




THE POWER OF GENUINE LOW TEMPERATURE™ ELSD TECHNOLOGY

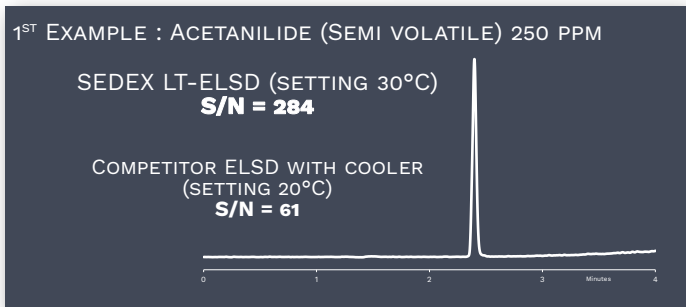


Low Temperature evaporation for ELSD is not just a matter of cooling.



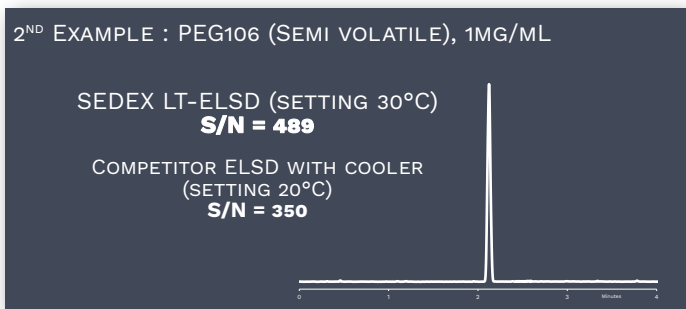
Genuine LT-ELSD from SEDERE rely on a specific and unique design

SEDERE LT-ELSDs products are based on an exclusive and unique design optimized for real Low-Temperature operation. As an originator of the LT-ELSD concept and design, SEDERE leverages an unique experience with semi volatiles detectability and universality of detection. Low temperature is simply a matter of being able to detect semi volatile compounds with the highest Signal to Noise ratio. SEDERE LT-ELSD outperforms competition for low temperature analysis.



Our competitors developed strategies (usually based on supplementary cooled zones in the ELSD), adding complexity and time-consuming development and validation, without value added to what is the genuine SEDERE LT-ELSD design.

Keep it simple, performing and reliable : use a SEDEX LT-ELSD detector !



CHROMATOGRAPHIC CONDITIONS :

Column : C18, 4.6 x 150 mm, 5µm
 Flowrate : 1 mL/min
 Injected volume : 20µL (Acetanilide) / 10µL (PEG 106)
 Detector : SEDEX LT-ELSD™, 30°C, gain 9

Eluent for Acetanilide: A : Water + 0.1% TFA / B : MeCN + 0.1% TFA
 Gradient 60% to 90% of B in 5 minutes

Eluent for PEG 106 : A : Water / B: MeCN
 Isocratic elution 90% A / 10% B