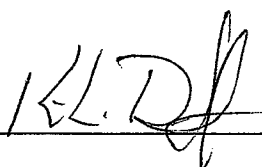
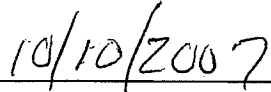
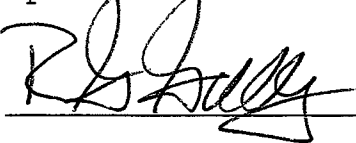



Notice of Simulator Solution File Review

At the request of the State Toxicologist a review of the following simulator solution records has been accomplished. The following file consists of simulator solution analyses performed and completed by the State Toxicology Laboratory for a specific batch number. The file contains the simulator solution data entry form along with a file review record and the chromatograms generated by the Toxicology Laboratory during the analyses of the solutions. This file has been reviewed by Tpr. Ken Denton and Mr. Rod Gullberg for accuracy and completeness. Where computations regarding simulator solution values have been found to be incorrect, the corrected values have been written in by Mr. Rod Gullberg along with initials and date. The corrected values were then evaluated to ensure that the solution still conformed to those standards established by the State Toxicologist.

Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear on their original affidavit along with a statement regarding their review of the results.

Where a dating error occurred that analyst will have made the correction on the original data form including their initials and date and then re-signed their original affidavit.

	
Tpr. Ken Denton	Date
	
Rod G. Gullberg	Date

Washington State Toxicology Laboratory
Simulator Solution Data Entry Review Form

Reviewer KEN BENTON / ROB GULLBERG Date 10-5-07
Location TOX LAB SEATTLE Batch Number 06006

Form Review Criteria

Preparation date precedes all analysis dates: Okay Not Okay ___
Data entry corresponds to all chromatograms: Okay Not Okay ___
All signatures present: Okay Not Okay ___

Computations:

Avg. solution concentration: Correct Not Correct ___
Standard deviation: Correct Not Correct ___
Range: Correct Not Correct ___
Precision: Correct Not Correct ___
Equivalent vapor concent.: Correct Not Correct ___
External Control Information
(lot # and future date): Correct Not Correct ___

Complies with accuracy and precision requirements established by the
State Toxicologist: Yes No ___

Corrections Necessary:

DATE OF ANALYSIS FOR BREAD C. INCORRECT

Comments:

Reviewer Signature:  Date: 10-5-07
Reviewer Signature:  Date: 10/5/2007

WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
 WASHINGTON STATE PATROL
 2203 AIRPORT WAY S, SUITE 360
 SEATTLE, WASHINGTON 98134-2027
 (206) 262-6100 FAX (206) 262-6145

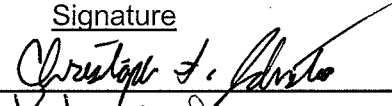
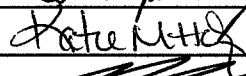
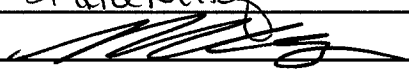
Preparation and certification of **0.10** g/210L Quality Assurance solution
 Batch number **06006** Date: 2/6/2006
 Preparation: 28.9 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal 10	Anal 11	Anal 12	Anal 13	Anal 14	Anal 15	Anal 16
1	0.126	0.124	0.126													
2	0.127	0.125	0.126													
3	0.126	0.125	0.127													
4	0.126	0.124	0.126													
5	0.127	0.125	0.128													
Ctrl	0.101	0.098	0.103													

External Control:
 Lot #: A03592520 Exp date: 07-09
 Target concentration: 0.10 g/100mL

Statistics:
 Avg. solution concent.: 0.1259 g/100 mL
 SD: 0.00113
 Range (3xSD): 0.1225 to 0.1293
 Precision CV (%): 0.8939 %

Equivalent vapor concent.: 0.1024 g/210L

Analyst	Name	Signature	Date
1	Christopher S Johnston		02/08/2006
2	Katie M Hof		02/06/2006
3	Brian Capron		2-7-06 02/08/2006 ^{BC}
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Prepared by: Christopher S Johnston according to the approved protocol



STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

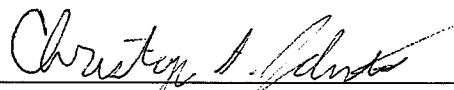
I, Christopher S. Johnston, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biochemistry.

The quality assurance solution, Lot Number 06006, was prepared in the Washington State Toxicology Laboratory on 2/6/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1259 grams per 100ml.

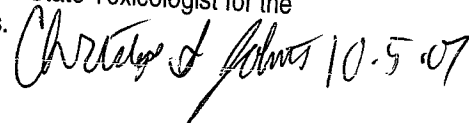
Dated: 3/7/2006
Seattle, WA



Christopher S. Johnston
Forensic Toxicologist

CSJ/ks
CJQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.

 10-5-07





STATE OF WASHINGTON
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WASHINGTON STATE TOXICOLOGY LABORATORY

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION


I, Katie M. Hof, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: Bachelors degree in Medical Technology and twenty years of experience as a forensic toxicologist.

The quality assurance solution, Lot Number 06006, was prepared in the Washington State Toxicology Laboratory on 2/6/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1259 grams per 100ml.

Dated: 3/7/2006
Seattle, WA



Katie M. Hof
Forensic Toxicologist

KMH/ks
KHQA





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WASHINGTON STATE TOXICOLOGY LABORATORY

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Brian Capron, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology and nine years of experience in forensic toxicology.

The quality assurance solution, Lot Number 06006, was prepared in the Washington State Toxicology Laboratory on 2/6/2006. I examined and tested this solution. The mean concentration of the alcohol was 0.1259 grams per 100ml.

Dated: 3/7/2006
Seattle, WA

Brian Capron
Forensic Toxicologist

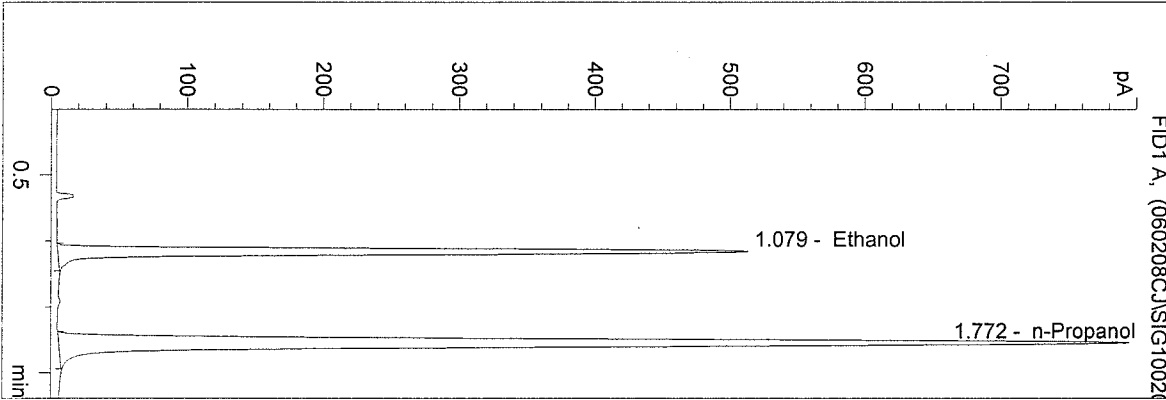
BC/ks
BCQA

A review of solution batch records was recently completed. After this review, I checked the file for this solution and reviewed all changes that were made. I found that the solution still conformed to those standards established by the State Toxicologist for the certification of simulator solutions.



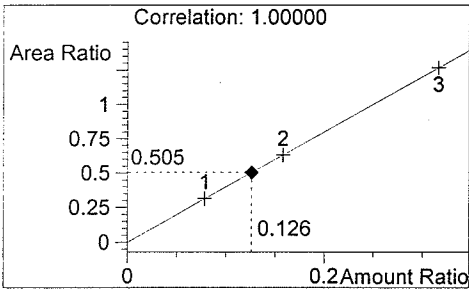
C:\HPCHEM\1\METHODS\BLDALCO.M
 2/8/2006 11:44:11 AM
 Instrument 1
 DB BAC 1

QA
 SIM 6006
 Chris Johnston
 vial # 20



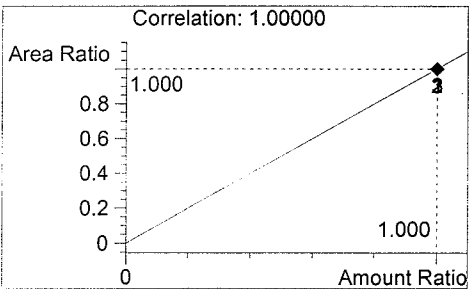
#	Compound	Area	RT
1	Ethanol	1584	1.079
2	n-Propanol	3136	1.772

Tot



Ethanol

0.126 g/100ml

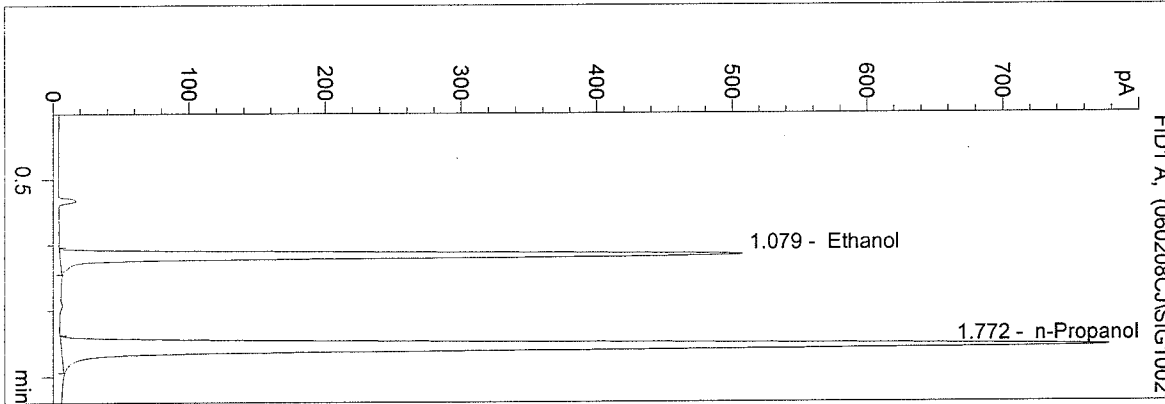


n-Propanol

1.000 g/100ml

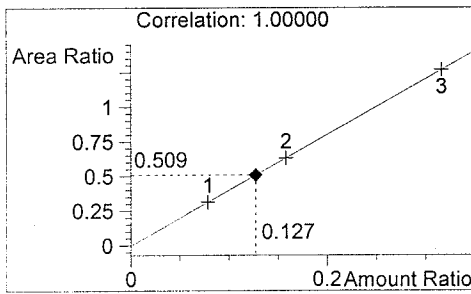
C:\HPCHEM\1\METHODS\BLDALCO.M
 2/8/2006 11:47:16 AM
 Instrument 1
 DB BAC 1

QA
 SIM 6006
 Chris Johnston
 vial # 21



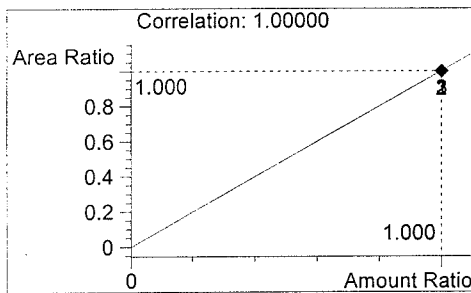
#	Compound	Area	RT
1	Ethanol	1561	1.079
2	n-Propanol	3065	1.772

Tot



Ethanol

0.127 g/100ml

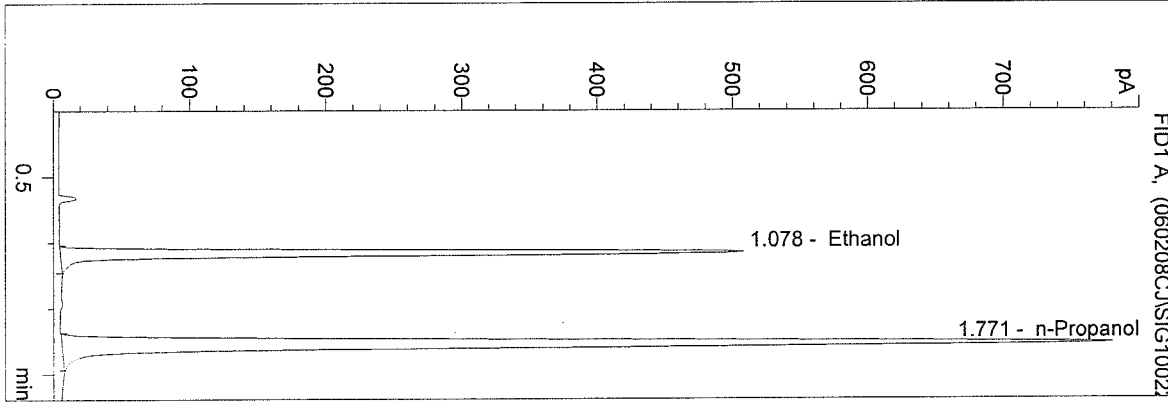


n-Propanol

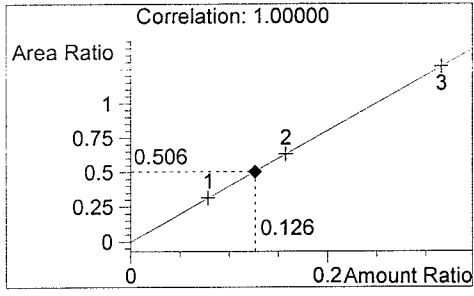
1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 2/8/2006 11:50:20 AM
 Instrument 1
 DB BAC 1

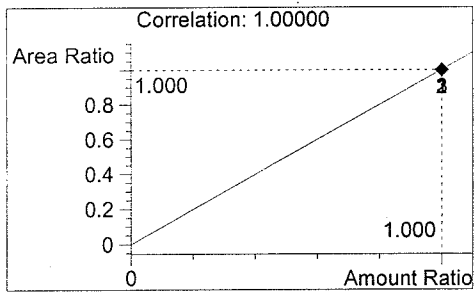
QA
 SIM 6006
 Chris Johnston
 vial # 22



#	Compound	Area	RT
1	Ethanol	1552	1.078
2	n-Propanol	3069	1.771
Tot			



Ethanol 0.126 g/100ml

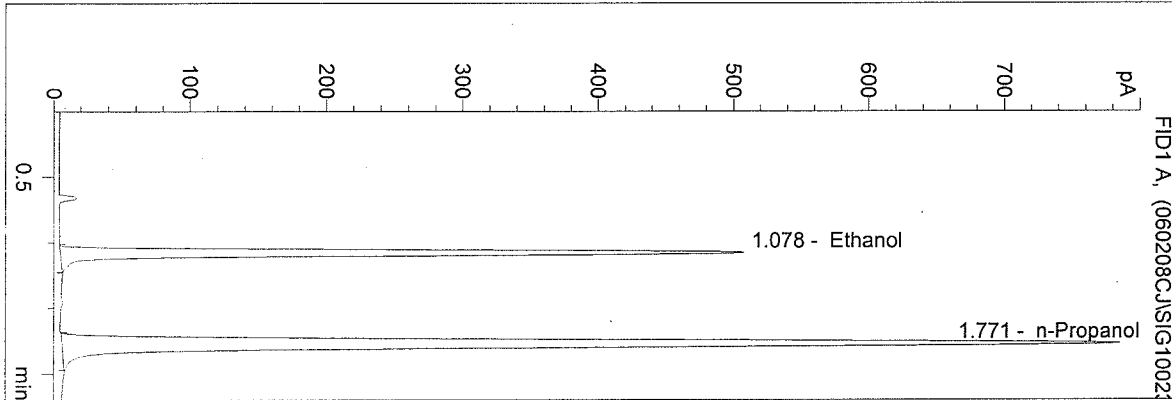


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
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 Instrument 1
 DB BAC 1

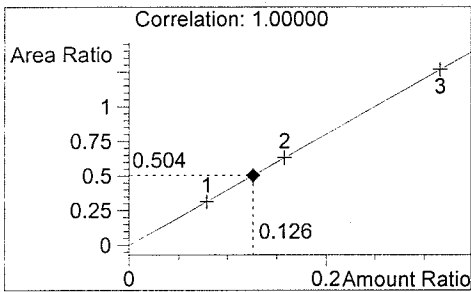
STIM 6006
 Chris Johnston

vial # 23



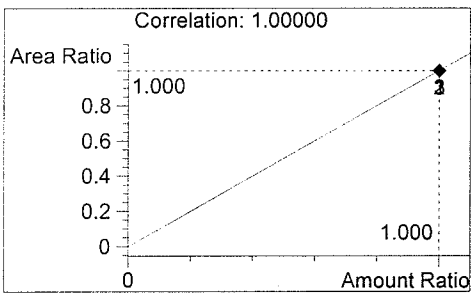
#	Compound	Area	RT
1	Ethanol	1557	1.078
2	n-Propanol	3088	1.771

Tot



Ethanol

0.126 g/100ml



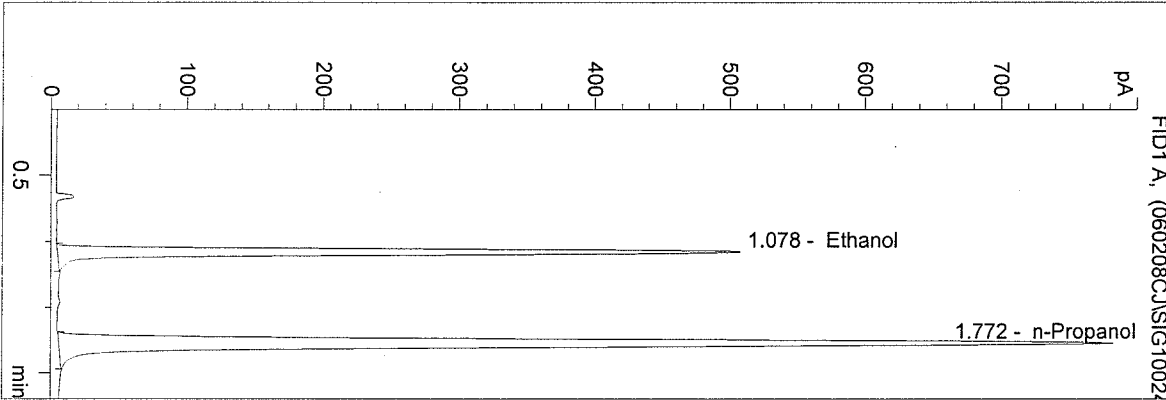
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 2/8/2006 11:56:30 AM
 Instrument 1
 DB BAC 1

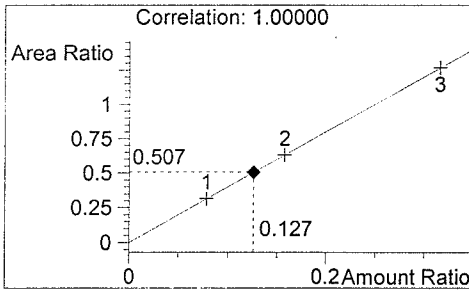
QA
 SIM 6006
 Chris Johnston

vial # 24



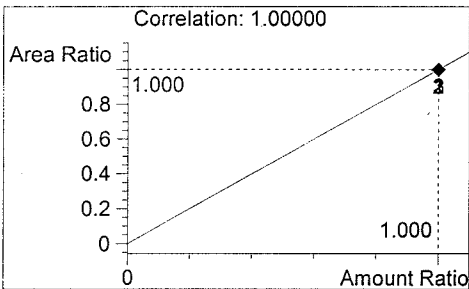
#	Compound	Area	RT
1	Ethanol	1569	1.078
2	n-Propanol	3095	1.772

Tot



Ethanol

0.127 g/100ml



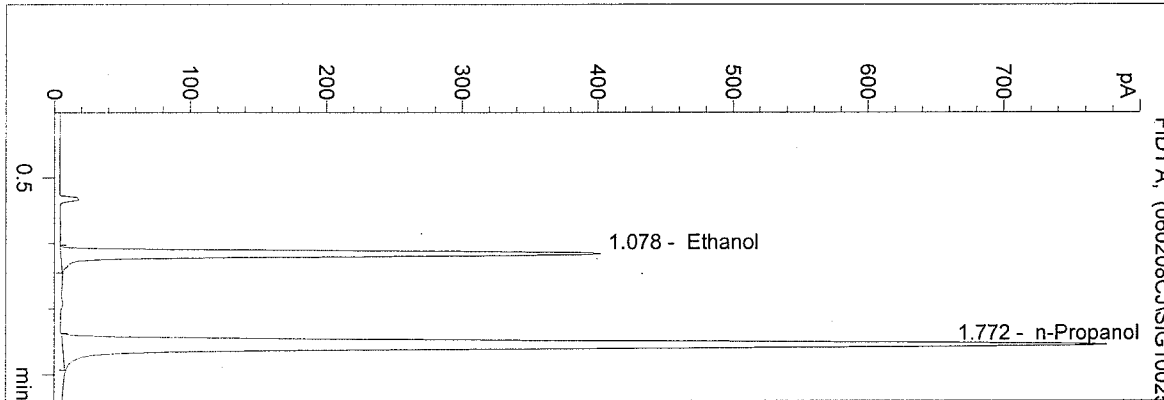
n-Propanol

1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
 2/8/2006 11:59:35 AM
 Instrument 1
 DB BAC 1

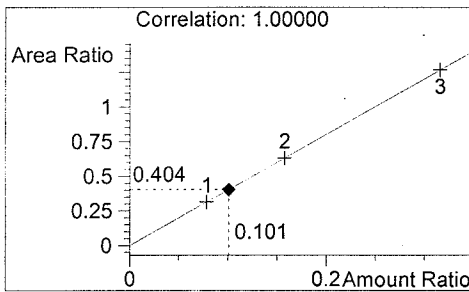
0.10 CONTROL-CJ
 Chris Johnston

vial # 25



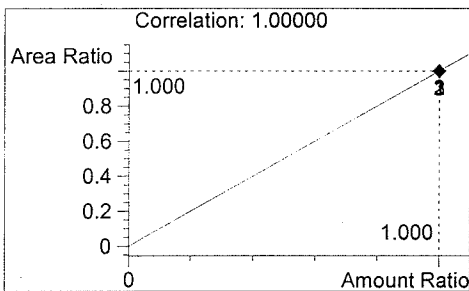
#	Compound	Area	RT
1	Ethanol	1235	1.078
2	n-Propanol	3057	1.772

Tot



Ethanol

0.101 g/100ml



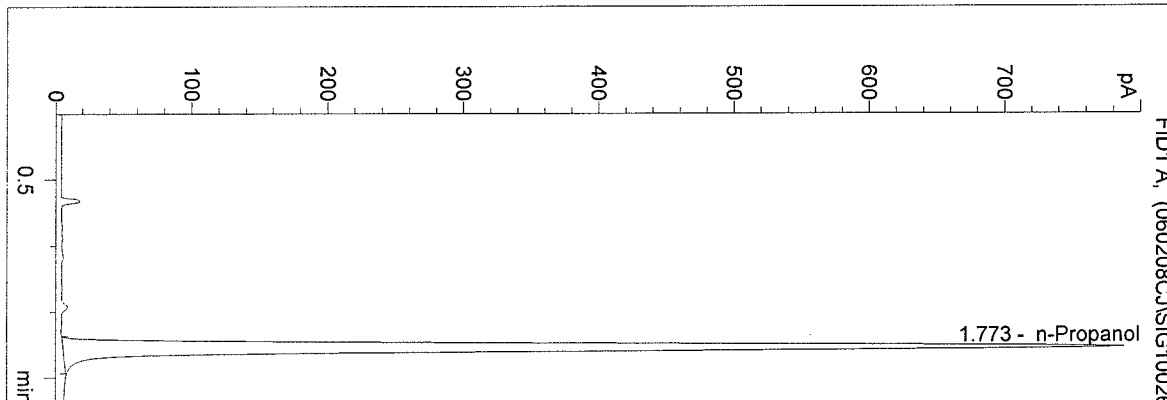
n-Propanol

1.000 g/100ml

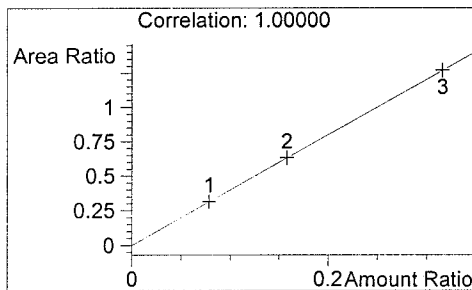
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 2/8/2006 12:02:40 PM
 Instrument 1
 DB BAC 1

BLANK
 Chris Johnston

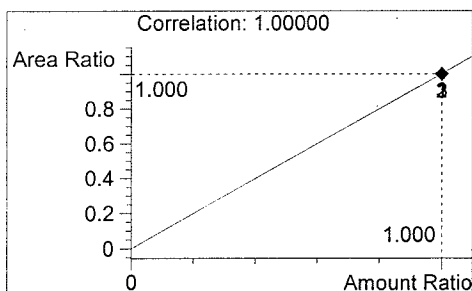
vial # 26



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3112	1.773
Tot			



Ethanol 0.000 g/100ml

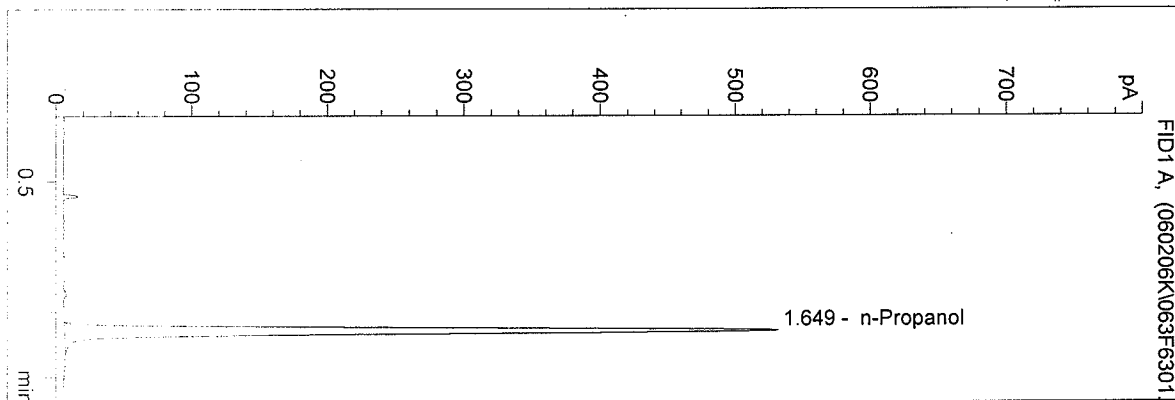


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/6/2006 8:41:20 PM
 Instrument 4
 DS-ALC1

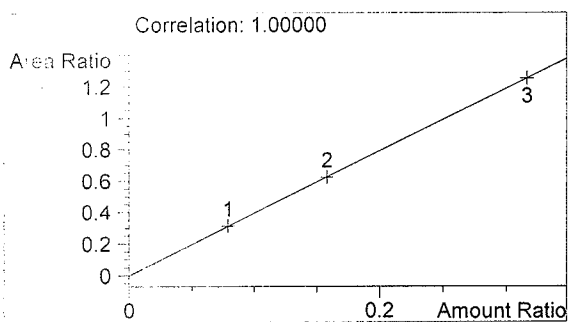
blank
 katie hof

vial # 63

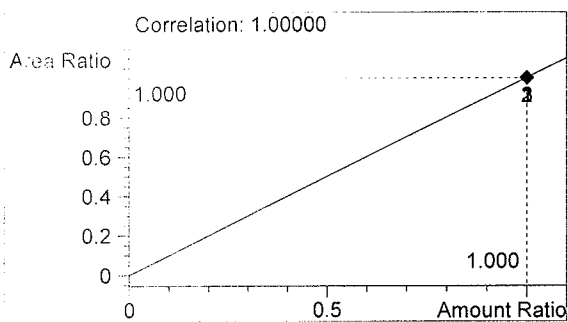


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1671	1.649

Totals:



Ethanol 0.000 g/100ml

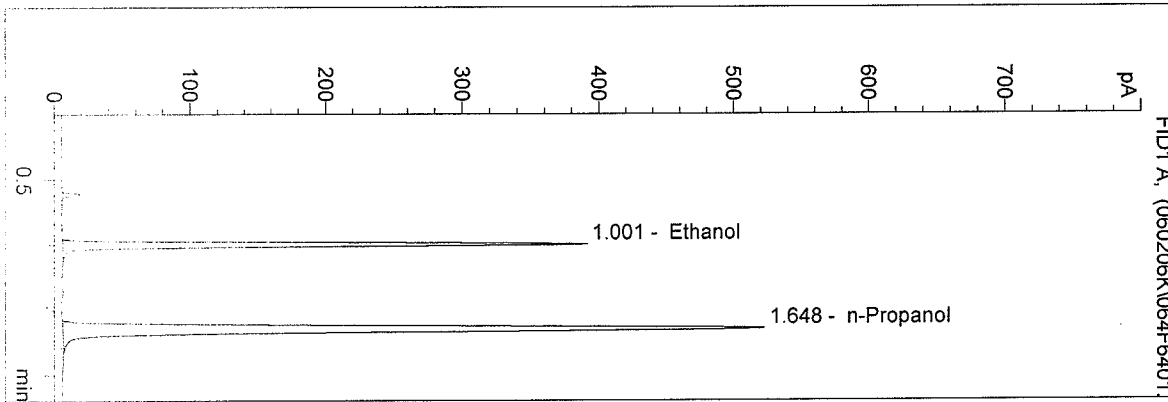


n-Propanol 1.000 g/100ml

D:\NHCHEM\1\METHODS\BLDALCO.M
 2/6/2006 8:44:35 PM
 Instrument 4
 DB-ALC1

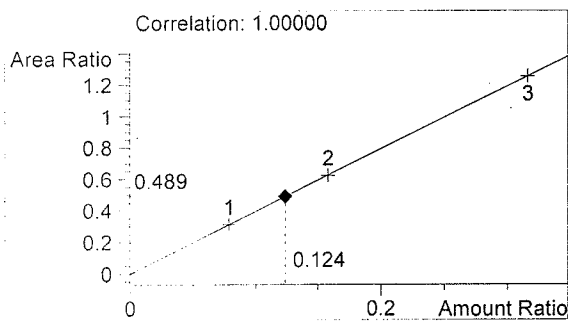
06006-1 qa
 katie hof

vial # 64

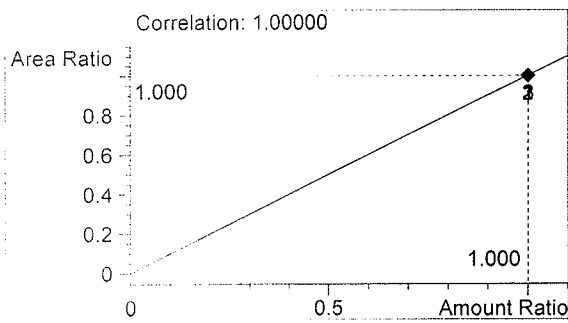


#	Compound	Area	RT
1	Ethanol	801	1.001
2	n-Propanol	1638	1.648

Totals:



Ethanol 0.124 g/100ml

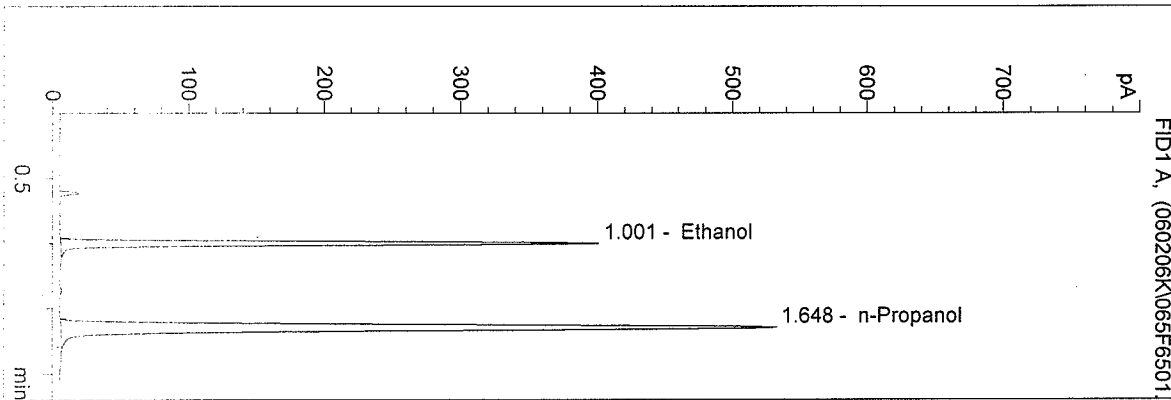


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/6/2006 8:47:50 PM
 Instrument 4
 DB-ALC1

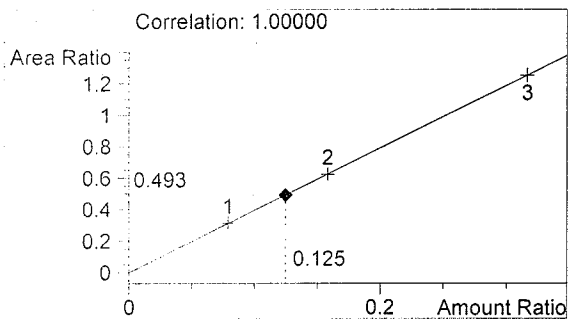
06006-2 qa
 katie hof

vial # 65

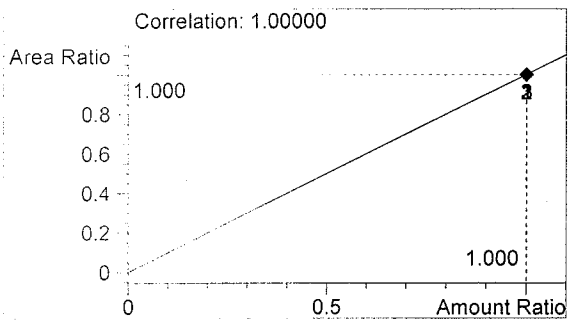


#	Compound	Area	RT
1	Ethanol	822	1.001
2	n-Propanol	1670	1.648

Totals:



Ethanol 0.125 g/100ml

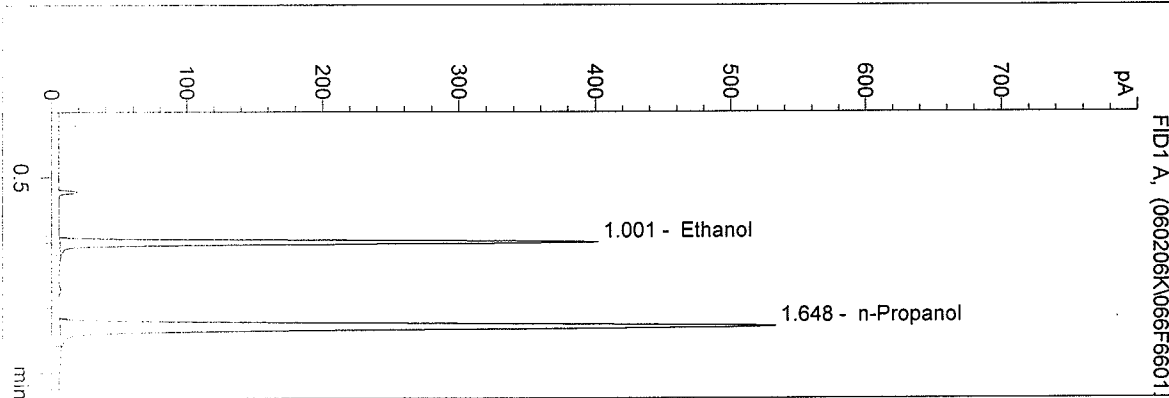


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/6/2006 8:51:10 PM
 Instrument 4
 DB-ALC1

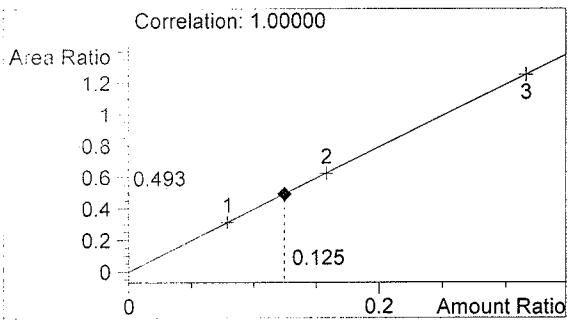
06006-3 qa
 katie hof

vial # 66

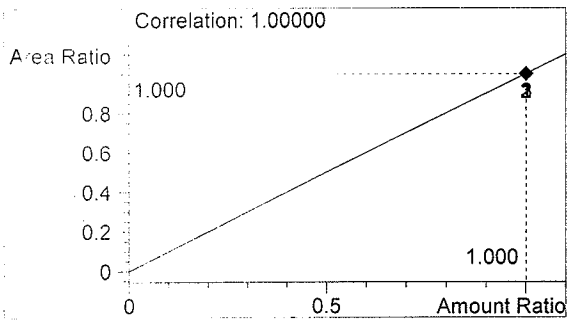


#	Compound	Area	RT
1	Ethanol	823	1.001
2	n-Propanol	1670	1.648

Totals:



Ethanol 0.125 g/100ml

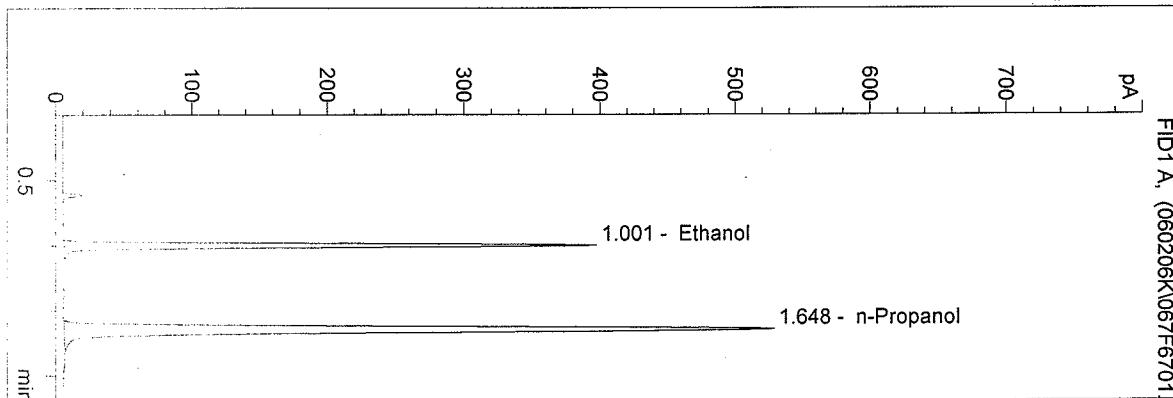


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/6/2006 8:54:28 PM
 Instrument 4
 DE-ALC1

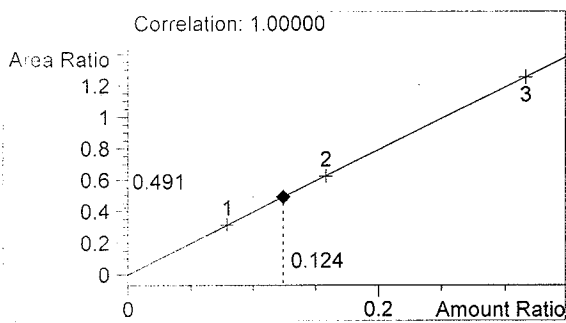
06006-4 qa
 katie hof

vial # 67

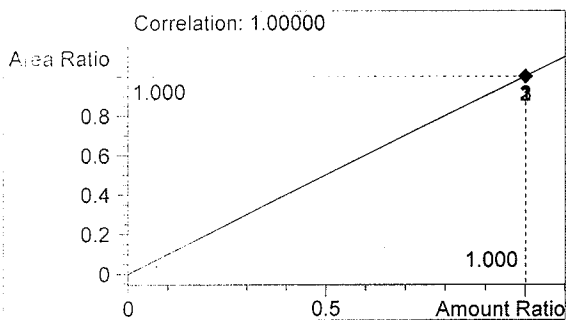


#	Compound	Area	RT
1	Ethanol	814	1.001
2	n-Propanol	1658	1.648

Totals:



Ethanol 0.124 g/100ml

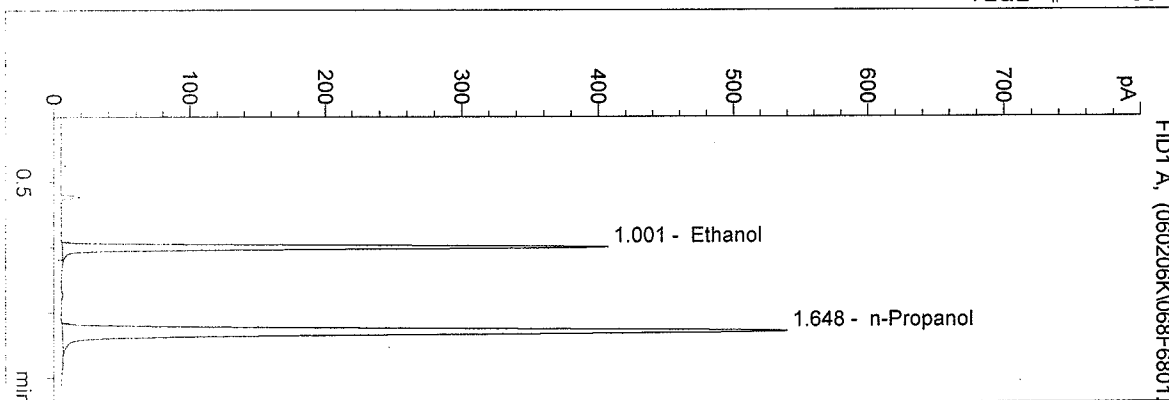


n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M
 2/6/2006 8:57:39 PM
 Instrument 4
 DB-ALC1

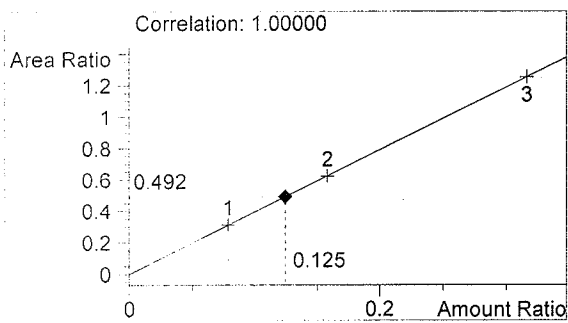
06006-5 qa
 katie hof

vial # 68

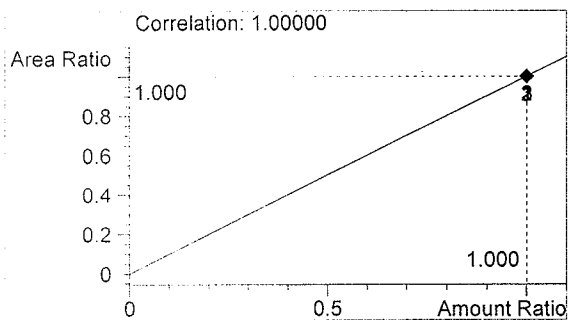


#	Compound	Area	RT
1	Ethanol	833	1.001
2	n-Propanol	1693	1.648

Totals:



Ethanol 0.125 g/100ml



n-Propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO.M

2/6/2006 9:00:49 PM

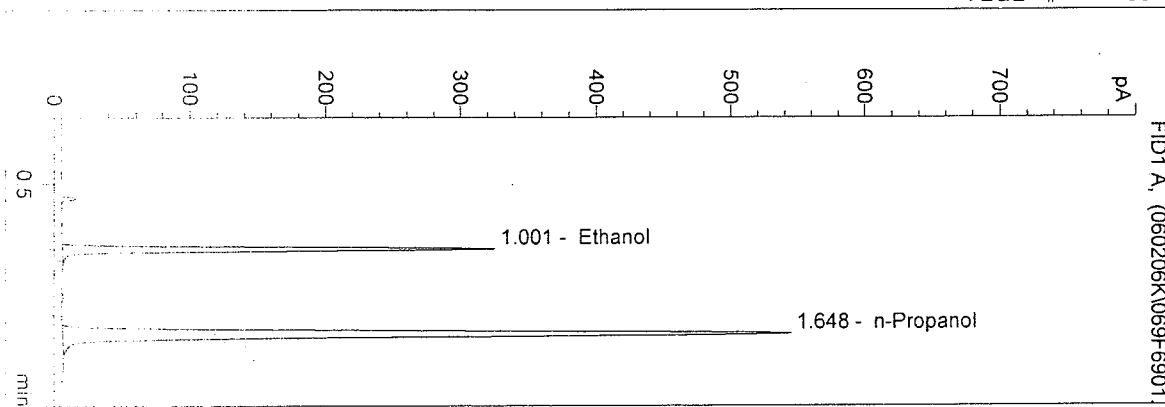
Instrument 4

D3-ALC1

0.10 ctl-kmh

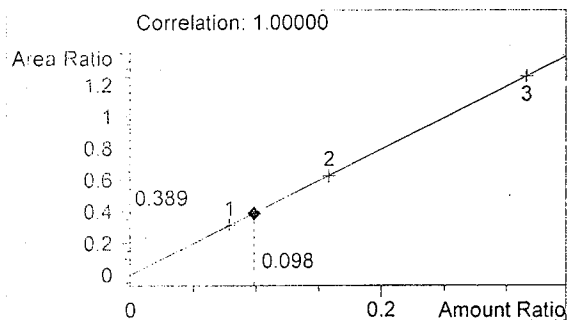
katie hof

vial # 69

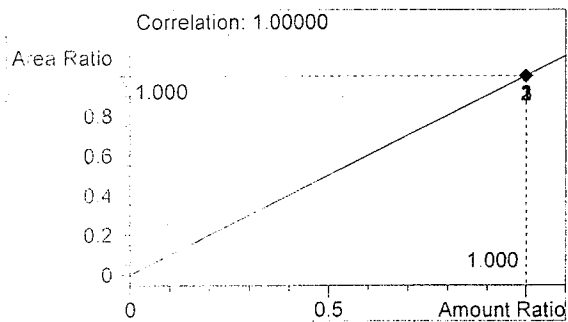


#	Compound	Area	RT
1	Ethanol	664	1.001
2	n-Propanol	1709	1.648

Totals:



Ethanol 0.098 g/100ml

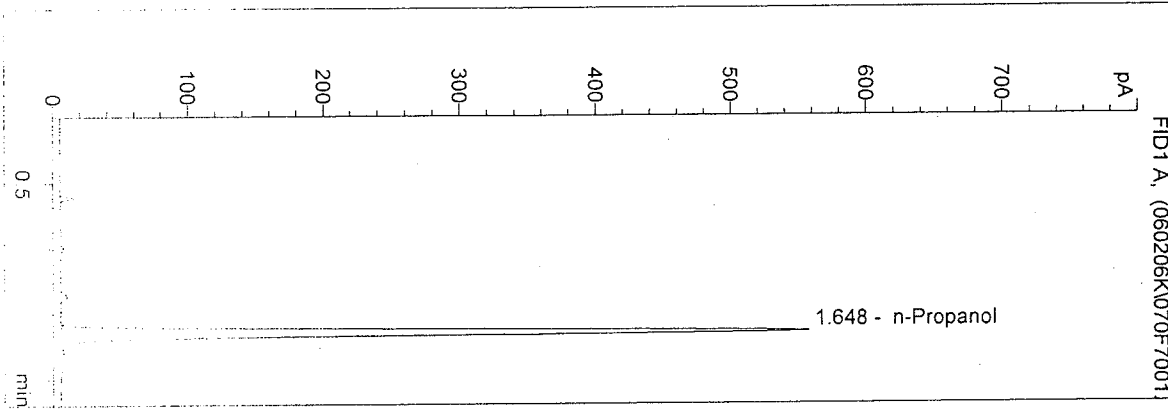


n-Propanol 1.000 g/100ml

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 2/17/2006 9:03:58 PM
 Instrument 4
 D-BALCO

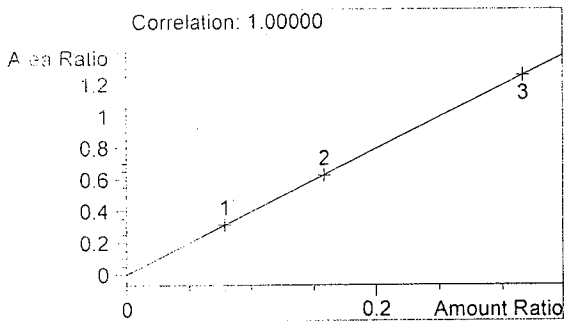
blank
 katie hof

vial # 70

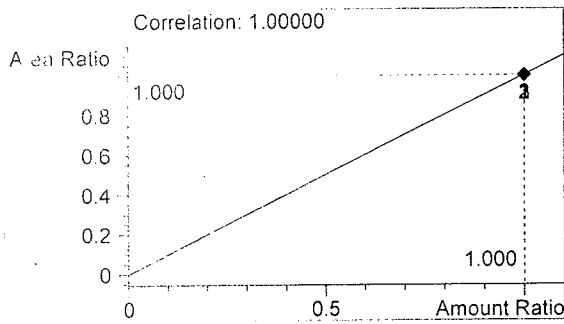


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1754	1.648

Totals:



Ethanol 0.000 g/100ml

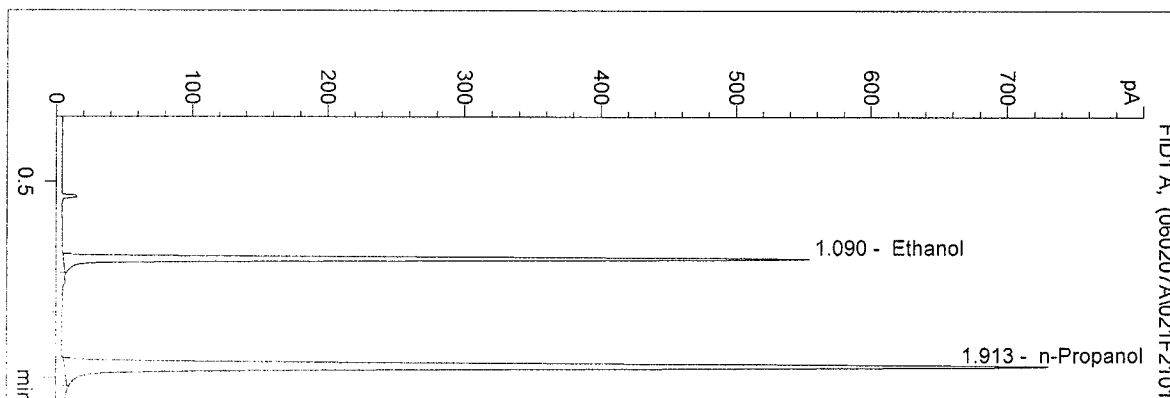


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

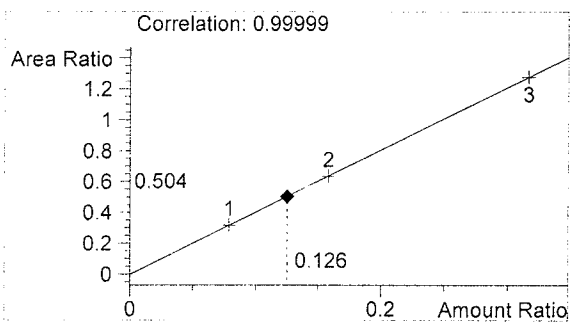
06006
 bcapron

vial # 21

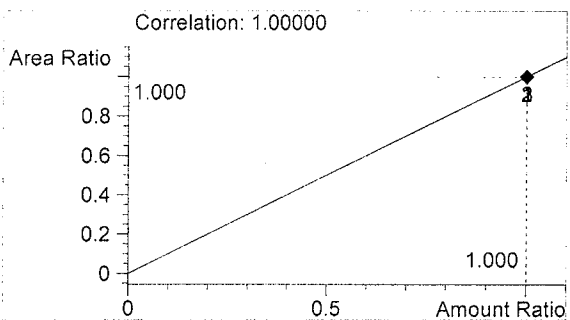


#	Compound	Area	RT
1	Ethanol	1069	1.090
2	n-Propanol	2119	1.913

Totals:



Ethanol 0.126 g/100ml

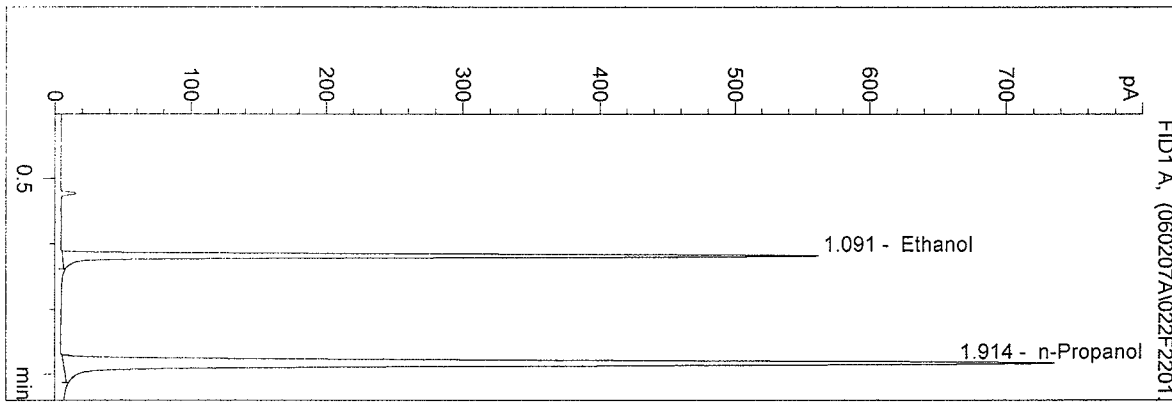


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

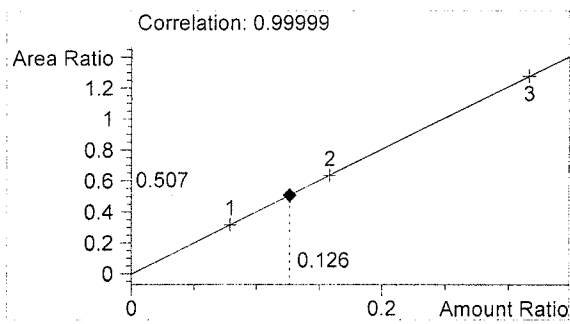
06006
 bcapron

vial # 22

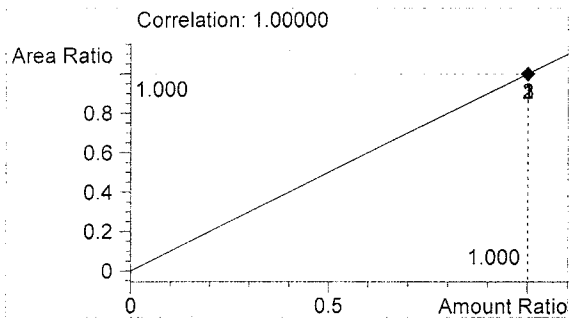


#	Compound	Area	RT
1	Ethanol	1081	1.091
2	n-Propanol	2130	1.914

Totals:



Ethanol 0.126 g/100ml

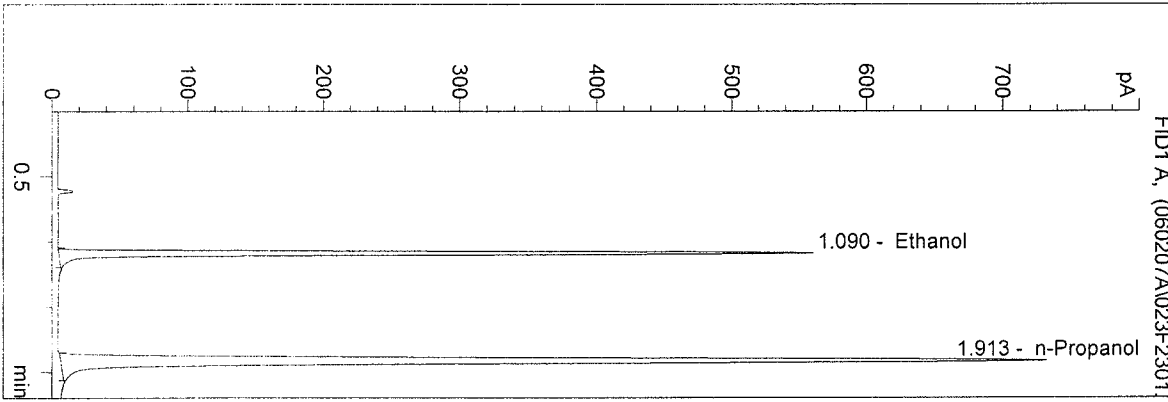


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

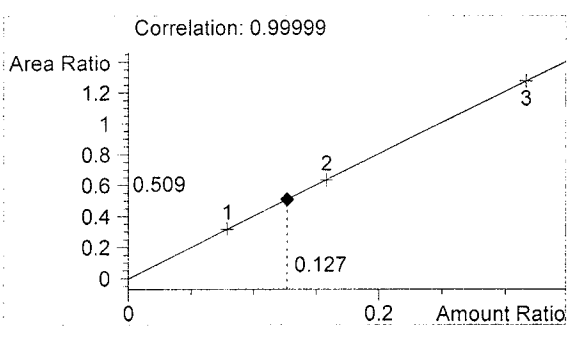
06006
 bcapron

vial # 23

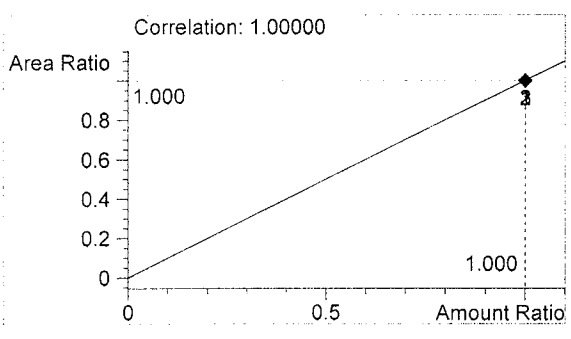


#	Compound	Area	RT
1	Ethanol	1081	1.090
2	n-Propanol	2125	1.913

Totals:



Ethanol 0.127 g/100ml

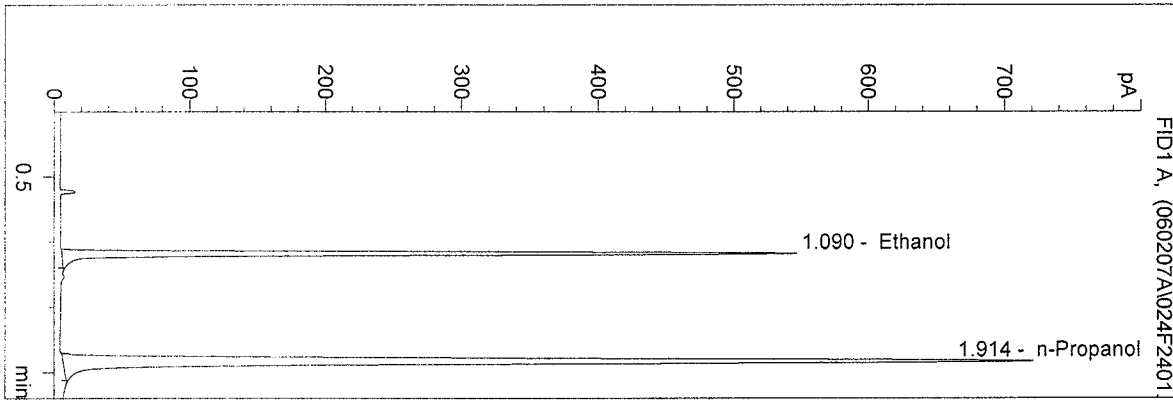


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

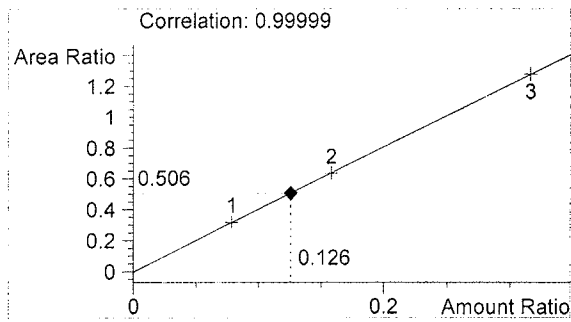
06006
 bcapron

vial # 24

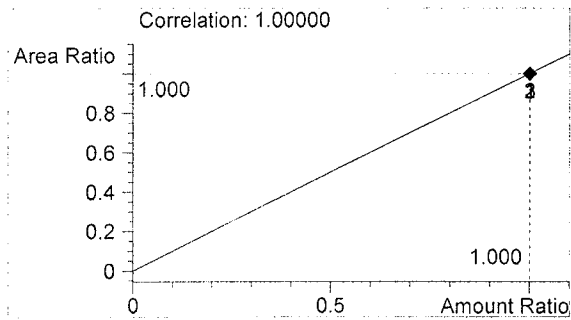


#	Compound	Area	RT
1	Ethanol	1055	1.090
2	n-Propanol	2087	1.914

Totals:



Ethanol 0.126 g/100ml

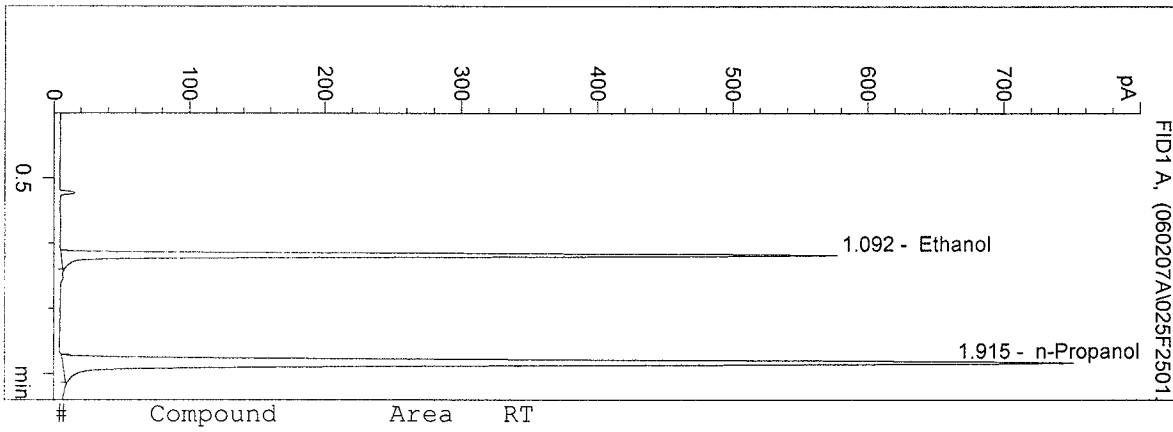


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

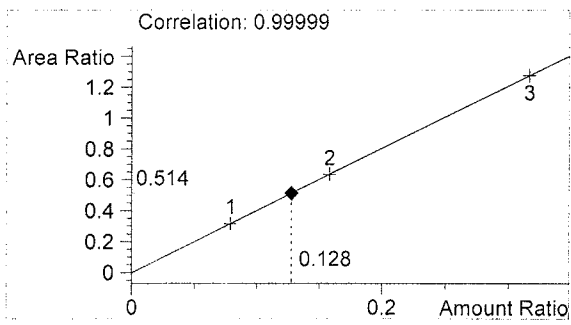
06006
 bcapron

vial # 25

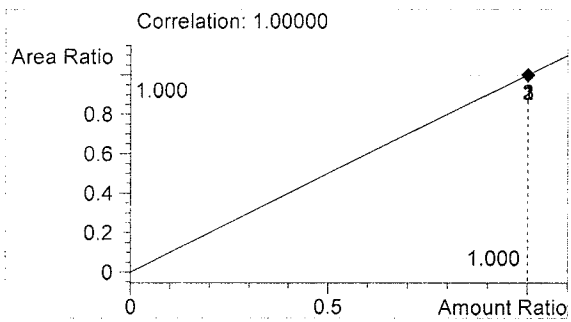


#	Compound	Area	RT
1	Ethanol	1118	1.092
2	n-Propanol	2175	1.915

Totals:



Ethanol 0.128 g/100ml

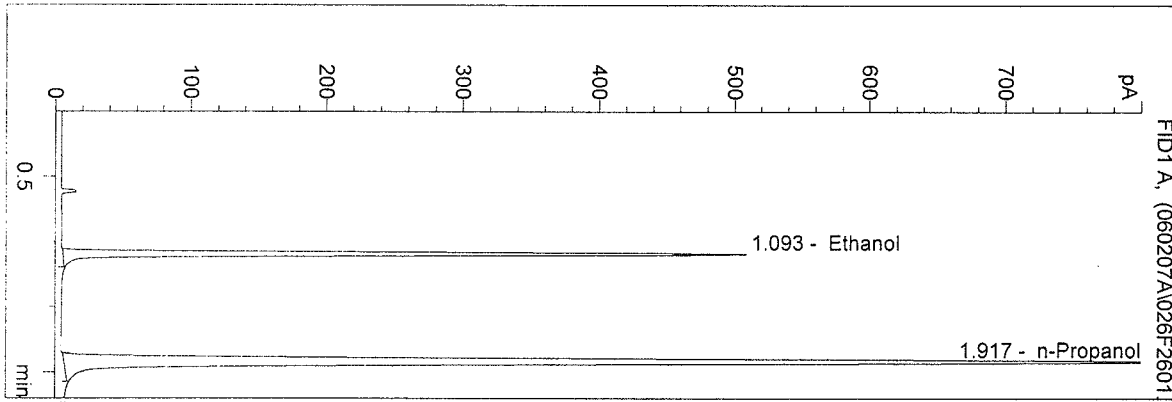


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

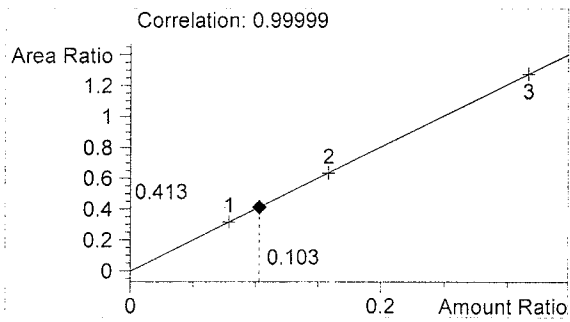
0.10 control bc
 bcapron

vial # 26

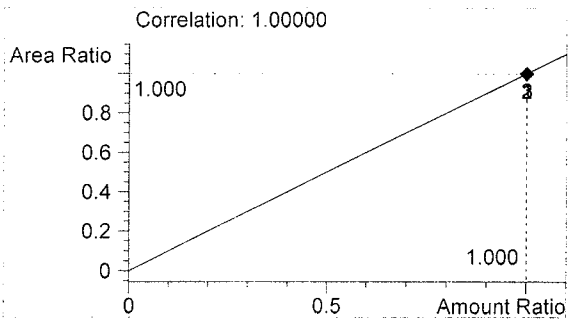


#	Compound	Area	RT
1	Ethanol	986	1.093
2	n-Propanol	2386	1.917

Totals:



Ethanol 0.103 g/100ml

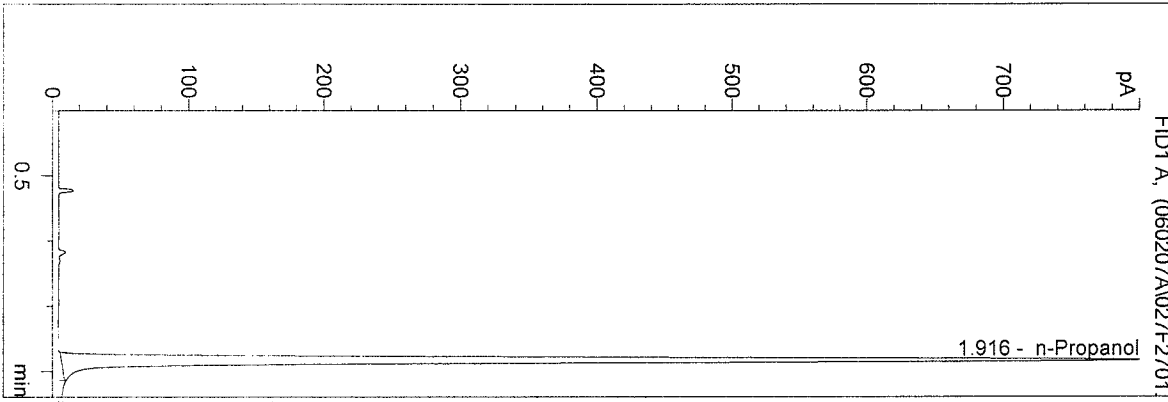


n-Propanol 1.000 g/100ml

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 Instrument 5
 DB-ALC2

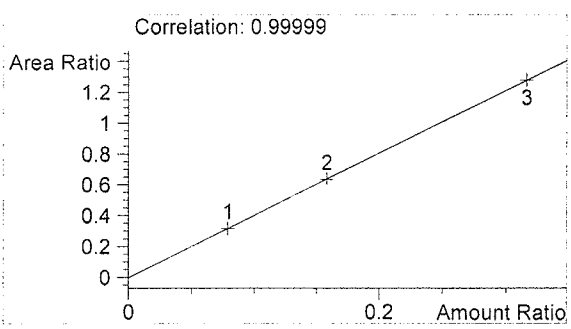
blank
 bcapron

vial # 27

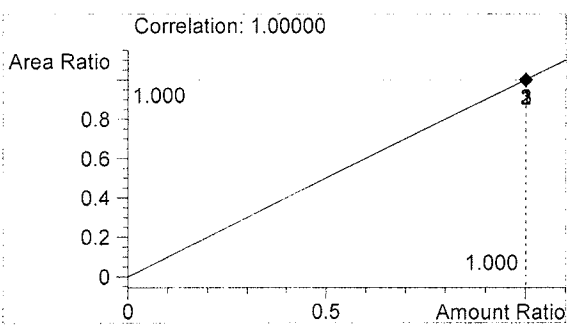


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2337	1.916

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml