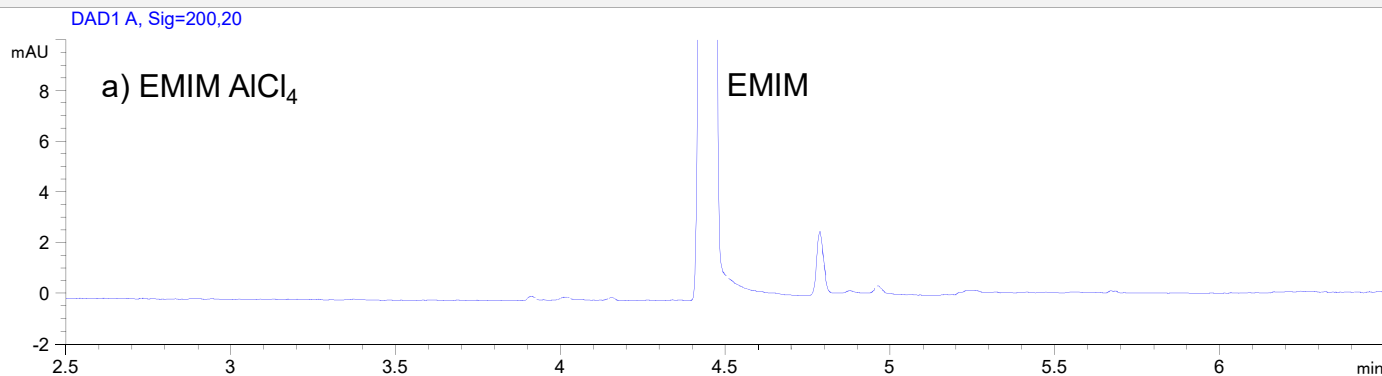
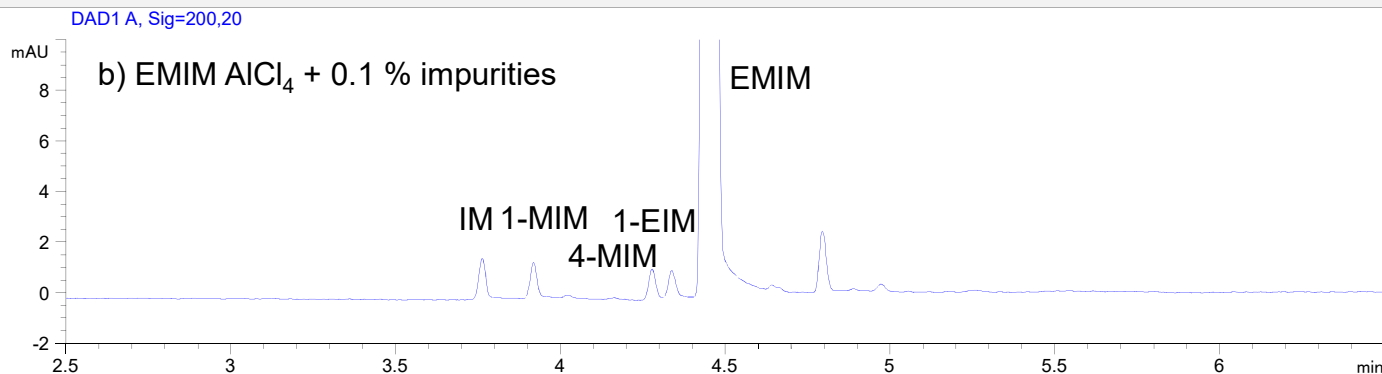


1-Ethyl-3-methylimidazolium tetrachloroaluminate (EMIM AlCl₄)



Limit of quantification (LOQ), for impurities in EMIM AlCl₄, S/N=10

- Imidazole (IM): 0.020 %
- 1-Methylimidazole (1-MIM): 0.022 %
- 4-Methylimidazole (4-MIM): 0.027 %
- 1-Ethylimidazole (1-EIM): 0.029 %



- Mode: CZE
- Electrolyte: CE-Kd01
- Capillary: 50 μm ID (Bubble), 64 cm
- Separation: +30 kV, 25°C
- Injection: pressure, 50 mbar, 10 sec
- Detection: UV, 200 nm