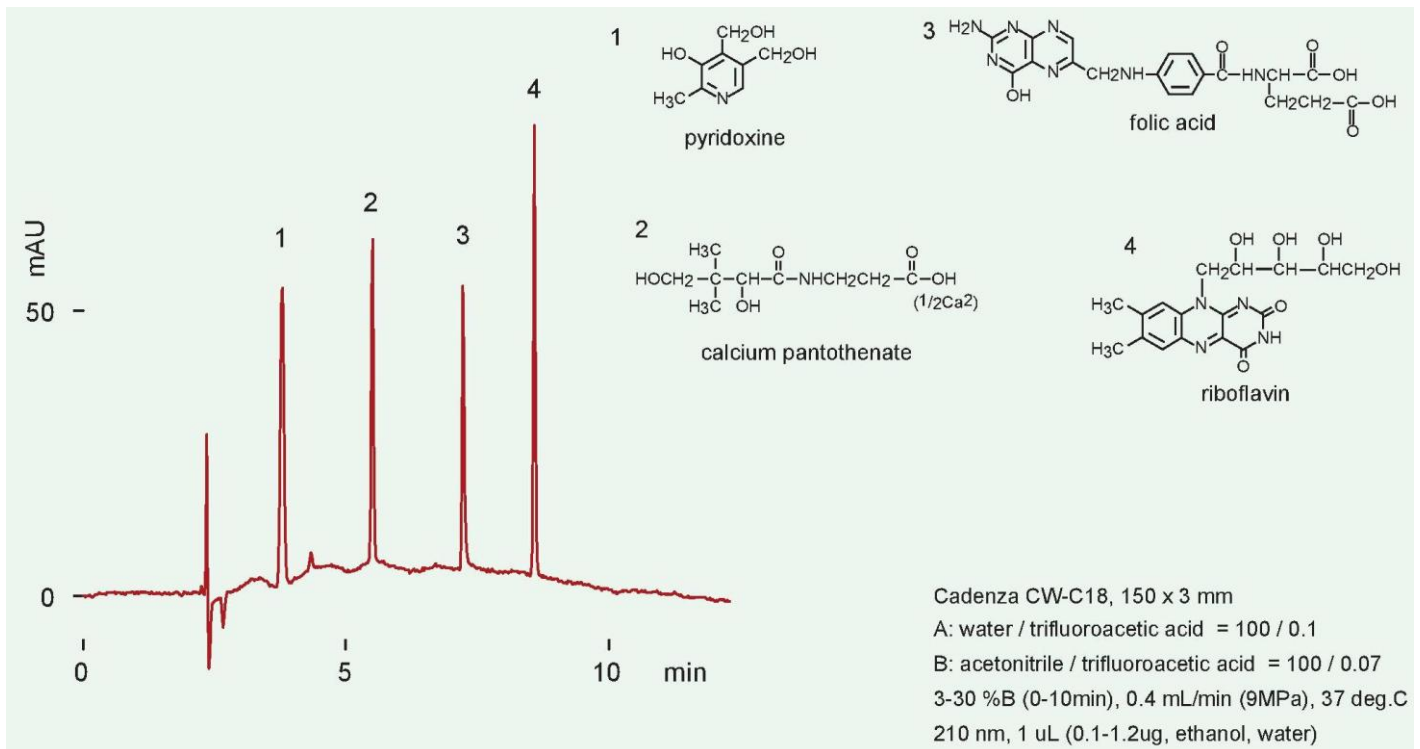
Cadenza CW-C18 為大孔徑的 ODS 管柱，表面積只有一般管柱孔徑的 1/3。較低的 ODS 覆蓋率讓在相同條件下分析的時間縮短了一大半。

Cadenza CW-C18 由高解析度的 3 µm 粒子製成，提供比 5 µm 管柱更高的效能 (左圖 A 與 B)，此外，它也能在一般 HPLC 儀器可承受的壓力下，達成超高速分析 (左圖 C 至 E)。

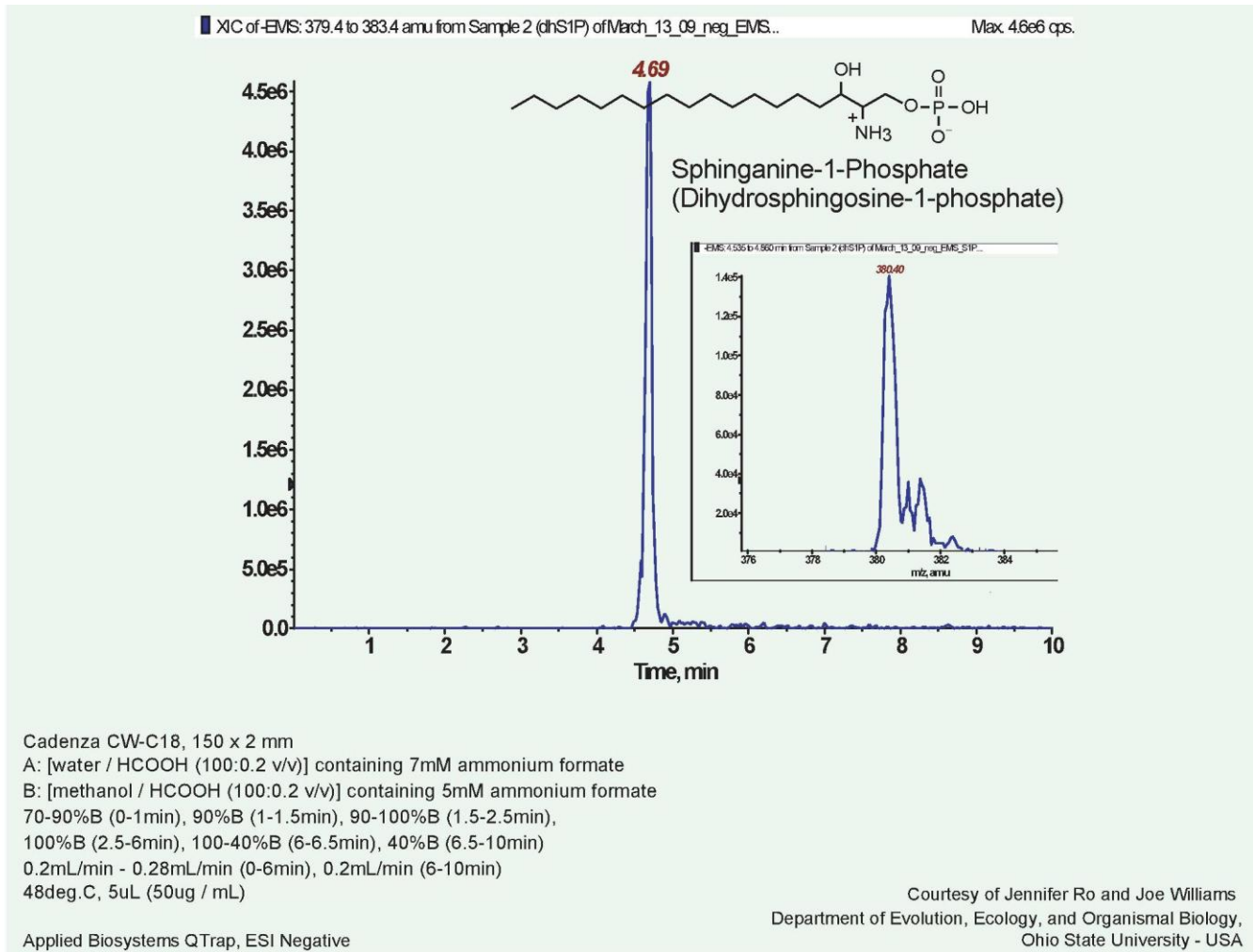
粒徑小於 2 µm 的管柱會產生極高的壓力，然而，Cadenza CW-C18 (3 µm) 能夠在一般(標準)的 HPLC 條件下使用，同時兼顧低壓力與高理論板數。另一方面，我們也有供應為高解析度與高速分析所設計的 250mm 的管柱 (此長度一般很難用 2 µm 的粒子製造)。

Cadenza CW-C18 能夠為分析鹼性化合物、高分子量化合物與親水性化合物的應用人員，提供許多的解決方案。

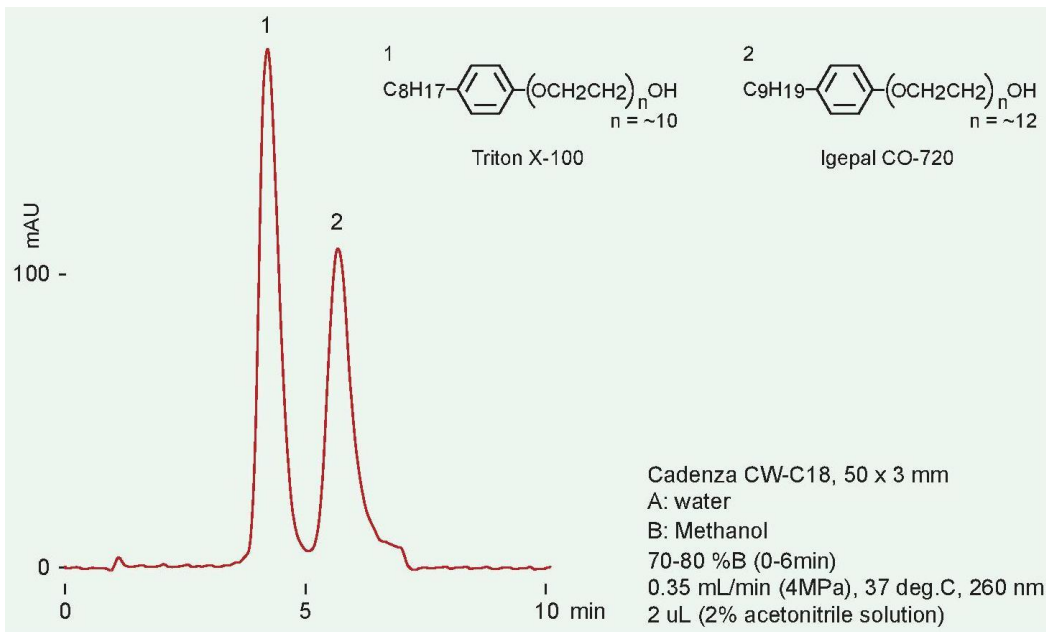
● 水溶性 Vitamins



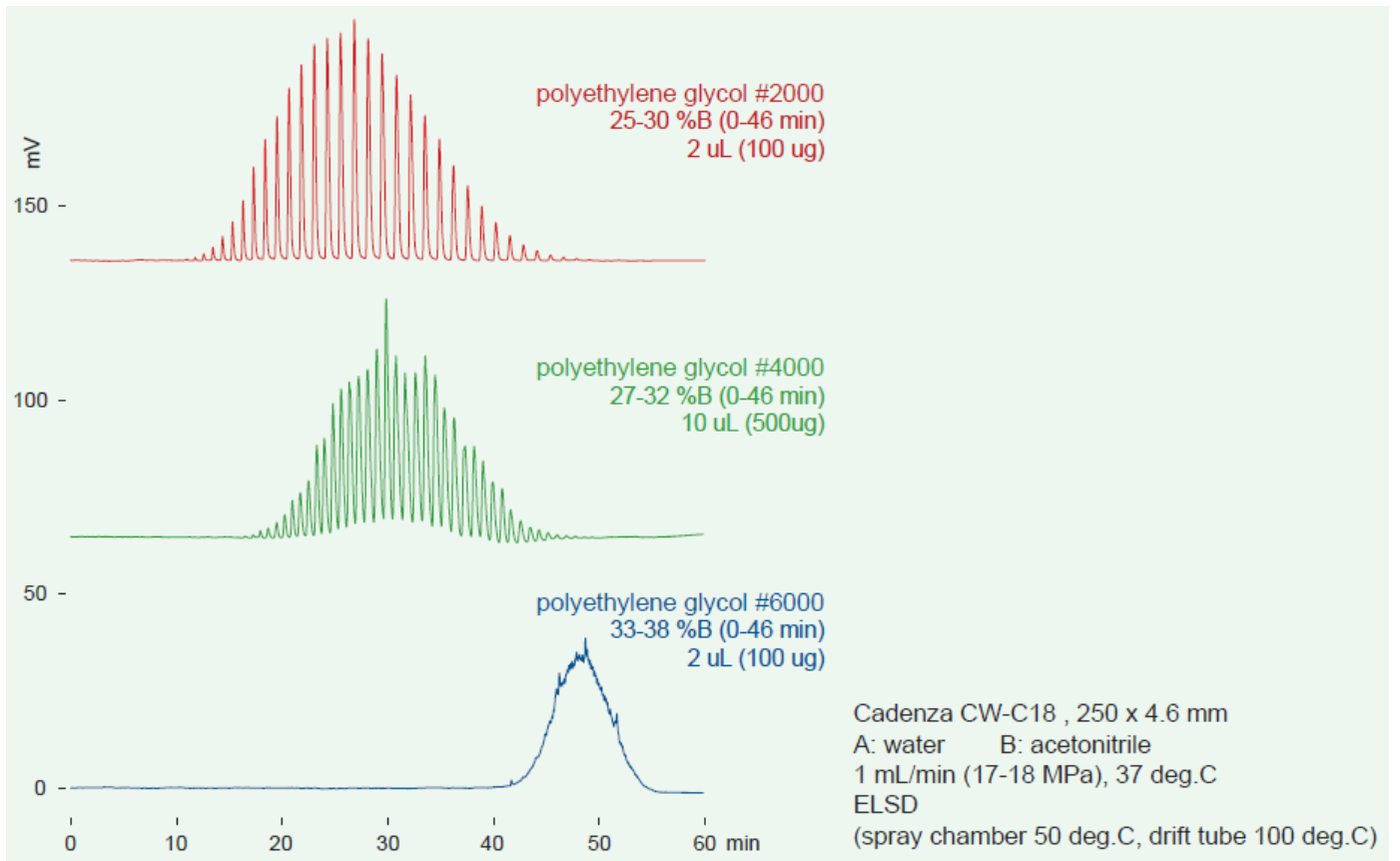
● Sphingolipids (Sphinganine-1-PO4)的 LC-MS/MS 應用



● Surfactants



● Polyethylene glycol (PEG)



● Ordering Information for Cadenza CW-C18 Columns 3µm

Pressure Limits of up to: 20MPa, 250 bar, 3000 psi							
	Internal Diameter						
Column Length	1.0 mm	1.5 mm	2.0 mm	3.0 mm	4.6 mm	6.0 mm	10.0 mm
10			CW020	CW030	CW000		
20			CW029	CW039	CW009		
30	CW011	CW071	CW021	CW031	CW001	CW061	CW0P1
50	CW012	CW072	CW022	CW032	CW002	CW062	CW0P2
75	CW013	CW073	CW023	CW033	CW003	CW063	CW0P3
100	CW014	CW074	CW024	CW034	CW004	CW064	CW0P4
150	CW015	CW075	CW025	CW035	CW005	CW065	CW0P5
250	CW016	CW076	CW026	CW036	CW006	CW066	CW0P6
500					CW007		

Guard Column System for Cadenza CW-C18							
	Internal Diameter						
	1.0 mm	1.5 mm	2.0 mm	3.0 mm	4.6 mm	6.0 mm	10.0 mm
Guard Holder	GCH01S	GCH01S	GCH01S	GCH01S	GCH01S	GCH01S	GCH02M
Guard Cartridge (Set of 3)	GCCW0C	GCCW0C	GCCW0S	GCCW0S	GCCW0S	GCCW0S	GCCW0M

All of our stationary phases can also be made in the following internal diameters:
 Nano: 0.05mm, 0.075mm Capillary: 0.1mm, 0.3mm, 0.5mm Semi-Prep: 20mm, 28mm