

Technical Note X20210108

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Searchpoint Optima Plus

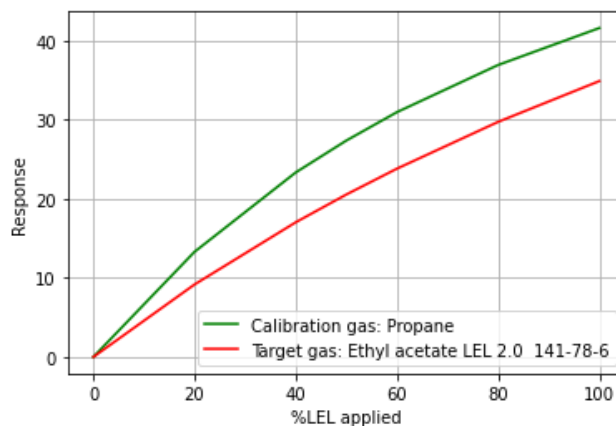
Predicted Response Illustration

This document has been prepared to illustrate the predicted response of the Searchpoint Optima Plus point infrared gas detector to a gas or substance other than to which it has been calibrated. When using the information contained within this document, the following points must be taken into consideration:

1. The following is the predicted response that HC version of Searchpoint **Optima plus** calibrated to Propane gas provides when exposed to Ethyl Acetate.
2. The responses are predicted based on analytical methods.
3. Actual responses are affected by test conditions and tolerances associated with manufacturing, calibration and gas concentration and may therefore vary by up to 20% of the values shown below.

Calibration Gas Name & CAS No	Propane(CAS NO: 74-98-6)
Calibration Gas LEL	1.7%V/V
Test Gas Name	Ethyl Acetate (CAS NO.: 141-78-6)
Test Gas LEL	2.0%V/V

Test applied (in %LEL)	Predicted Response (in % LEL) of Optima Plus
0	0.0
20	13.8
40	27.4
50	34.4
60	41.2
80	56.6
100	70.9



sales@norrscope.com