

Dekontaminace HPLC systému

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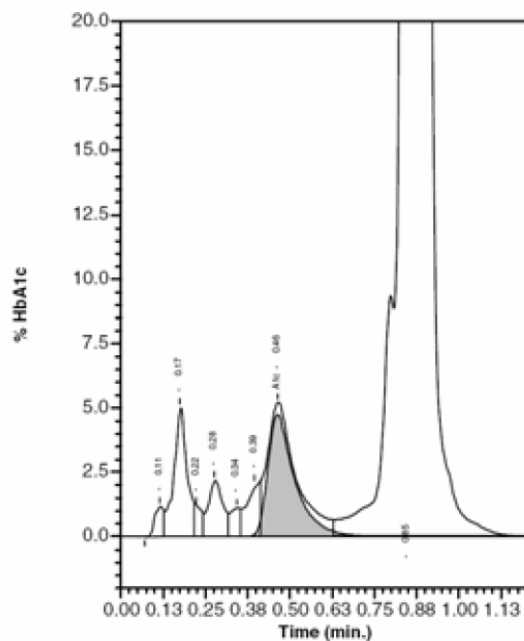
Odry, 10. 11. 2009



C-gramy různých analytů

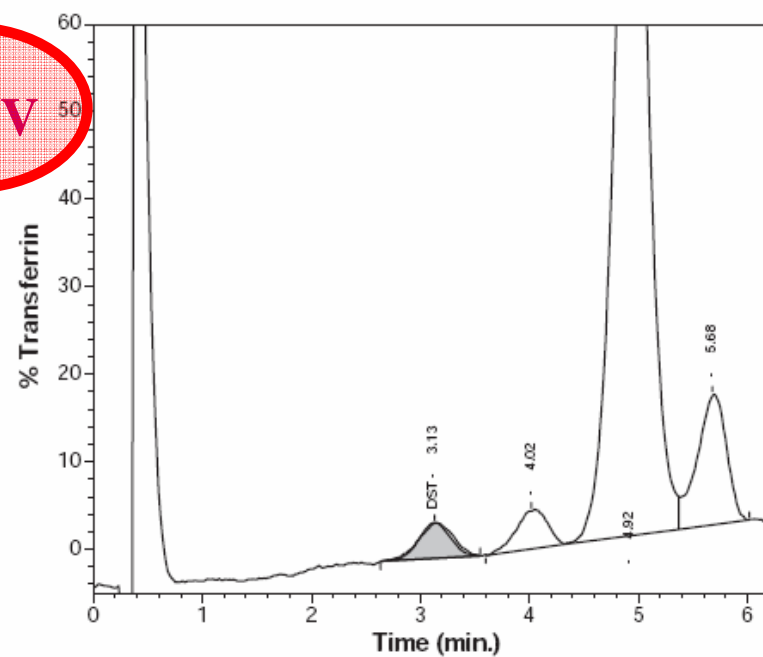
Nutnost pravidelného čištění systému

0.3 V



HbA1c

0.01 V



%CDT



Nutnost pravidelného čištění systému

- analytické cesty – savo, 2% kyselina dusičná
- detektoru – cleaning buffer



Dekontaminace analytické cesty

Two completions have to be made:

- The injection/time intervall between two cleaning procedures is recommended to be 1,000 injections or 1 month, respectively.
- After decontamination with sodium hypochloride solution 5 injections with 2% HNO₃ are recommended for passivation of the steel capillary surface.



Dekontaminace analytické cesty

The steps for decontaminating the automatic sampler compartment are described in section 4.7.3 Variant Hemoglobin Testing System Operation Manual.

1. Simultaneously press the two upper corners of the front cover to open the cover.
2. Remove analytical cartridge and guard cartridge and replace with PEEK plastic dummy cartridges (see 1.6).
3. When using a prefilter or precolumn, remove holder with suitable wrenches and replace with stainless steel union.
4. For cleaning procedure it is alternatively possible to replace the cartridge holder by a stainless steel union instead of using dummy-cartridges.



Dekontaminace analytické cesty

5. Place five sample vials with 5 % sodium hypochlorite solution (undiluted bleach solution) in positions 1 to 5.

6. Place five sample vials with deionized water in positions 6 to 10.

7. Enter in Worklist:

<u>Vial #</u>	<u>Type</u>
1	BL
2	BL
...	...
10	BL

Enter Start Line 1 and End Line 10.

Stejný postup s kys. dusičnou (3x a 5x voda)



Dekontaminace detektoru

- pomocí cleaning buffer – pokud nemáte, bude Vám dodán



Velká (totální) dekontaminace systému

- neoficiální protokol – „český protokol“
- nutnost spolupráce s Bio-Rad



V případě potíží volejte Bio-Rad

Děkuji za pozornost