Alpes Lasers can now offer Broad Gain Interband Cascade Laser (ICL) chips for use in External Cavity systems. ICL allow emission in at shorter wavelengths than traditional QCL which are particularly interesting for hydrocarbon detection. The initially offered chip covers the range 3.2-3.6 um (2820-3070 cm-1) which contains interesting absorption lines for CH4, C2H6, HCl, CH2O (formaldehyde) in particular.

Contact us at qcl@boselec.com for more information.