

1. TLC method development



Mobile phase:
50% MTBE / n-Heptane 50%

Compounds of interest
are not separated

2. Flash conditions

Device: puriFlash® XS 420 Plus (or now puriFlash® XS 520 Plus)

Solvents: A: MTBE

B: n-Heptane

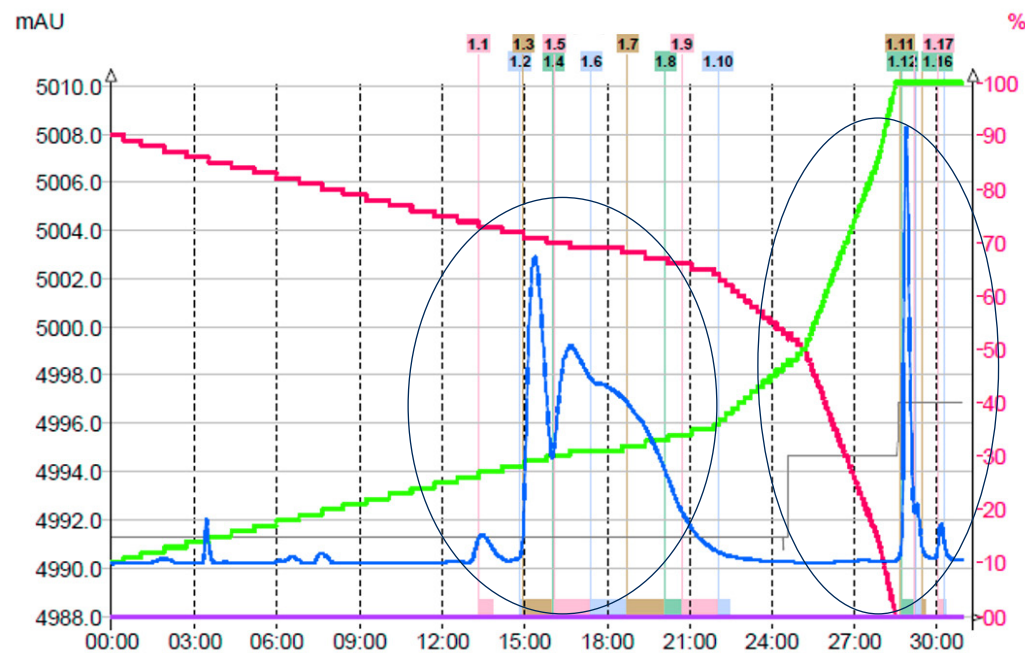
Column: PF-15SIHP-F0025

Flow rate: 16mL/min

Injection mode: Liquid Injection

Crude sample: 300mg

Detection: UV 254nm



Comments: Compounds of interest are not isolated on virgin silica sorbent.
The purification will be tested on reverse phase sorbent.

3. Prep conditions

Device: puriFlash® XS 420 Plus (or now puriFlash® XS 520 Plus)

Solvents: A: Water
B: ACN

Column: PF15C18HP-150/212

Flow rate: 15mL/min

Injection mode: Solid deposit with celite (Dry-load F0004)

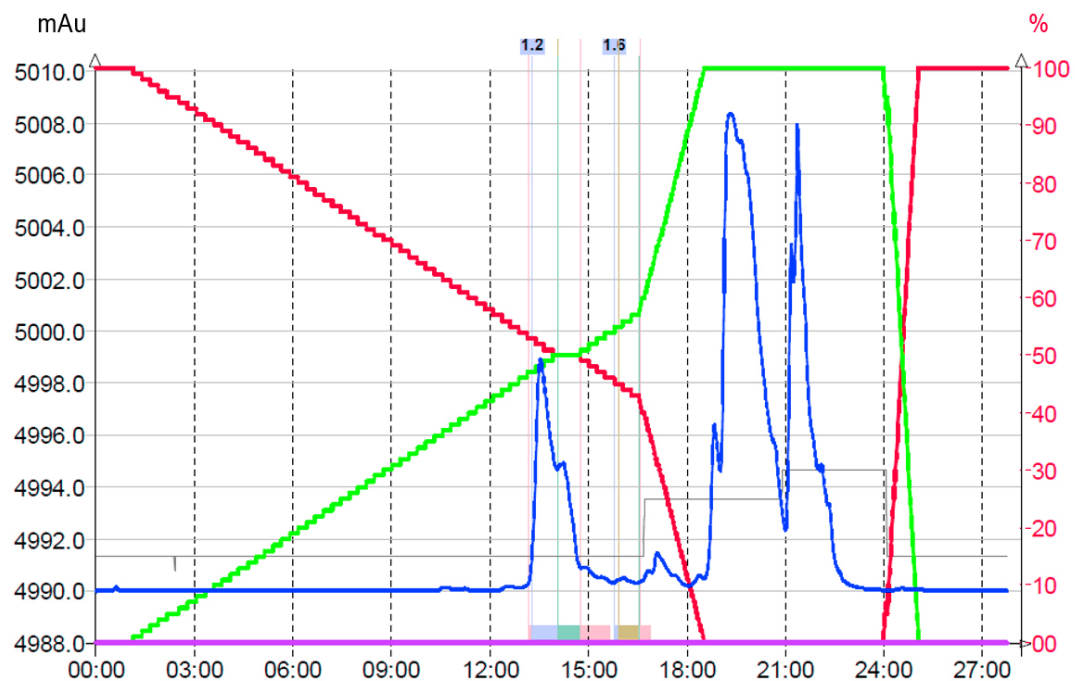
Crude sample: 600mg

Detection: UV 254nm

Pressure: Less than 10bar

Elution conditions:

t (min)	A (%)	B (%)
00:00	100	0
01:00	100	0
13:00	50	50
15:00	50	50
17:00	40	60
19:00	0	100
24:00	0	100
25:00	100	0
30:00	100	0



Comments: Compounds of interest are isolated using Prep C18 column. The recovery is optimum. Compounds are not separated using Flash silica column.

To achieve this purification:

You will need

- puriFlash® XS 520 Plus
[Discover it](#) [Add to card](#)
- puriFlash® column PF15C18HP-150/212
[Discover it](#) [Add to card](#)
- puriFlash® Dry-load PF-DLE-F0004
[Discover it](#) [Add to card](#)

We highly recommend

- Ballasting for 1/8" tubing - 5 units
DZ7360 [Add to card](#)
- Magic box Flash
B2JCJ0 [Add to card](#)
- Trolley
AYHF20 [Add to card](#)

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