

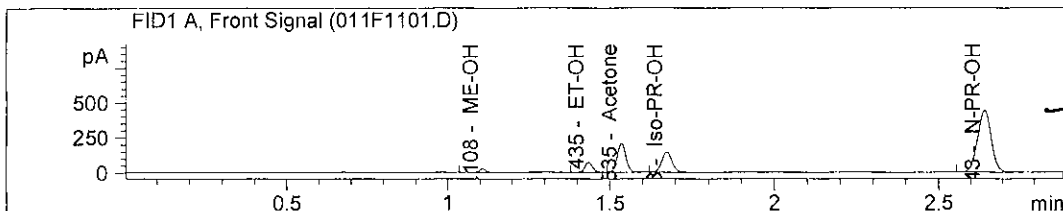
**HOUSTON FORENSIC SCIENCE CENTER**  
**FORENSIC ANALYSIS DIVISION**

**Reagent Preparation Worksheet**  
**Volatiles Analysis**

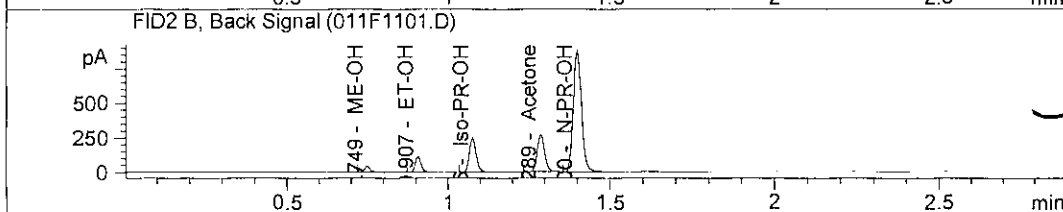
Reagent: Low Aqueous Mixed Volatile Control 0.02 g/100mL (LMQC)

Preparation Notes: Pipette 254  $\mu$ l each of ethanol, methanol, isopropanol and acetone into a 100 mL volumetric flask with approximately 90 mL of DI water. Bring to volume with DI water.

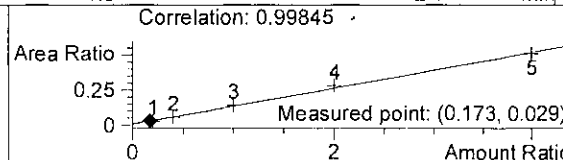
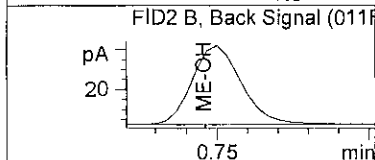
Lab Lot #	Date Prepared	Preparer's Initials	Chemical 1		Chemical 2		Chemical 3		Volume Made	QC Check Date	Expiration Date
			Manufacturer/Lot #	Manufacturer/Lot #	Manufacturer/Lot #	Manufacturer/Lot #					
01232015-LMQC	11/23/2015	AOJ	Ethanol 200 Proof Acros 99.576 Lot: B0524101	Isopropanol EMD Lot: 52046	Milipore Direct QC WUB DI H <sub>2</sub> O	100 mL	11/23/2015	AOJ	11/23/2016 <del>11/23/2015</del> 30 Day bag		
—	—	—	Methanol Macron Lot: 0000076721	Acetone J.T. Baker Lot: #20616	—	—	—	—	—		



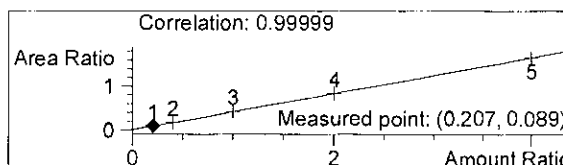
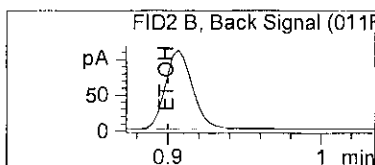
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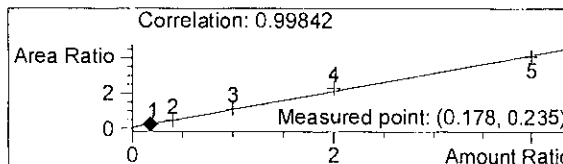
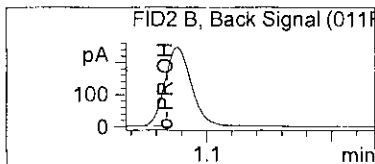
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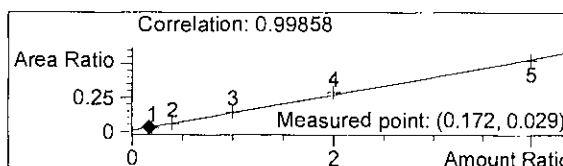
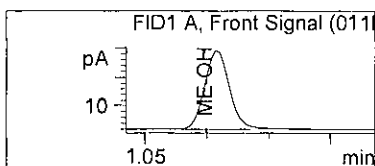
Compound	gm/dL	Meas. R	Exp. RT	Area
ME-OH	0.0173	0.749	0.750	44.514



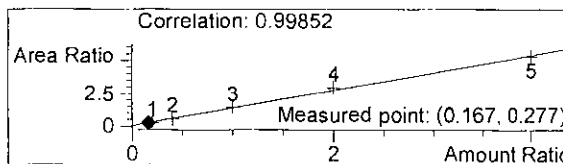
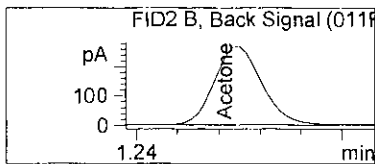
Compound	gm/dL	Meas. R	Exp. RT	Area
ET-OH	0.0207	0.907	0.906	136.163



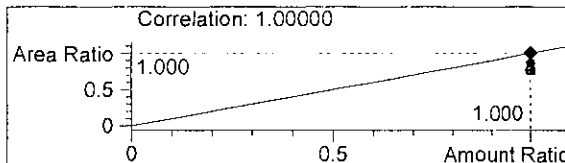
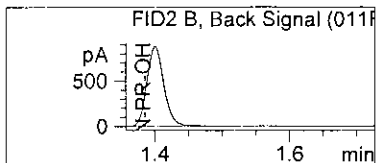
Compound	gm/dL	Meas. R	Exp. RT	Area
Iso-PR-OH	0.0178	1.076	1.078	361.317



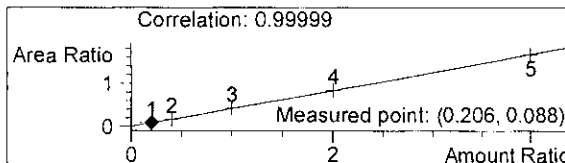
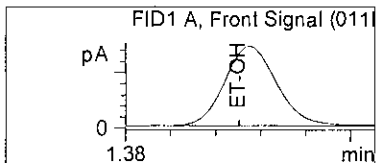
Compound	gm/dL	Meas. R	Exp. RT	Area
ME-OH	0.0172	1.108	1.108	38.305



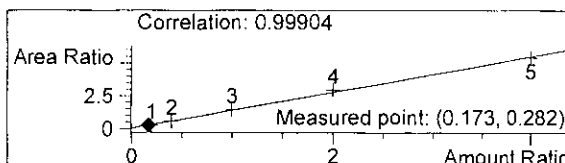
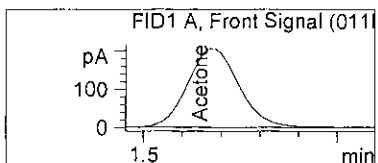
Compound	gm/dL	Meas. R	Exp. RT	Area
Acetone	0.0167	1.289	1.289	425.769



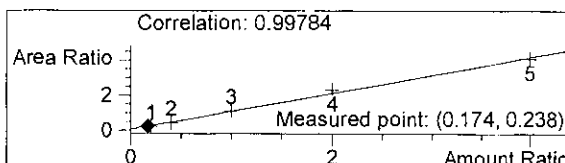
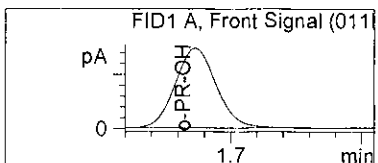
Compound	gm/dL	Meas. R	Exp. RT	Area
N-PR-OH	0.1000	1.400	1.401	1.535e3



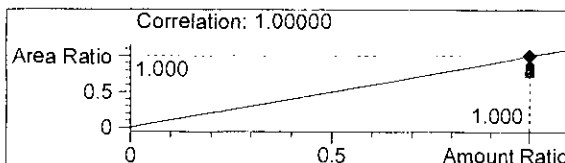
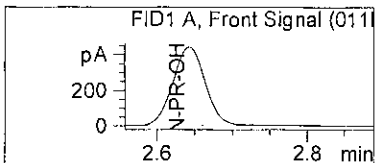
Compound	gm/dL	Meas. R	Exp. RT	Area
ET-OH	0.0206	1.435	1.437	116.526



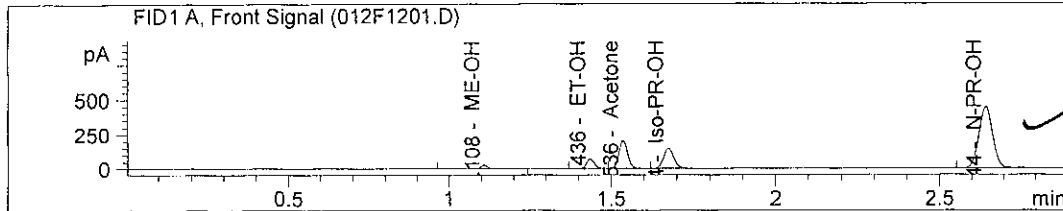
Compound	gm/dL	Meas. R	Exp. RT	Area
Acetone	0.0173	1.535	1.537	373.672



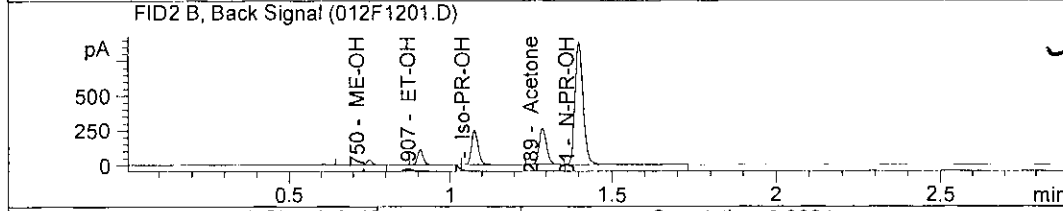
Compound	gm/dL	Meas. R	Exp. RT	Area
Iso-PR-OH	0.0174	1.673	1.682	316.479



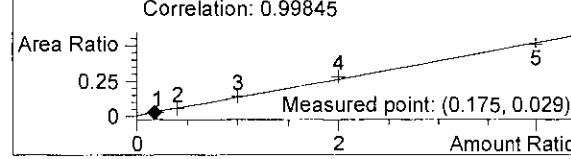
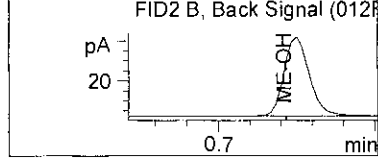
Compound	gm/dL	Meas. R	Exp. RT	Area
N-PR-OH	0.1000	2.643	2.643	1.327e3



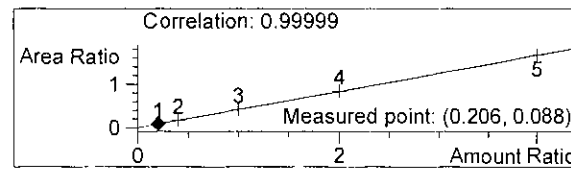
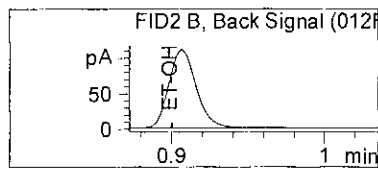
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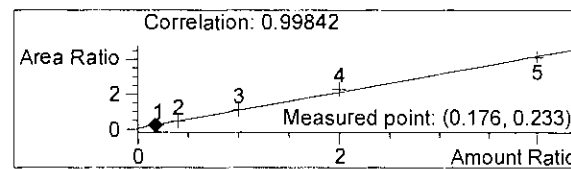
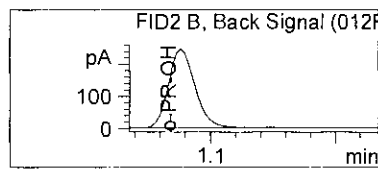
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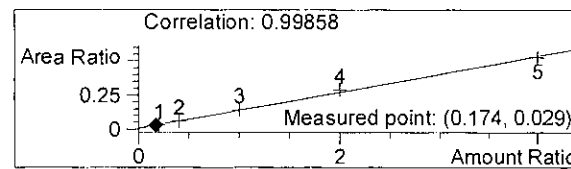
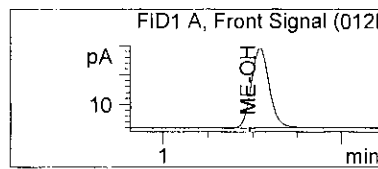
Compound	gm/dL	Meas. R	Exp. RT	Area
ME-OH	0.0175	0.750	0.750	45.095



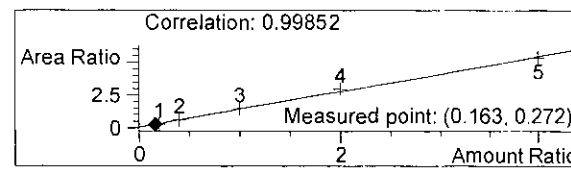
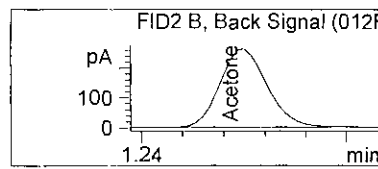
Compound	gm/dL	Meas. R	Exp. RT	Area
ET-OH	0.0206	0.907	0.906	136.045



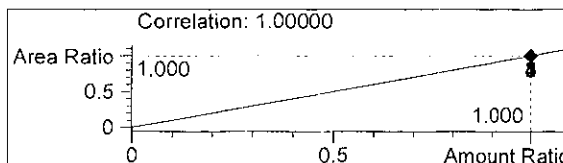
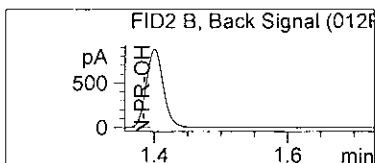
Compound	gm/dL	Meas. R	Exp. RT	Area
Iso-PR-OH	0.0176	1.077	1.078	359.623



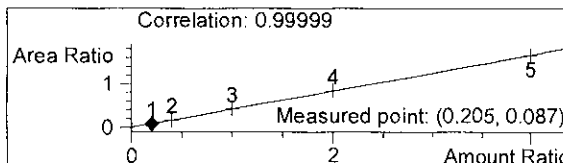
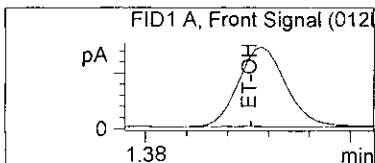
Compound	gm/dL	Meas. R	Exp. RT	Area
ME-OH	0.0174	1.108	1.108	38.923



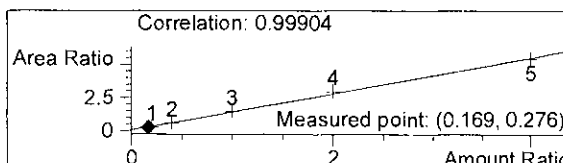
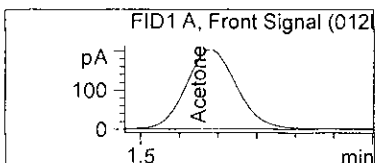
Compound	gm/dL	Meas. R	Exp. RT	Area
Acetone	0.0163	1.289	1.289	418.959



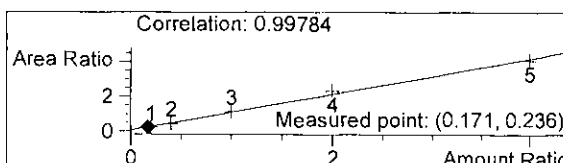
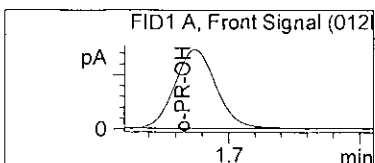
Compound	gm/dL	Meas. R	Exp. RT	Area
N-PR-OH	0.1000	1.401	1.401	1.541e3



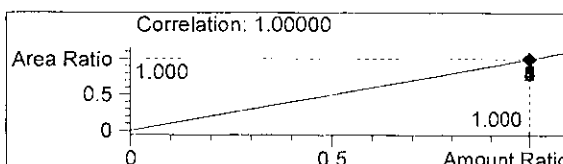
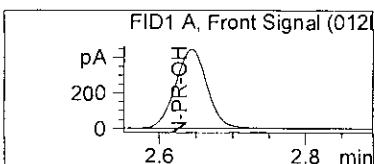
Compound	gm/dL	Meas. R	Exp. RT	Area
ET-OH	0.0205	1.436	1.437	116.608



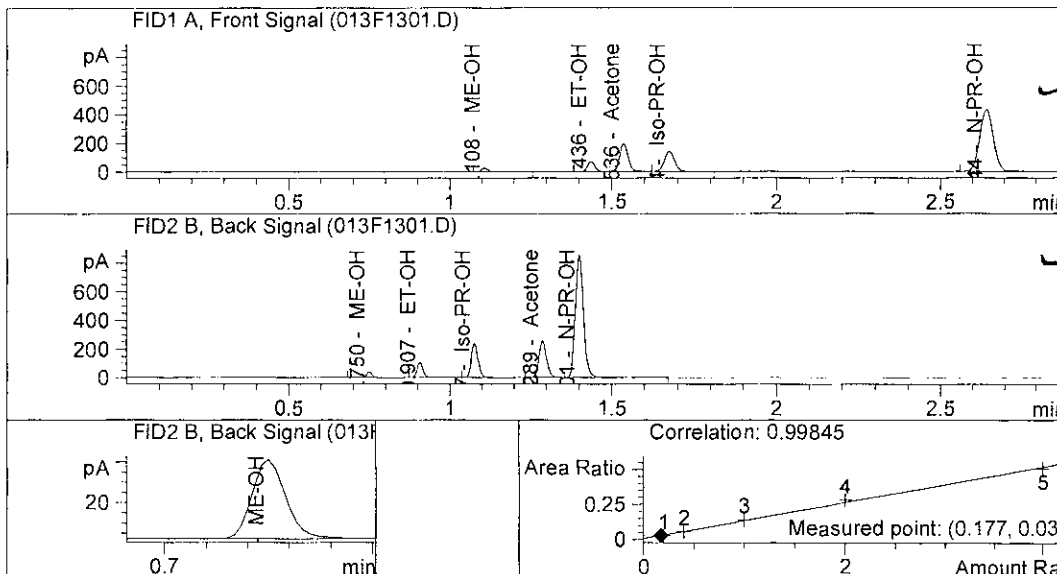
Compound	gm/dL	Meas. R	Exp. RT	Area
Acetone	0.0169	1.536	1.537	368.143



Compound	gm/dL	Meas. R	Exp. RT	Area
Iso-PR-OH	0.0171	1.674	1.682	315.203



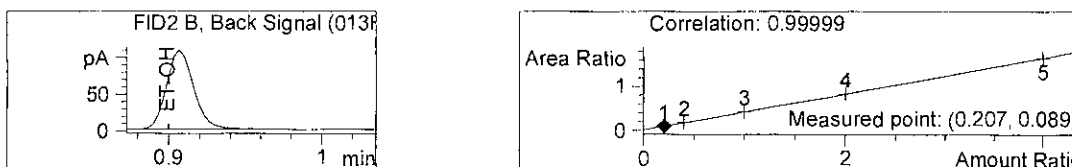
Compound	gm/dL	Meas. R	Exp. RT	Area
N-PR-OH	0.1000	2.644	2.643	1.334e3



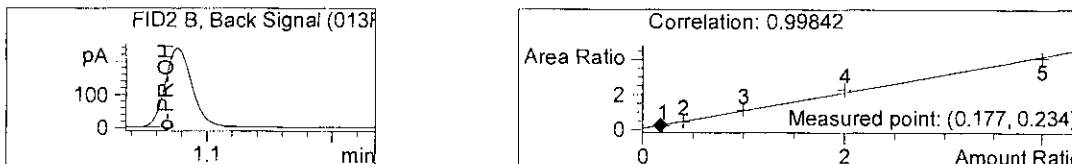
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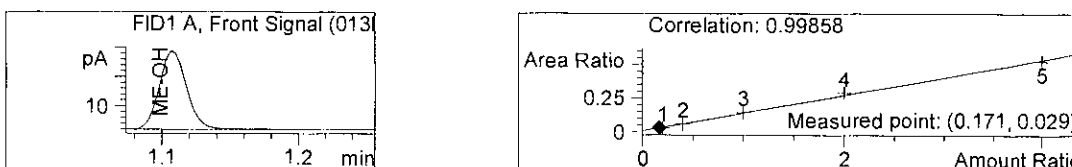
Compound	gm/dL	Meas. R	Exp. RT	Area
ME-OH	0.0177	0.750	0.750	44.056



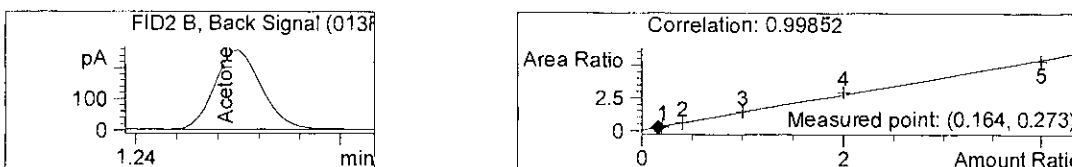
Compound	gm/dL	Meas. R	Exp. RT	Area
ET-OH	0.0207	0.907	0.906	132.828



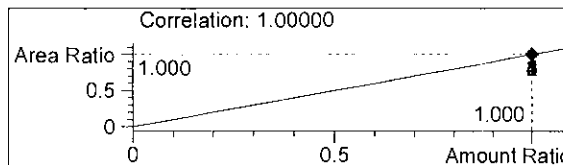
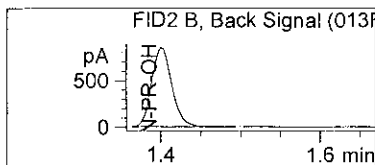
Compound	gm/dL	Meas. R	Exp. RT	Area
Iso-PR-OH	0.0177	1.077	1.078	348.650



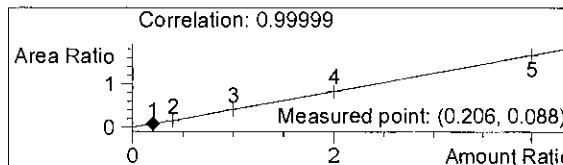
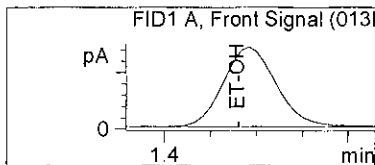
Compound	gm/dL	Meas. R	Exp. RT	Area
ME-OH	0.0171	1.108	1.108	37.152



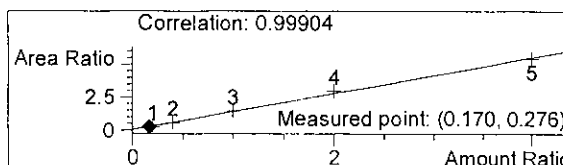
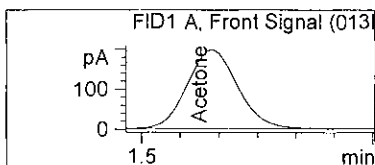
Compound	gm/dL	Meas. R	Exp. RT	Area
Acetone	0.0164	1.289	1.289	406.811



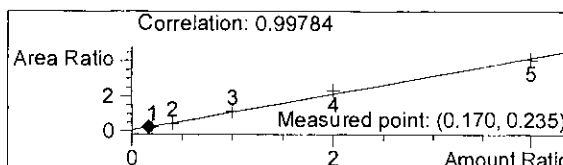
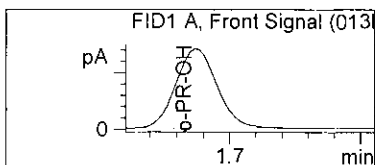
Compound	gm/dL	Meas. R	Exp. RT	Area
N-PR-OH	0.1000	1.401	1.401	1.492e3



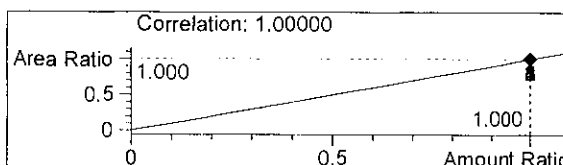
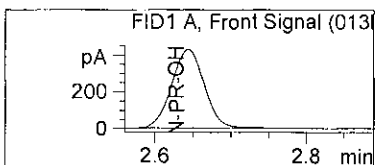
Compound	gm/dL	Meas. R	Exp. RT	Area
ET-OH	0.0206	1.436	1.437	113.442



Compound	gm/dL	Meas. R	Exp. RT	Area
Acetone	0.0170	1.536	1.537	356.785



Compound	gm/dL	Meas. R	Exp. RT	Area
Iso-PR-OH	0.0170	1.674	1.682	303.986



Compound	gm/dL	Meas. R	Exp. RT	Area
N-PR-OH	0.1000	2.644	2.643	1.292e3