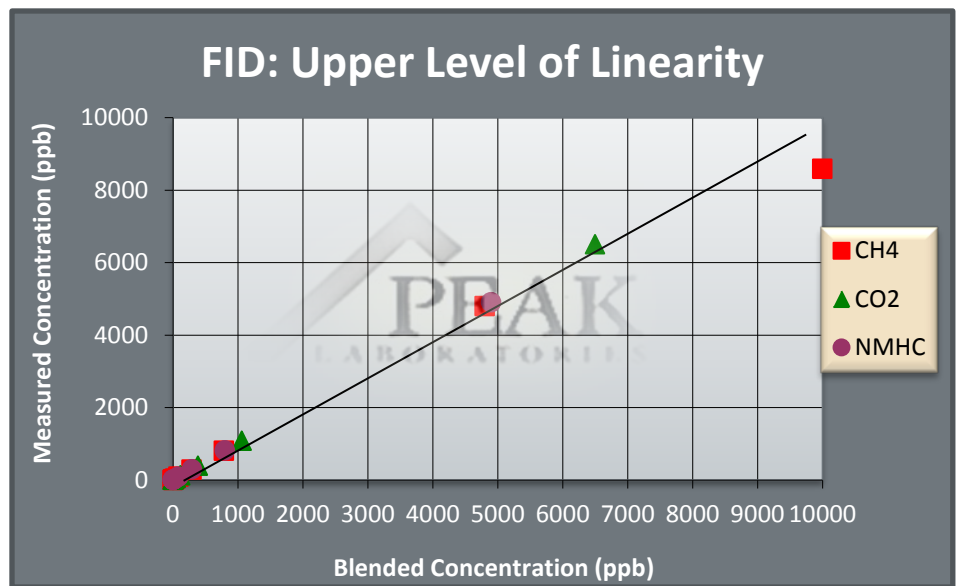


Figures 1 & 2 illustrate the lower detection limits of a FID analyzer monitoring compounds within inert gases. Using Peak's pioneered hybrid platform results are delivered accurately while maintaining linearity, down to lower and upper levels.



Performance:

Typical lower detection limits (in parts per trillion)

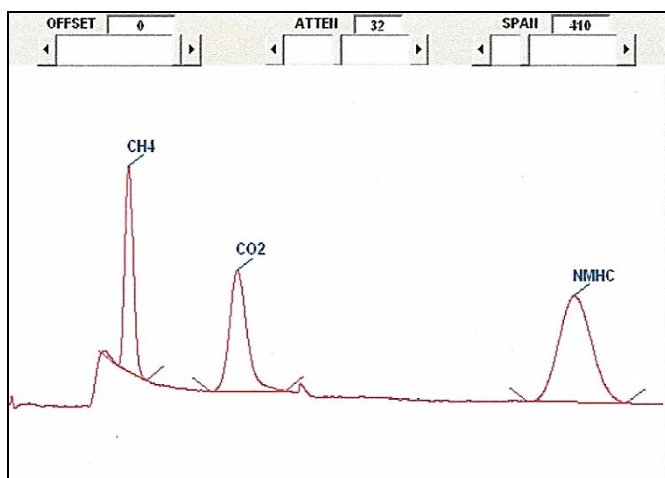
Impurity	Matrix Gas:	N ₂ , Ar, He
CO₂: Carbon Dioxide		800
CH₄: Methane		500
NMHC/ NMOC		800

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: Inert

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.



Total Hydrocarbons & Carbon Dioxide based chromatograph within Inert matrix gases.

Fields of Application:

The FID **model # 920-210** 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 bulk process gases (e.g. N₂, Ar, O₂ & He)
- Atmospheric Research
- Continuous Air Monitoring Stations
- Groundwater and Sediment Studies

Model #920-210 Users

- Infineon
- Samsung
- TSMC



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

www.peaklaboratories.com