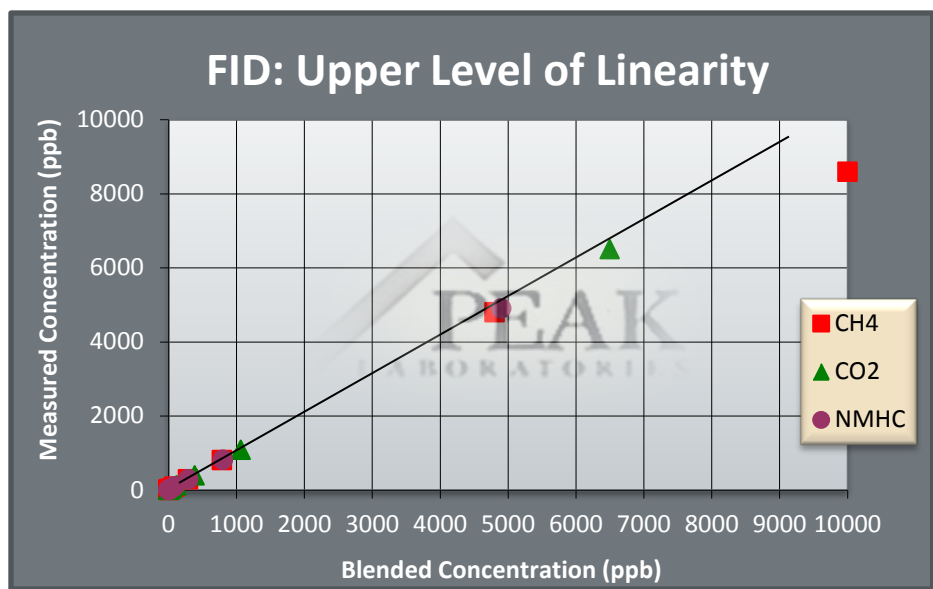


Figures 1 & 2 illustrate the lower detection limits of a FID analyzer monitoring compounds within Ammonia gas. Using Peak's pioneered hybrid platform results are delivered accurately while maintaining linearity, down to lower and upper levels. *(lower levels using inert gases)



Performance:

Typical lower detection limits (in parts per billion)

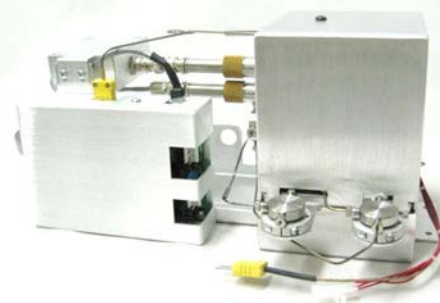
Impurity	Matrix Gas:	NH ₃
CO ₂ : Carbon Dioxide		10
CH ₄ : Methane		1
NMHC/ NMOC		1

All performance specifications are based on fully optimized PP1 with 5 cc sample loop

Peak Labs is your analytical partner, not just supplier.

Matrix Gas: Ammonia

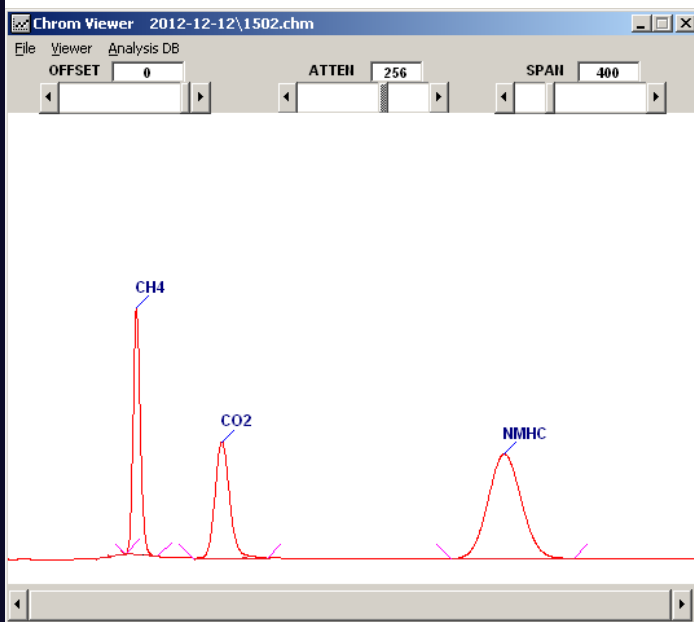
Peak's pioneered platform design provides customers worldwide with a portable field unit capable of delivering fast analysis at lower detection limits. Our proven technology guarantees simple and accurate measurements down to the part per trillion levels, while still offering a wide linear range. Peak's innovative design is proven to be more cost-effective and user-friendly compared to similar instruments, making Peak your number one GC choice.



Fields of Application:

The FID model # 920-235 is the ideal solution for the detection of **Total Hydrocarbon & Carbon Dioxide** compounds. Listed below are typical field applications for this unit.

- CH₄, CO₂ & NMHC in UHP Ammonia
- Semiconductor Plants
- Quality Assurance / Control
- Process Control
- Air Separation Plants



Total Hydrocarbons & Carbon Dioxide based chromatograph within Ammonia matrix gas.



Contact us today **650-691-1267**

www.peaklaboratories.com