



1. Analytical conditions

Solvents: A: Water

B: Acetonitrile

HPLC Column: Uptisphere® 300WOD 250x4.6mm 5µm

Flow rate: 1mL/min

Injection mode: Liquid injection

Injection volume: 10µL

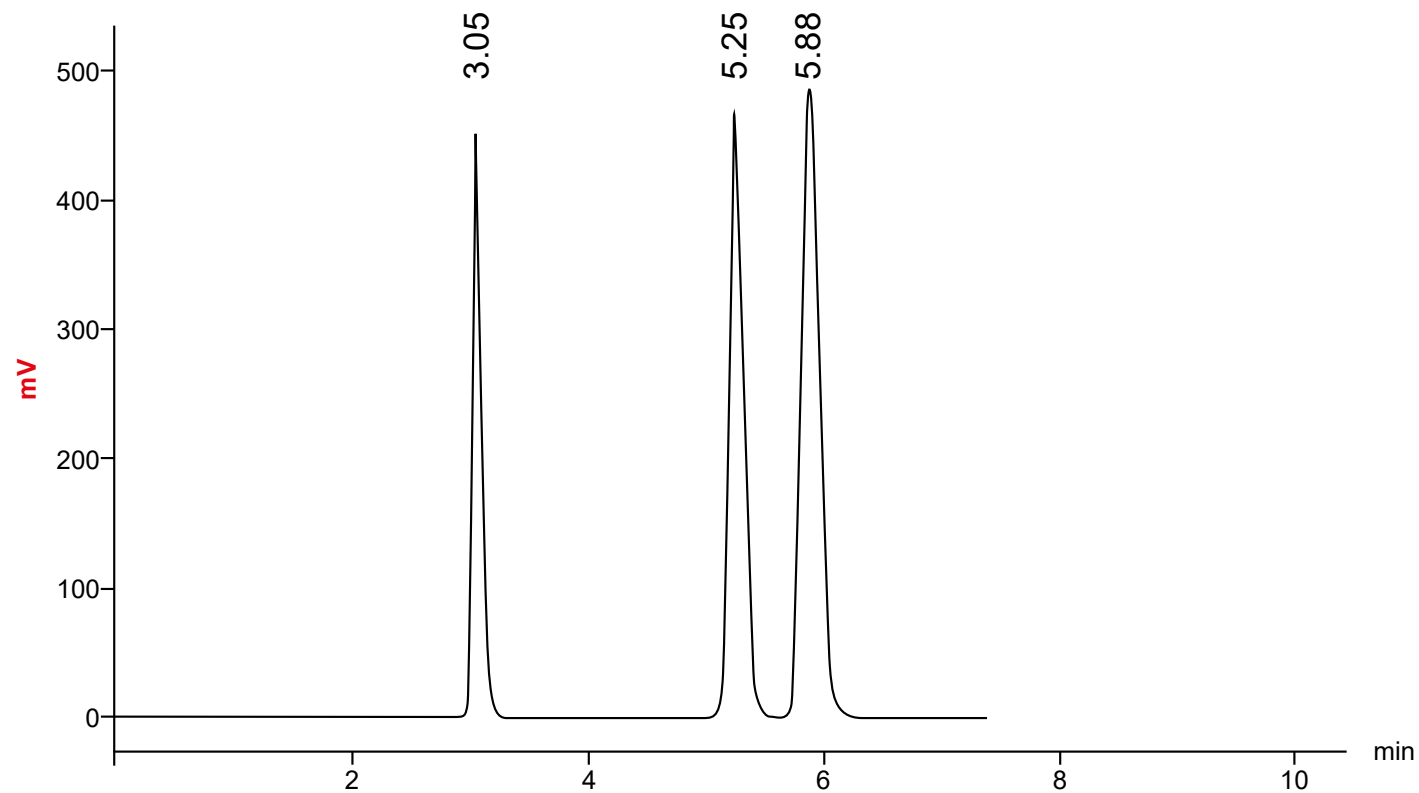
Detection: UV 254nm

Elution conditions:

30% Water / Acetonitrile 70% (Isocratic mode)

#	Peak Name	Rt.	Tailing	Plates (USP)	Resolution (USP)
1	Uracil	3.05	1.35	797.00	0.00
2	Toluene	5.25	1.19	9166.16	12.36
3	Naphtalene	5.88	1.16	9029.92	2.71

SOMME



2. Prep conditions

Device: puriFlash® 450 (or now puriFlash® 5.050)

Solvents: A: Water

B: Acetonitrile

Column: Uptisphere® 300WOD 250x21.2mm 10µm

Flow rate: 20mL/min

Injection mode: Liquid injection

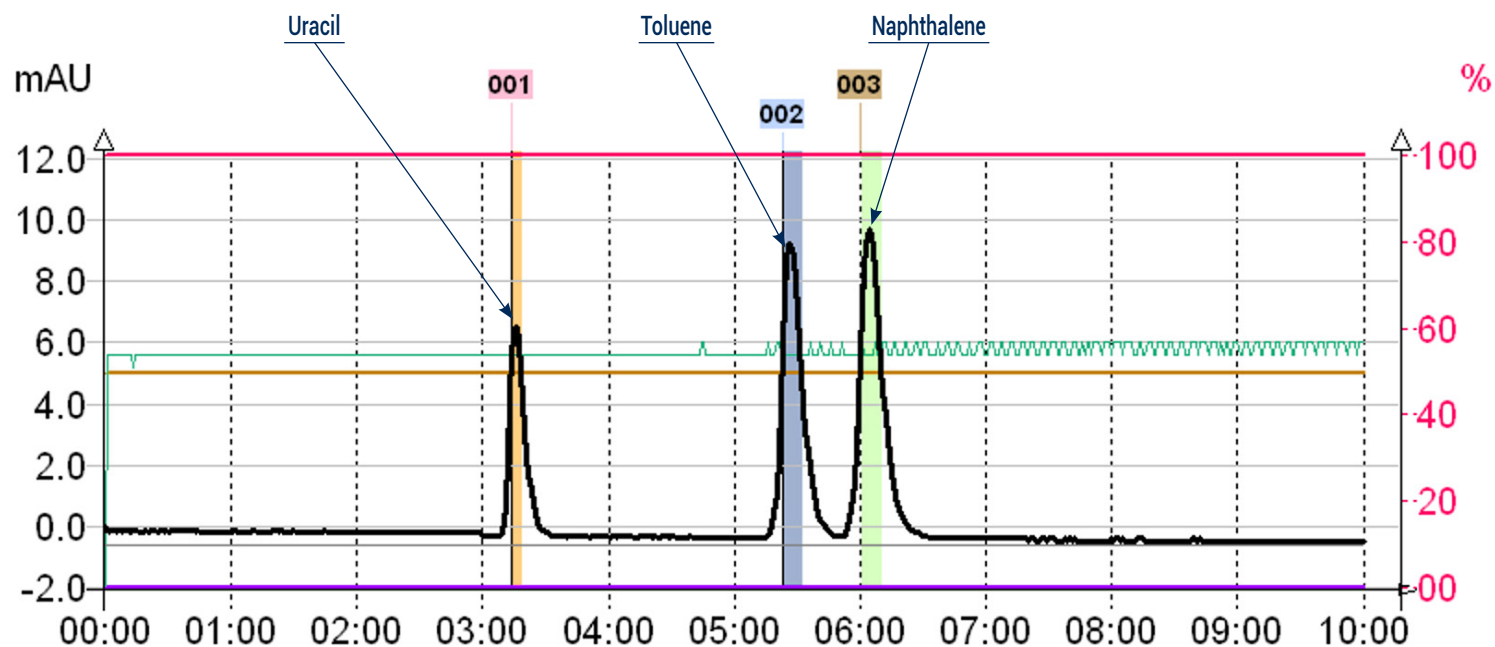
Injection volume: 200µL

Detection: UV 254nm

Pressure: 6bar

Elution conditions:

30% Water / Acetonitrile 70% (Isocratic mode)



With puriFlash® system, achieve similar results as the one you get on a classical LC preparative instrument @ lower budget!



To achieve this purification:

You will need

- puriFlash® 5.050
[Discover it](#) [Add to card](#)
- Uptisphere® column 300WOD 250x21,2mm 10µm
[Discover it](#) [Add to card](#)

We highly recommend

- 16x150mm Rack
AYHE40 [Add to card](#)
- Tubes 16x150mm
BX5400 [Add to card](#)
- 250µL Stainless Steel Loop with RFID tag
AYHEK0 [Add to card](#)