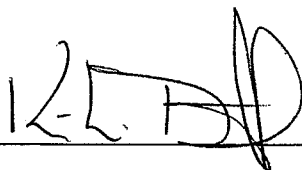


Notice of Simulator Solution File Review

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.

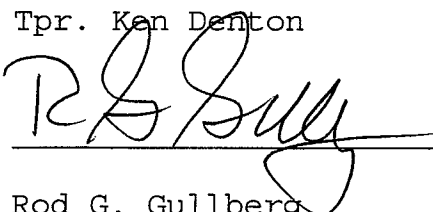
Where computation values changed for a specific batch number, the analysts employed by the State Toxicology Laboratory were asked to review the revisions, ensure the solution complied with the criteria established by the State Toxicologist and then re-sign their affidavit. Their signature will appear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

 _____ 10/5/2007

Tpr. Ken Denton

Date

 _____ 10-5-07

Rod G. Gullberg

Date

Washington State Toxicology Laboratory

Simulator Solution Data Entry Review Form

Reviewer KEN AMENTON / ROD GUARDER Date 10-5-07
Location TOX LAB SEATTLE Batch Number 07042

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:

Comments:

Reviewer Signature: R. J. Gully Date: 10-5-07
Reviewer Signature: K.L.T. # Date: 10/5/2007

Batch Worksheet Checkoff *QA07042*

Please check the data entered into the worksheet is correct and that the date to the right of your name is the date that you tested the solution and then sign the worksheet.

Please initial below to affirm that you have:

- 1 – Initialed and dated your chromatograms
- 2 – Checked your data
- 3 – Checked the date to the right of your name on the worksheet
- 4 – Signed the worksheet.

Initials	Date
Brianne Akins	
Brittany Ball	
Amanda Black	
Brian Capron	
Rebecca Flaherty	
Ed Formoso	
Christopher Johnston <i>CJ</i>	<i>10.2.2007</i>
Justin Knoy	
Asa Louis <i>20071001</i>	<i>AL</i>
Estuardo Miranda	
Christie Mitchell	
Lisa Noble	
Naziha Nuwayhid <i>NK</i>	<i>10/1/07</i>
Melissa Pemberton	
Brianna Peterson	
Sarah Swenson	

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

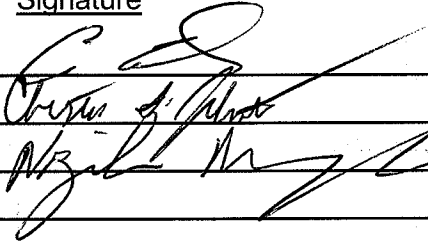
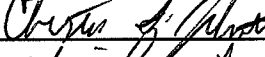
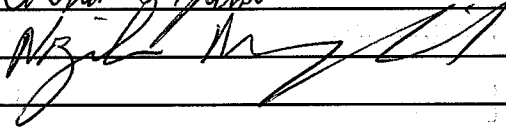
Preparation and certification of **0.08** g/210L Quality Assurance solution
 Batch number **07042** Date prepared: 09/25/2007
 Preparation: 22.2 mL of absolute ethyl alcohol diluted to 18 Liters with water
 Concentration of ethanol (g/100mL) measured by gas chromatography:

	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	0.095	0.095	0.096													
2	0.095	0.097	0.097													
3	0.096	0.096	0.096													
4	0.095	0.096	0.097													
5	0.096	0.096	0.097													
Ctrl	0.099	0.097	0.098													

Statistics:
 Avg. solution concent.: 0.0960 g/100 mL
 SD: 0.00076
 Precision CV (%): 0.7874 %

External Control:
 Lot #: A050528 Exp date: 07/2011
 Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.0780 g/210L

<u>Analyst</u>	<u>Name</u>	<u>Signature</u>	<u>Date</u>
<u>1</u>	Asa Louis		09/25/2007
<u>2</u>	Christopher S Johnston		09/25/2007
<u>3</u>	Naziha Nuwayhid, PhD		09/26/2007
<u>4</u>			
<u>5</u>			
<u>6</u>			
<u>7</u>			
<u>8</u>			
<u>9</u>			
<u>10</u>			
<u>11</u>			
<u>12</u>			
<u>13</u>			
<u>14</u>			
<u>15</u>			
<u>16</u>			

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07042


I, Asa J. Louis, 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: B.S. degree in Biochemistry and eight years of toxicology experience.

The quality assurance solution, Lot Number 07042, was prepared in the Washington State Toxicology Laboratory on 9/25/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/25/2008.

Seattle, WA

 2007 OCT 02
Asa J. Louis Date
Forensic Toxicologist

AJL/jr
AJLQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07042

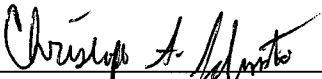
I, Christopher S. Johnston, do certify under penalty of perjury that:

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 07042, was prepared in the Washington State Toxicology Laboratory on 9/25/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/25/2008.

Seattle, WA

 10.2.07

Christopher S. Johnston Date
Forensic Toxicologist

CSJ/jr
CJQA



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

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DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION FOR LOT 07042

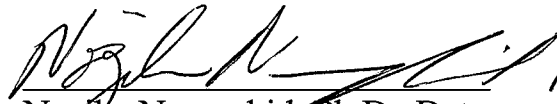
I, Naziha Nuwayhid, do certify under penalty of perjury that:

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: Bachelor and Masters degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and eight years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The quality assurance solution, Lot Number 07042, was prepared in the Washington State Toxicology Laboratory on 9/25/2007. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of quality assurance solution. It should not be used for evidential breath tests after 9/25/2008.

Seattle, WA

 10/2/07
Naziha Nuwayhid, Ph.D. Date
Forensic Toxicologist

NN/jr
NNQA



Sequence Parameters:

Operator: alouis
 Data File Naming: Auto
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 070925
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none
 Sequence Comment:

0.10 con - A050528
 EXP 07/25/07

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	BLDALCO	1	Ctrl Samp		
2	Vial 2	0.079 std	BLDALCO	1	Calib		
3	Vial 3	0.158 std	BLDALCO	1	Calib		
4	Vial 4	0.316 std	BLDALCO	1	Calib		
5	Vial 5	blank	BLDALCO	1	Ctrl Samp		
6	Vial 6	0.02 std	BLDALCO	1	Sample		
7	Vial 7	0.10 con al	BLDALCO	1	Ctrl Samp		
8	Vial 8	blank	BLDALCO	1	Sample		
9	Vial 9	07041a	BLDALCO	1	Sample		
10	Vial 10	07041b	BLDALCO	1	Sample		
11	Vial 11	07041c	BLDALCO	1	Sample		
12	Vial 12	07041d	BLDALCO	1	Sample		
13	Vial 13	07041e	BLDALCO	1	Sample		
14	Vial 14	0.10 con al	BLDALCO	1	Ctrl Samp		
15	Vial 15	blank	BLDALCO	1	Ctrl Samp		
16	Vial 16	07042a	BLDALCO	1	Sample		
17	Vial 17	07042b	BLDALCO	1	Sample		
18	Vial 18	07042c	BLDALCO	1	Sample		
19	Vial 19	07042d	BLDALCO	1	Sample		
20	Vial 20	07042e	BLDALCO	1	Sample		
21	Vial 21	0.10 con al	BLDALCO	1	Ctrl Samp		
22	Vial 22	blank	BLDALCO	1	Ctrl Samp		
23	Vial 23	07043a	BLDALCO	1	Sample		
24	Vial 24	07043b	BLDALCO	1	Sample		
25	Vial 25	07043c	BLDALCO	1	Sample		
26	Vial 26	07043d	BLDALCO	1	Sample		
27	Vial 27	07043e	BLDALCO	1	Sample		
28	Vial 28	0.10 con al	BLDALCO	1	Ctrl Samp		
29	Vial 29	blank	BLDALCO	1	Ctrl Samp		
30	Vial 30	07044a	BLDALCO	1	Sample		
31	Vial 31	07044b	BLDALCO	1	Sample		
32	Vial 32	07044c	BLDALCO	1	Sample		
33	Vial 33	07044d	BLDALCO	1	Sample		
34	Vial 34	07044e	BLDALCO	1	Sample		

Calibration in
 controls 07041

AL
 20070925

Sequence Table (Back Injector):

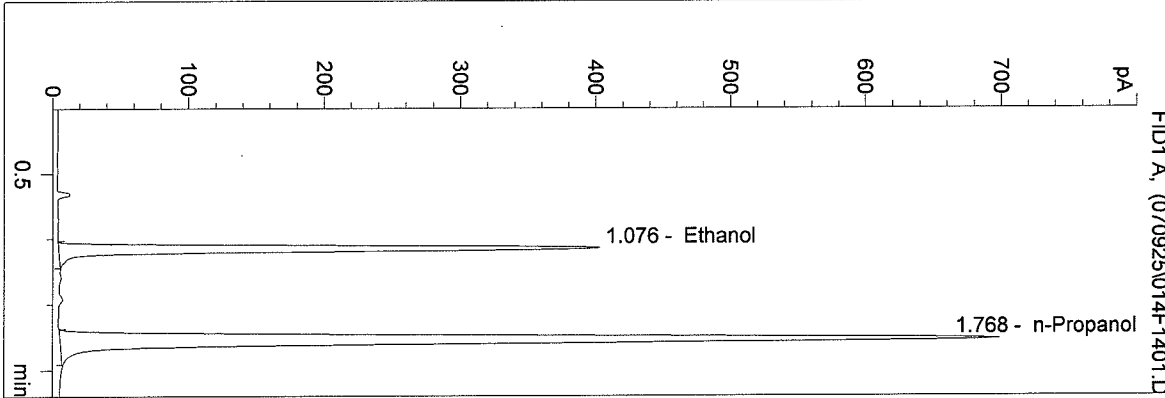
No entries - empty table!

AL
2007 09 25

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 12:30:07 PM
 Instrument 1
 DB ALC 1

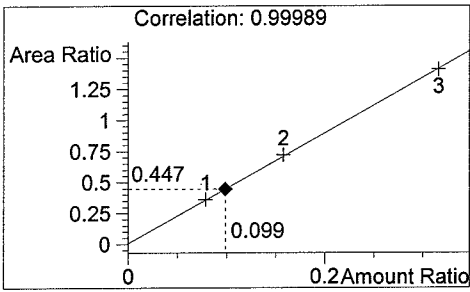
0.10 con al
 alouis

vial # 14



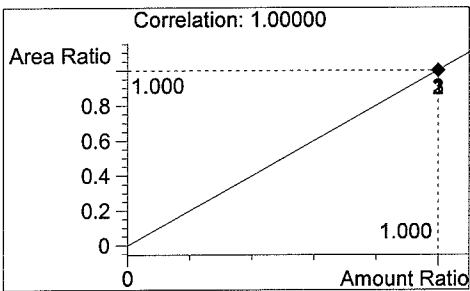
#	Compound	Area	RT
1	Ethanol	1227	1.076
2	n-Propanol	2746	1.768

Tot



Ethanol

0.099 g/100ml



n-Propanol

1.000 g/100ml

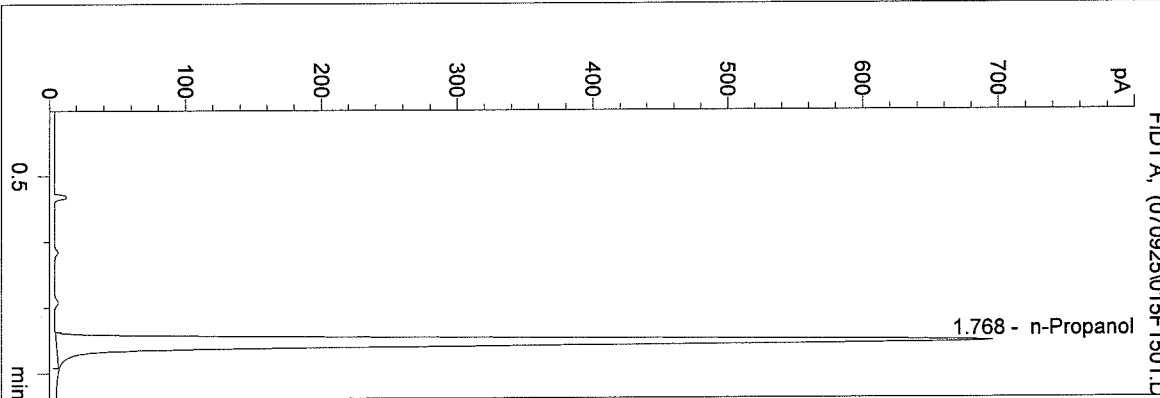
Handwritten signature and date:
 20070925

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 12:33:12 PM
 Instrument 1
 DB ALC 1

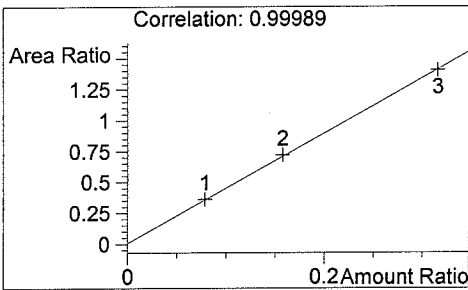
blank
 alouis

vial # 15



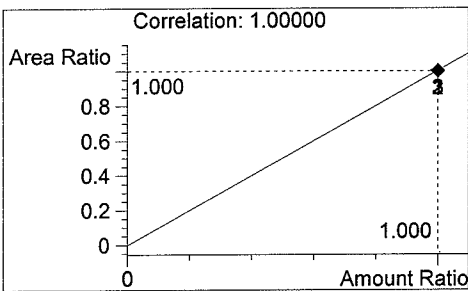
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2739	1.768

Tot



Ethanol

0.000 g/100ml



n-Propanol

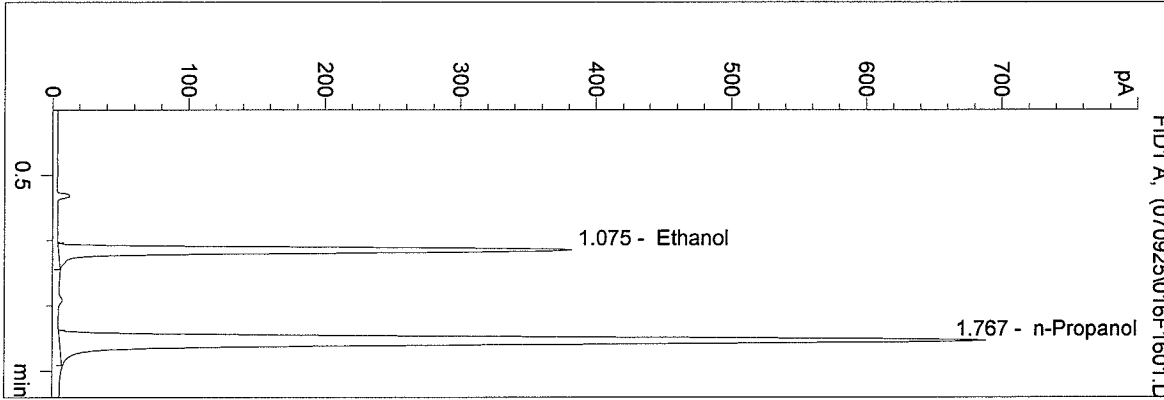
1.000 g/100ml

Handwritten:
 2007 2925

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 12:36:17 PM
 Instrument 1
 DB ALC 1

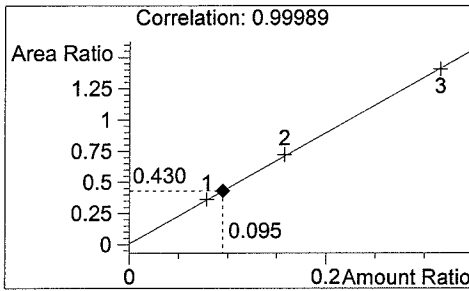
07042a
 alouis

vial # 16



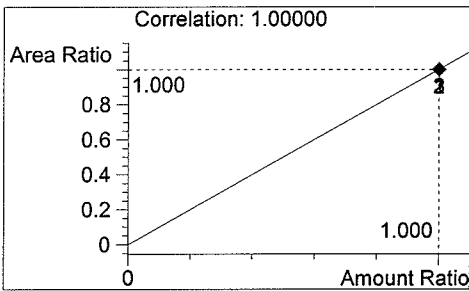
#	Compound	Area	RT
1	Ethanol	1165	1.075
2	n-Propanol	2708	1.767

Tot



Ethanol

0.095 g/100ml



n-Propanol

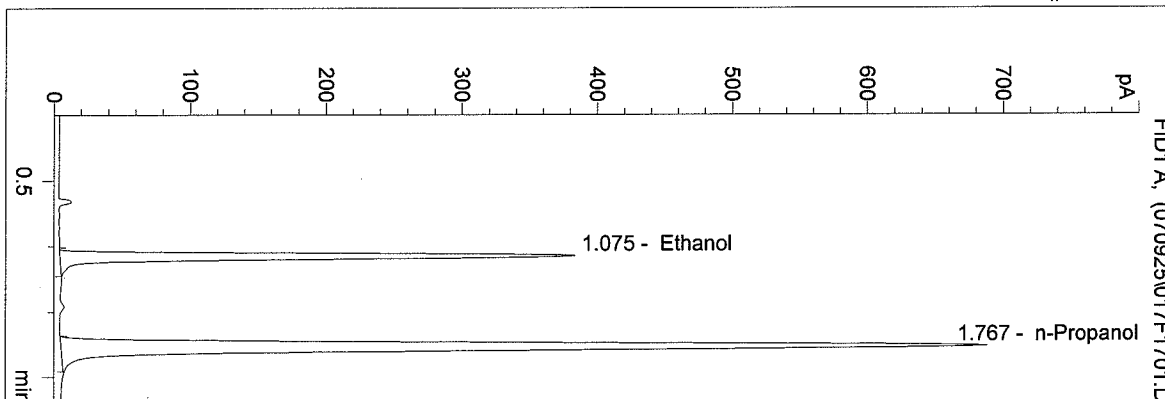
1.000 g/100ml

Al
 20070925

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 12:39:22 PM
 Instrument 1
 DB ALC 1

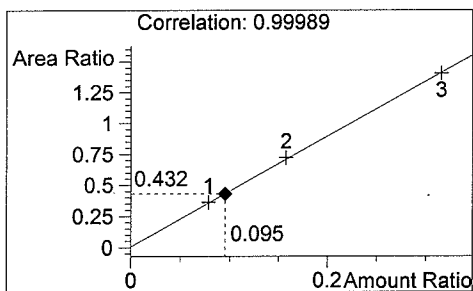
07042b
 alouis

vial # 17



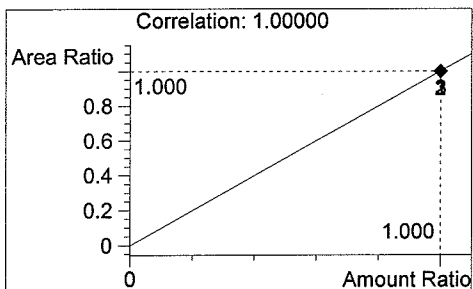
#	Compound	Area	RT
1	Ethanol	1169	1.075
2	n-Propanol	2706	1.767

Tot



Ethanol

0.095 g/100ml



n-Propanol

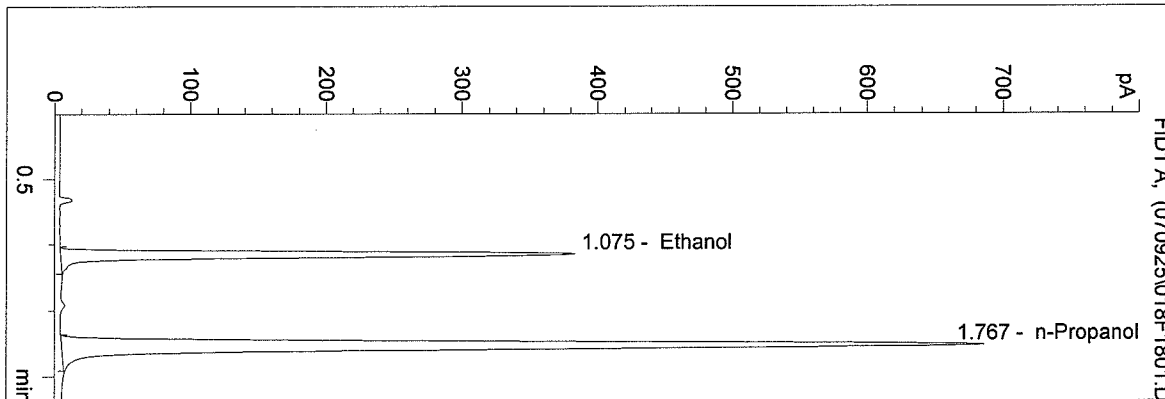
1.000 g/100ml

AL
 20070925

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 12:42:26 PM
 Instrument 1
 DB ALC 1

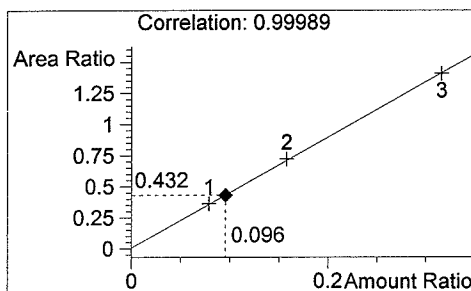
07042c
 alouis

vial # 18



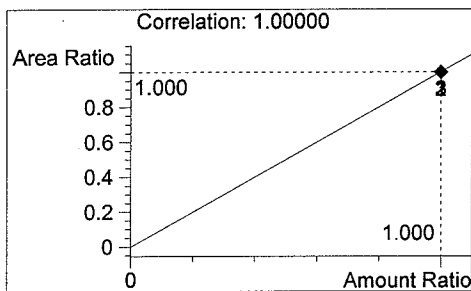
#	Compound	Area	RT
1	Ethanol	1170	1.075
2	n-Propanol	2705	1.767

Tot



Ethanol

0.096 g/100ml



n-Propanol

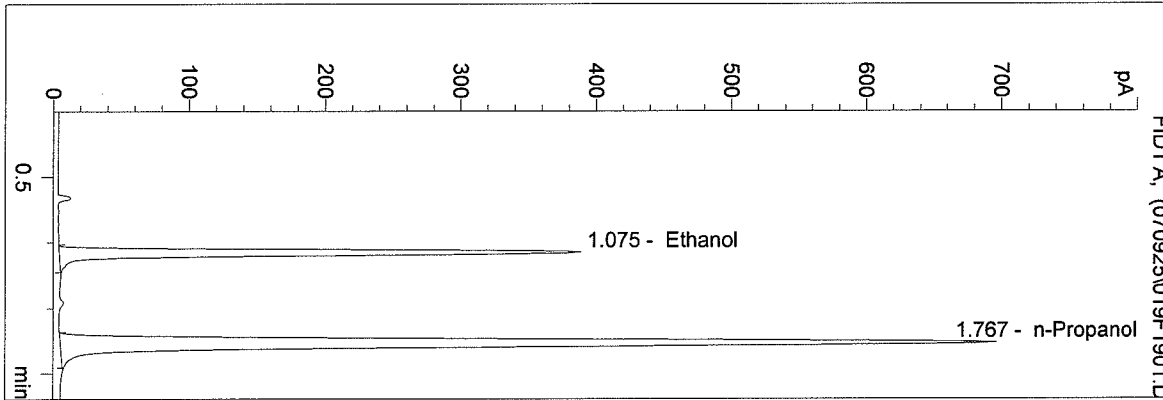
1.000 g/100ml

Al
 20070925

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 12:45:31 PM
 Instrument 1
 DB ALC 1

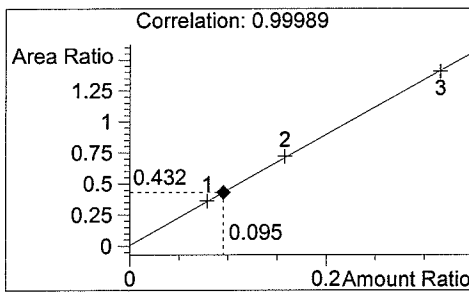
07042d
 alouis

vial # 19



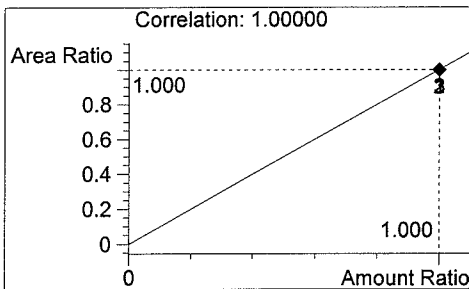
#	Compound	Area	RT
1	Ethanol	1186	1.075
2	n-Propanol	2745	1.767

Tot



Ethanol

0.095 g/100ml



n-Propanol

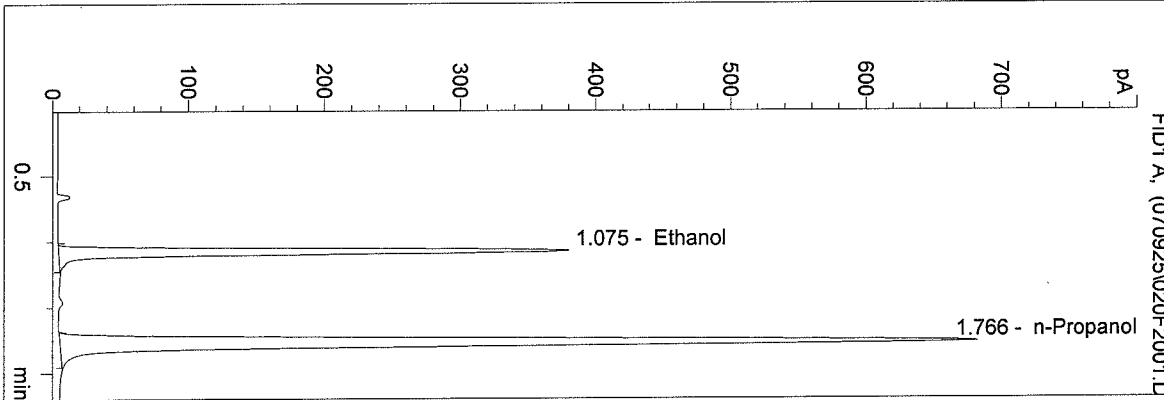
1.000 g/100ml

AR
 20070925

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/25/2007 12:48:36 PM
 Instrument 1
 DB ALC 1

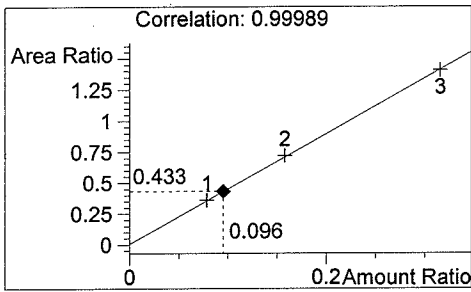
07042e
 alouis

vial # 20



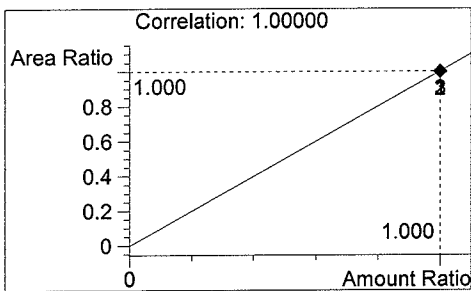
#	Compound	Area	RT
1	Ethanol	1161	1.075
2	n-Propanol	2679	1.766

Tot



Ethanol

0.096 g/100ml



n-Propanol

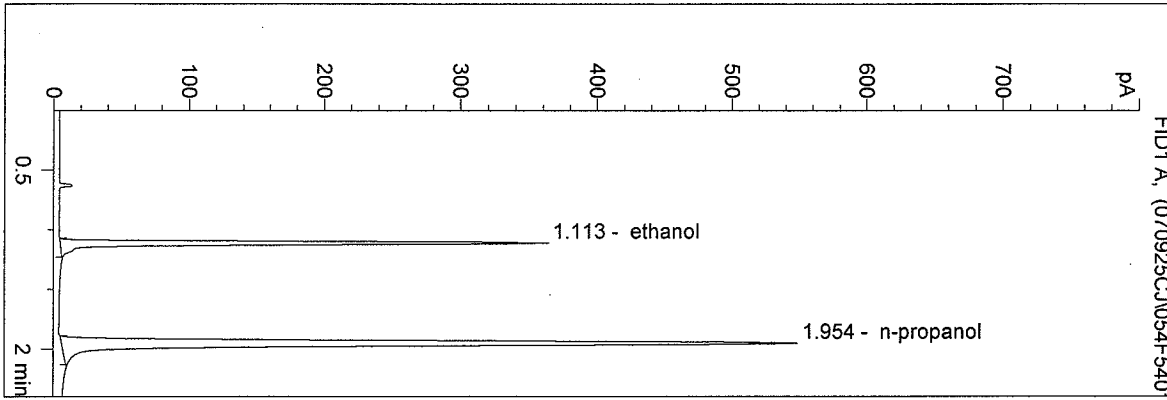
1.000 g/100ml

Handwritten: 20070925

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 7:57:52 PM
 Instrument 5
 DB-ALC2

07042 QA 0.08 CJ
 Chris Johnston

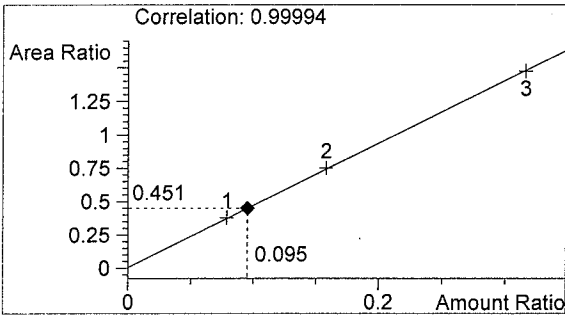
vial # 54



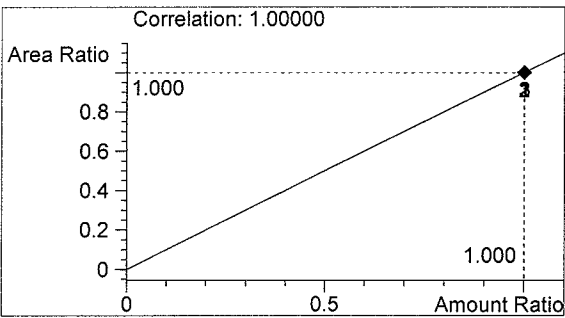
#	Compound	Area	RT
1	ethanol	733	1.113
2	n-propanol	1626	1.954

Totals:

CJ 9.27.07



ethanol 0.095 g/100ml



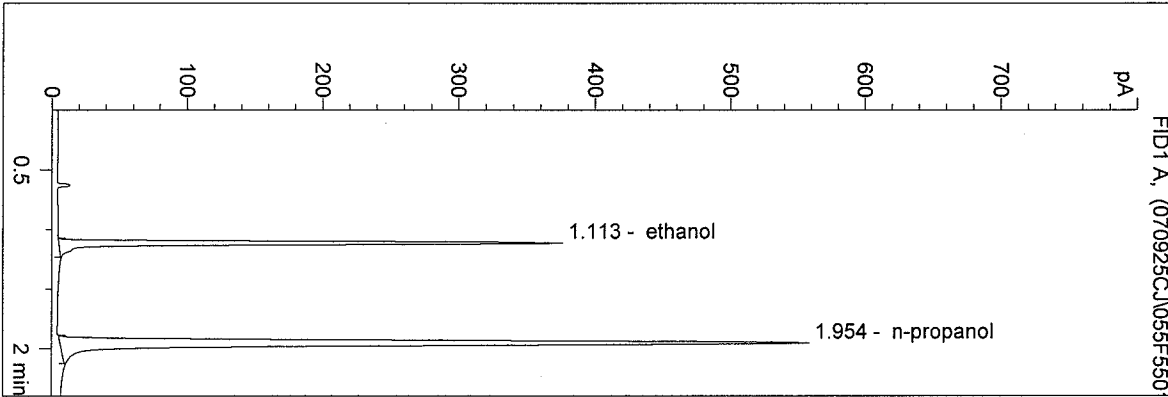
n-propanol 1.000 g/100ml

Calibration - in Case 0707487

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:01:32 PM
 Instrument 5
 DB-ALC2

07042 QA 0.08 CJ
 Chris Johnston

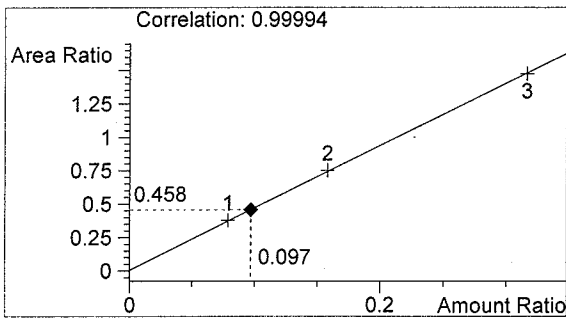
vial # 55



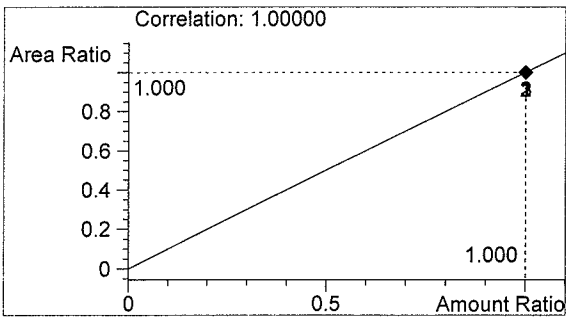
#	Compound	Area	RT
1	ethanol	760	1.113
2	n-propanol	1658	1.954

Totals:

CJ 9.27.07



ethanol 0.097 g/100ml

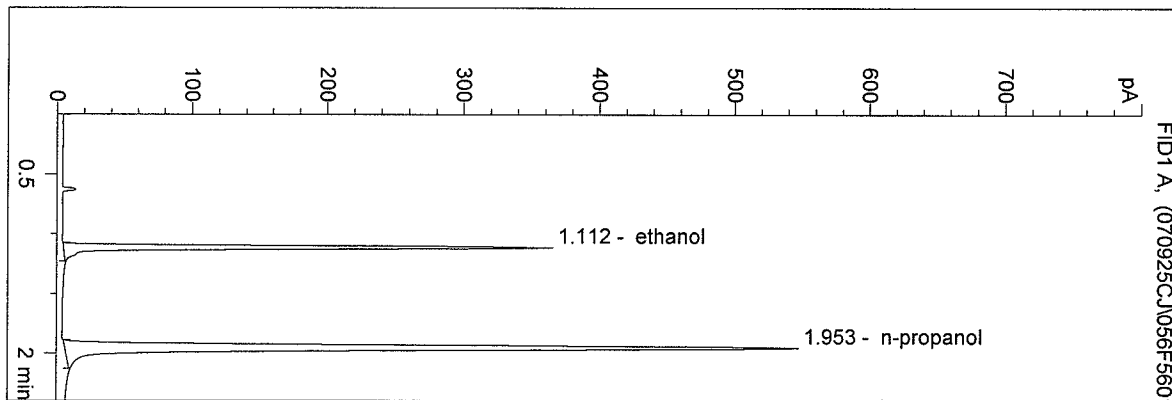


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:06:10 PM
 Instrument 5
 DB-ALC2

07042 QA 0.08 CJ
 Chris Johnston

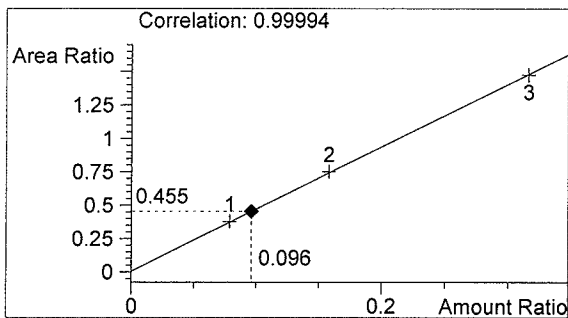
vial # 56



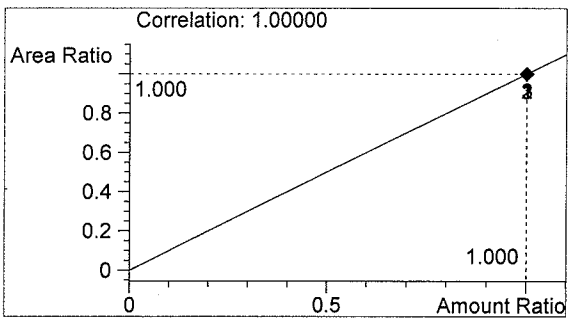
#	Compound	Area	RT
1	ethanol	738	1.112
2	n-propanol	1623	1.953

Totals:

CJ 9.27.07



ethanol 0.096 g/100ml

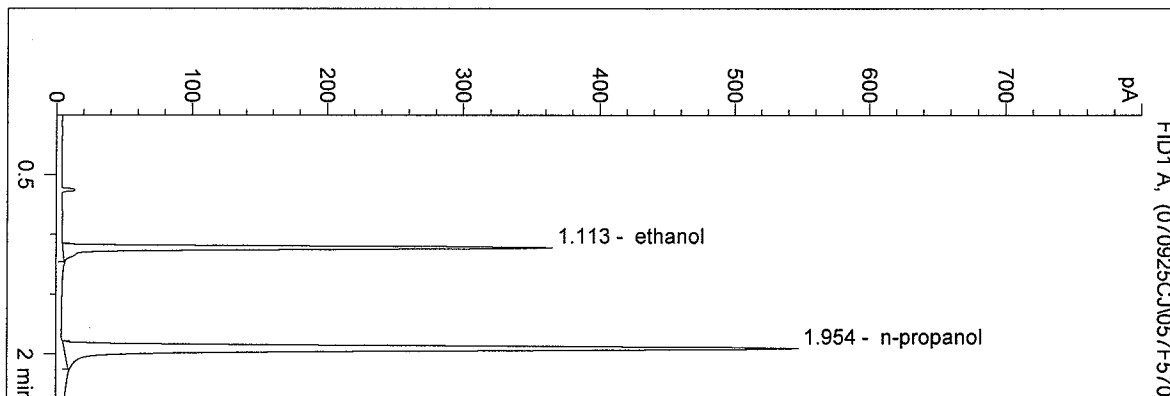


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:09:52 PM
 Instrument 5
 DB-ALC2

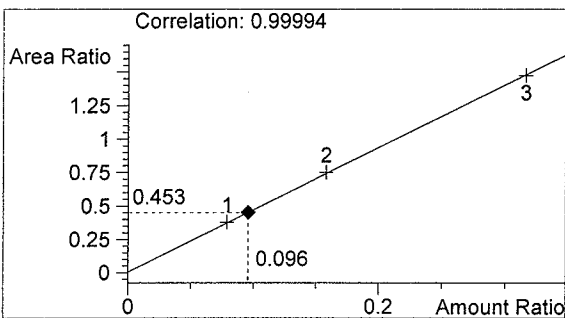
07042 QA 0.08 CJ
 Chris Johnston

vial # 57

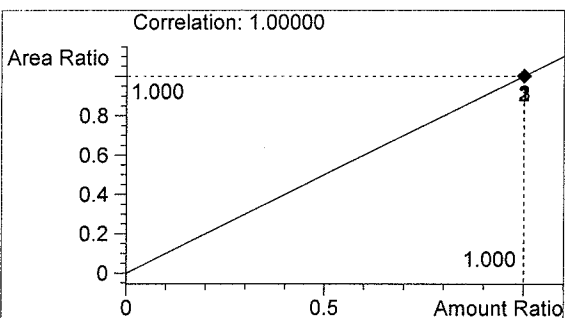


#	Compound	Area	RT
1	ethanol	737	1.113
2	n-propanol	1627	1.954

Totals:



ethanol 0.096 g/100ml



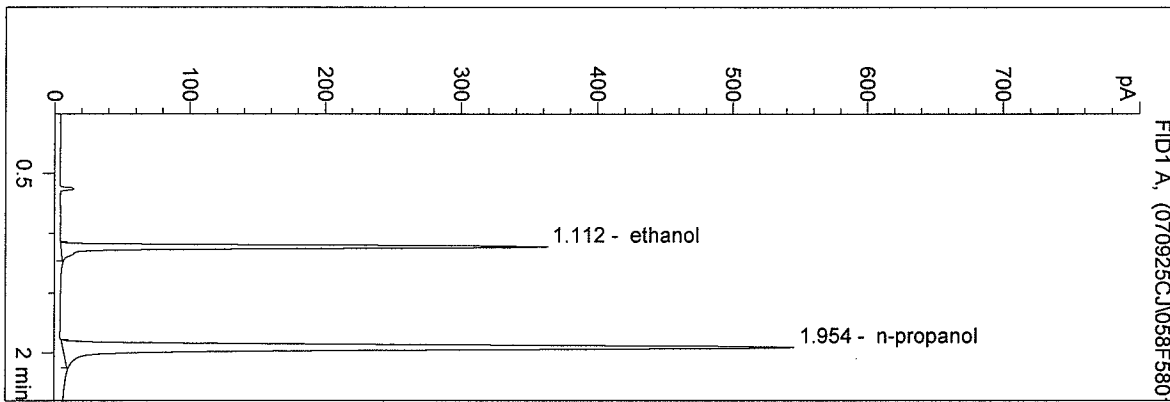
n-propanol 1.000 g/100ml

Handwritten: 9.27.07

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:13:31 PM
 Instrument 5
 DB-ALC2

07042 QA 0.08 CJ
 Chris Johnston

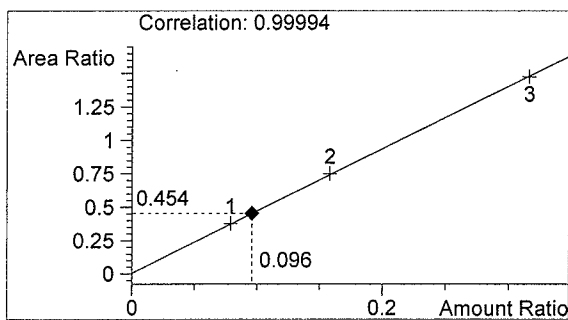
vial # 58



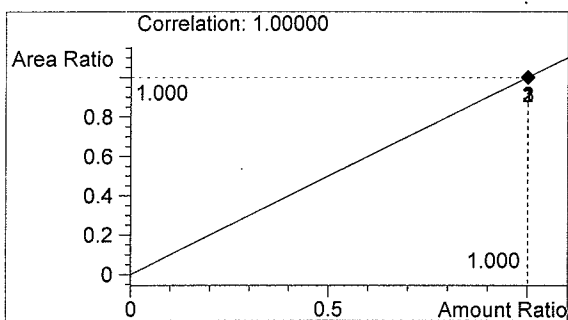
#	Compound	Area	RT
1	ethanol	733	1.112
2	n-propanol	1617	1.954

Totals:

CJ-927-07



ethanol 0.096 g/100ml

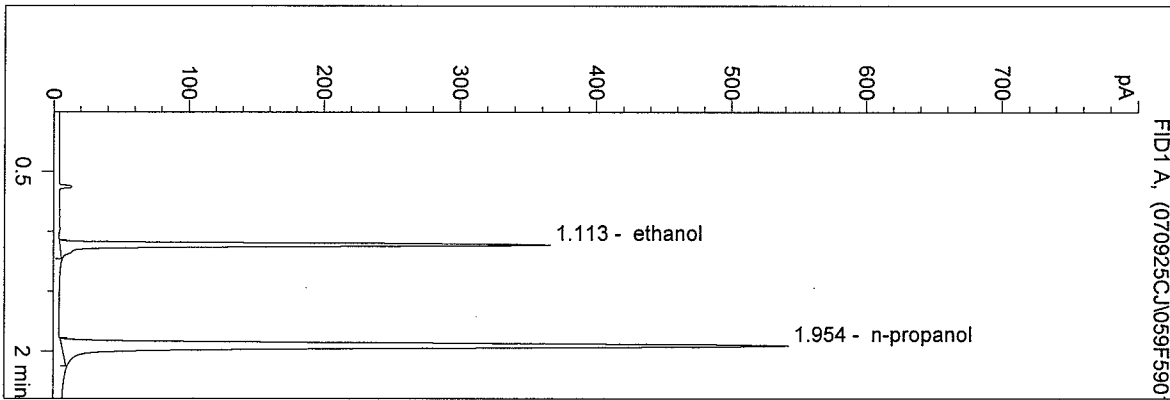


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:18:17 PM
 Instrument 5
 DB-ALC2

0.10 control CJ
 Chris Johnston

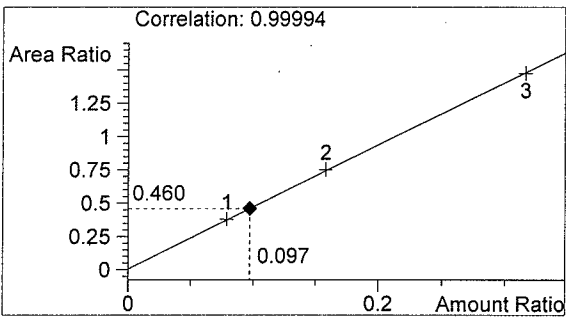
vial # 59



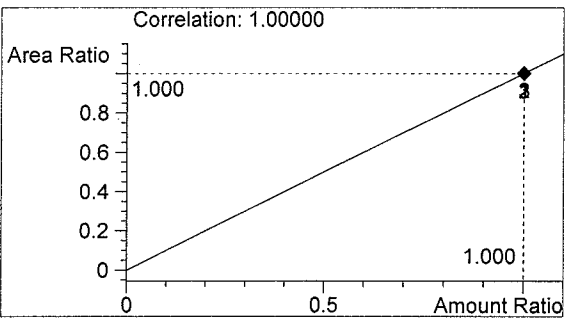
#	Compound	Area	RT
1	ethanol	740	1.113
2	n-propanol	1609	1.954

Totals:

W 9-27-07



ethanol 0.097 g/100ml

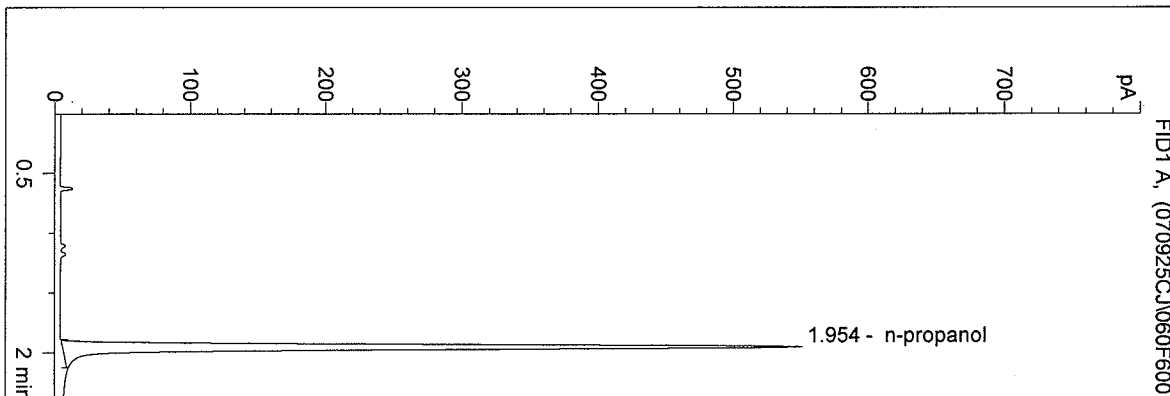


n-propanol 1.000 g/100ml

D:\HPCHEM\1\METHODS\BLDALCO2.M
 9/25/2007 8:21:50 PM
 Instrument 5
 DB-ALC2

blank
 Chris Johnston

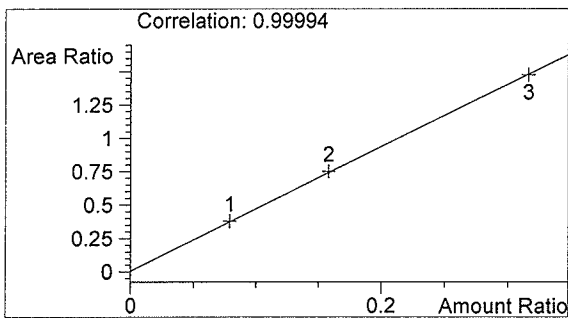
vial # 60



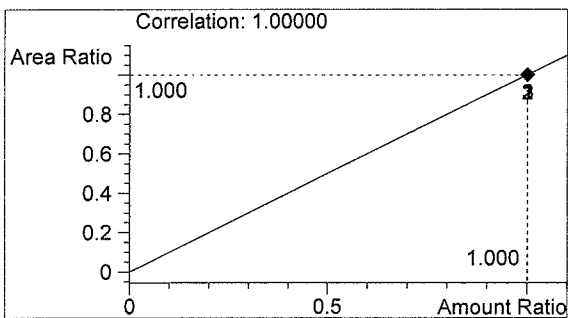
#	Compound	Area	RT
1	ethanol	0	0.000
2	n-propanol	1634	1.954

Totals:

CJ 9-27-07



ethanol 0.000 g/100ml



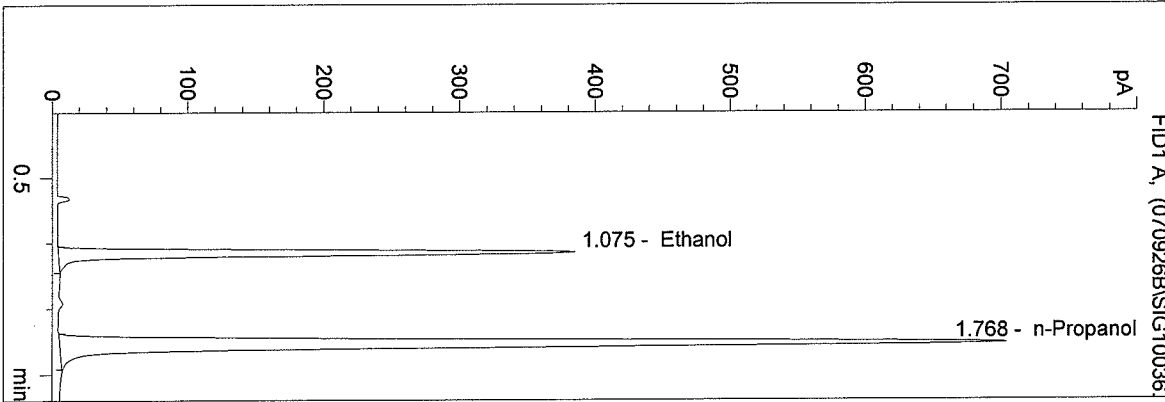
n-propanol 1.000 g/100ml

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 9/26/2007 4:25:24 PM
 Instrument 1
 DB ALC 1

07042 QA-1
 N Nuwayhid, PhD

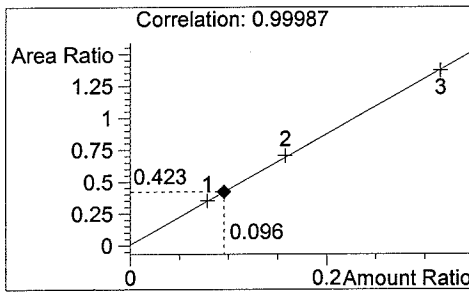
*calibrators in
 ST 0707519*

vial # 36



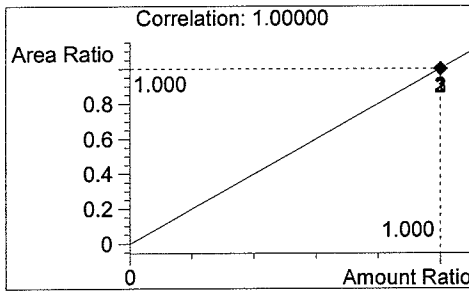
#	Compound	Area	RT
1	Ethanol	1169	1.075
2	n-Propanol	2767	1.768

Tot



Ethanol

0.096 g/100ml



n-Propanol

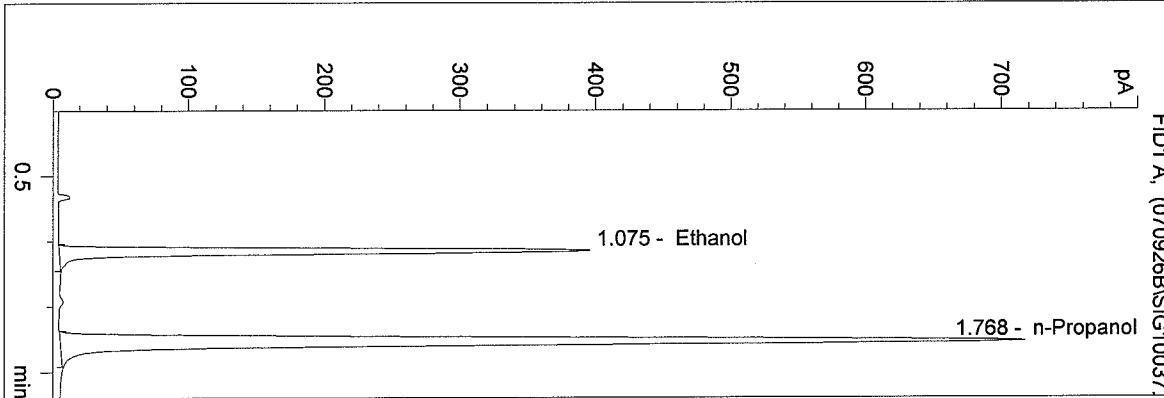
1.000 g/100ml

*NN
 10/1/07*

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 9/26/2007 4:28:29 PM
 Instrument 1
 DB ALC 1

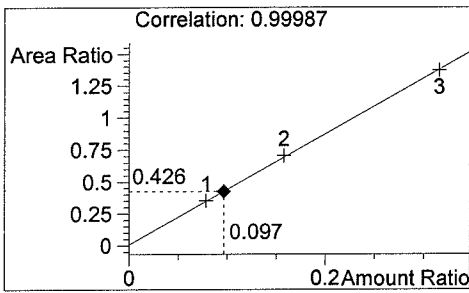
07042 QA-2
 N Nuwayhid, PhD

vial # 37



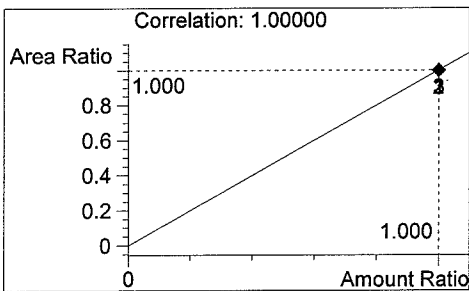
#	Compound	Area	RT
1	Ethanol	1201	1.075
2	n-Propanol	2817	1.768

Tot



Ethanol

0.097 g/100ml



n-Propanol

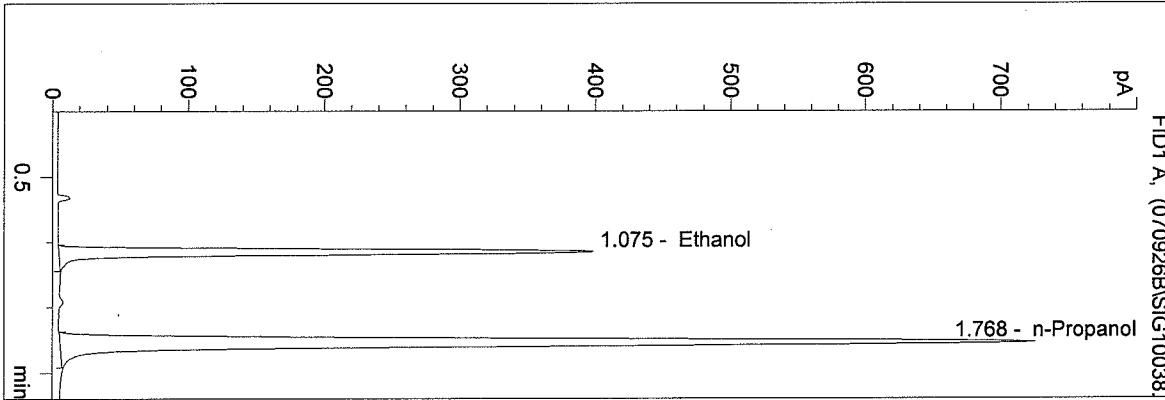
1.000 g/100ml

NN
 10/1/07

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/26/2007 4:31:33 PM
 Instrument 1
 DB ALC 1

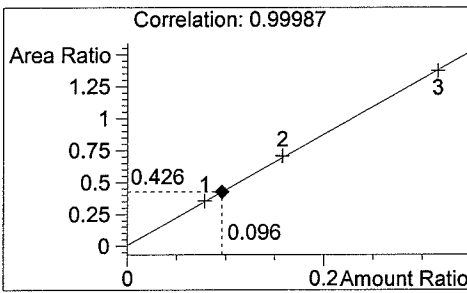
07042 QA-3
 N Nuwayhid, PhD

vial # 38



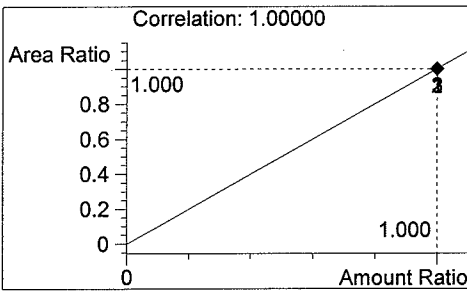
#	Compound	Area	RT
1	Ethanol	1212	1.075
2	n-Propanol	2846	1.768

Tot



Ethanol

0.096 g/100ml



n-Propanol

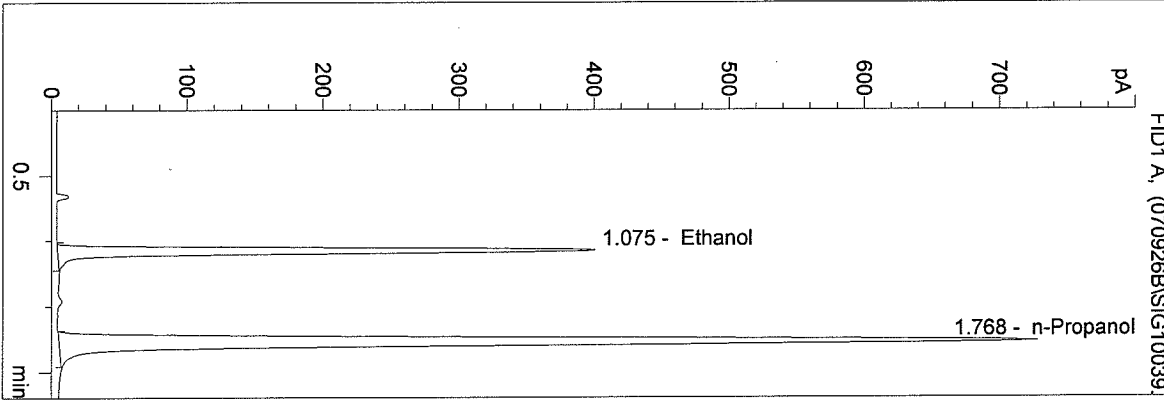
1.000 g/100ml

ND
 10/1/07

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/26/2007 4:34:38 PM
 Instrument 1
 DB ALC 1

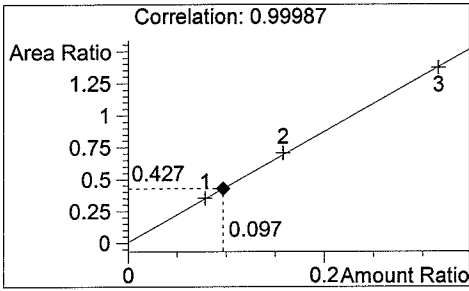
07042 QA-4
 N Nuwayhid, PhD

vial # 39



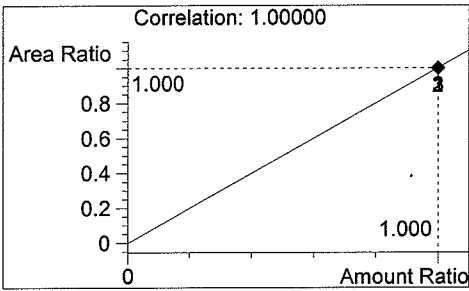
#	Compound	Area	RT
1	Ethanol	1222	1.075
2	n-Propanol	2860	1.768

Tot



Ethanol

0.097 g/100ml



n-Propanol

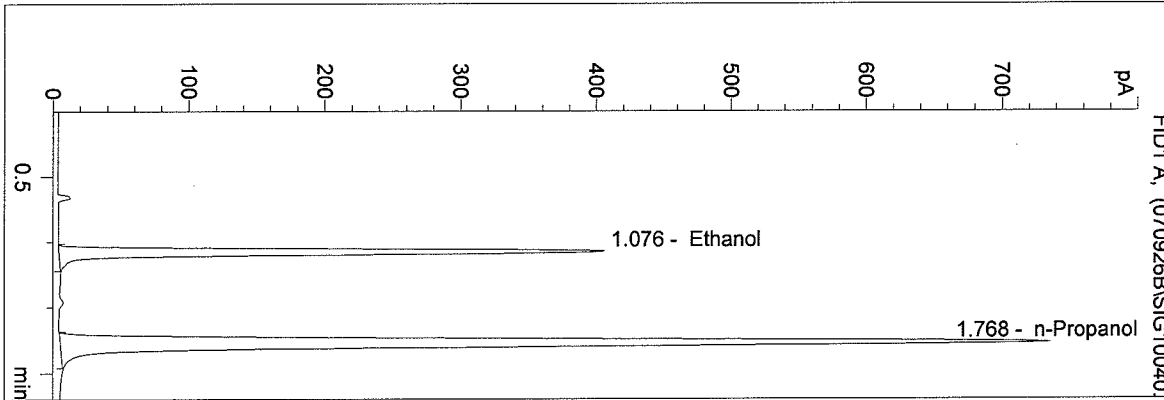
1.000 g/100ml

NN
 10/1/07

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 9/26/2007 4:37:43 PM
 Instrument 1
 DB ALC 1

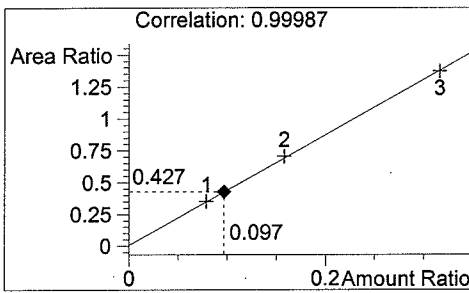
07042 QA-5
 N Nuwayhid, PhD

vial # 40



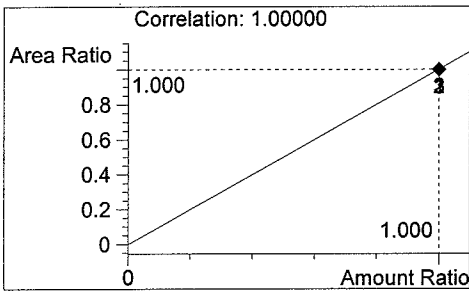
#	Compound	Area	RT
1	Ethanol	1232	1.076
2	n-Propanol	2884	1.768

Tot



Ethanol

0.097 g/100ml



n-Propanol

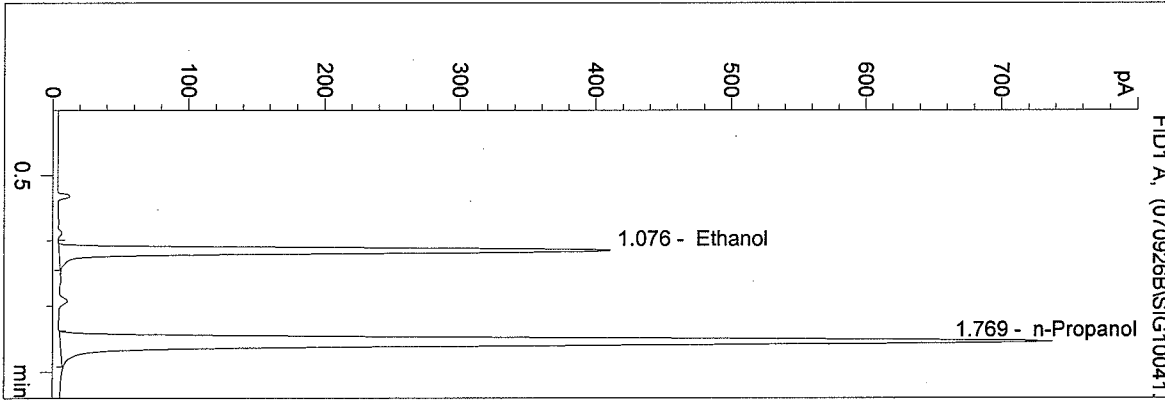
1.000 g/100ml

Handwritten: NN
 10/1/07

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 9/26/2007 4:40:48 PM
 Instrument 1
 DB ALC 1

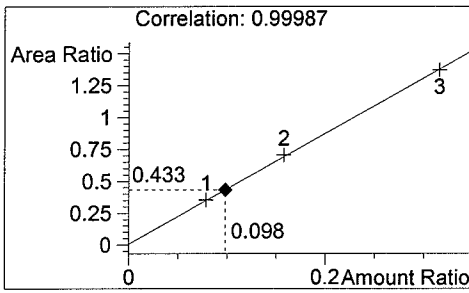
0.10 Ctrl-NN
 N Nuwayhid, PhD

vial # 41



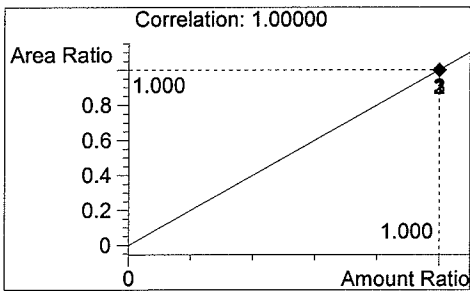
#	Compound	Area	RT
1	Ethanol	1253	1.076
2	n-Propanol	2891	1.769

Tot



Ethanol

0.098 g/100ml



n-Propanol

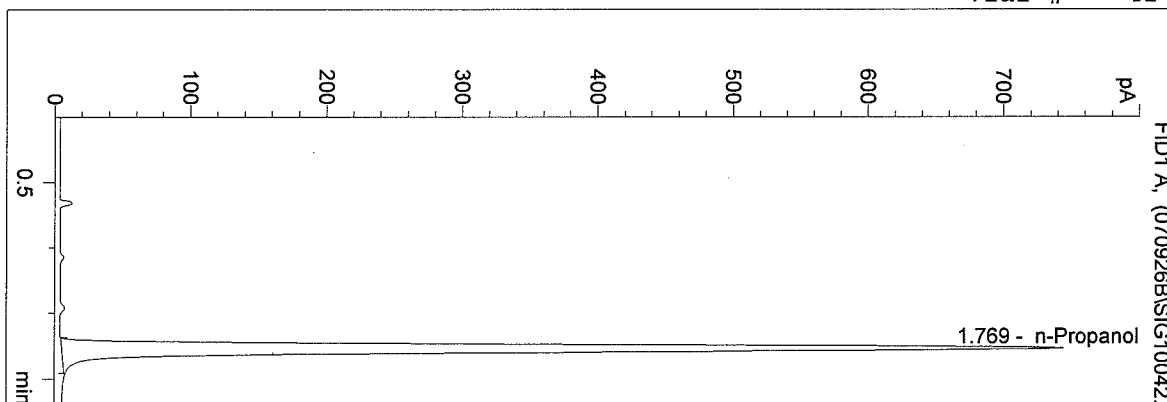
1.000 g/100ml

NP
 10/1/07

C:\HPCHEM\1\METHODS\BLDALCO.M
 9/26/2007 4:43:52 PM
 Instrument 1
 DB ALC 1

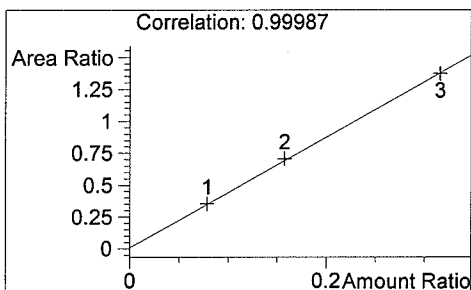
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 N Nuwayhid, PhD

vial # 42



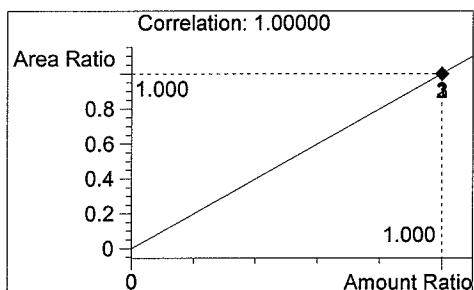
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2920	1.769

Tot



Ethanol

0.000 g/100ml



n-Propanol

1.000 g/100ml

NN
 10/1/07