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 **0.04** g/210L **Quality Assurance solution**

Batch number **03020** Date: 6/26/2003

Preparation: 11.1 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	Anal10	Anal 11	Anal 12
1	0.049	0.050	0.048									
2	0.049	0.050	0.048									
3	0.050	0.050	0.049									
4	0.050	0.050	0.048									
5	0.049	0.050	0.048									
Ctrl	0.099	0.100	0.099									

External Control:

Lot #: a022167 Exp date: 01/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.0492 g/100 mL

SD: 0.00086

Range (3xSD): 0.0466 to 0.0518

Precision CV (%): 1.7518 %

Equivalent vapor concent.: 0.0400 g/210L

Analyst	Name	Signature	Date
1	Melissa Pemberton		06/26/03
2	Edward Formoso		06/30/03
3	Mary E Wilson		07/01/03
4			
5			
6			
7			
8			
9			
10			
11			
12			

Prepared by: Melissa Pemberton 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

BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Melissa L. Pemberton, 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 BAC Verifier Data Master breath testing instrument.

I possess the following qualifications: Bachelors degree in Microbiology and ten years of experience as a forensic toxicologist.

The quality assurance solution, Lot Number 03020 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0492 grams per 100ml.

Dated: 7/7/03
Seattle, WA

Melissa L. Pemberton
Forensic Toxicologist

MP/bf
MPQA

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

BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Edward J. Formoso, do certify under penalty of perjury as follows:

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

I possess the following qualifications: B.S. degree in Chemistry and twenty-eight years experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 03020, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0492 grams per 100ml.

Dated: 7/7/03
Seattle, WA

Edward J. Formoso
Forensic Toxicologist

EJF/bf
EFQA

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

BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION

I, Mary E. Wilson, do certify under penalty of perjury as follows:

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

I possess the following qualifications: BS degree in Biology and a minor in Chemistry with two years of experience in Toxicology.

The quality assurance solution, Lot Number 03020, was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0492 grams per 100ml.

Dated: 7/7/03
Seattle, WA

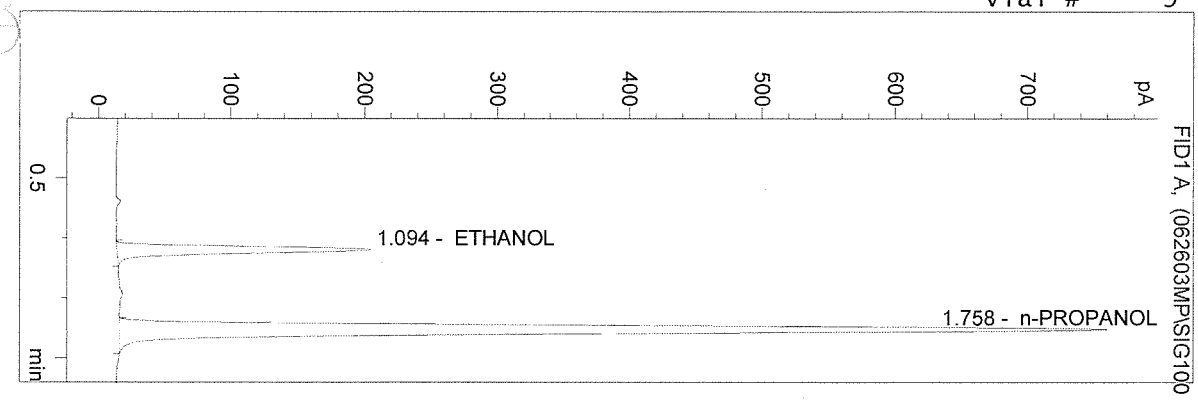
Mary E. Wilson
Forensic Toxicologist

MEW/bf
MEWQA

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:39:02 AM
Instrument 3
[illegible]ALC1

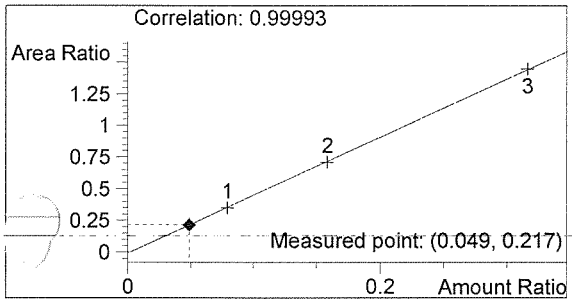
03020 0.04 QA
M PEMBERTON

vial # 9

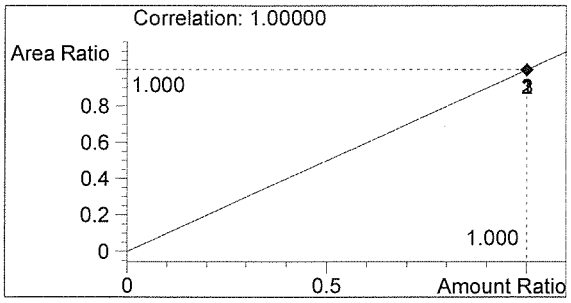


#	Compound	Area	RT
1	ETHANOL	729	1.094
2	n-PROPANOL	3354	1.758

Totals:



ETHANOL 0.049 g/100mL

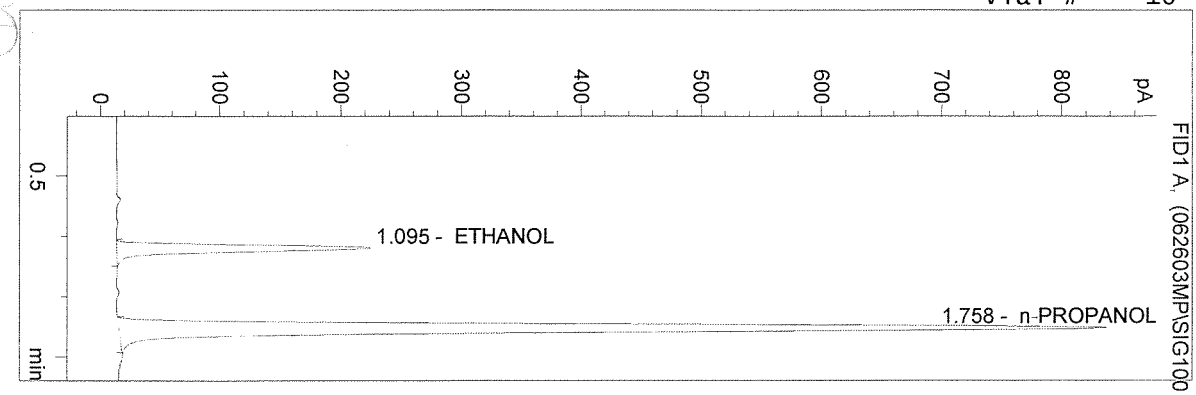


n-PROPANOL 1.000 g/100mL

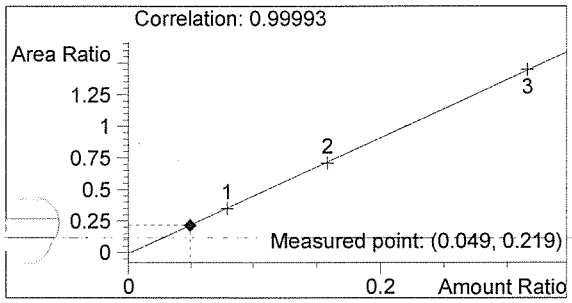
C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:41:56 AM
Instrument 3
ALC1

03020 0.04 QA
M PEMBERTON

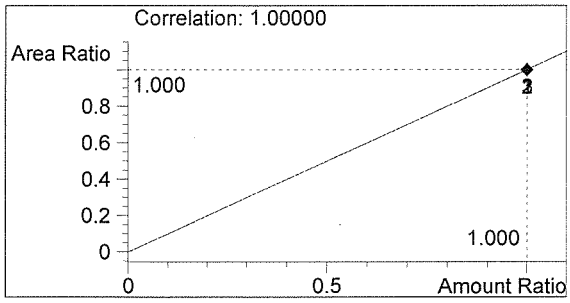
vial # 10



#	Compound	Area	RT
1	ETHANOL	811	1.095
2	n-PROPANOL	3699	1.758
Totals:			



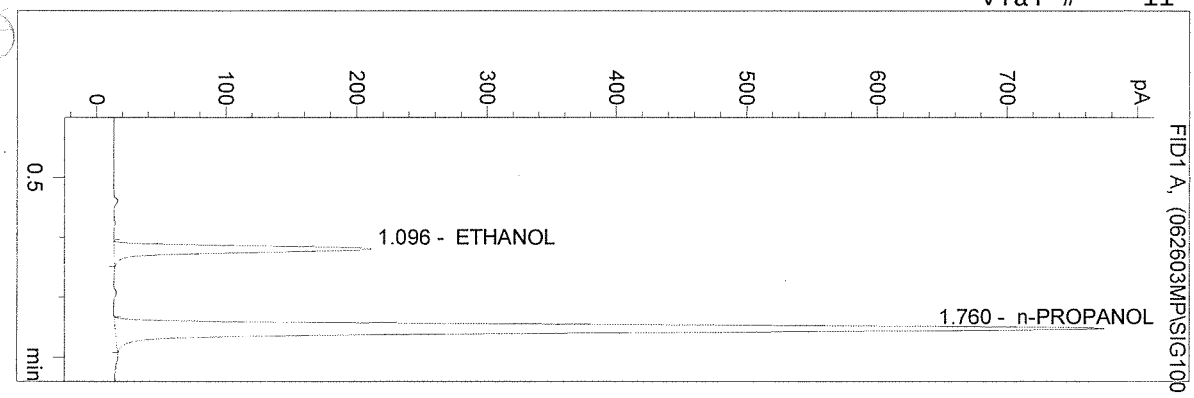
ETHANOL 0.049 g/100mL



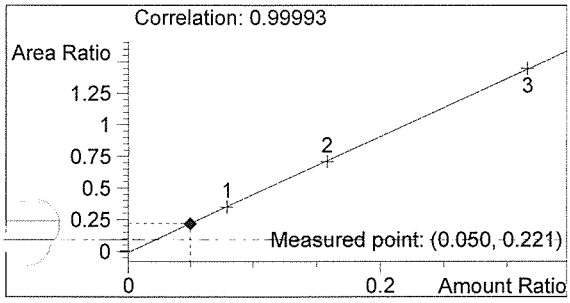
n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:44:40 AM
Instrument 3
BLDALC1

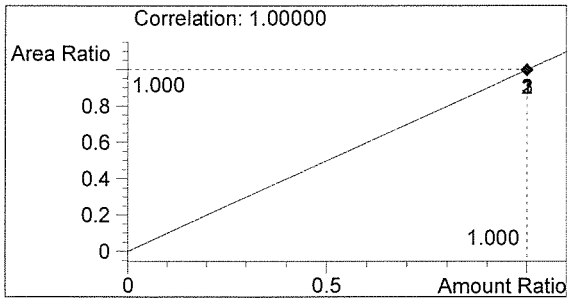
03020 0.04QA
M PEMBERTON
vial # 11



#	Compound	Area	RT
1	ETHANOL	755	1.096
2	n-PROPANOL	3410	1.760
Totals:			



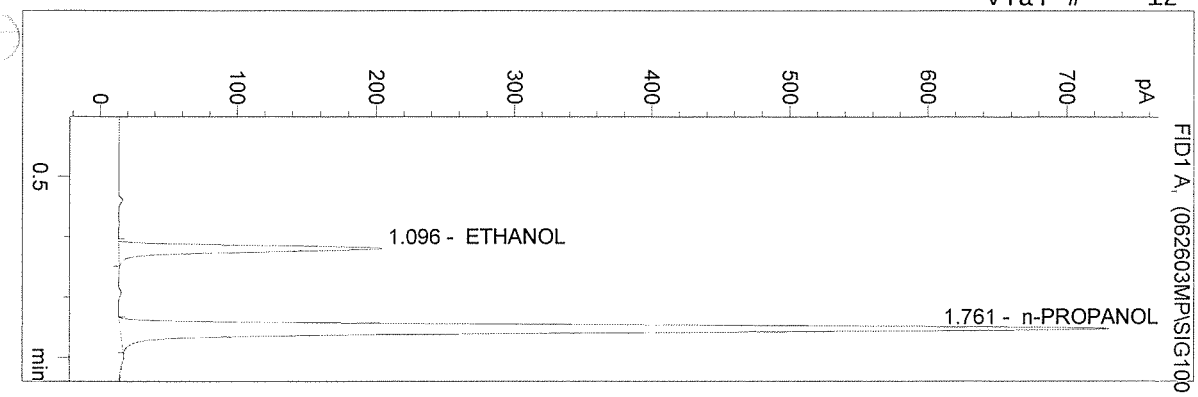
ETHANOL 0.050 g/100mL



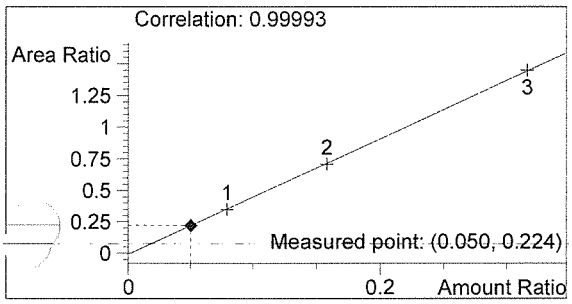
n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALC03.M
6/26/03 7:47:26 AM
Instrument 3
[illegible]ALC1

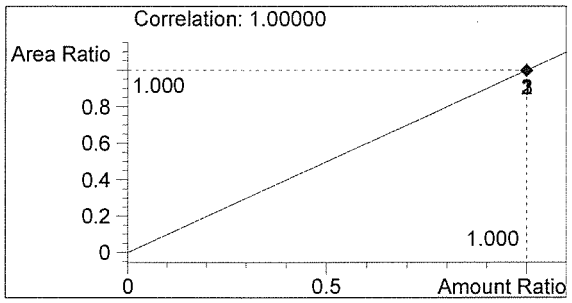
03020 0.04QA
M PEMBERTON
vial # 12



#	Compound	Area	RT
1	ETHANOL	713	1.096
2	n-PROPANOL	3189	1.761
Totals:			



ETHANOL 0.050 g/100mL

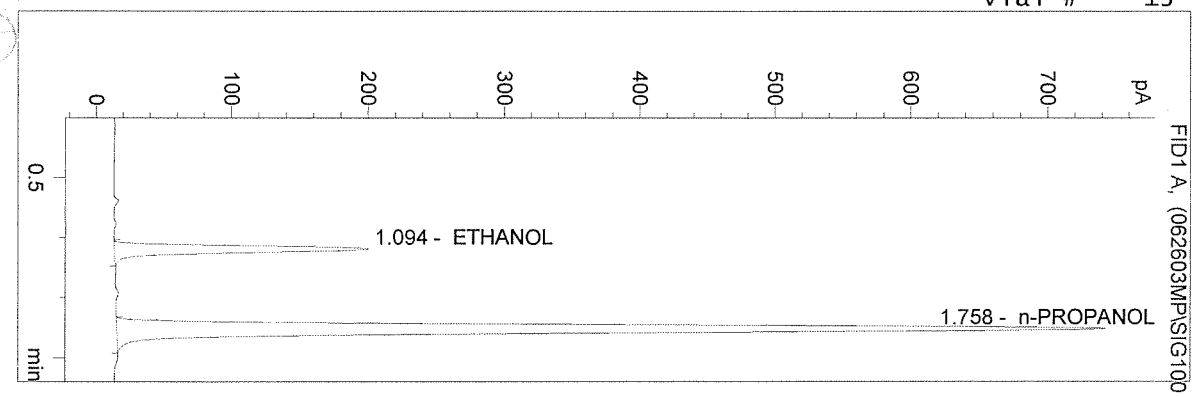


n-PROPANOL 1.000 g/100mL

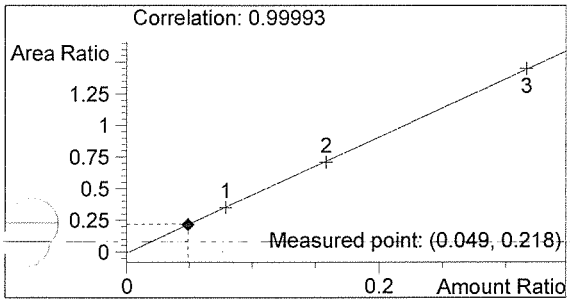
C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:50:41 AM
Instrument 3
F ALC1

03020 0.04QA
M PEMBERTON

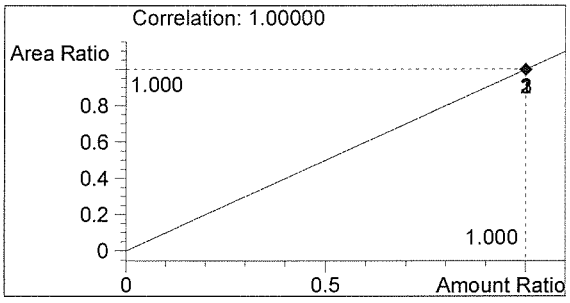
vial # 13



#	Compound	Area	RT
1	ETHANOL	715	1.094
2	n-PROPANOL	3273	1.758
Totals:			



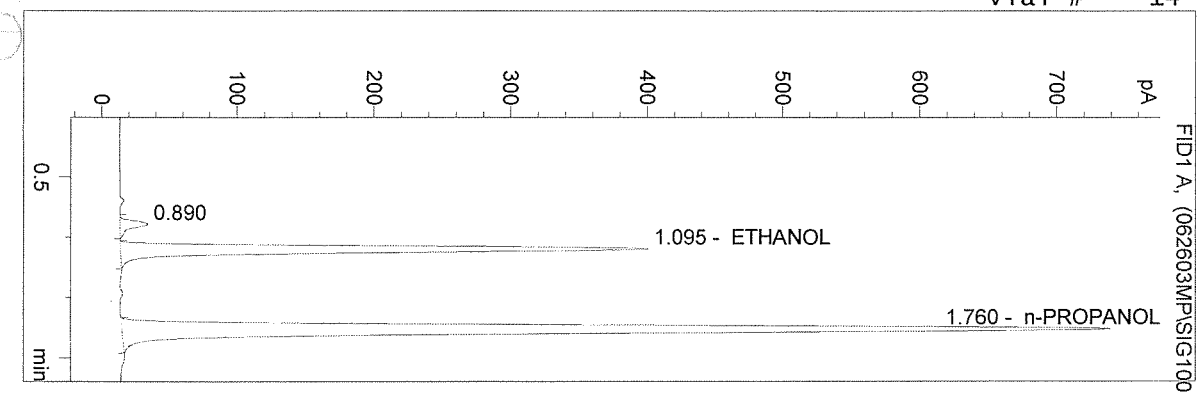
ETHANOL 0.049 g/100mL



n-PROPANOL 1.000 g/100mL

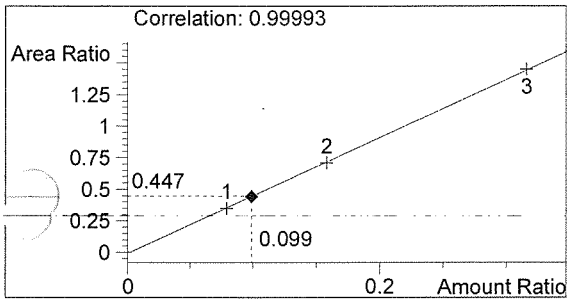
C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:53:35 AM
Instrument 3
ALC1

0.10 CONTROL
M PEMBERTON
vial # 14

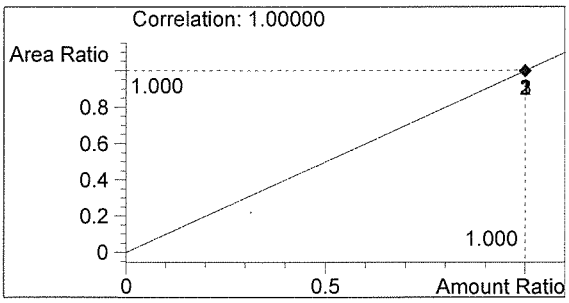


#	Compound	Area	RT
1		81	0.890
2	ETHANOL	1436	1.095
3	n-PROPANOL	3213	1.760

Totals:

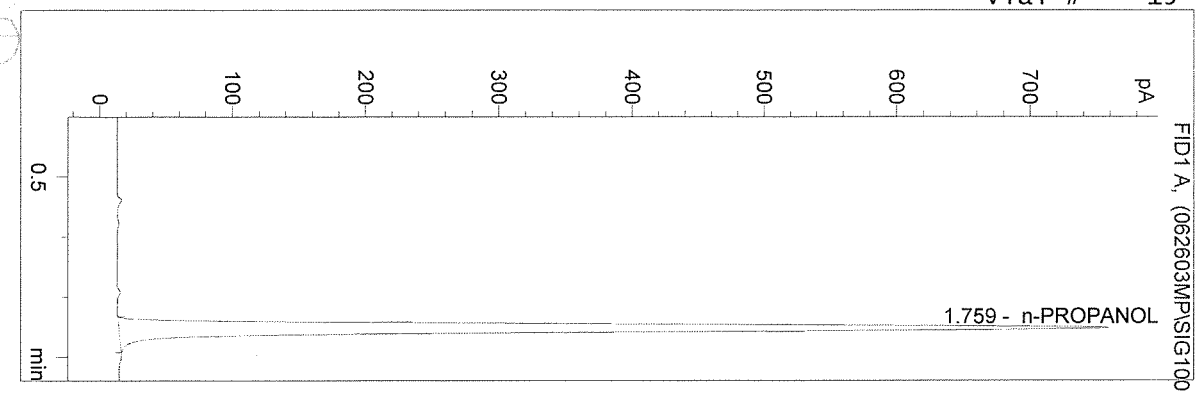


ETHANOL 0.099 g/100mL

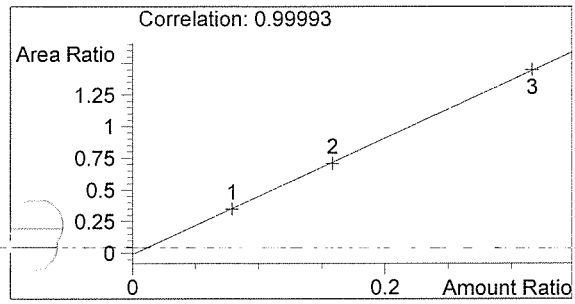


n-PROPANOL 1.000 g/100mL

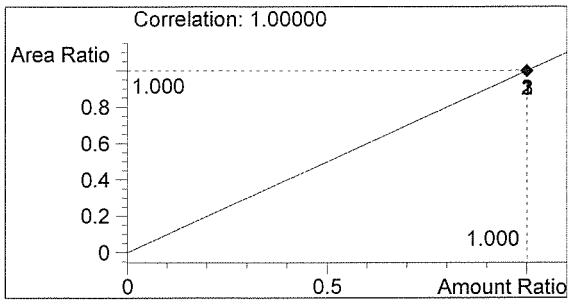
C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:56:16 AM BLK
Instrument 3 M PEMBERTON
[illegible]ALC1
vial # 15



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3327	1.759
Totals:			



ETHANOL 0.000 g/100mL

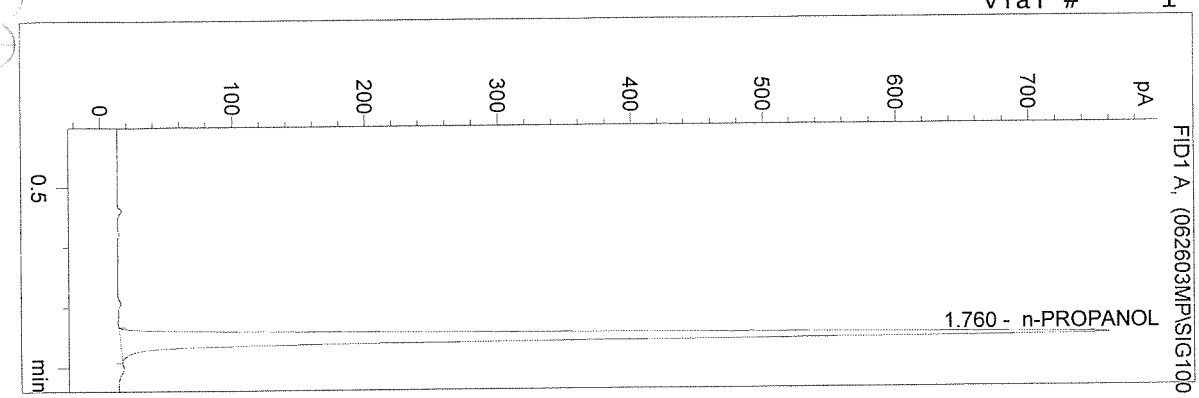


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:15:42 AM
Instrument 3
[illegible]ALC1

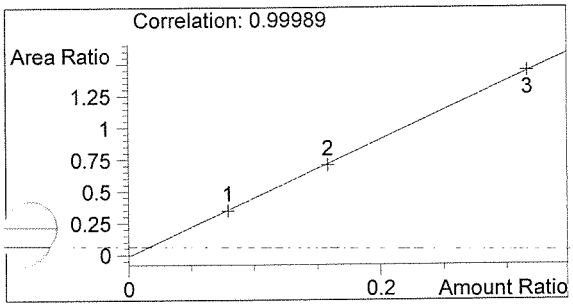
BLANK
M PEMBERTON

vial # 1

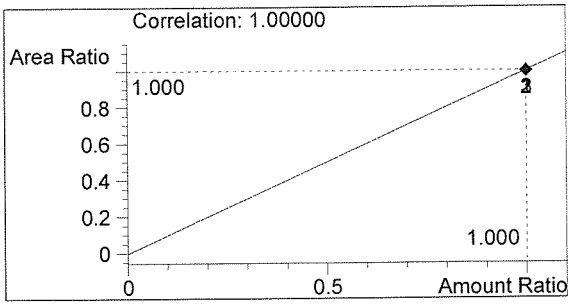


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3323	1.760

Totals:



ETHANOL 0.000 g/100mL

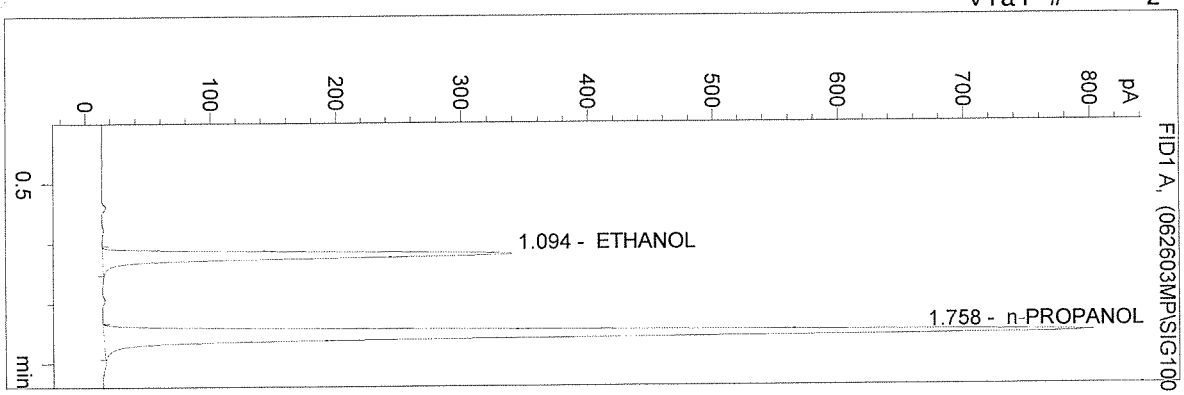


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:18:35 AM
Instrument 3
ALC1

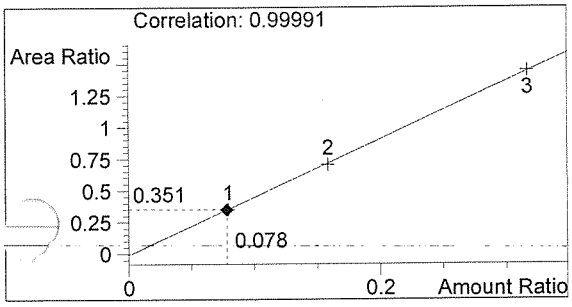
0.079 CAL
M PEMBERTON

vial # 2

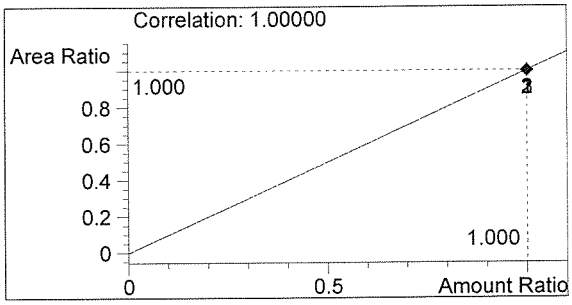


#	Compound	Area	RT
1	ETHANOL	1234	1.094
2	n-PROPANOL	3513	1.758

Totals:



ETHANOL 0.078 g/100mL

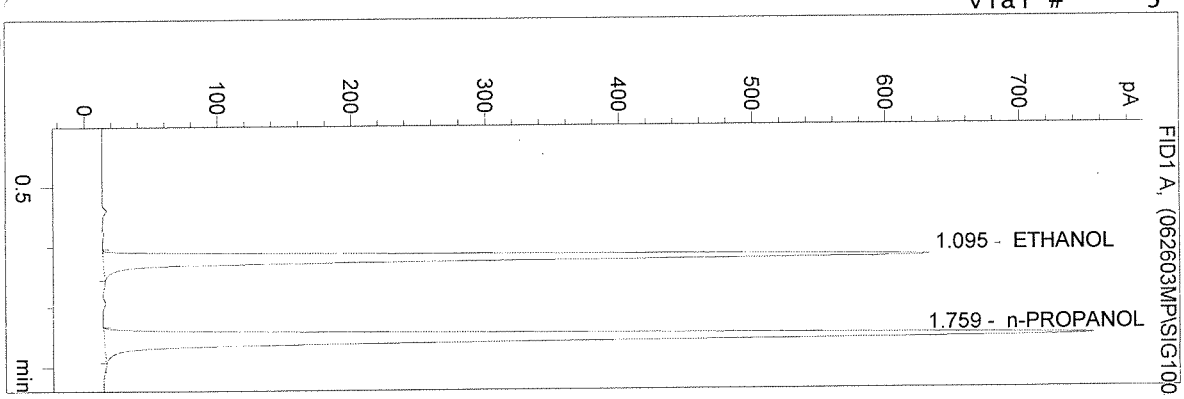


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:21:18 AM
Instrument 3
ALC1

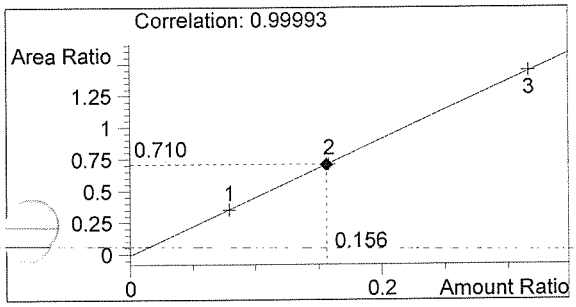
0.158 CAL
M PEMBERTON

vial # 3

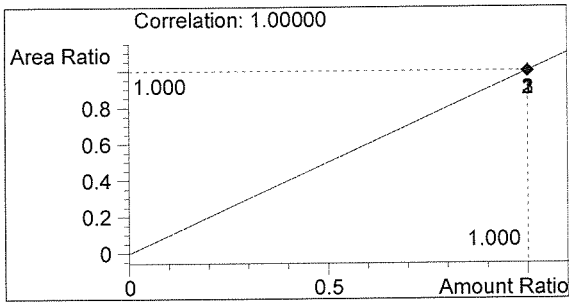


#	Compound	Area	RT
1	ETHANOL	2369	1.095
2	n-PROPANOL	3335	1.759

Totals:



ETHANOL 0.156 g/100mL

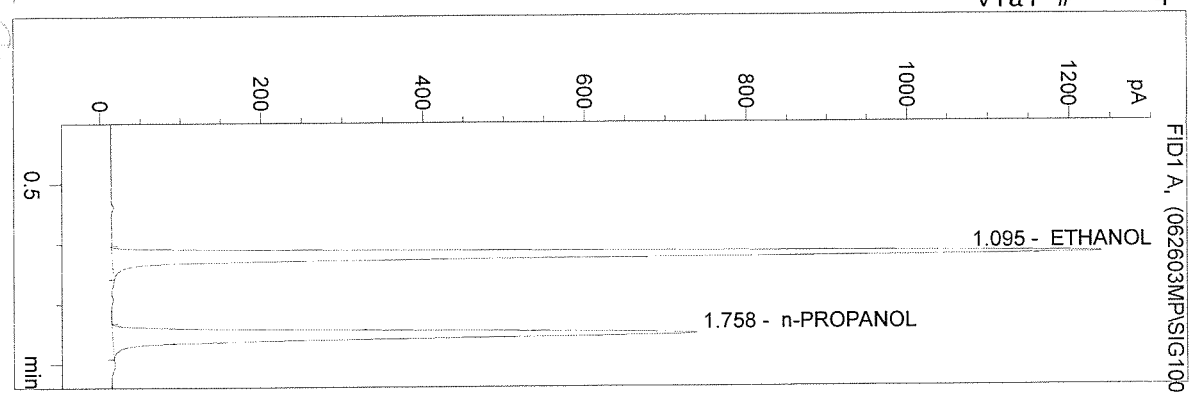


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:24:02 AM
Instrument 3
ALC1

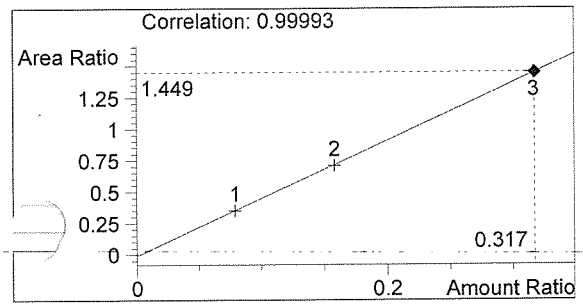
0.316 CAL
M PEMBERTON

vial # 4

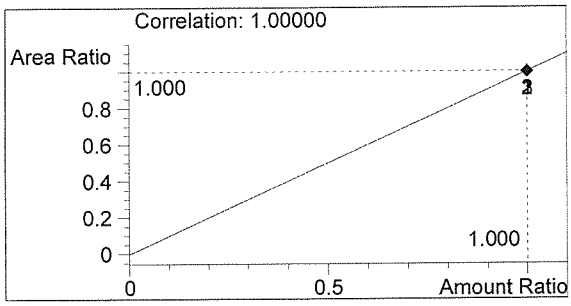


#	Compound	Area	RT
1	ETHANOL	4755	1.095
2	n-PROPANOL	3280	1.758

Totals:



ETHANOL 0.317 g/100mL

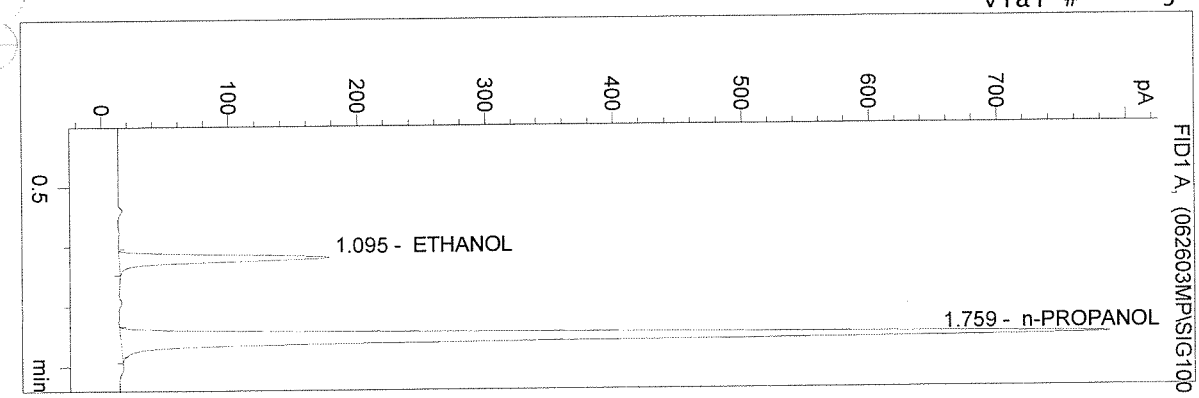


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:27:22 AM
Instrument 3
ALC1

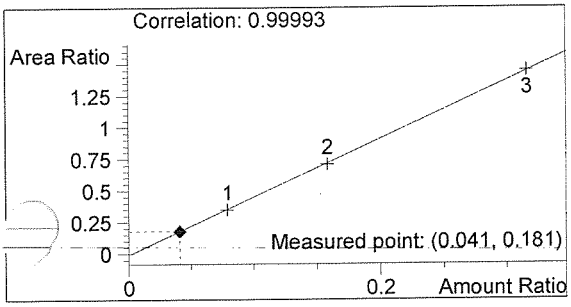
0.04 CONTROL
M PEMBERTON

vial # 5

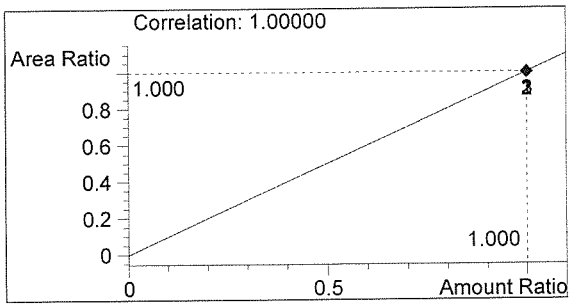


#	Compound	Area	RT
1	ETHANOL	630	1.095
2	n-PROPANOL	3473	1.759

Totals:



ETHANOL 0.041 g/100mL

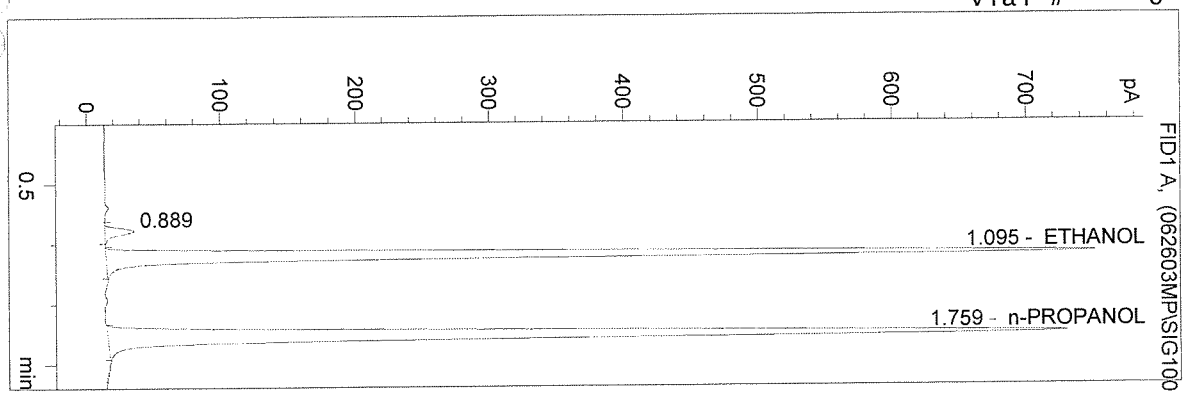


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:30:14 AM
Instrument 3
ALC1

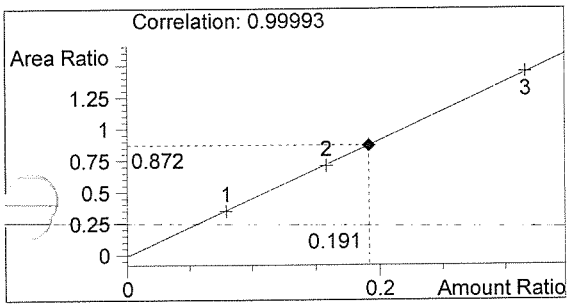
0.20 CONTROL
M PEMBERTON

vial # 6

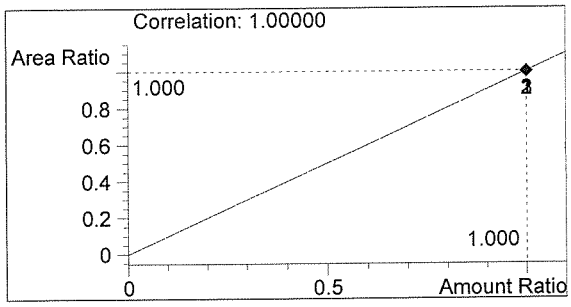


#	Compound	Area	RT
1		83	0.889
2	ETHANOL	2776	1.095
3	n-PROPANOL	3182	1.759

Totals:



ETHANOL 0.191 g/100mL

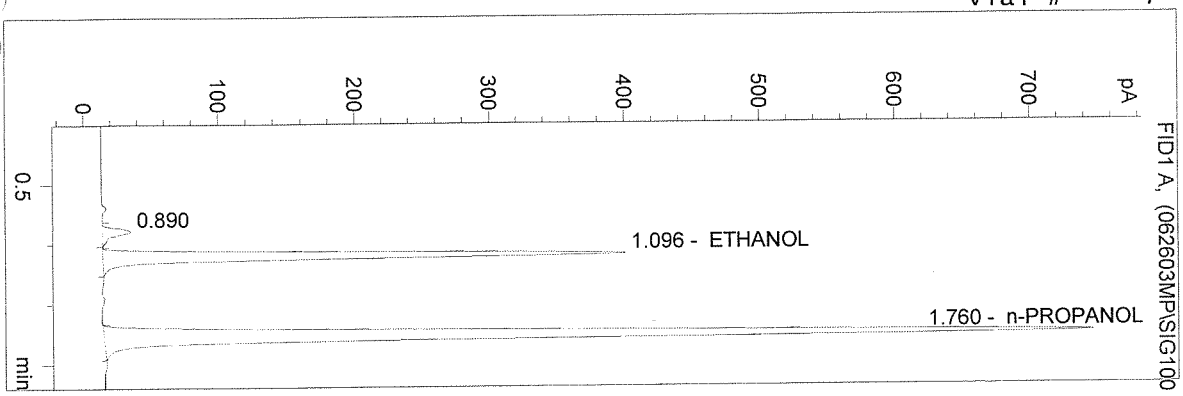


n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:32:55 AM
Instrument 3
[illegible]ALC1

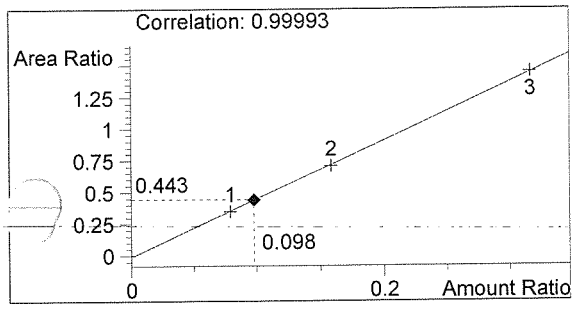
0.10 CONTROL
M PEMBERTON

vial # 7

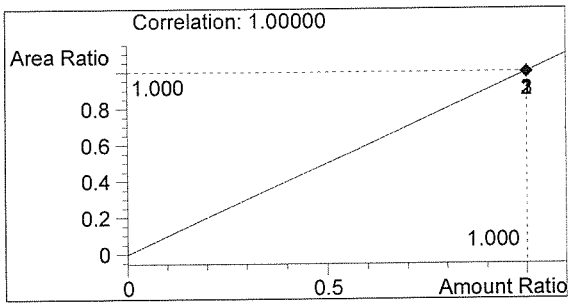


#	Compound	Area	RT
1		85	0.890
2	ETHANOL	1442	1.096
3	n-PROPANOL	3251	1.760

Totals:



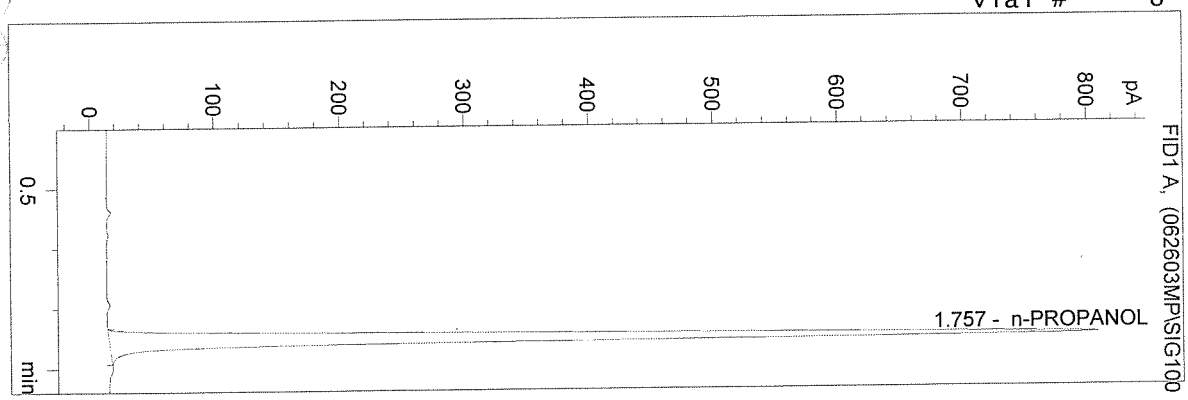
ETHANOL 0.098 g/100mL



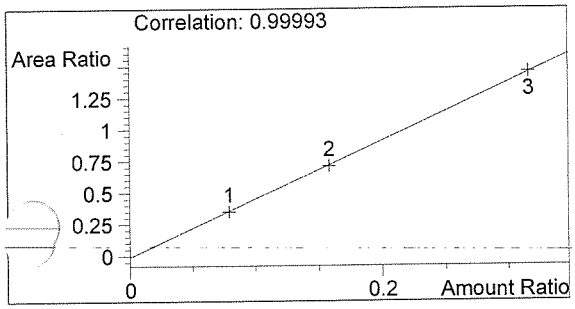
n-PROPANOL 1.000 g/100mL

C:\HPCHEM\1\METHODS\BLDALCO3.M
6/26/03 7:35:45 AM
Instrument 3
ALC1

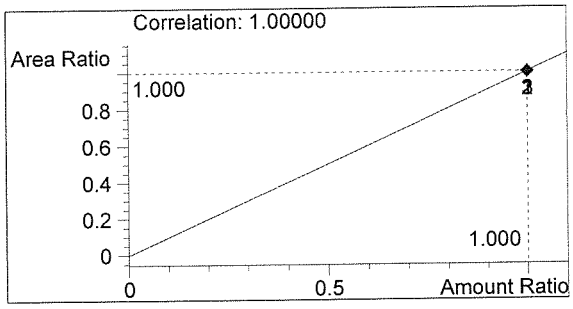
BLK
M PEMBERTON
vial # 8



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	3532	1.757
Totals:			



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

Sequence Parameters:

Operator:	M PEMBERTON
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	062603MP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Vial Information Part:

Line	Vial	Vial Information
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	
19	19	
20	20	
21	21	

Line	Vial	Vial Information
22	22	
23	23	
24	24	
25	25	
26	26	
27	27	
28	28	
29	29	
30	30	
31	31	
32	32	
33	33	
34	34	
35	35	
36	36	
37	37	
38	38	
39	39	
40	40	
41	41	
42	42	
43	43	

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO3	1	Sample		
2	2	0.079 CAL	BLDALCO3	1	Calib		
3	3	0.158 CAL	BLDALCO3	1	Calib		
4	4	0.316 CAL	BLDALCO3	1	Calib		
5	5	0.04 CONTROL	BLDALCO3	1	Ctrl Samp		
6	6	0.20 CONTROL	BLDALCO3	1	Ctrl Samp		
7	7	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
8	8	BLK	BLDALCO3	1	Sample		
9	9	03020 0.04 QA	BLDALCO3	1	Sample		
10	10	03020 0.04 QA	BLDALCO3	1	Sample		
11	11	03020 0.04QA	BLDALCO3	1	Sample		
12	12	03020 0.04QA	BLDALCO3	1	Sample		
13	13	03020 0.04QA	BLDALCO3	1	Sample		
14	14	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
15	15	BLK	BLDALCO3	1	Sample		
16	16	03021 0.08 QA	BLDALCO3	1	Sample		
17	17	03021 0.08QA	BLDALCO3	1	Sample		
18	18	03021 0.08QA	BLDALCO3	1	Sample		
19	19	03021 0.08QA	BLDALCO3	1	Sample		
20	20	03021 0.08QA	BLDALCO3	1	Sample		
21	21	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
22	22	BLK	BLDALCO3	1	Sample		
23	23	03022 0.10QA	BLDALCO3	1	Sample		
24	24	03022 0.10QA	BLDALCO3	1	Sample		
25	25	03022 0.10QA	BLDALCO3	1	Sample		
26	26	03022 0.10QA	BLDALCO3	1	Sample		
27	27	03022 0.10QA	BLDALCO3	1	Sample		
28	28	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
29	29	BLK	BLDALCO3	1	Sample		
30	30	03023 0.15QA	BLDALCO3	1	Sample		
31	31	03023 0.15QA	BLDALCO3	1	Sample		
32	32	03023 0.15QA	BLDALCO3	1	Sample		
33	33	03023 0.15QA	BLDALCO3	1	Sample		
34	34	03023 0.15QA	BLDALCO3	1	Sample		
35	35	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
36	36	BLK	BLDALCO3	1	Sample		
37	37	03019 0.08 SIM	BLDALCO3	1	Sample		
38	38	03019 0.08 SIM	BLDALCO3	1	Sample		
39	39	03019 0.08 SIM	BLDALCO3	1	Sample		
40	40	03019 0.08 SIM	BLDALCO3	1	Sample		
41	41	03019 0.08 SIM	BLDALCO3	1	Sample		
42	42	0.10 CONTROL	BLDALCO3	1	Ctrl Samp		
43	43	BLK	BLDALCO3	1	Sample		

Calibration Part:

Line	Vial	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	2	0.079 CAL	BLDALCO3	1	Replace	Average	
3	3	0.158 CAL	BLDALCO3	2	Replace	Average	
4	4	0.316 CAL	BLDALCO3	3	Replace	Average	

Quantification Part:

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	1	BLANK				
2	2	0.079 CAL				
3	3	0.158 CAL				
4	4	0.316 CAL				
5	5	0.04 CONTROL				
6	6	0.20 CONTROL				
7	7	0.10 CONTROL				
8	8	BLK				
9	9	03020 0.04 QA				
10	10	03020 0.04 QA				
11	11	03020 0.04QA				
12	12	03020 0.04QA				
13	13	03020 0.04QA				
14	14	0.10 CONTROL				
15	15	BLK				
16	16	03021 0.08 QA				
17	17	03021 0.08QA				
18	18	03021 0.08QA				
19	19	03021 0.08QA				
20	20	03021 0.08QA				
21	21	0.10 CONTROL				
22	22	BLK				
23	23	03022 0.10QA				
24	24	03022 0.10QA				
25	25	03022 0.10QA				
26	26	03022 0.10QA				
27	27	03022 0.10QA				
28	28	0.10 CONTROL				
29	29	BLK				
30	30	03023 0.15QA				
31	31	03023 0.15QA				

Line	Vial	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
32	32	03023 0.15QA				
33	33	03023 0.15QA				
34	34	03023 0.15QA				
35	35	0.10 CONTROL				
36	36	BLK				
37	37	03019 0.08 SIM				
38	38	03019 0.08 SIM				
39	39	03019 0.08 SIM				
40	40	03019 0.08 SIM				
41	41	03019 0.08 SIM				
42	42	0.10 CONTROL				
43	43	BLK				

Sequence Table (Back Injector):

No entries - empty table!

Sequence Output Parameters:

Print Sequence Summary Report (SSR):	No
Dest of individual reports for each run:	as specified in Method

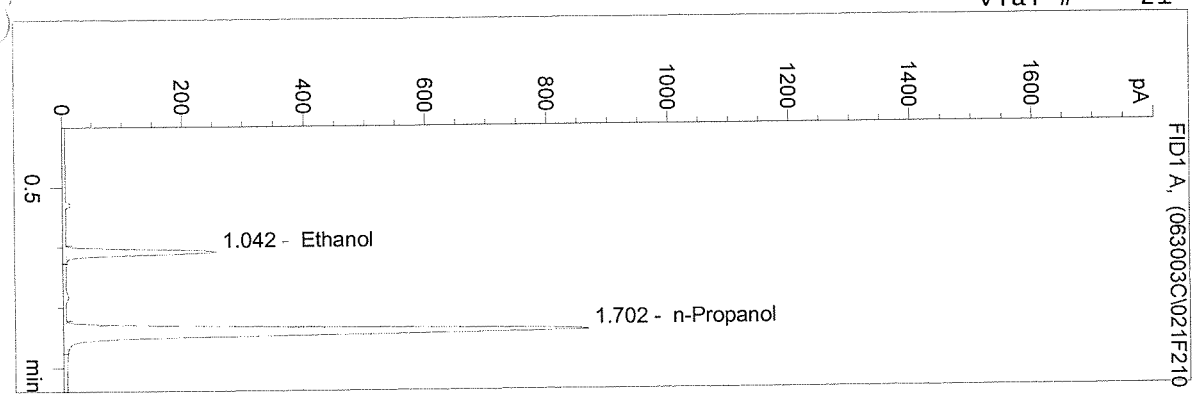
Sequence Summary Parameters:

One page header:	No
Print Configuration:	No
Print Sequence:	No
Print Logbook:	No
Print Method(s):	No
Print Analysis reports:	No
Print Statistics for Calib. runs:	No
Print Statistics for Sample runs:	No
Summary style:	Sample Summary

C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 10:57:45 AM
Instrument 1
ALC1

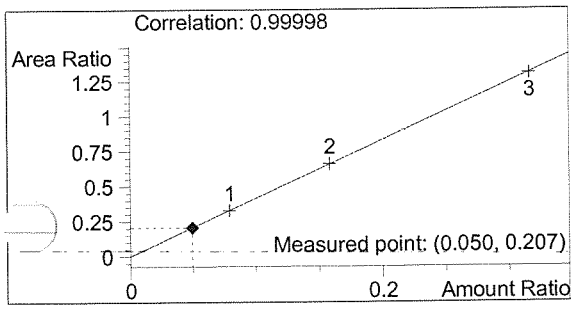
03020
ED FORMOSO

vial # 21

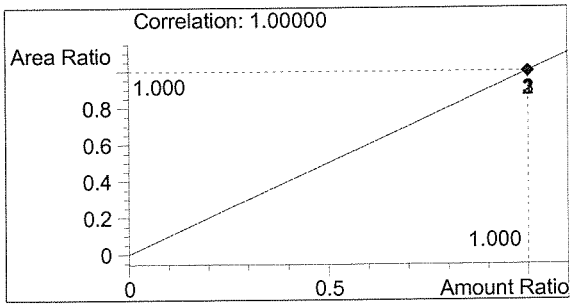


#	Compound	Area	RT
1	Ethanol	750	1.042
2	n-Propanol	3618	1.702

Totals:



Ethanol 0.050 g/100ml

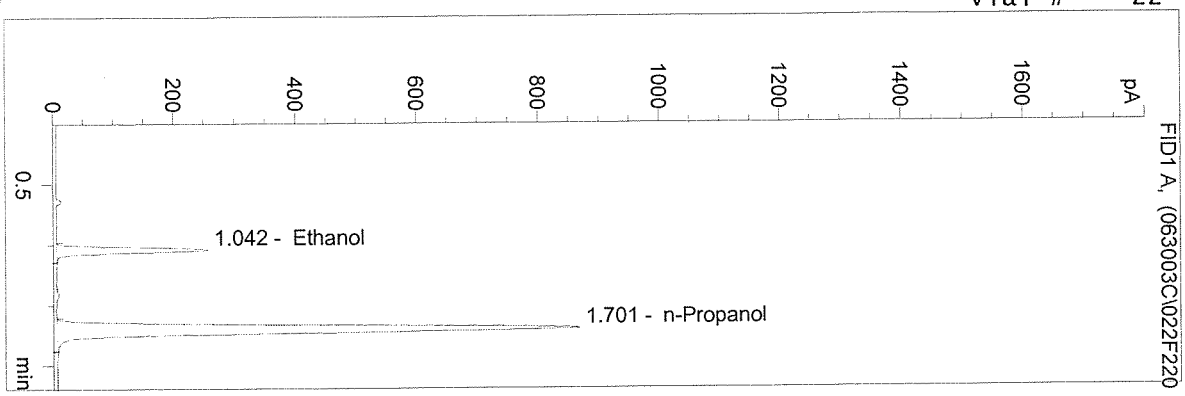


n-Propanol 1.000 g/100ml

C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 11:00:46 AM
Instrument 1
ALC1

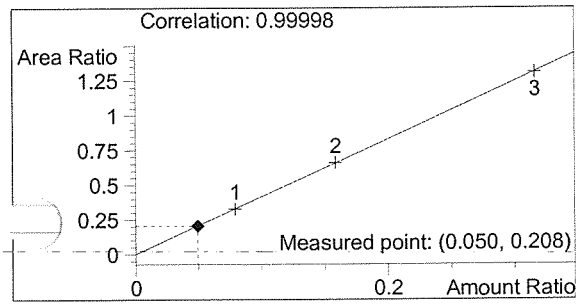
03020
ED FORMOSO

vial # 22

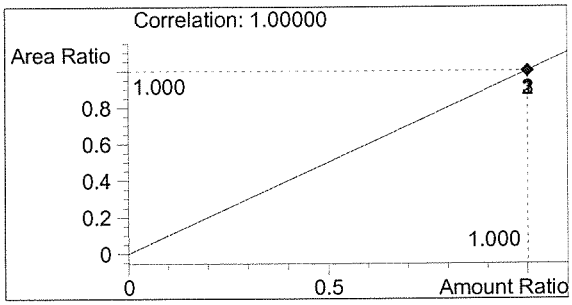


#	Compound	Area	RT
1	Ethanol	749	1.042
2	n-Propanol	3606	1.701

Totals:



Ethanol 0.050 g/100ml

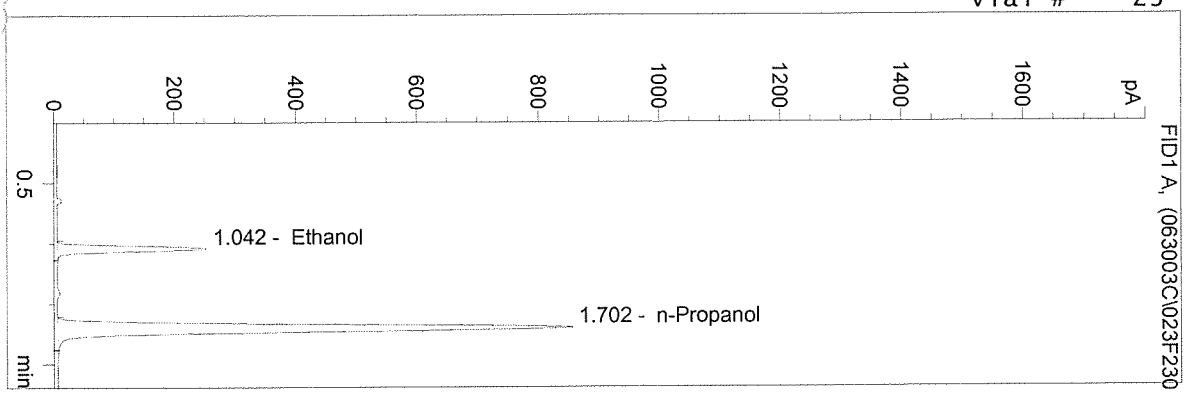


n-Propanol 1.000 g/100ml

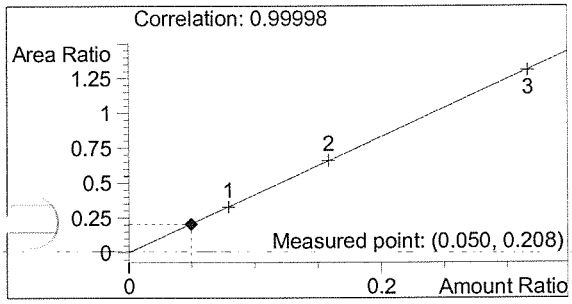
C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 11:03:48 AM
Instrument 1
[illegible]ALC1

03020
ED FORMOSO

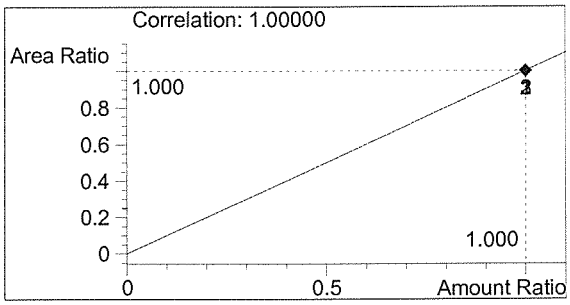
vial # 23



#	Compound	Area	RT
1	Ethanol	742	1.042
2	n-Propanol	3577	1.702
Totals:			



Ethanol 0.050 g/100ml

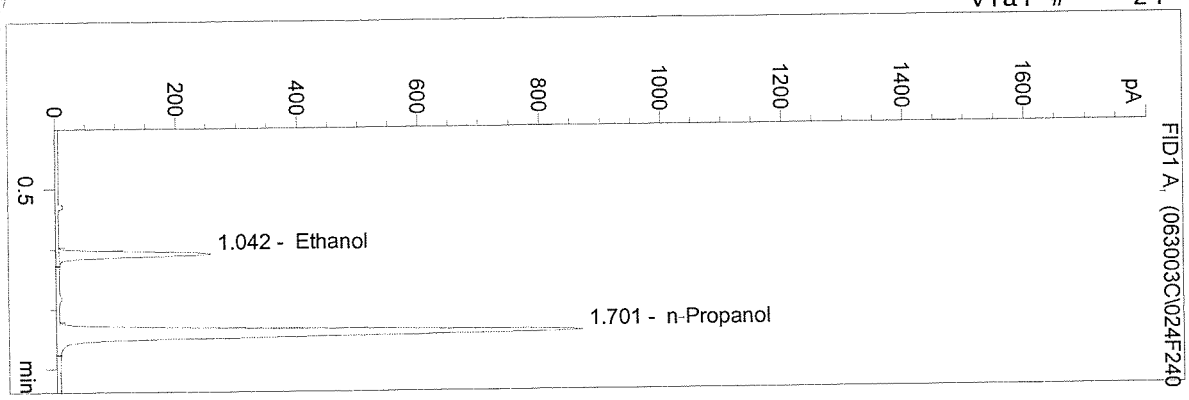


n-Propanol 1.000 g/100ml

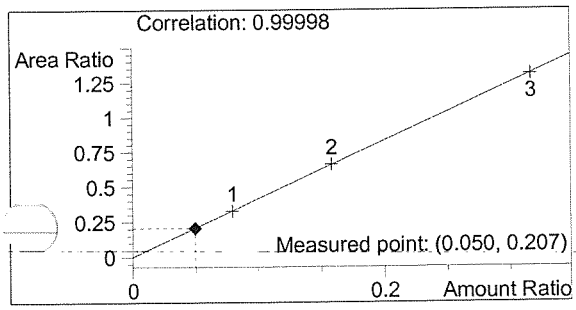
C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 11:06:50 AM
Instrument 1
ALC1

03020
ED FORMOSO

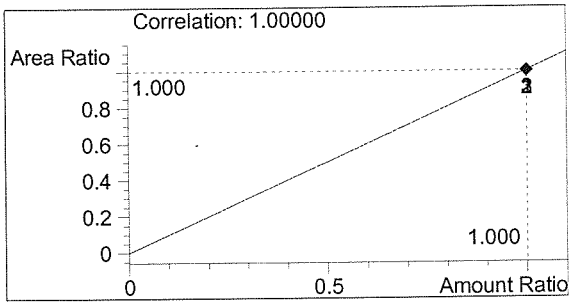
vial # 24



#	Compound	Area	RT
1	Ethanol	751	1.042
2	n-Propanol	3629	1.701
Totals:			



Ethanol 0.050 g/100ml

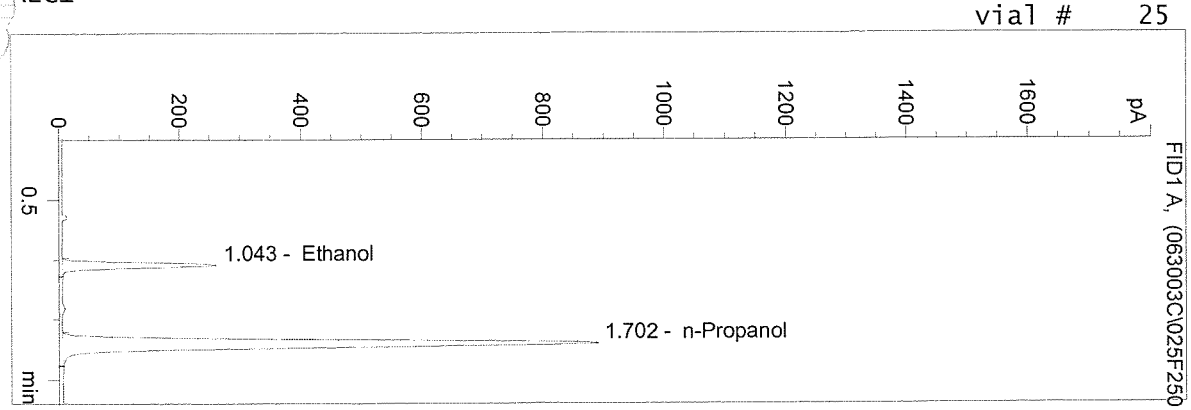


n-Propanol 1.000 g/100ml

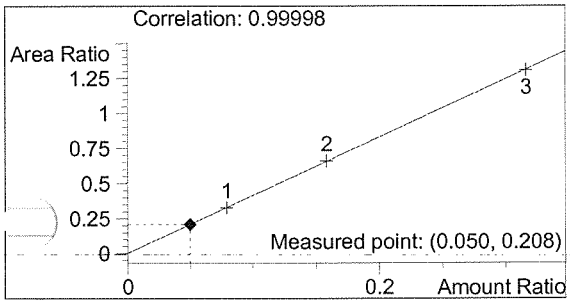
C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 11:10:02 AM
Instrument 1
[illegible]ALC1

03020
ED FORMOSO

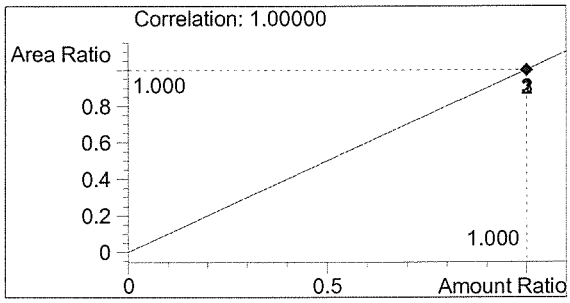
vial # 25



#	Compound	Area	RT
1	Ethanol	779	1.043
2	n-Propanol	3738	1.702
Totals:			



Ethanol 0.050 g/100ml

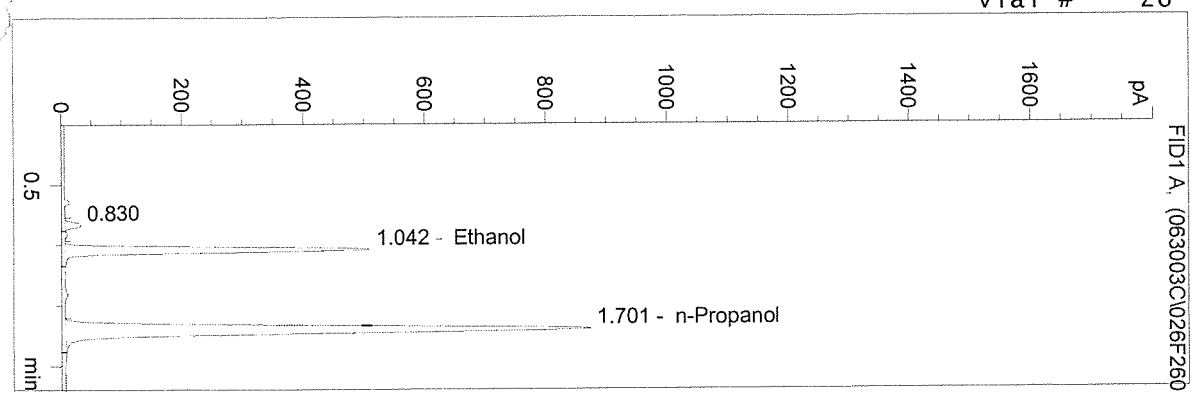


n-Propanol 1.000 g/100ml

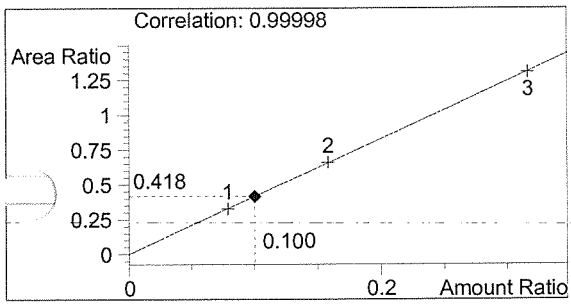
C:\HPCHEM\1\METHODS\BLDALCO.M
6/30/03 11:13:04 AM
Instrument 1
ALC1

0.10 CONTROL
ED FORMOSO

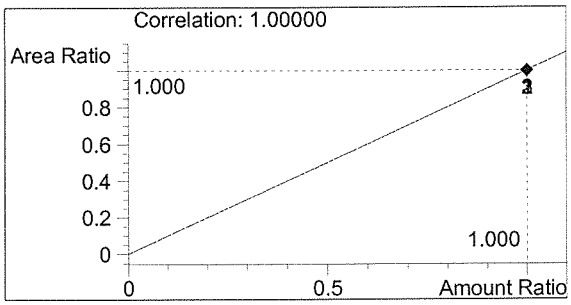
vial # 26



#	Compound	Area	RT
1		81	0.830
2	Ethanol	1534	1.042
3	n-Propanol	3671	1.701
Totals:			



Ethanol 0.100 g/100ml

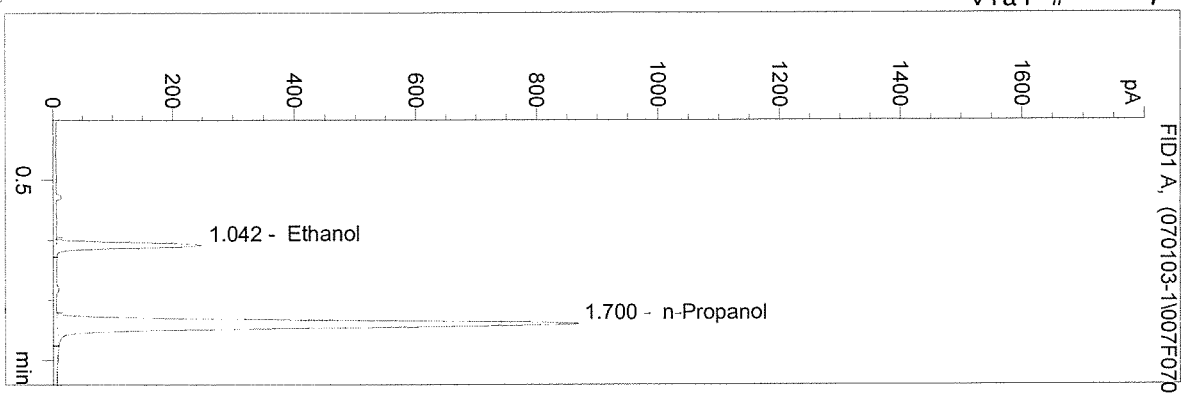


n-Propanol 1.000 g/100ml

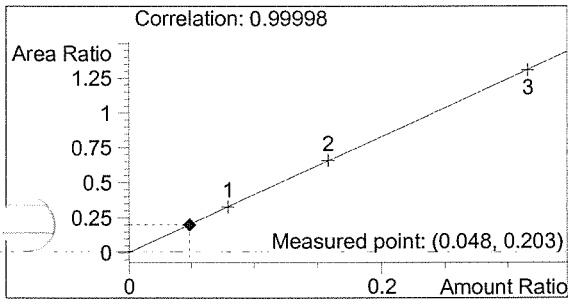
C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/03 9:39:47 AM
Instrument 1
-ALC1

03020
MARY WILSON

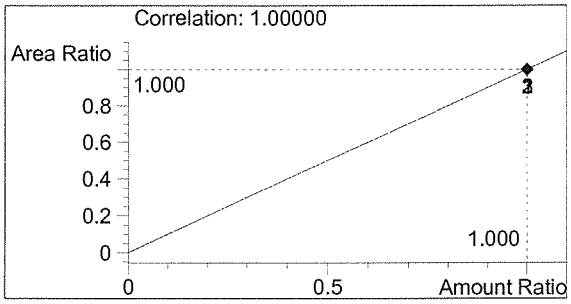
vial # 7



#	Compound	Area	RT
1	Ethanol	738	1.042
2	n-Propanol	3640	1.700
Totals:			



Ethanol 0.048 g/100ml



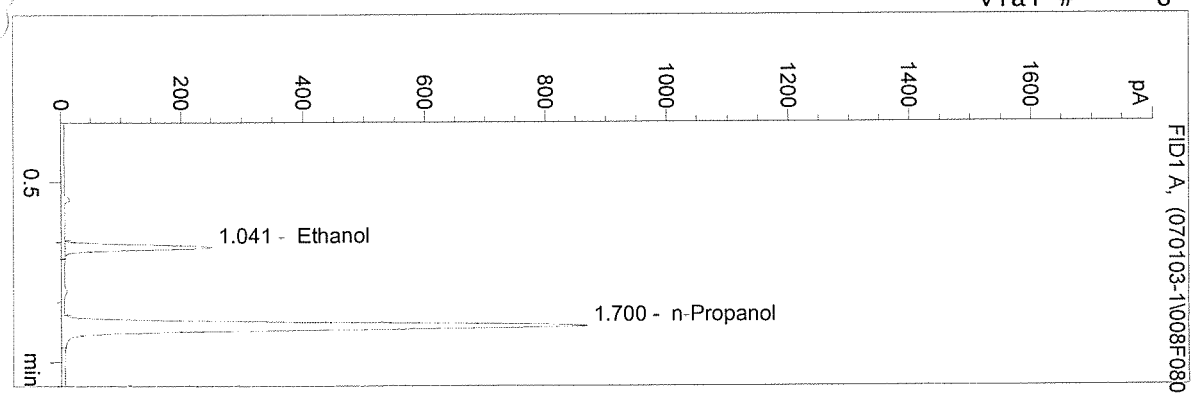
n-Propanol 1.000 g/100ml

Cal. 3/ 034052

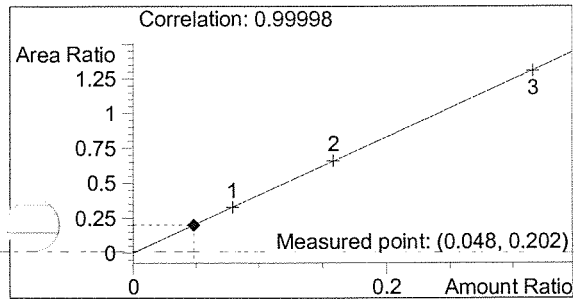
C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/03 9:42:48 AM
Instrument 1
[illegible]ALC1

03020
MARY WILSON

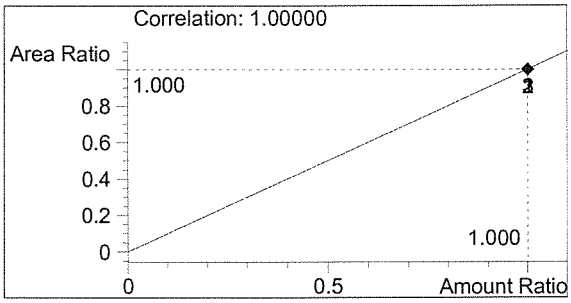
vial # 8



#	Compound	Area	RT
1	Ethanol	734	1.041
2	n-Propanol	3631	1.700
Totals:			



Ethanol 0.048 g/100ml

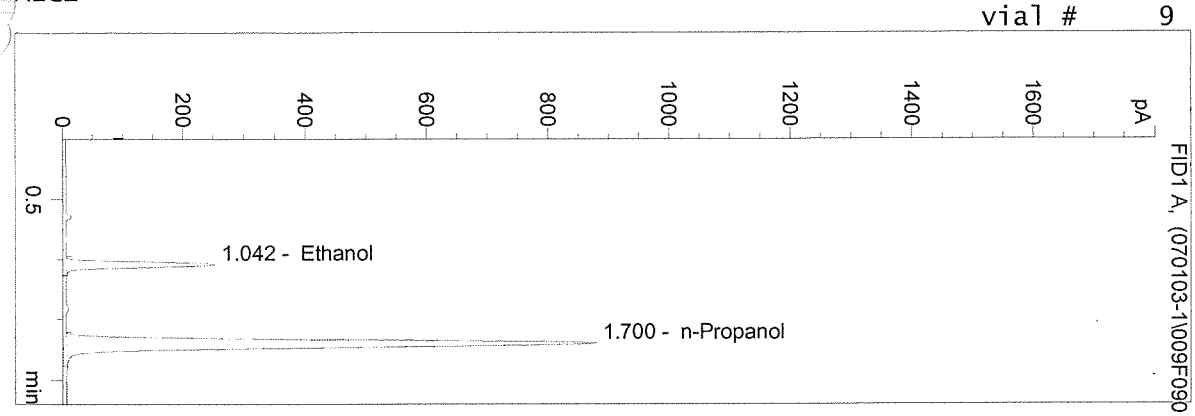


n-Propanol 1.000 g/100ml

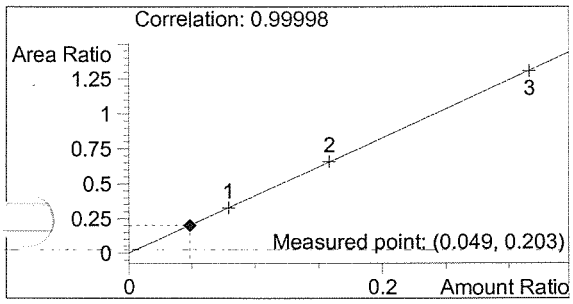
C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/03 9:46:04 AM
Instrument 1
ALC1

03020
MARY WILSON

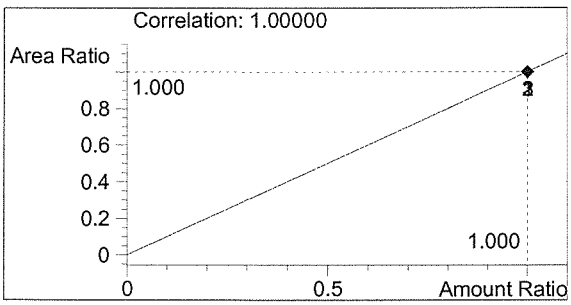
vial # 9



#	Compound	Area	RT
1	Ethanol	747	1.042
2	n-Propanol	3680	1.700
Totals:			



Ethanol 0.049 g/100ml

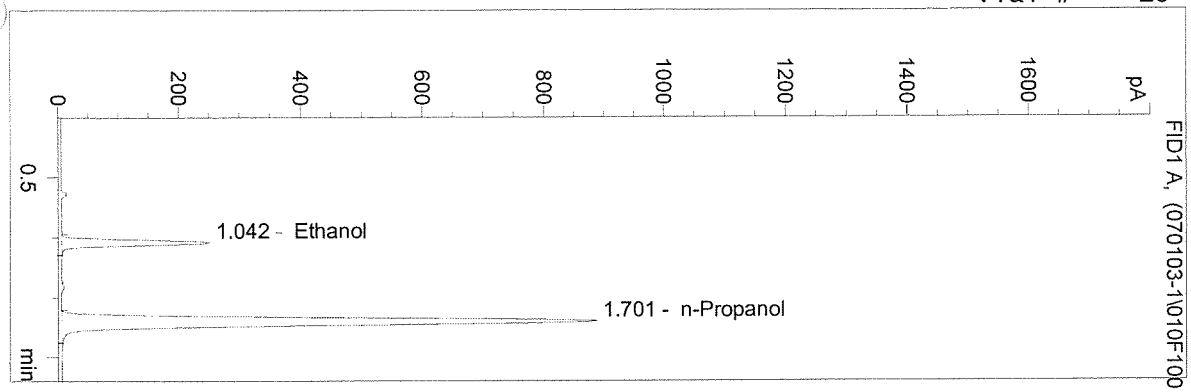


n-Propanol 1.000 g/100ml

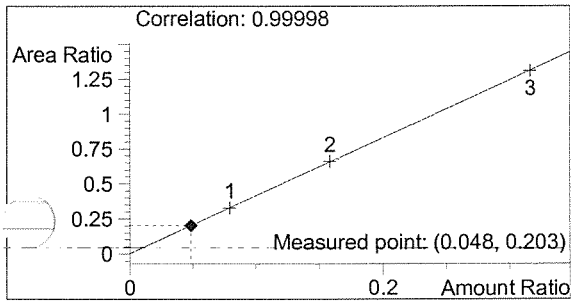
C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/03 9:49:06 AM
Instrument 1
ALC1

03020
MARY WILSON

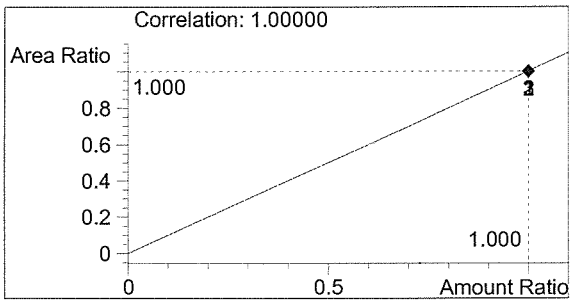
vial # 10



#	Compound	Area	RT
1	Ethanol	759	1.042
2	n-Propanol	3745	1.701
Totals:			



Ethanol 0.048 g/100ml

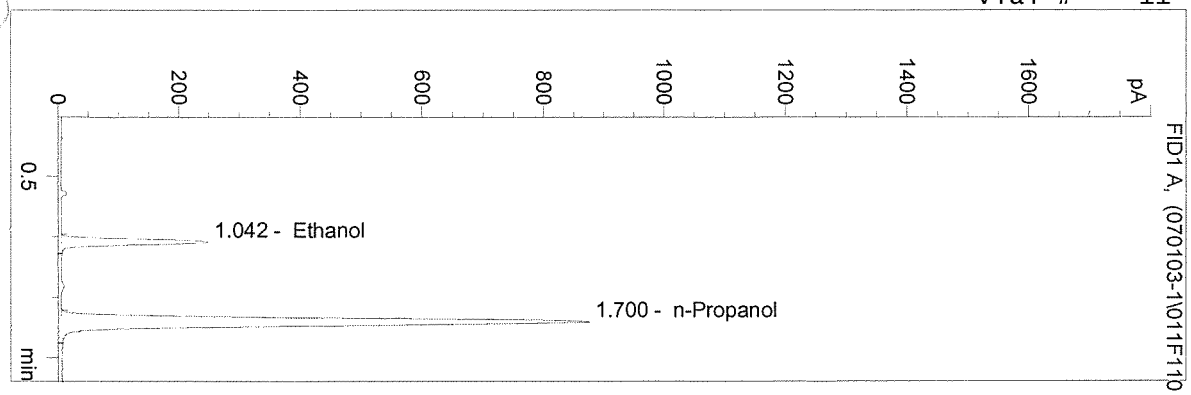


n-Propanol 1.000 g/100ml

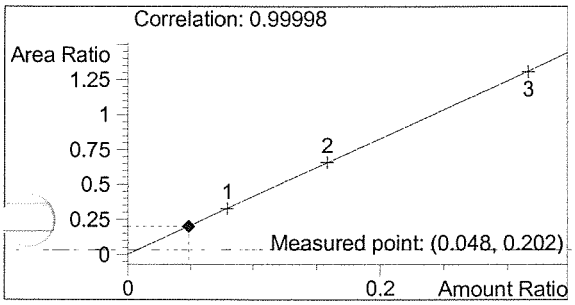
C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/03 9:52:09 AM
Instrument 1
ALC1

03020
MARY WILSON

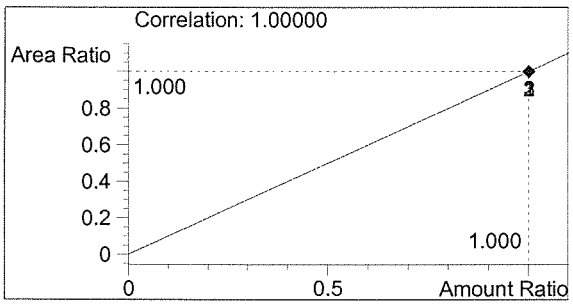
vial # 11



#	Compound	Area	RT
1	Ethanol	748	1.042
2	n-Propanol	3695	1.700
Totals:			



Ethanol 0.048 g/100ml

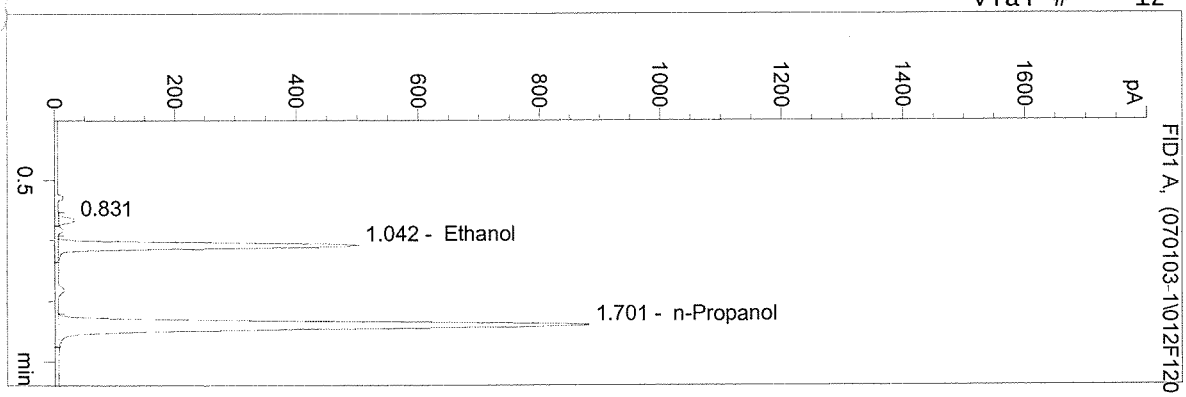


n-Propanol 1.000 g/100ml

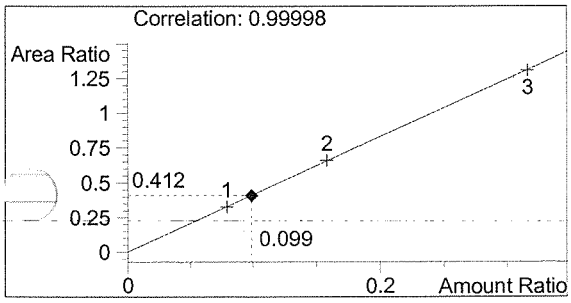
C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/03 9:55:11 AM
Instrument 1
[illegible]ALC1

0.10CTL
MARY WILSON

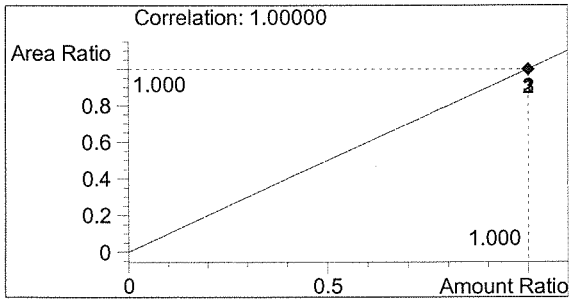
vial # 12



#	Compound	Area	RT
1		82	0.831
2	Ethanol	1530	1.042
3	n-Propanol	3716	1.701
Totals:			



Ethanol 0.099 g/100ml

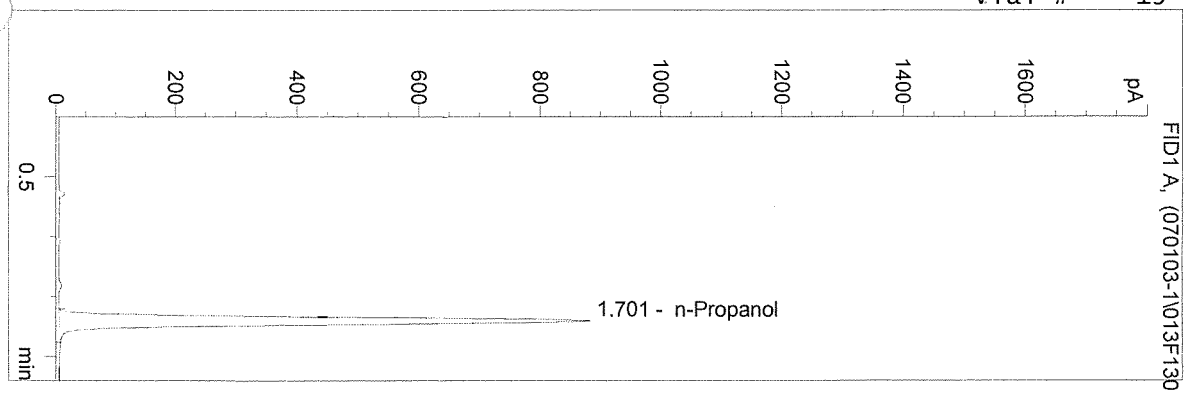


n-Propanol 1.000 g/100ml

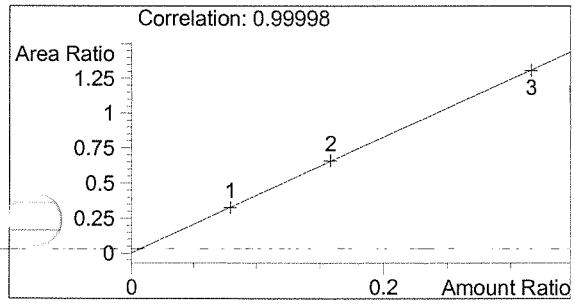
C:\HPCHEM\1\METHODS\BLDALCO.M
7/1/03 9:58:24 AM
Instrument 1
ALC1

BLANK
MARY WILSON

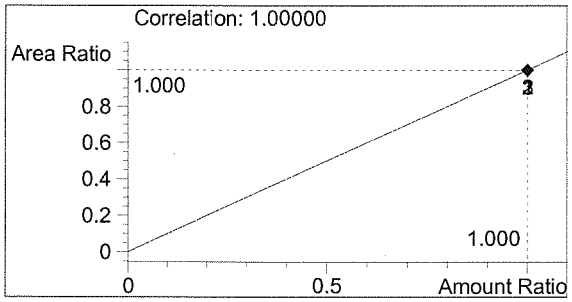
vial # 13



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3729	1.701
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml