

GC.IRD

Application Note: Forensics 2

Determination of Marijuana compounds



Use arrow keys to navigate through presentation.

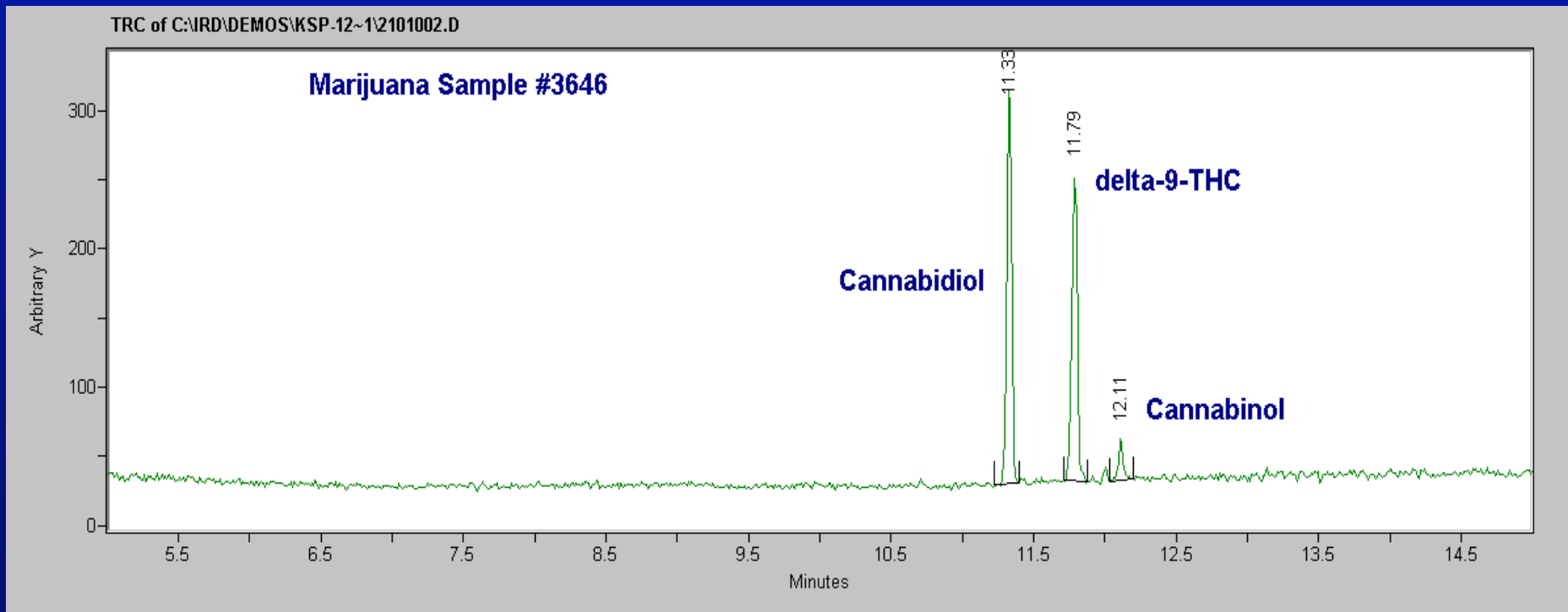
Drug Analysis Demo

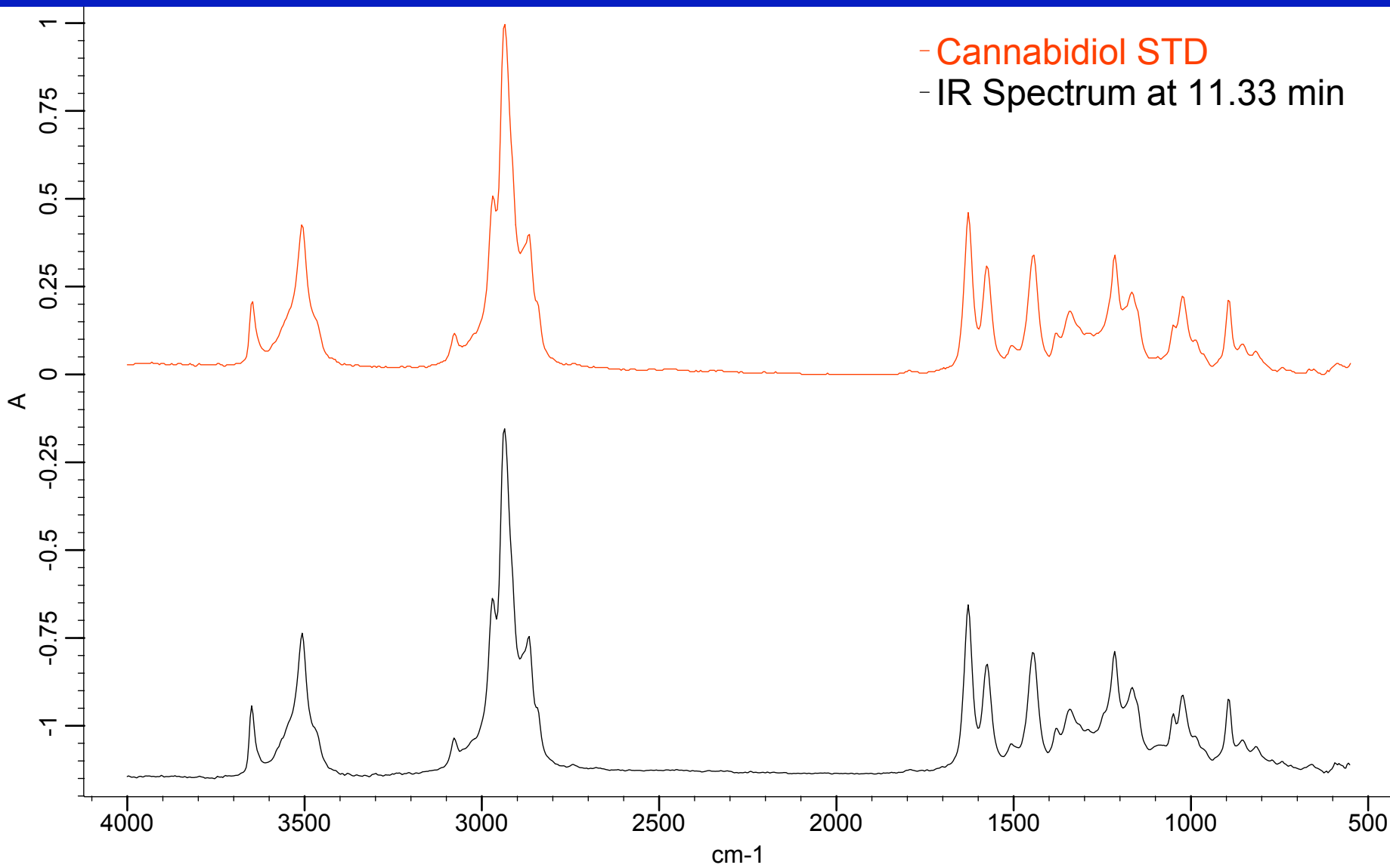
- Samples analyzed at ASAP LLC, Covington, KY, 12 Dec 2006
- Samples provided by Kentucky State Police, Northern Lab, Cold Spring, KY
- Samples dissolved in Methanol, concentration ~ 1mg/mL

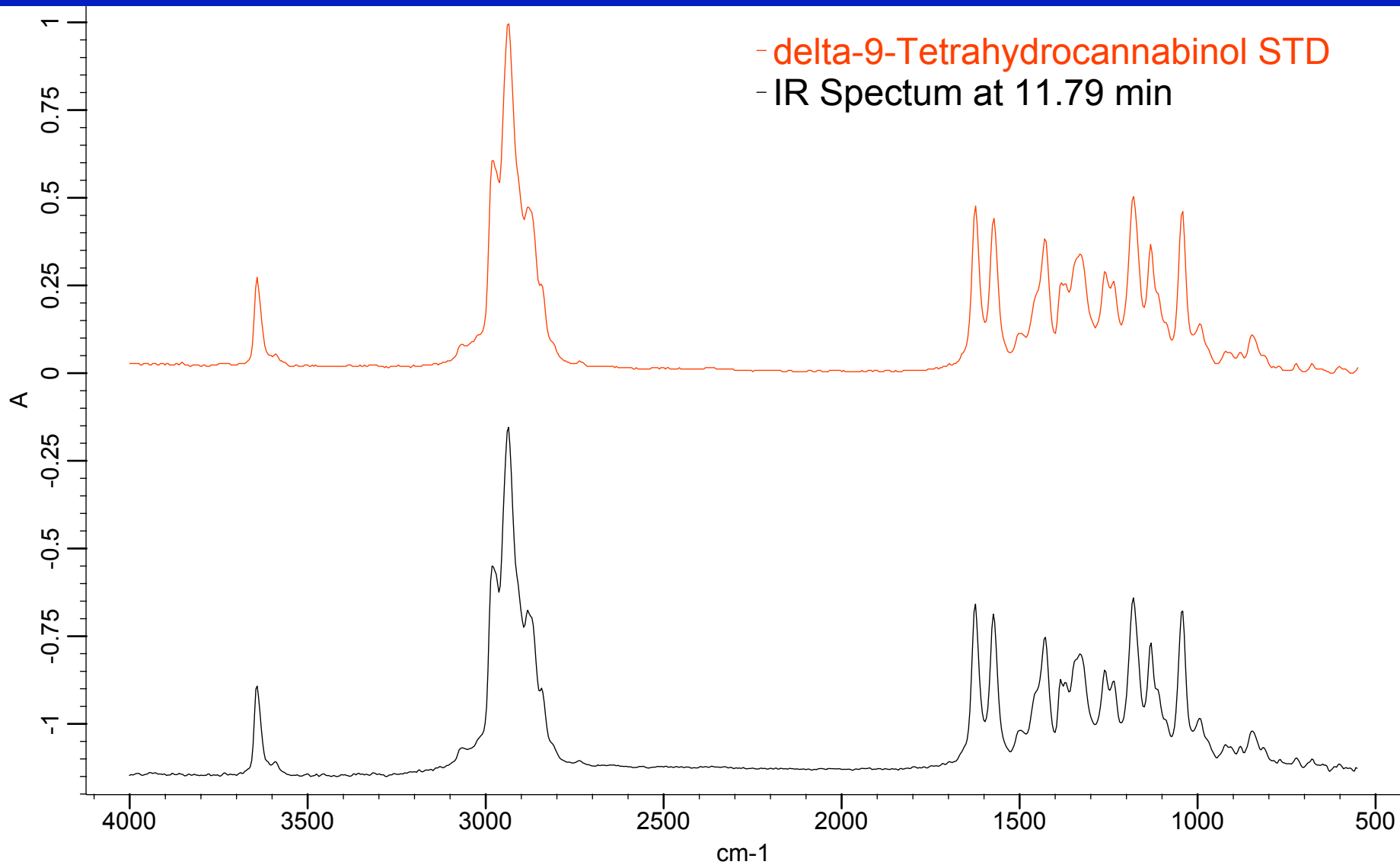
Conditions

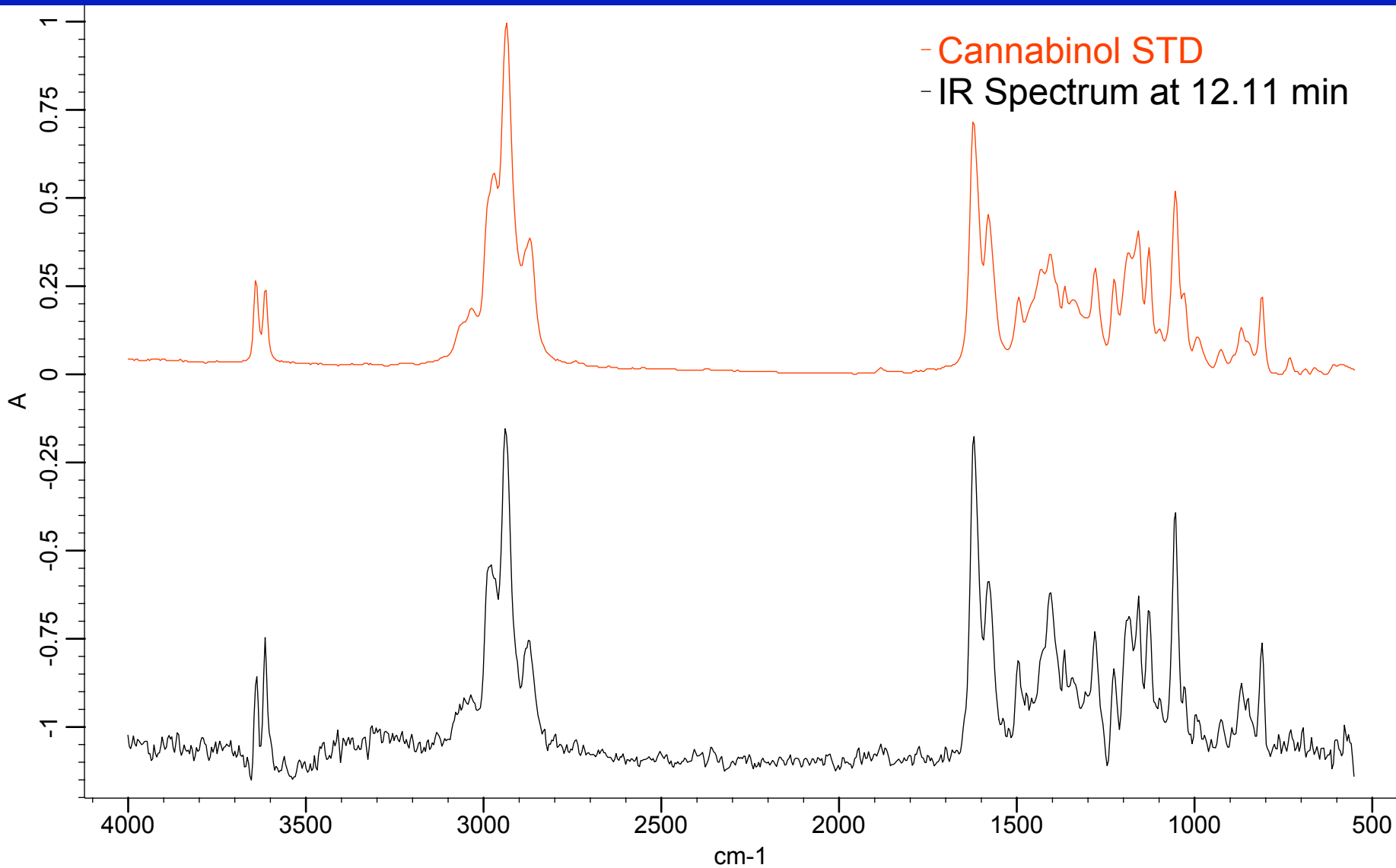
- Agilent 6890 GC
- ASAP IRD II
- HP-5 2.0 mL/min
 - 30m x .25mm ID x .25 μ m coating
- 1.0 μ L Splitless
 - 80 mL/min Purge @ 0.75 min
- Inlet: 250° C
- Oven: 80° C (1 min)
 - 20° C/min to 280° C
 - Final Hold 13.00 min
- IRD II
 - Transfer Lines and Flow Cell: 280° C
 - Sweep regulators at 5 psig.

Infrared Chromatogram (Gram-Schmidt Reconstruction)









Library Search versus Peak #3 Data



**ASAP IRD II Now Available
Call 1-877-987-2800**



Press <esc> to conclude presentation.