

WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
WASHINGTON STATE PATROL
2203 AIRPORT WAY S, SUITE 360
SEATTLE, WASHINGTON 98134-2027
(206) 464-5435 FAX (206) 389-2738

Preparation and certification of **0.04** g/210L **Quality Assurance solution**

Batch number **03014**

Date: 6/6/2003

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	0.049									
2	0.049	0.050	0.048									
3	0.049	0.050	0.049									
4	0.049	0.050	0.049									
5	0.049	0.050	0.049									
Ctrl	0.100	0.101	0.099									

External Control:

Lot #: A022167 Exp date: 01/05

Target concentration: 0.10 g/100mL

Statistics:


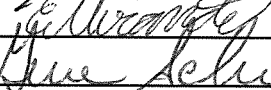
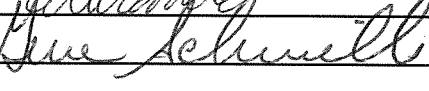
Avg. solution concent.: 0.0493 g/100 mL

SD: 0.00059

Range (3xSD): 0.0475 to 0.0510

Precision CV (%): 1.2049 %

Equivalent vapor concent.: 0.0401 g/210L

Analyst	Name	Signature	Date
1	William P Marshall		06/06/03
2	Estuardo J. Miranda		06/06/03
3	Eugene Schwilke		06/09/03
4			
5			
6			
7			
8			
9			
10			
11			
12			

Prepared by: William P Marshall according to the approved protocol



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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

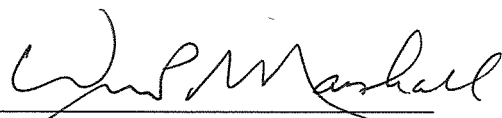
I, William P. Marshall, do certify under penalty of perjury as follows:

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 Chemistry and twenty-nine years of analytical laboratory experience including thirteen years of toxicology experience.

The quality assurance solution, Lot Number 03014 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0493 grams per 100ml.

Dated: 6/16/03
Seattle, WA



William P. Marshall
Forensic Toxicologist

WM/bf
WMQA





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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

I, Estuardo J. Miranda, 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: Bachelor of Science in Chemistry, Master of Science in Zoology, seven years experience in biochemical research and five years experience in Forensic Toxicology.

The quality assurance solution, Lot Number 03014 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0493 grams per 100ml.

Dated: 6/16/03
Seattle, WA

Estuardo J. Miranda
Forensic Toxicologist

EM/bf
EMQA





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BAC VERIFIER DATAMASTER QUALITY ASSURANCE SOLUTION
CERTIFICATION

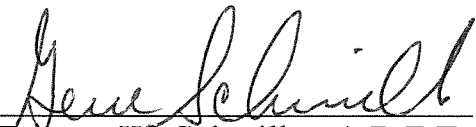
I, Eugene W. Schwilke, do certify under penalty of perjury as follows:

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, Board Certification from the American Board of Forensic Toxicology, and six years of experience in the Washington State Toxicology Laboratory.

The quality assurance solution, Lot Number 03014 was prepared in the Washington State Toxicology Laboratory. I examined and tested this solution. The mean concentration of the alcohol was 0.0493 grams per 100ml.

Dated: 6/16/03
Seattle, WA


Eugene W. Schwilke, A.B.F.T.
Forensic Toxicologist

GS/bf
GSQA



\HPCHEM\1\METHODS\BLDALCO3.M

'6/03 3:03:22 PM

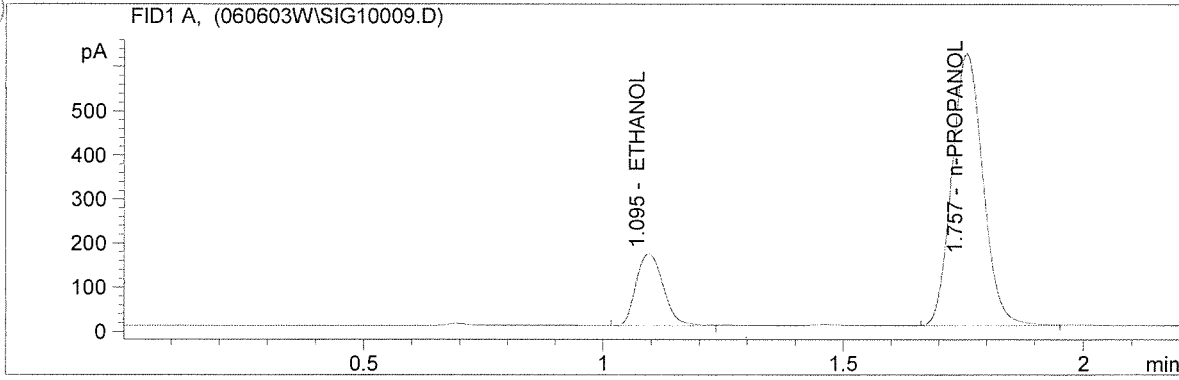
Instrument 3

ALC1

QA 03014 .04

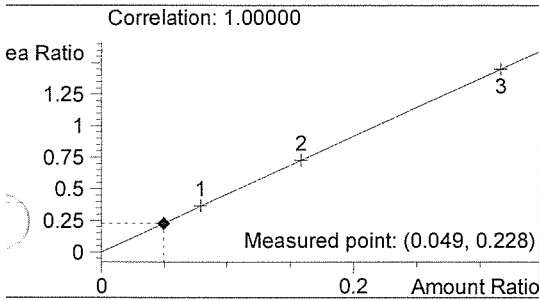
WP MARSHALL

vial # 9

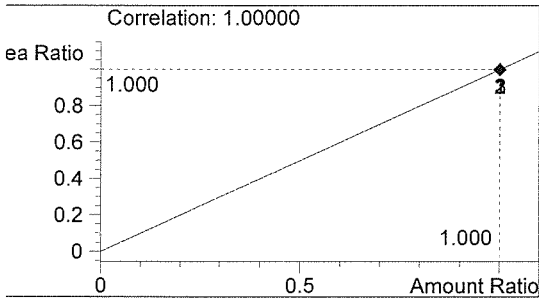


#	Compound	Area	RT
1	ETHANOL	639	1.095
2	n-PROPANOL	2797	1.757

Totals:



ETHANOL 0.049 g/100mL

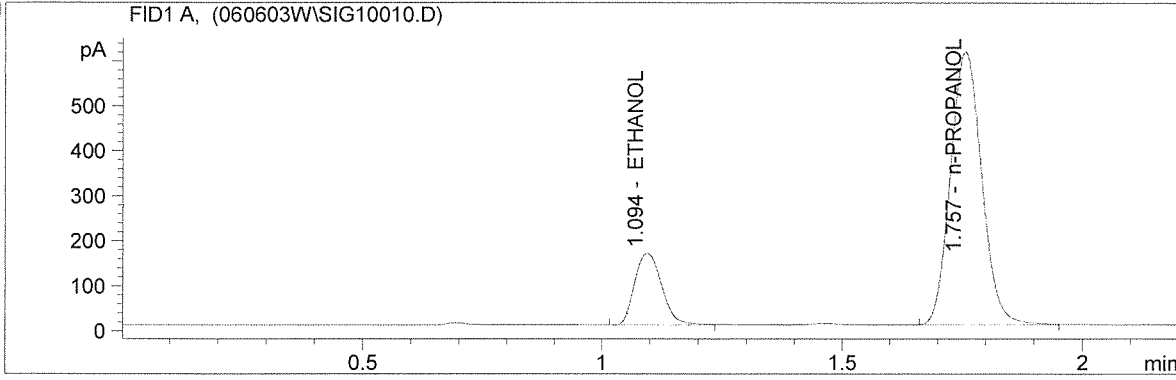


n-PROPANOL 1.000 g/100mL

:\HPCHEM\1\METHODS\BLDALCO3.M
 7/6/03 3:06:45 PM
 Instrument 3
 ALC1

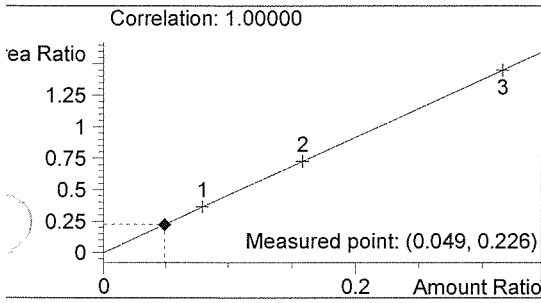
QA 03014 .04
 WP MARSHALL

vial # 10

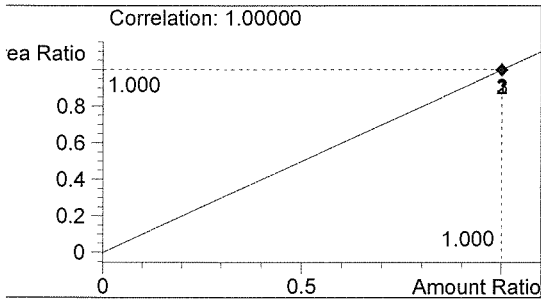


#	Compound	Area	RT
1	ETHANOL	625	1.094
2	n-PROPANOL	2761	1.757

Totals:



ETHANOL 0.049 g/100mL

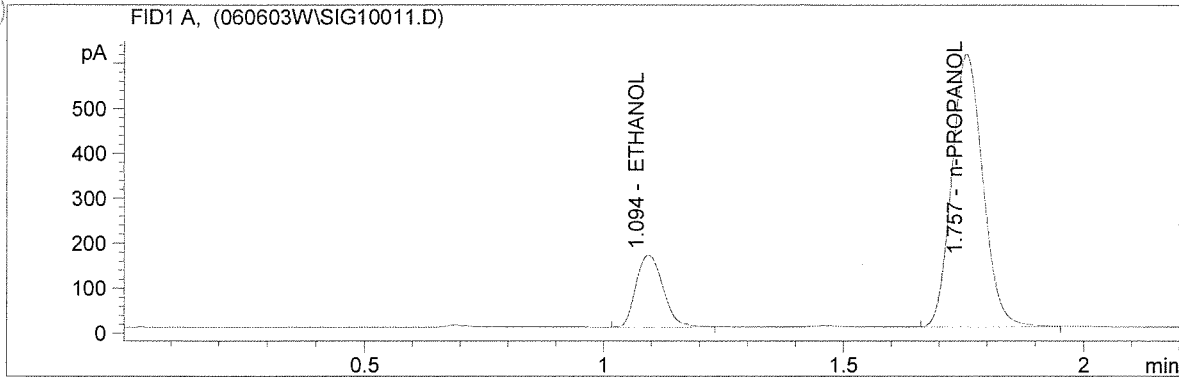


n-PROPANOL 1.000 g/100mL

\\HPCHEM\1\METHODS\BLDALCO3.M
 6/03 3:10:07 PM
 Instrument 3
 ALC1

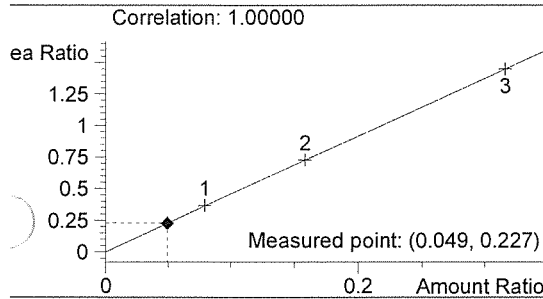
QA 03014 .04
 WP MARSHALL

vial # 11

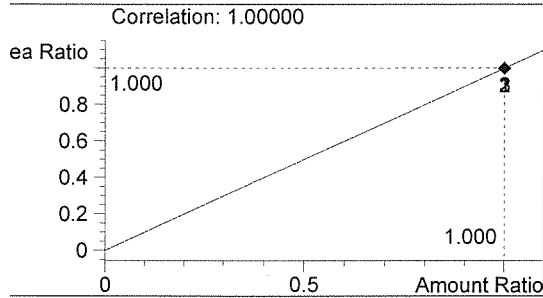


#	Compound	Area	RT
1	ETHANOL	625	1.094
2	n-PROPANOL	2746	1.757

Totals:



ETHANOL 0.049 g/100mL

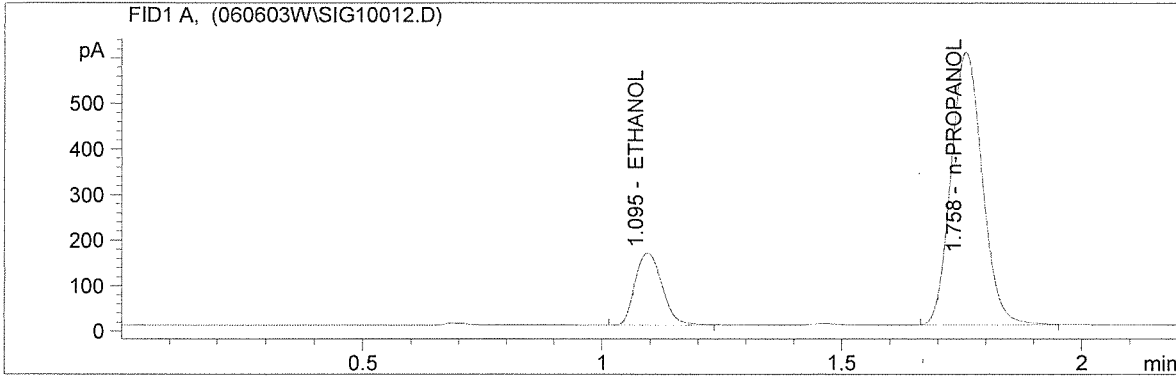


n-PROPANOL 1.000 g/100mL

:\HPCHEM\1\METHODS\BLDALCO3.M
 6/03 3:13:30 PM
 Instrument 3
 ALC1

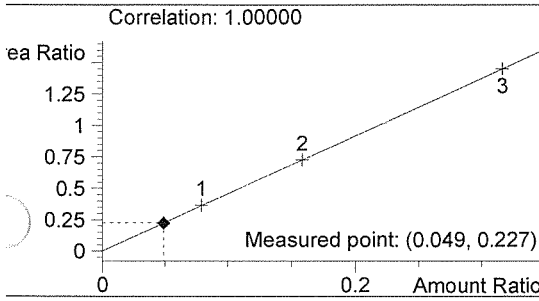
QA 03014 .04
 WP MARSHALL

vial # 12

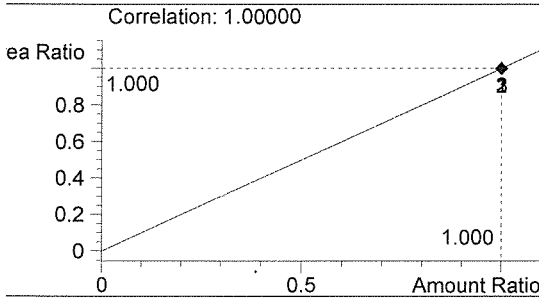


#	Compound	Area	RT
1	ETHANOL	617	1.095
2	n-PROPANOL	2720	1.758

Totals:



ETHANOL 0.049 g/100mL

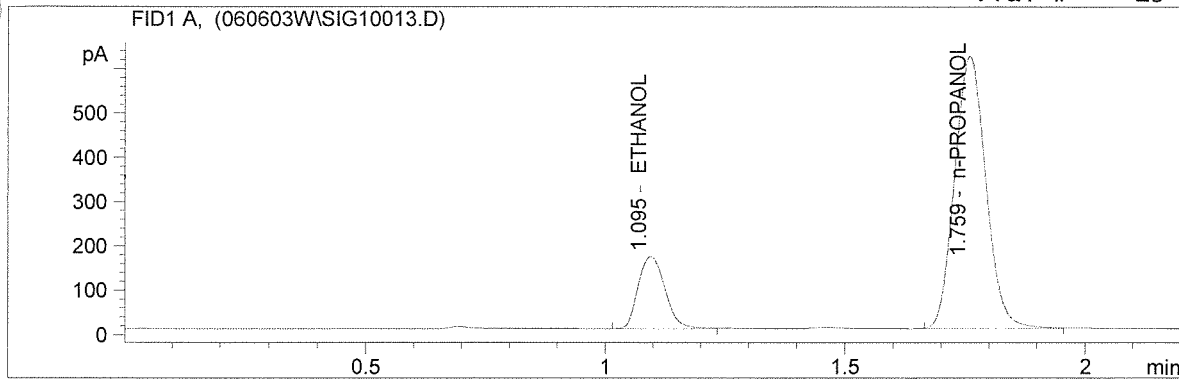


n-PROPANOL 1.000 g/100mL

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 7/6/03 3:16:53 PM
 Instrument 3
 ALC1

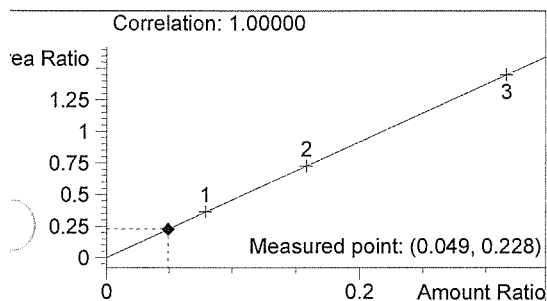
QA 03014 .04
 WP MARSHALL

vial # 13

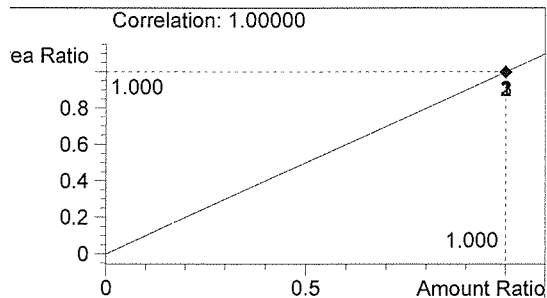


#	Compound	Area	RT
1	ETHANOL	638	1.095
2	n-PROPANOL	2797	1.759

Totals:



ETHANOL 0.049 g/100mL

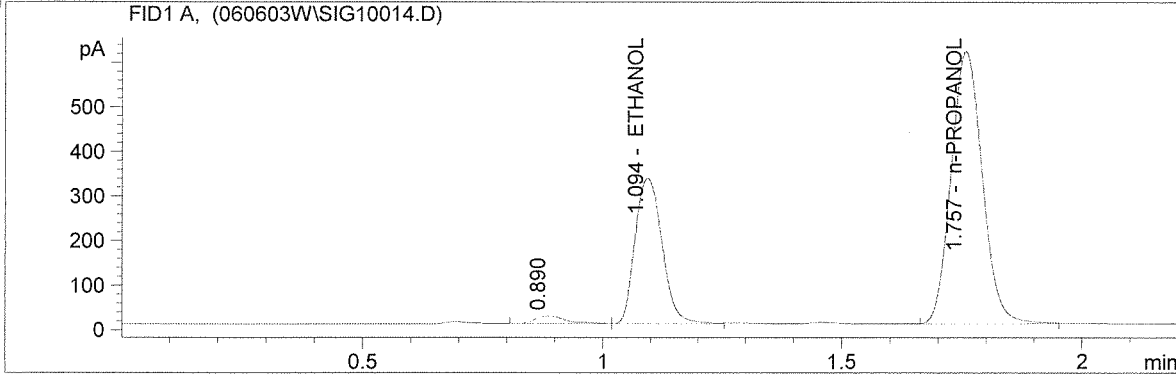


n-PROPANOL 1.000 g/100mL

:\HPCHEM\1\METHODS\BLDALCO3.M
 7/6/03 3:20:15 PM
 Instrument 3
 ALC1

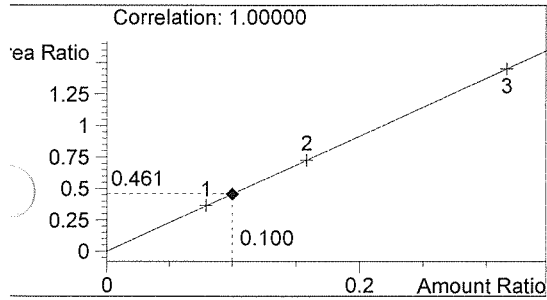
0.100 CONTROL
 WP MARSHALL

vial # 14

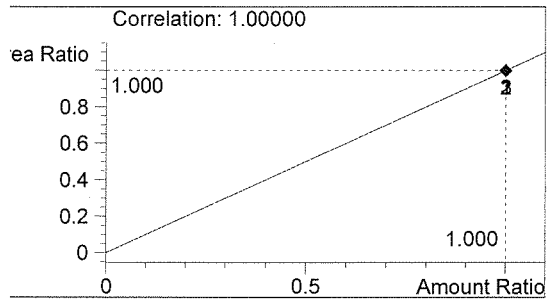


#	Compound	Area	RT
1		73	0.890
2	ETHANOL	1285	1.094
3	n-PROPANOL	2790	1.757

Totals:



ETHANOL 0.100 g/100mL

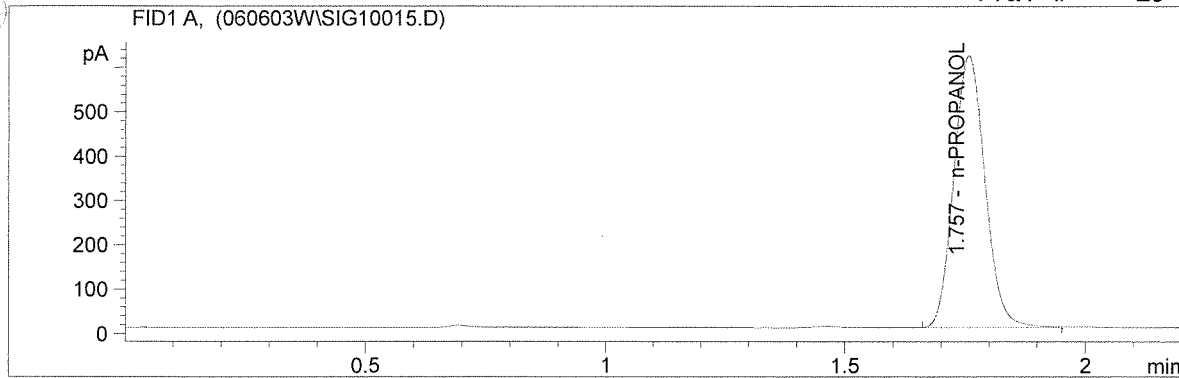


n-PROPANOL 1.000 g/100mL

:\HPCHEM\1\METHODS\BLDALCO3.M
 /6/03 3:23:38 PM
 Instrument 3
 ALC1

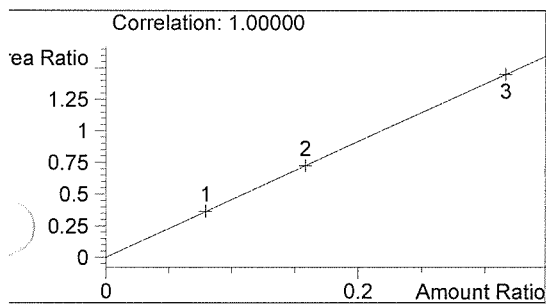
BLANK
 WP MARSHALL

vial # 15

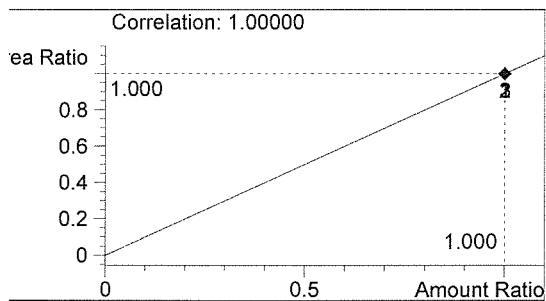


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2787	1.757

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

Sequence Parameters:

Operator: WP MARSHALL
 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: 060603W
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none
 Sequence Comment:

Sequence Table (Front Injector):

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	BLANK	BLDALCO3	1	Sample		
6	6	0.02 STD	BLDALCO3	1	Sample		
7	7	0.100 CONTROL	BLDALCO3	1	Ctrl Samp		
8	8	BLANK	BLDALCO3	1	Sample		
9	9	QA 03014 .04	BLDALCO3	1	Sample		
10	10	QA 03014 .04	BLDALCO3	1	Sample		
11	11	QA 03014 .04	BLDALCO3	1	Sample		
12	12	QA 03014 .04	BLDALCO3	1	Sample		
13	13	QA 03014 .04	BLDALCO3	1	Sample		
14	14	0.100 CONTROL	BLDALCO3	1	Ctrl Samp		
15	15	BLANK	BLDALCO3	1	Sample		
16	16	QA 03015 .08	BLDALCO3	1	Sample		
17	17	QA 03015 .08	BLDALCO3	1	Sample		
18	18	QA 03015 .08	BLDALCO3	1	Sample		
19	19	QA 03015 .08	BLDALCO3	1	Sample		
20	20	QA 03015 .08	BLDALCO3	1	Sample		
21	21	0.100 CONTROL	BLDALCO3	1	Ctrl Samp		
22	22	BLANK	BLDALCO3	1	Sample		
23	23	QA 03016 .10	BLDALCO3	1	Sample		
24	24	QA 03016 .10	BLDALCO3	1	Sample		
25	25	QA 03016 .10	BLDALCO3	1	Sample		
26	26	QA 03016 .10	BLDALCO3	1	Sample		
27	27	QA 03016 .10	BLDALCO3	1	Sample		
28	28	0.100 CONTROL	BLDALCO3	1	Ctrl Samp		
29	29	BLANK	BLDALCO3	1	Sample		
30	30	QA 03017 .15	BLDALCO3	1	Sample		
31	31	QA 03017 .15	BLDALCO3	1	Sample		
32	32	QA 03017 .15	BLDALCO3	1	Sample		
33	33	QA 03017 .15	BLDALCO3	1	Sample		
34	34	QA 03017 .15	BLDALCO3	1	Sample		

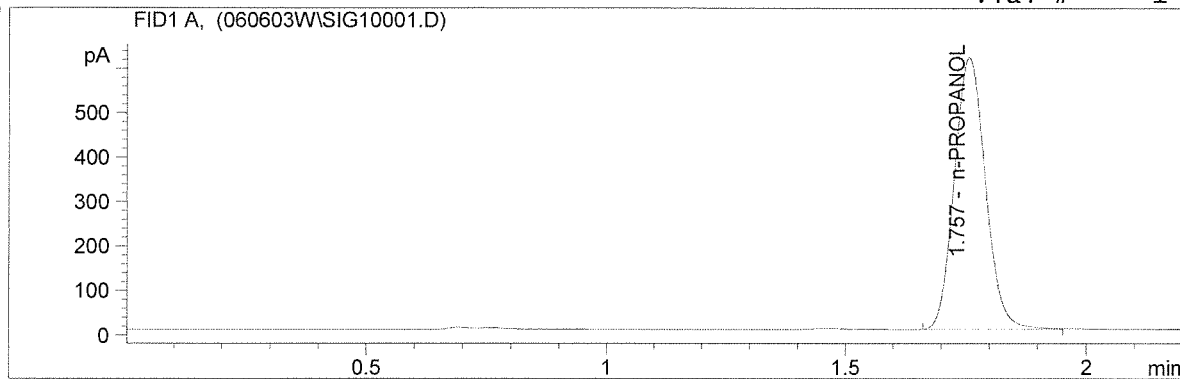
Sequence Table (Back Injector):

No entries - empty table!

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 7/6/03 2:36:17 PM
 Instrument 3
 ALC1

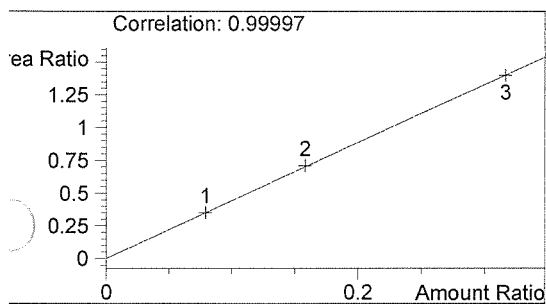
BLANK
 WP MARSHALL

vial # 1

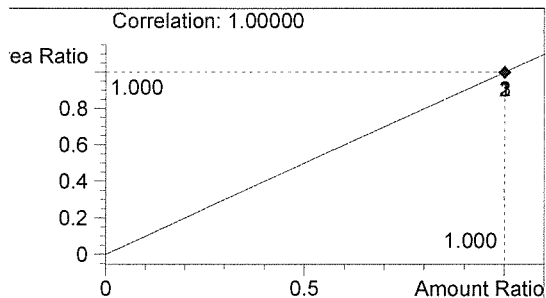


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2766	1.757

Totals:



ETHANOL 0.000 g/100mL

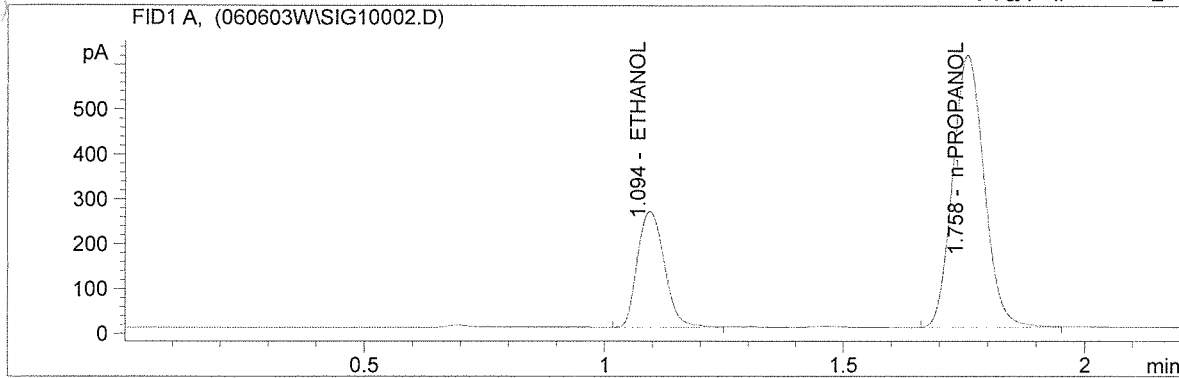


n-PROPANOL 1.000 g/100mL

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 7/6/03 2:39:40 PM
 Instrument 3
 ALC1

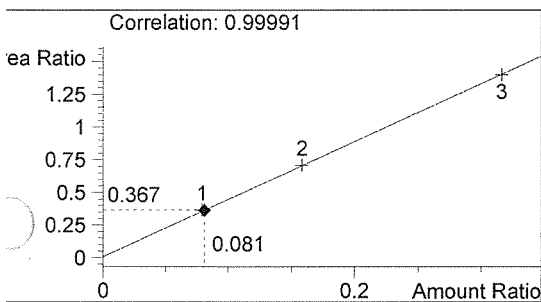
0.079 CAL
 WP MARSHALL

vial # 2

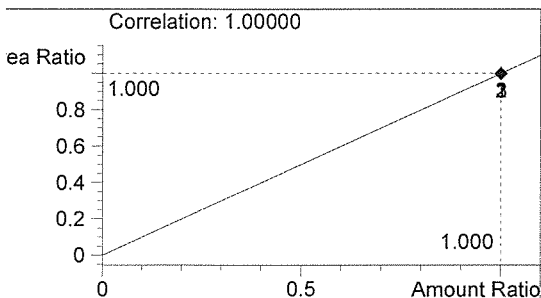


#	Compound	Area	RT
1	ETHANOL	1015	1.094
2	n-PROPANOL	2767	1.758

Totals:



ETHANOL 0.081 g/100mL

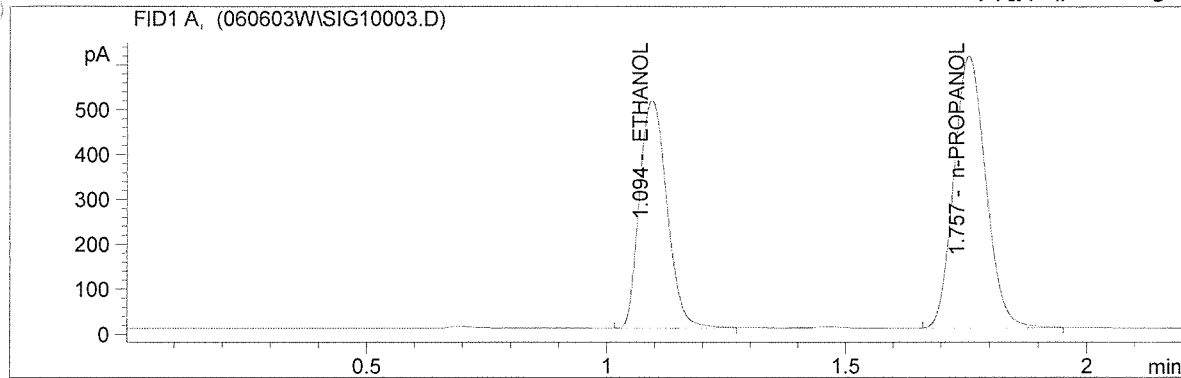


n-PROPANOL 1.000 g/100mL

\\HPCHEM\1\METHODS\BLDALCO3.M
 6/03 2:43:03 PM
 Instrument 3
 ALC1

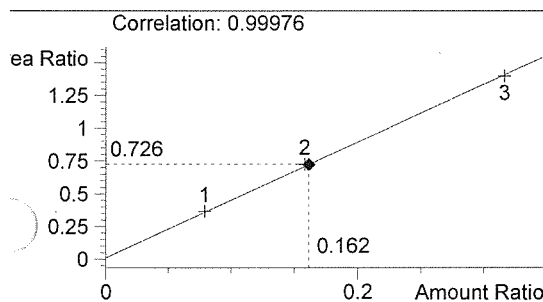
0.158 CAL
 WP MARSHALL

vial # 3

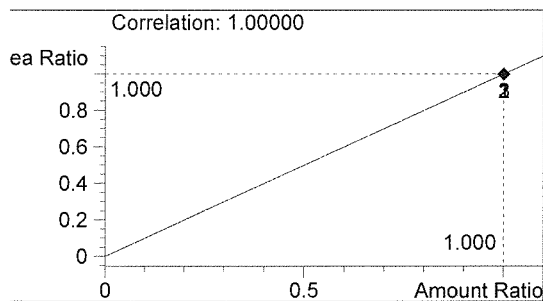


#	Compound	Area	RT
1	ETHANOL	2023	1.094
2	n-PROPANOL	2785	1.757

Totals:



ETHANOL 0.162 g/100mL

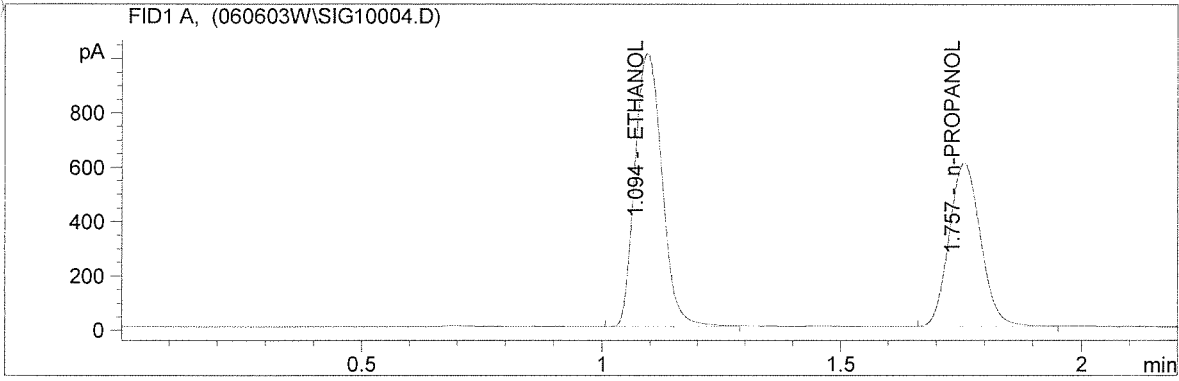


n-PROPANOL 1.000 g/100mL

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 6/03 2:46:25 PM
 Instrument 3
 ALC1

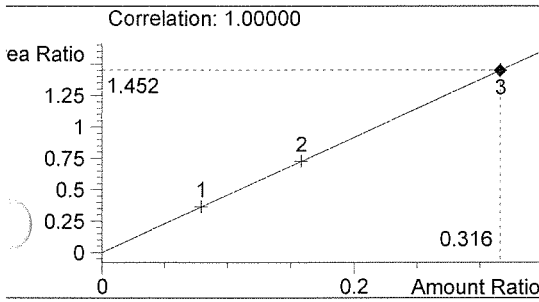
0.316 CAL
 WP MARSHALL

vial # 4

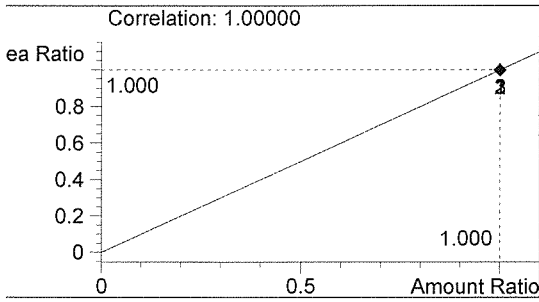


#	Compound	Area	RT
1	ETHANOL	3986	1.094
2	n-PROPANOL	2746	1.757

Totals:



ETHANOL 0.316 g/100mL

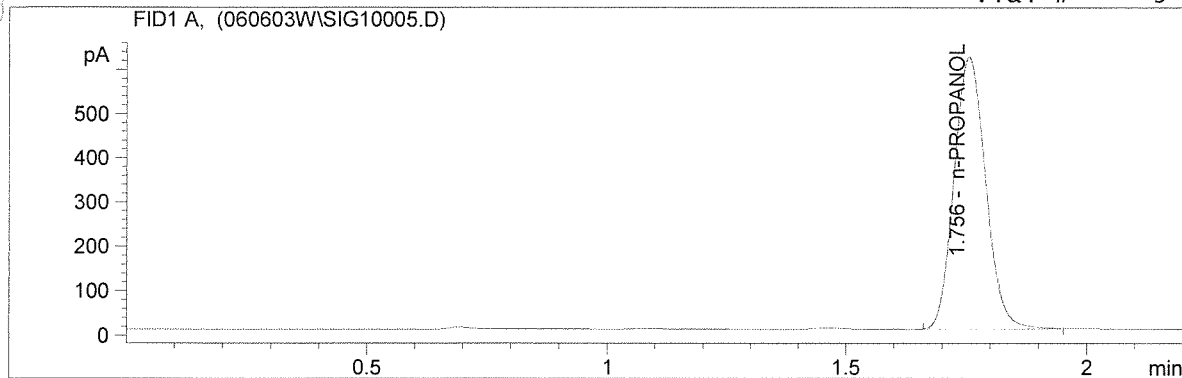


n-PROPANOL 1.000 g/100mL

\\HPCHEM\1\METHODS\BLDALCO3.M
 6/03 2:49:51 PM
 Instrument 3
 ALC1

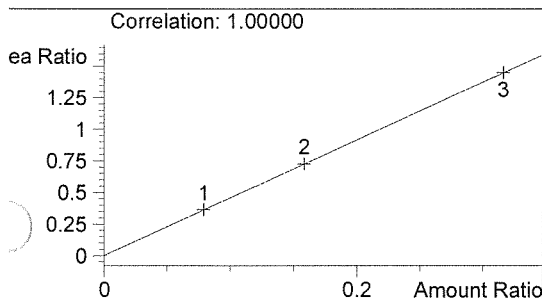
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 WP MARSHALL

vial # 5

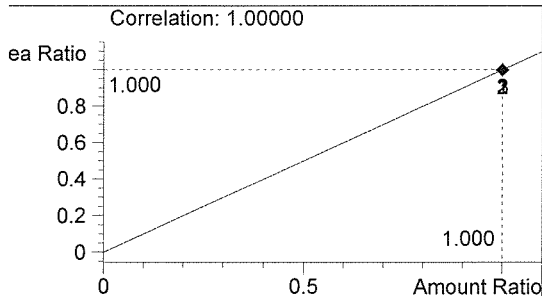


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2817	1.756

Totals:



ETHANOL 0.000 g/100mL

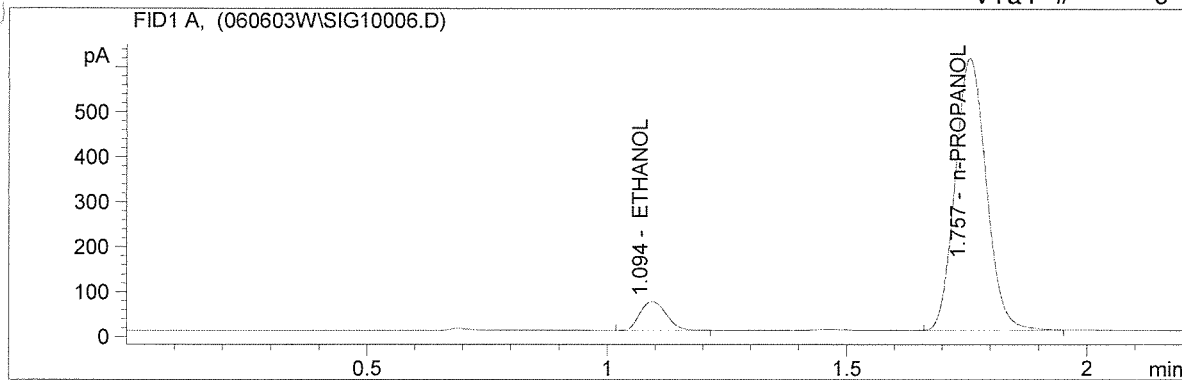


n-PROPANOL 1.000 g/100mL

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 6/03 2:53:14 PM
 Instrument 3
 ALC1

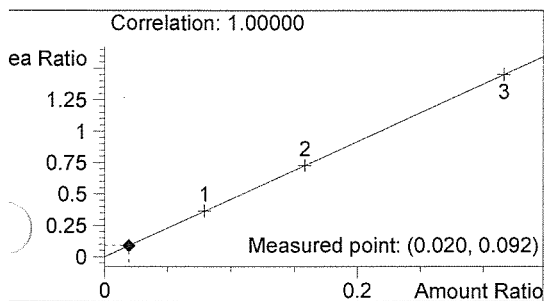
0.02 STD
 WP MARSHALL

vial # 6

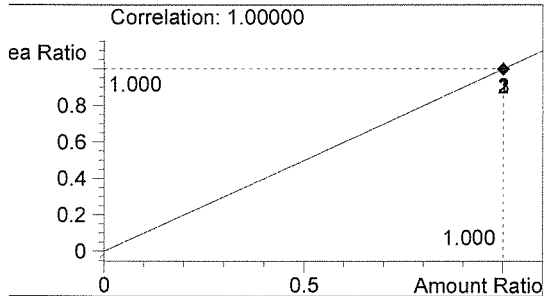


#	Compound	Area	RT
1	ETHANOL	253	1.094
2	n-PROPANOL	2760	1.757

Totals:



ETHANOL 0.020 g/100mL

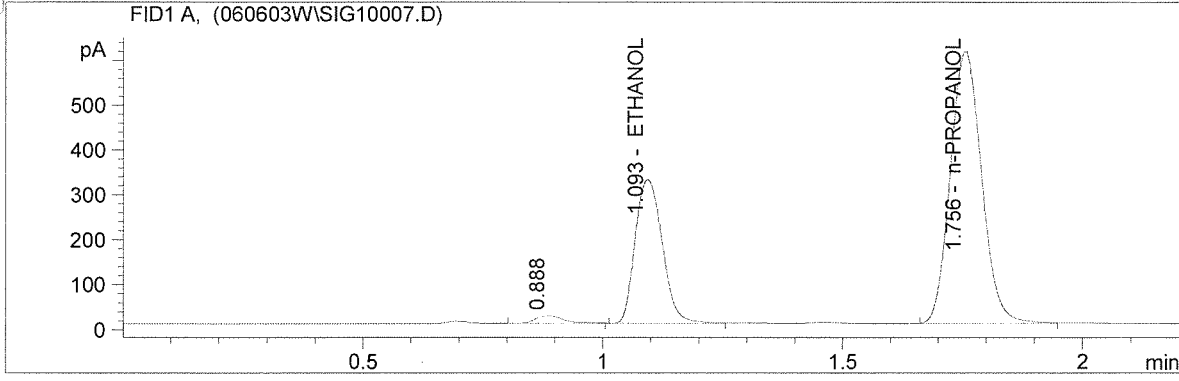


n-PROPANOL 1.000 g/100mL

\HPCHEM\1\METHODS\BLDALCO3.M
 6/03 2:56:37 PM
 Instrument 3
 ALC1

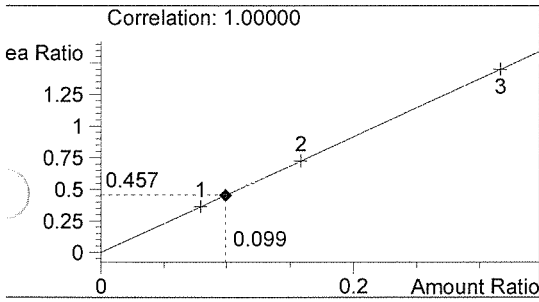
0.100 CONTROL
 WP MARSHALL

vial # 7

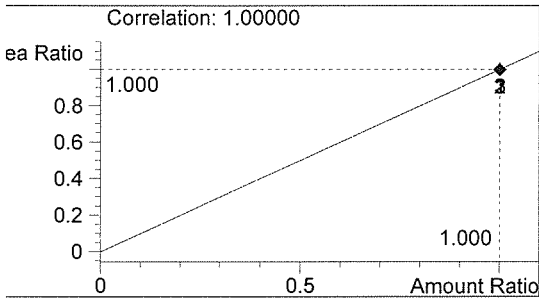


#	Compound	Area	RT
1		70	0.888
2	ETHANOL	1261	1.093
3	n-PROPANOL	2760	1.756

Totals:



ETHANOL 0.099 g/100mL

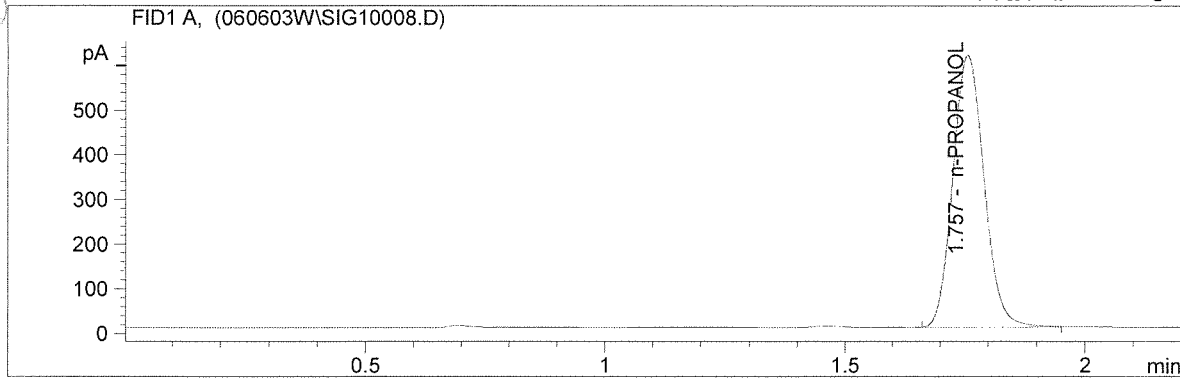


n-PROPANOL 1.000 g/100mL

\\HPCHEM\1\METHODS\BLDALCO3.M
 6/03 2:59:59 PM
 Instrument 3
 ALC1

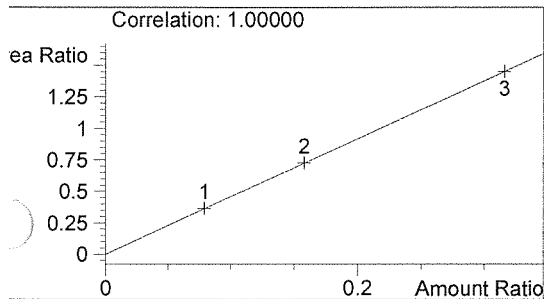
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 WP MARSHALL

vial # 8

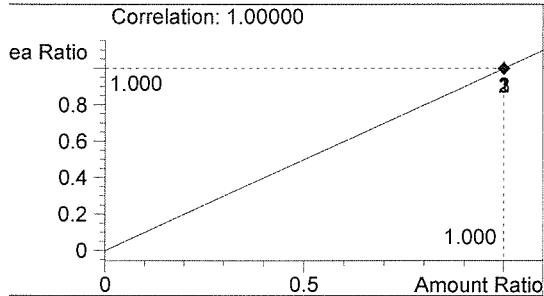


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2778	1.757

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL

\\HPCHEM\1\METHODS\BLDALCO.M

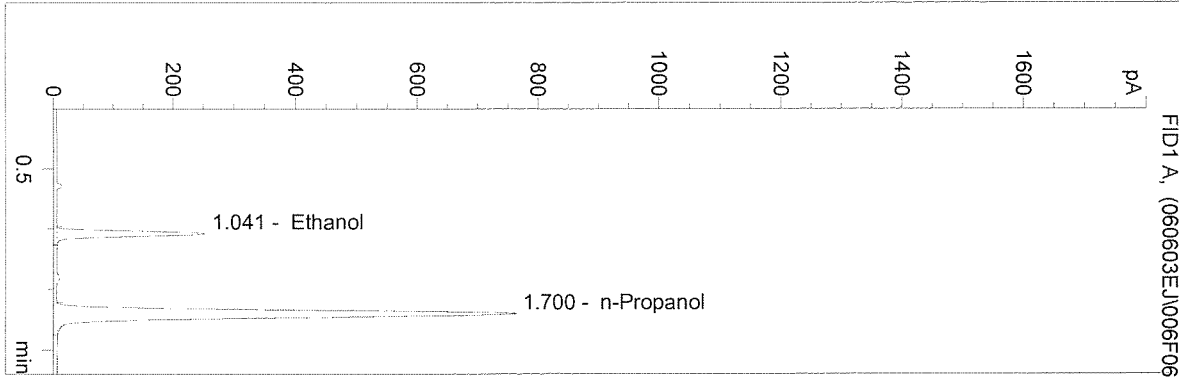
6/03 2:38:10 PM

Instrument 1

ALC1

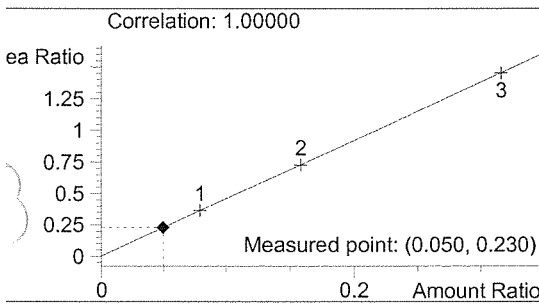
Q.C. 03014
Estuardo J. Miranda

vial # 6

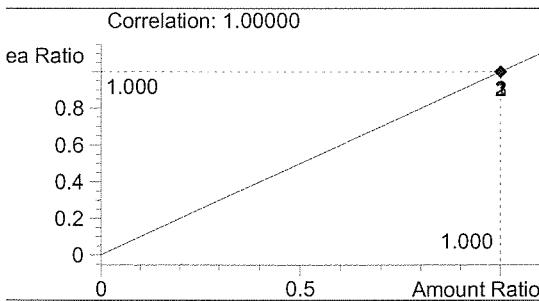


#	Compound	Area	RT
1	Ethanol	727	1.041
2	n-Propanol	3165	1.700

Totals:



Ethanol 0.050 g/100ml

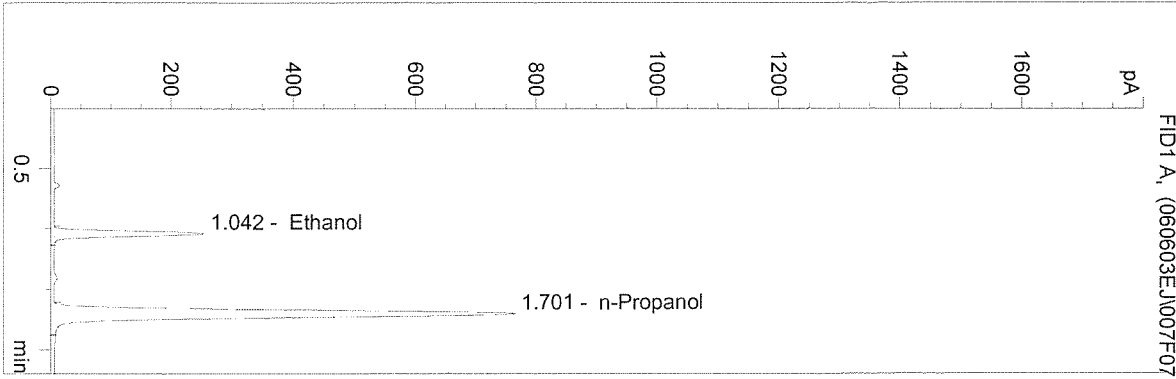


n-Propanol 1.000 g/100ml

\\HPCHEM\1\METHODS\BLDALCO.M
 6/03 2:41:12 PM
 Instrument 1
 ALC1

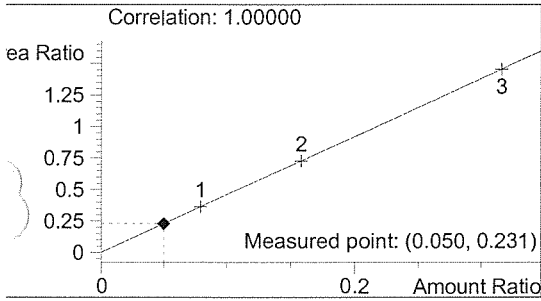
Q.C. 03014
 Estuardo J. Miranda

vial # 7

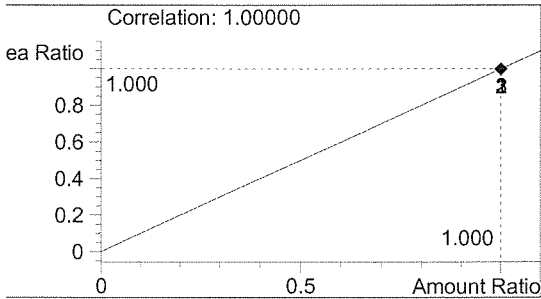


#	Compound	Area	RT
1	Ethanol	731	1.042
2	n-Propanol	3166	1.701

Totals:



Ethanol 0.050 g/100ml

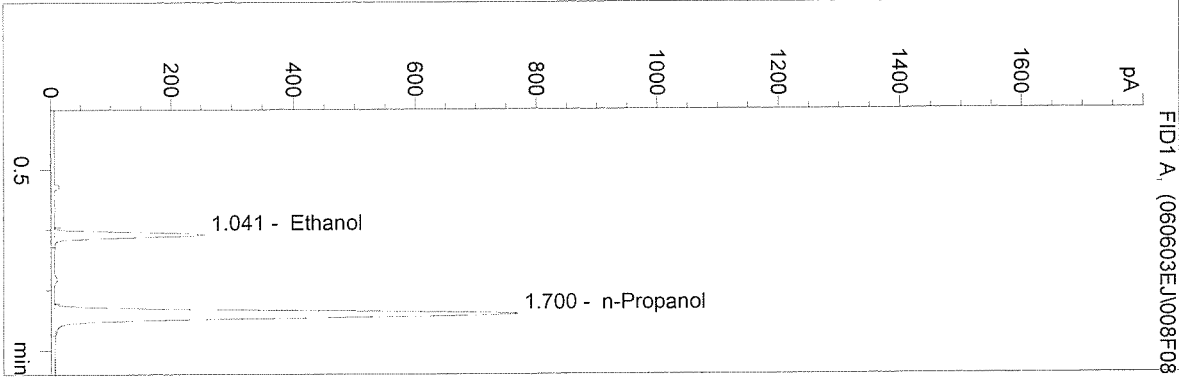


n-Propanol 1.000 g/100ml

\HPCHEM\1\METHODS\BLDALCO.M
 6/03 2:44:14 PM
 Instrument 1
 ALC1

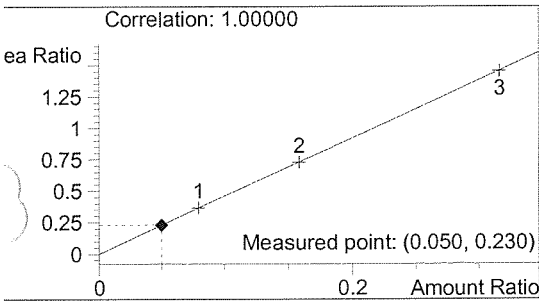
Q.C. 03014
 Estuardo J. Miranda

vial # 8

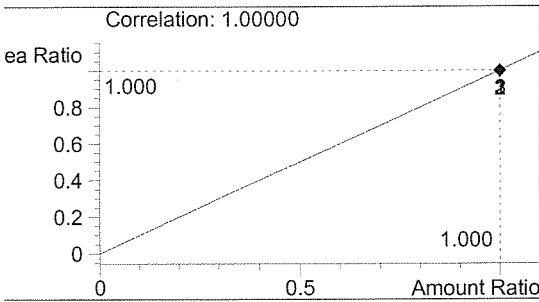


#	Compound	Area	RT
1	Ethanol	734	1.041
2	n-Propanol	3185	1.700

Totals:



Ethanol 0.050 g/100ml

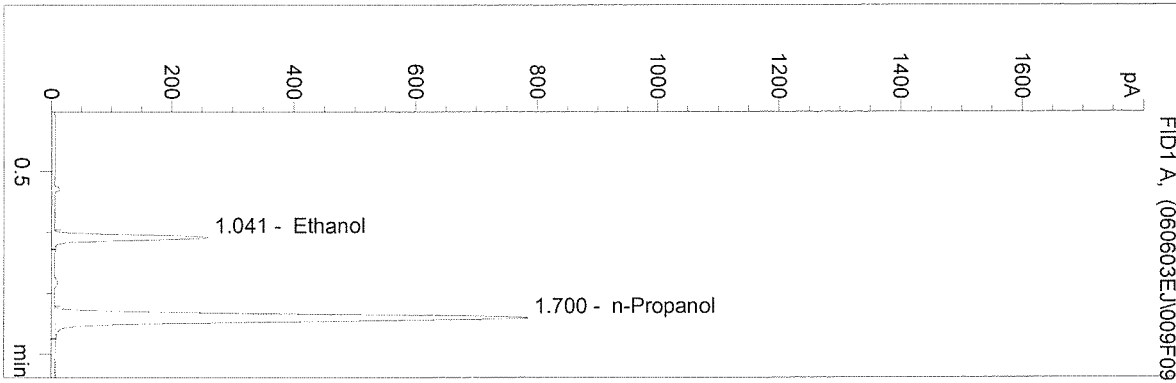


n-Propanol 1.000 g/100ml

\\HPCHEM\1\METHODS\BLDALCO.M
 6/03 2:47:36 PM
 Instrument 1
 ALC1

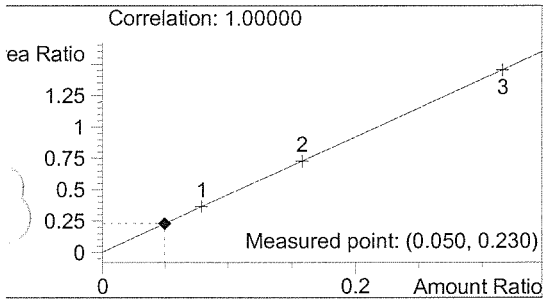
Q.C. 03014
 Estuardo J. Miranda

vial # 9

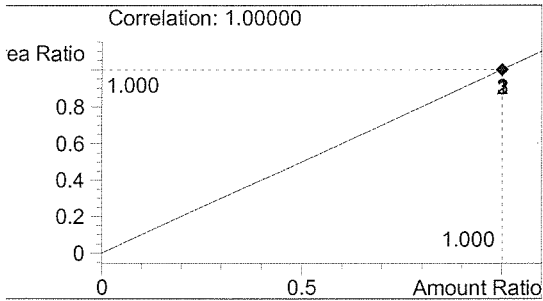


#	Compound	Area	RT
1	Ethanol	748	1.041
2	n-Propanol	3250	1.700

Totals:



Ethanol 0.050 g/100ml

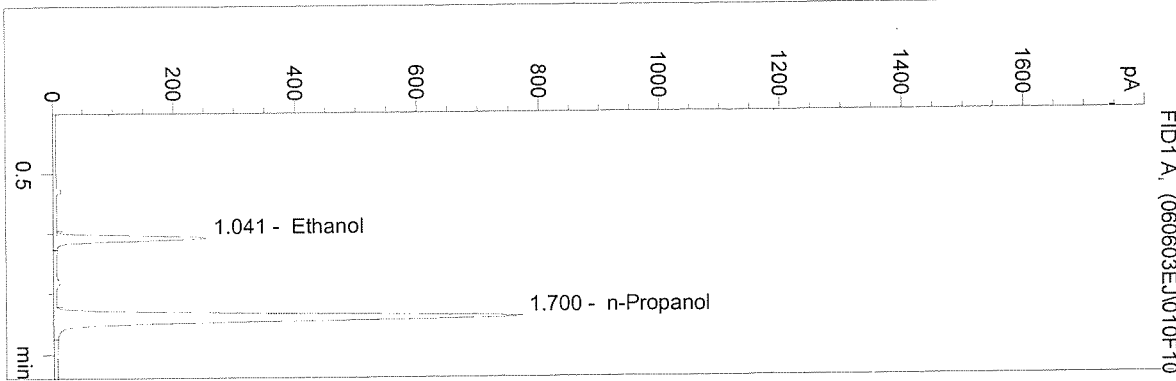


n-Propanol 1.000 g/100ml

\HPCHEM\1\METHODS\BLDALCO.M
 6/03 2:50:38 PM
 Instrument 1
 ALC1

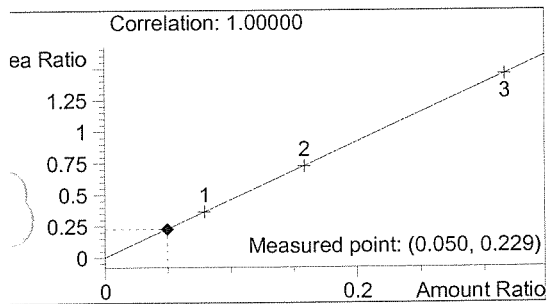
Q.C. 03014
 Estuardo J. Miranda

vial # 10

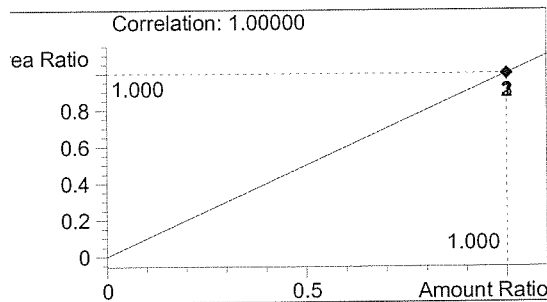


#	Compound	Area	RT
1	Ethanol	733	1.041
2	n-Propanol	3203	1.700

Totals:



Ethanol 0.050 g/100ml

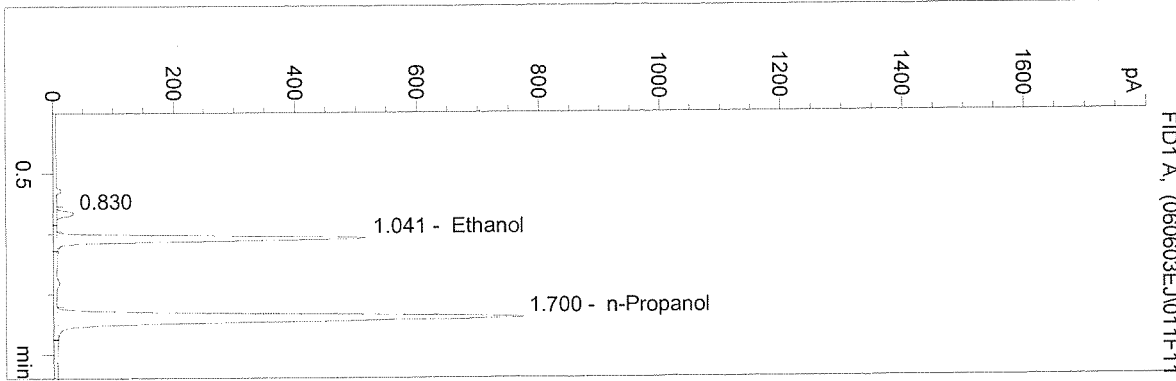


n-Propanol 1.000 g/100ml

\HPCHEM\1\METHODS\BLDALCO.M
 6/03 2:53:40 PM
 Instrument 1
 ALC1

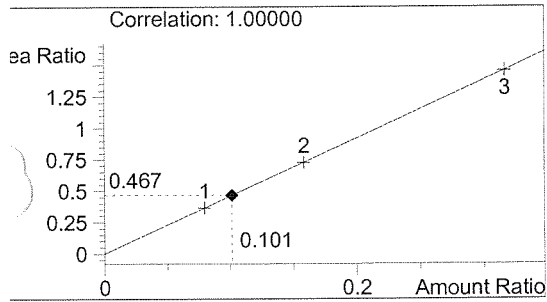
0.100 Control
 Estuardo J. Miranda

vial # 11

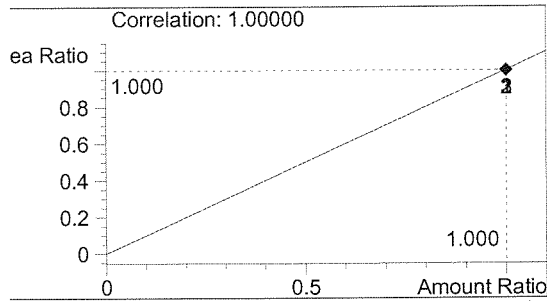


#	Compound	Area	RT
1		81	0.830
2	Ethanol	1489	1.041
3	n-Propanol	3188	1.700

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

\HPCHEM\1\METHODS\BLDALCO.M

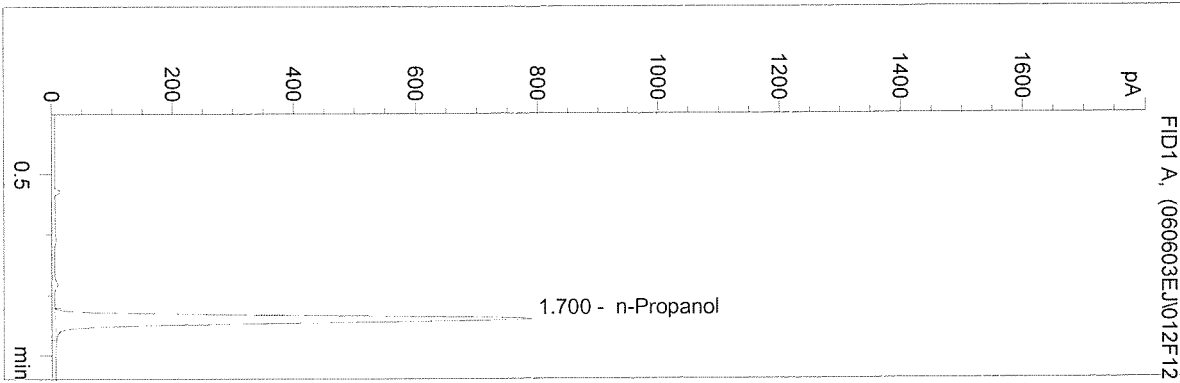
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Instrument 1

ALC1

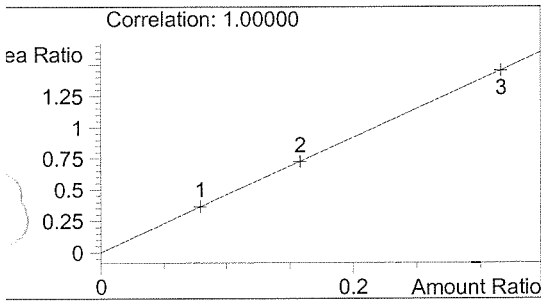
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Estuardo J. Miranda

vial # 12

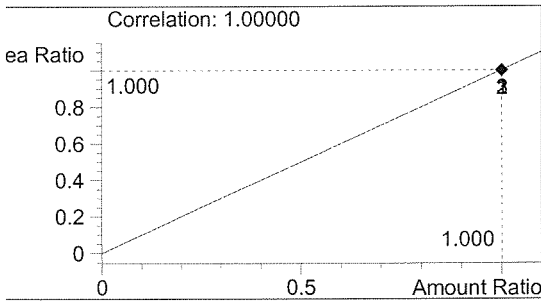


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3274	1.700

Totals:



Ethanol 0.000 g/100ml

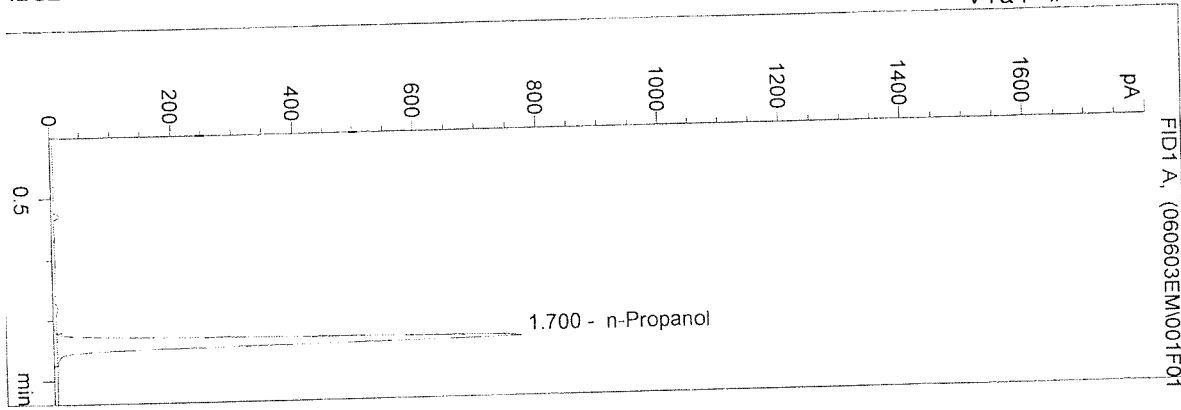


n-Propanol 1.000 g/100ml

IPCHEM\1\METHODS\BLDALCO.M
 '03 9:48:50 AM
 Instrument 1
 ALC1

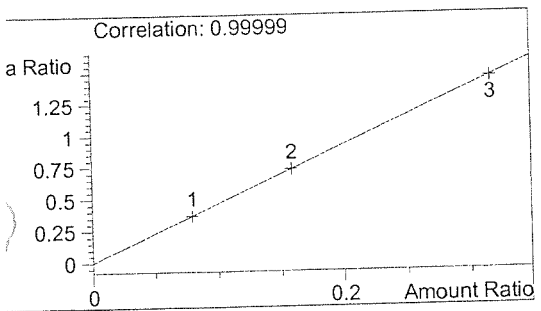
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 Estuardo J. Miranda

vial # 1

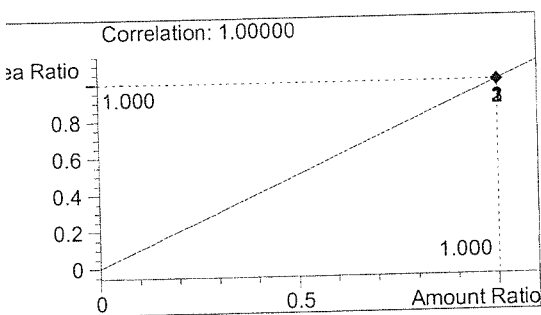


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3195	1.700

Totals:



Ethanol 0.000 g/100ml

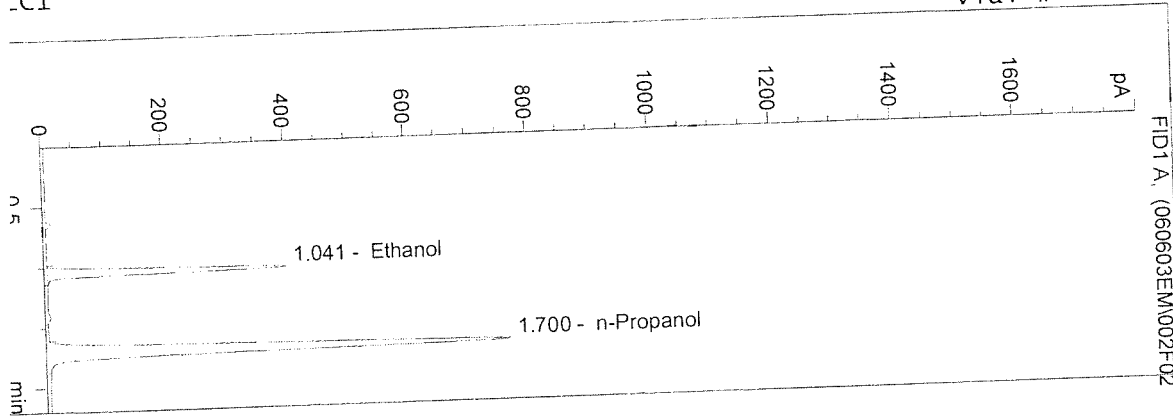


n-Propanol 1.000 g/100ml

\\CHEM\1\METHODS\BLDALCO.M
 03 9:51:52 AM
 Document 1
 .C1

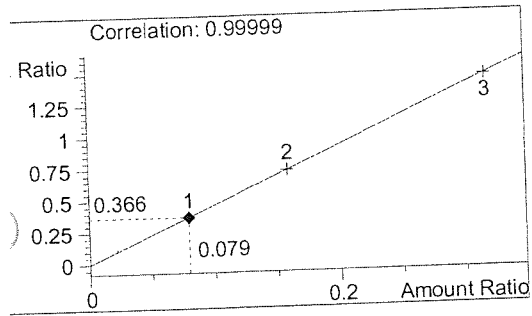
0.079 calibrator
 Estuardo J. Miranda

vial # 2

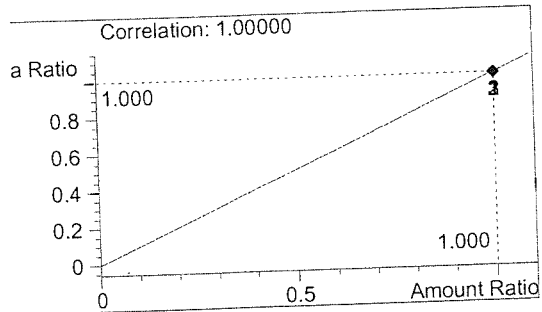


#	Compound	Area	RT
1	Ethanol	1166	1.041
2	n-Propanol	3188	1.700

Totals:



Ethanol 0.079 g/100ml

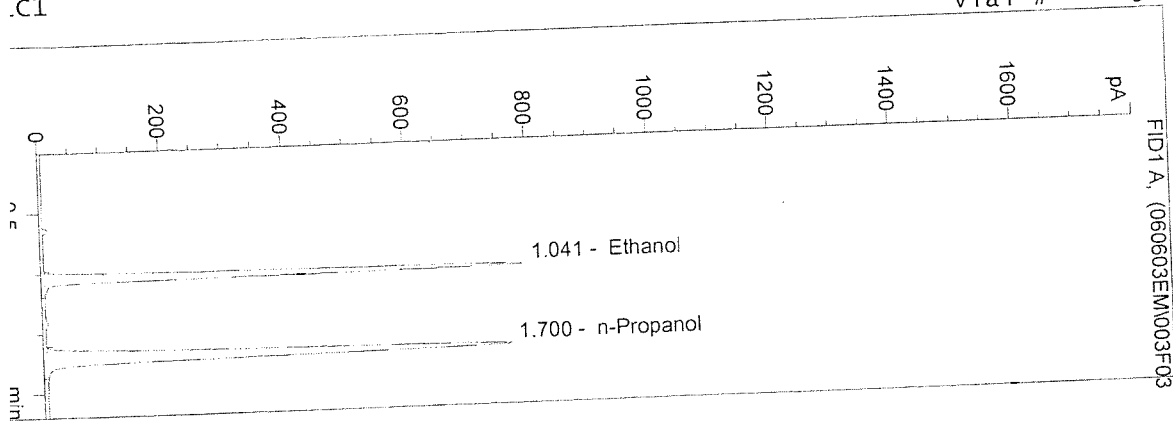


n-Propanol 1.000 g/100ml

CHEM\1\METHODS\BLDALCO.M
 13 9:54:54 AM
 Document 1
 .C1

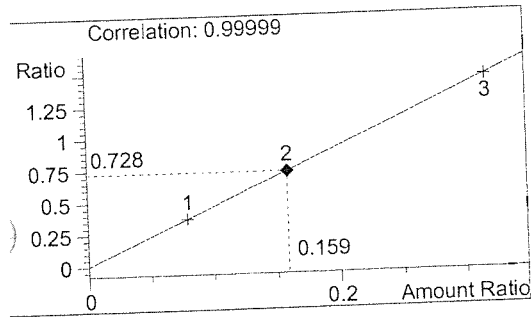
0.158 calibrator
 Estuardo J. Miranda

vial # 3

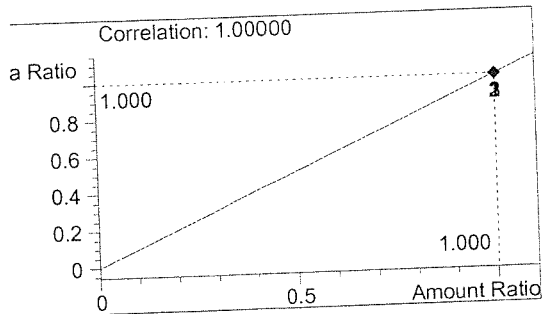


#	Compound	Area	RT
1	Ethanol	2329	1.041
2	n-Propanol	3199	1.700

Totals:



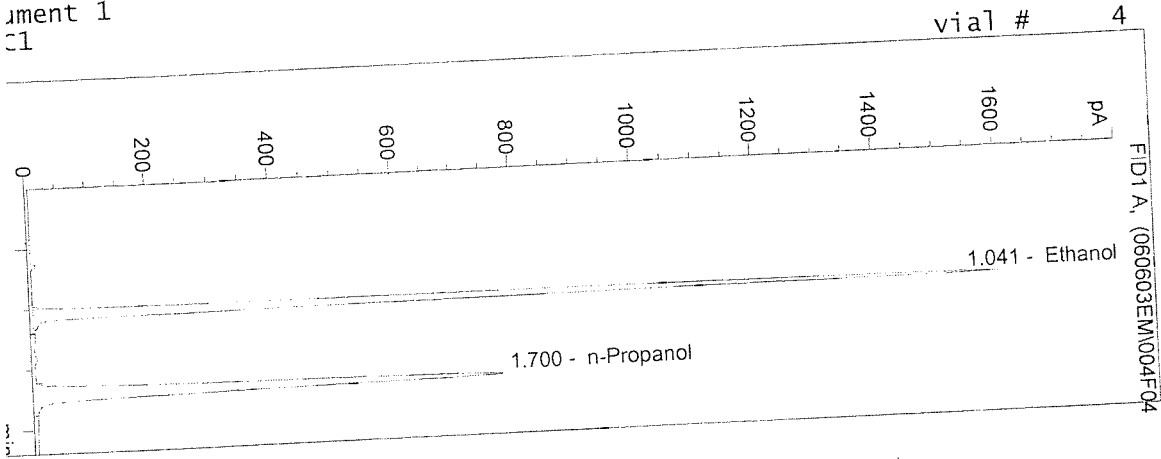
Ethanol 0.159 g/100ml



n-Propanol 1.000 g/100ml

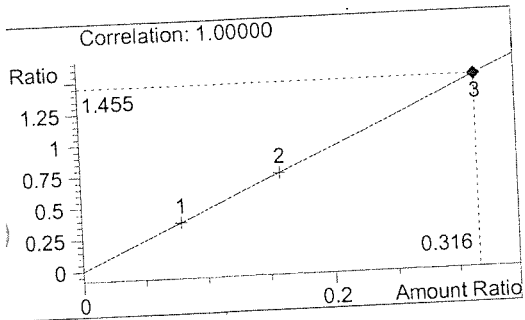
0.316 calibrator
Estuardo J. Miranda

\\CHEM\1\METHODS\BLDALCO.M
9:57:56 AM
Experiment 1
1

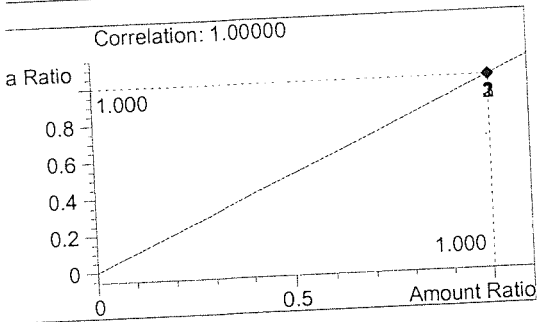


#	Compound	Area	RT
1	Ethanol	4698	1.041
2	n-Propanol	3229	1.700

Totals:



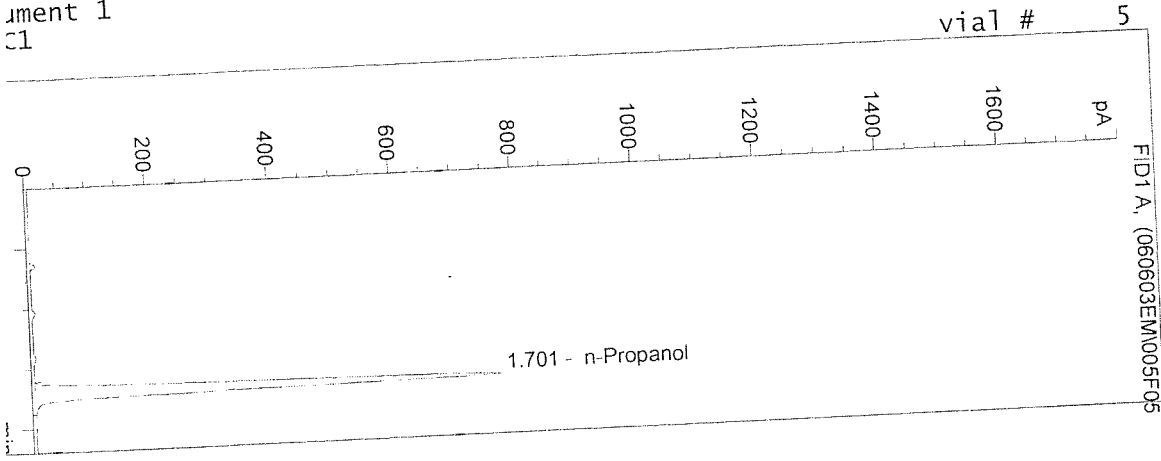
Ethanol 0.316 g/100ml



n-Propanol 1.000 g/100ml

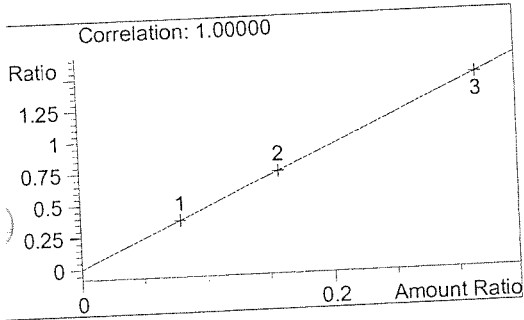
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 } 10:01:21 AM
 Experiment 1
 01

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 Estuardo J. Miranda

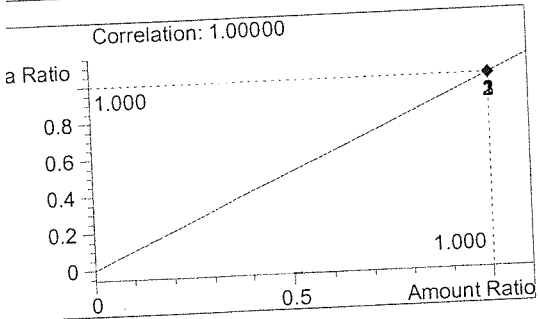


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3209	1.701

Totals:



Ethanol 0.000 g/100ml



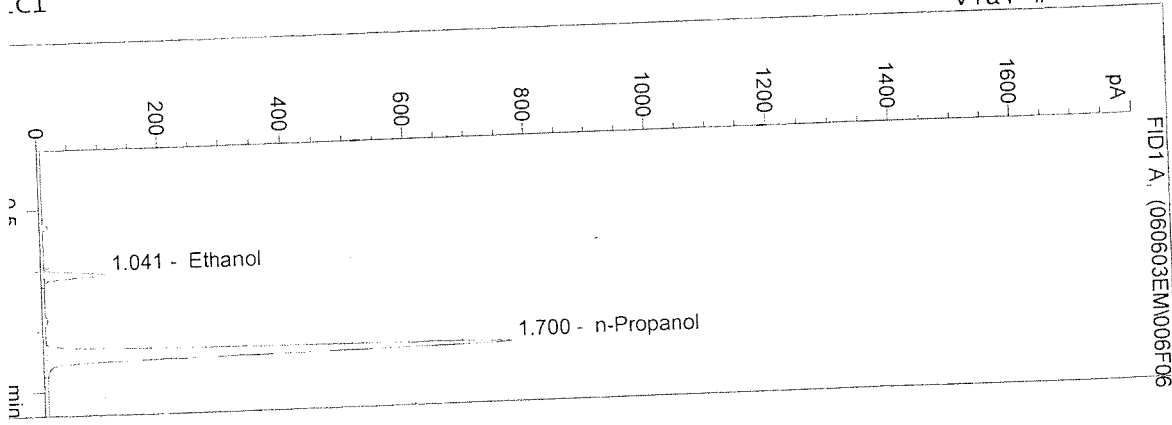
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

CHEM\1\METHODS\BLDALCO.M
 13 10:04:22 AM
 Document 1
 .C1

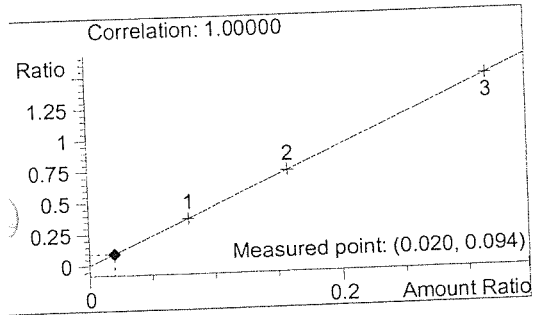
0.02
 Estuardo J. Miranda

vial # 6

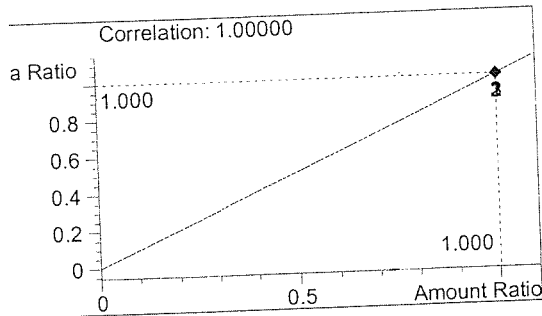


#	Compound	Area	RT
1	Ethanol	300	1.041
2	n-Propanol	3193	1.700

Totals:



Ethanol 0.020 g/100ml



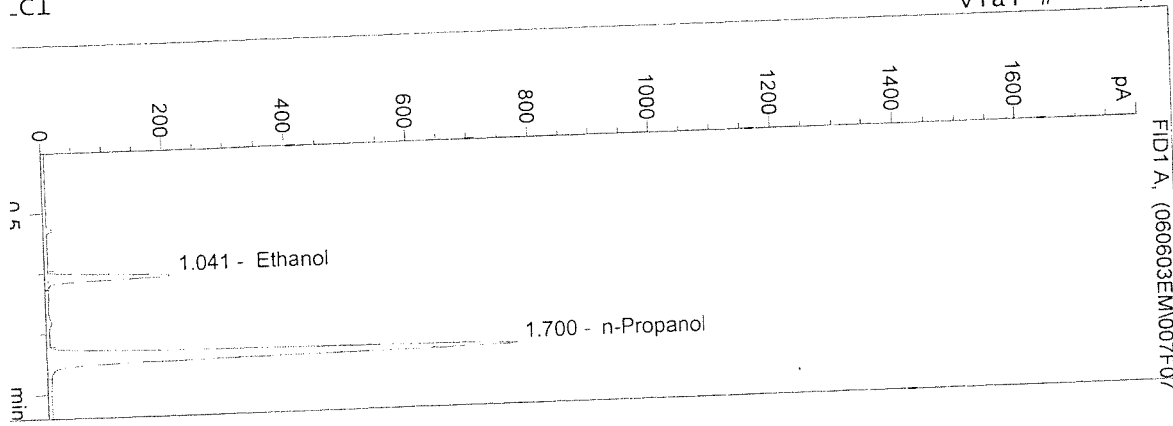
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\\CHEM\1\METHODS\BLDALCO.M
 03 10:07:25 AM
 Document 1
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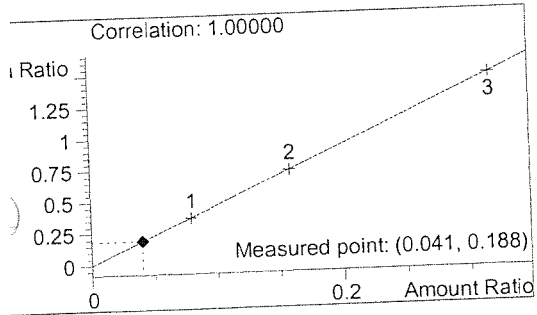
0.040 CAP
 Estuardo J. Miranda

vial # 7

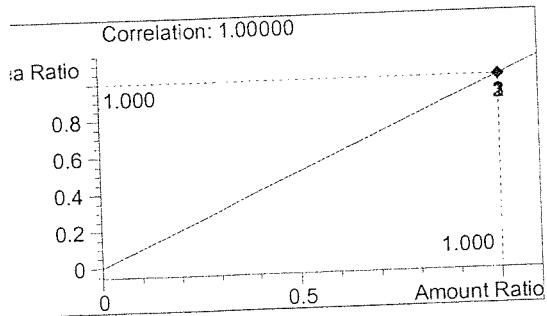


#	Compound	Area	RT
1	Ethanol	602	1.041
2	n-Propanol	3206	1.700

Totals:



Ethanol 0.041 g/100ml



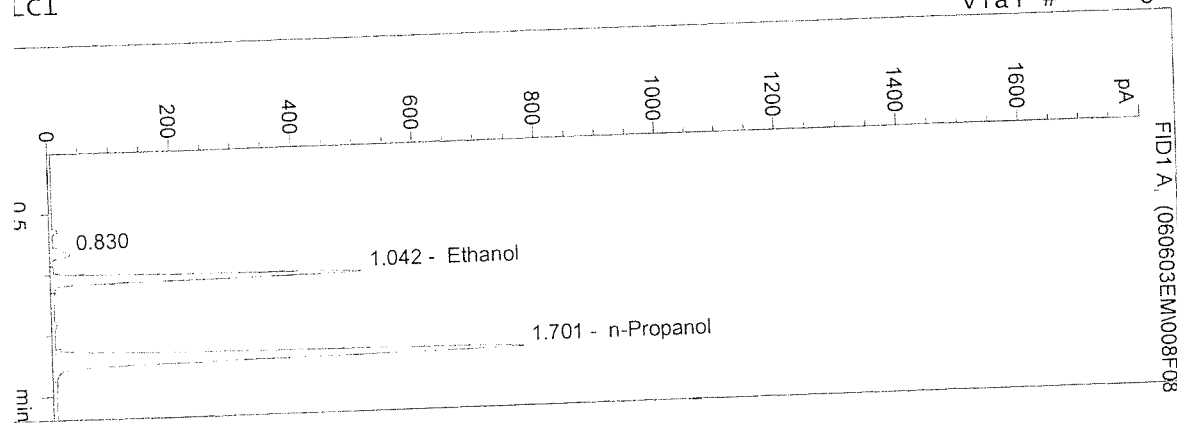
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

P:\CHEM\1\METHODS\BLDALCO.M
 03 10:10:27 AM
 Experiment 1
 LC1

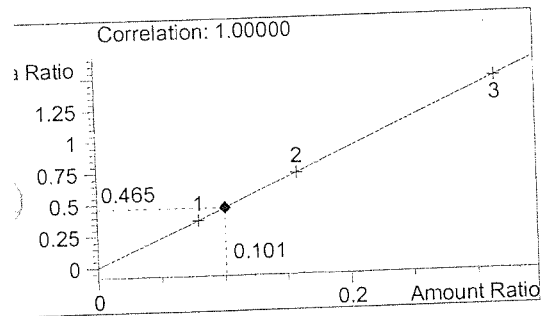
0.100 Control
 Estuardo J. Miranda

vial # 8

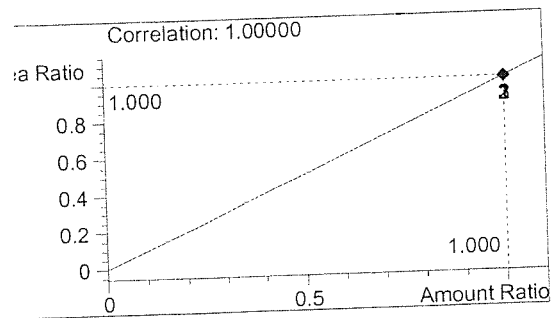


#	Compound	Area	RT
1		81	0.830
2	Ethanol	1491	1.042
3	n-Propanol	3207	1.701

Totals:



Ethanol 0.101 g/100ml



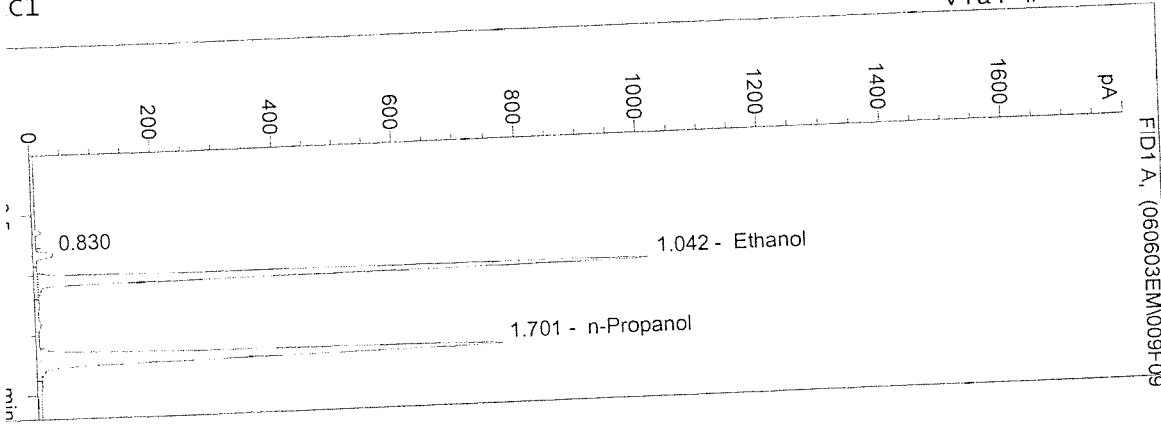
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

CHEM\1\METHODS\BLDALCO.M
 3 10:13:50 AM
 ument 1
 C1

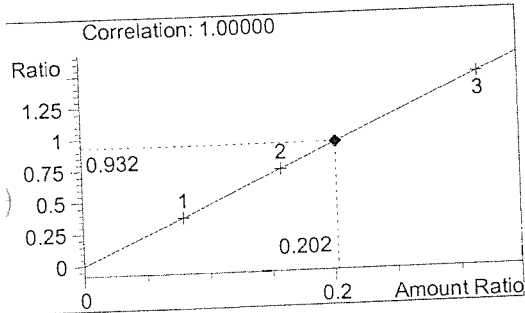
0.200 Control
 Estuardo J. Miranda

vial # 9

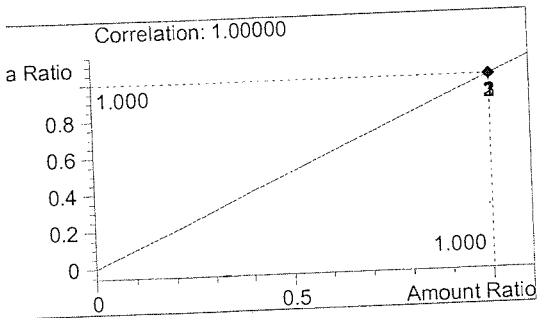


#	Compound	Area	RT
1		83	0.830
2	Ethanol	2976	1.042
3	n-Propanol	3194	1.701

Totals:



Ethanol 0.202 g/100ml

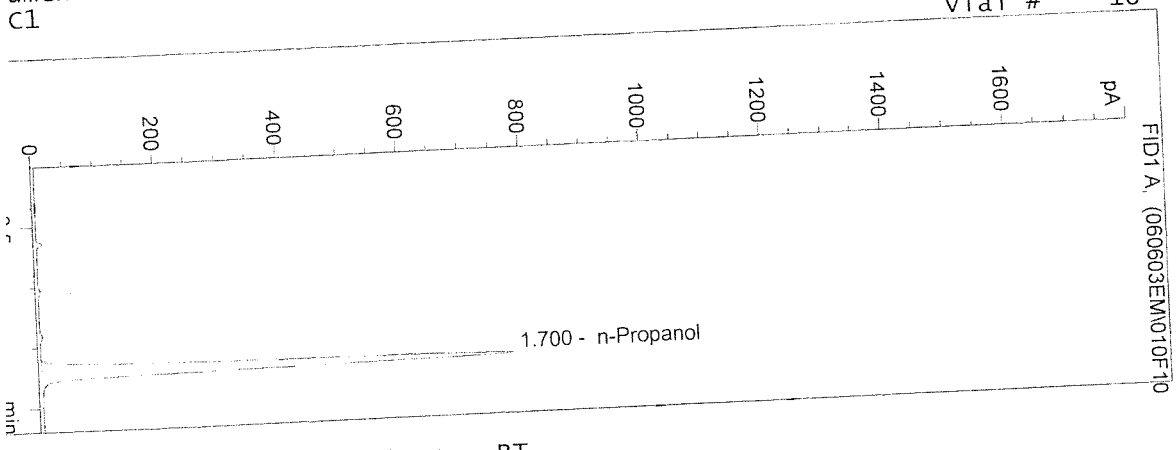


n-Propanol 1.000 g/100ml

CHEM\1\METHODS\BLDALCO.M
 3 10:16:52 AM
 ument 1
 C1

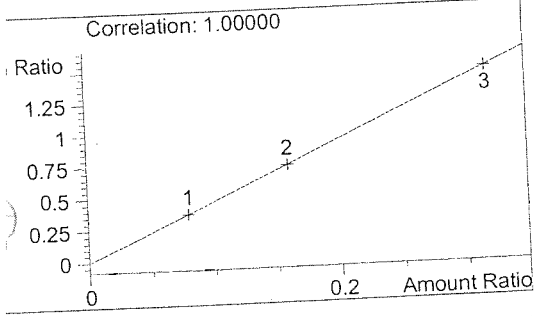
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 Estuardo J. Miranda

vial # 10

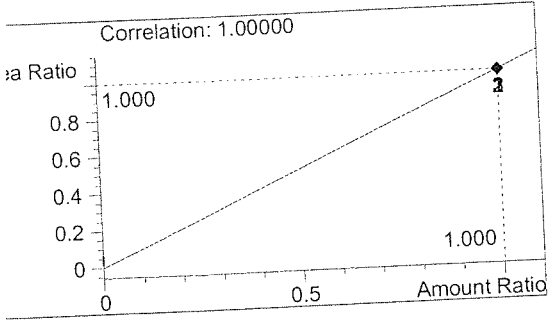


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3227	1.700

Totals:



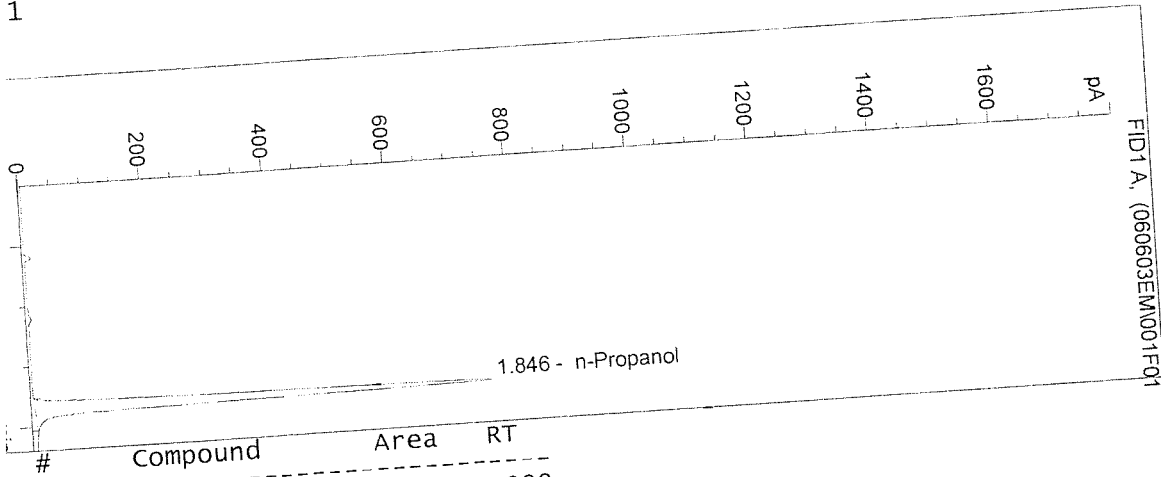
Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

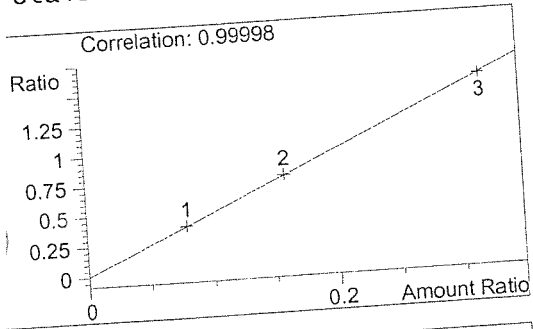
HEM\2\METHODS\BLDALCO2.M
9:49:26 AM
ment 2
1

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Estuardo J. Miranda
vial # 1

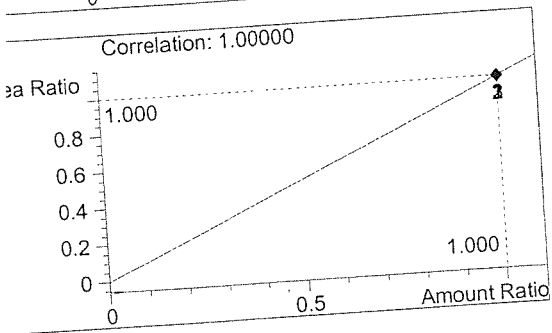


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2913	1.846

Totals:



Ethanol 0.000 g/100ml

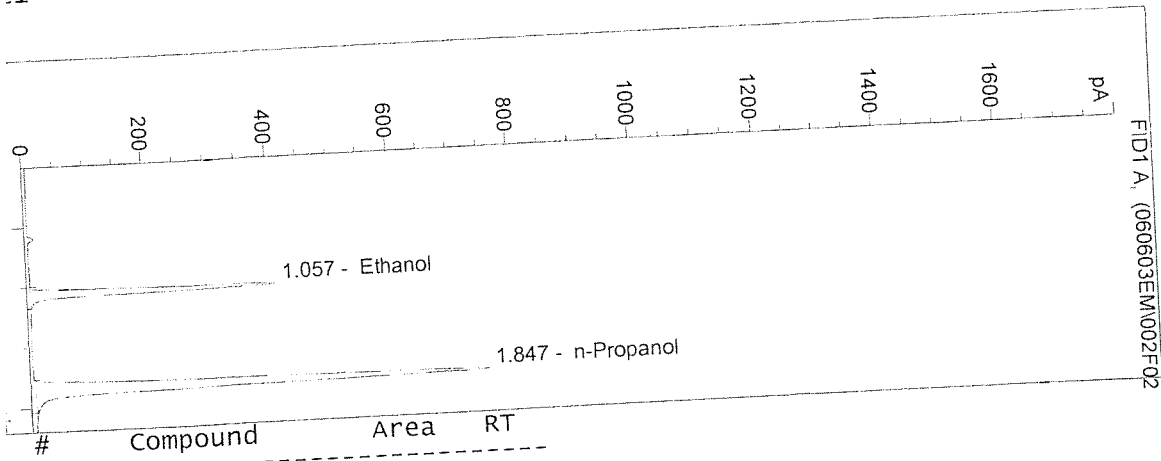


n-Propanol 1.000 g/100ml

HEM\2\METHODS\BLDALCO2.M
 9:52:28 AM
 Experiment 2
 1

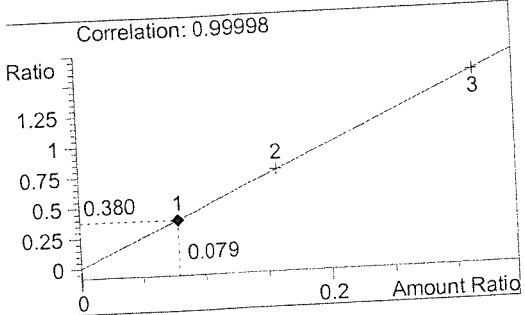
0.079 calibrator
 Estuardo J. Miranda

vial # 2

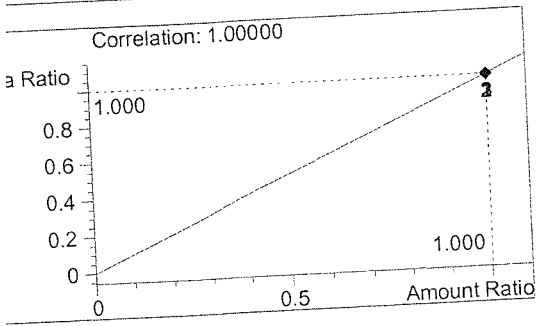


#	Compound	Area	RT
1	Ethanol	1108	1.057
2	n-Propanol	2915	1.847

totals:



Ethanol 0.079 g/100ml



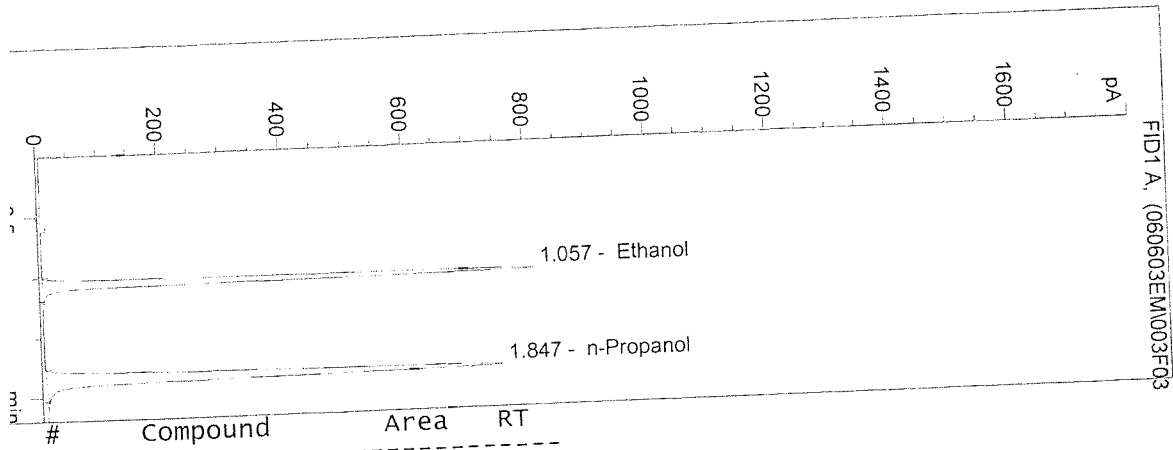
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

CHEM\2\METHODS\BLDALCO2.M
 3 9:55:30 AM
 ument 2
 C1

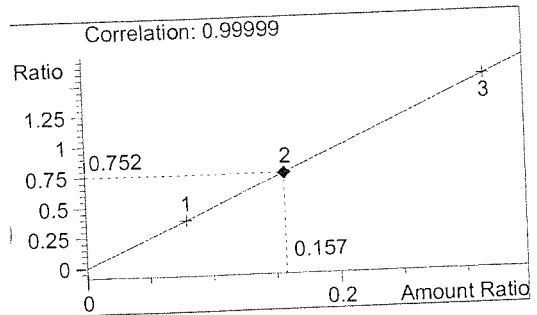
0.158 Calibrator
 Estuardo J. Miranda

vial # 3

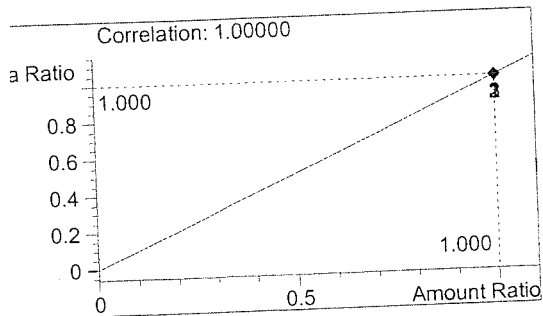


#	Compound	Area	RT
1	Ethanol	2190	1.057
2	n-Propanol	2910	1.847

Totals:



Ethanol 0.157 g/100ml

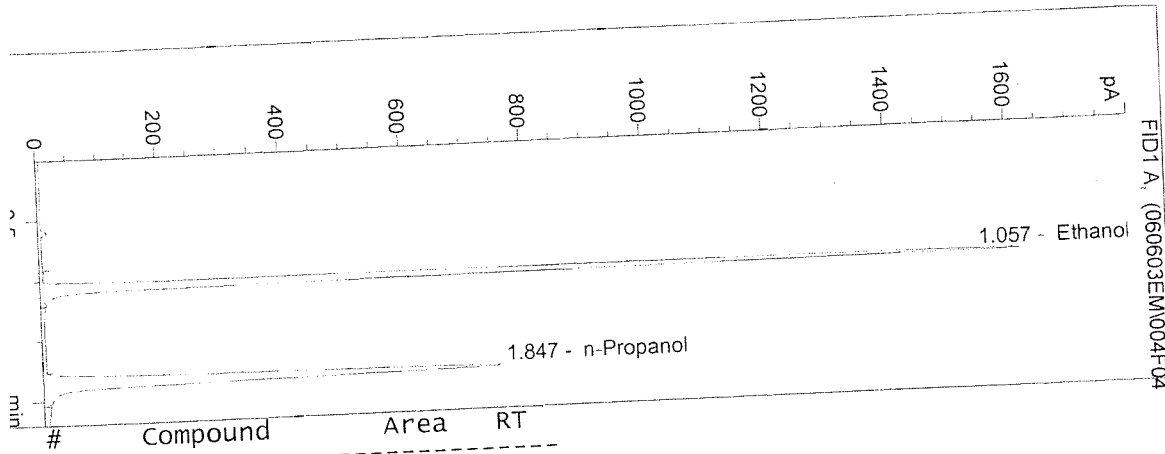


n-Propanol 1.000 g/100ml

CHEM\2\METHODS\BLDALCO2.M
 3 9:58:32 AM
 ument 2
 C1

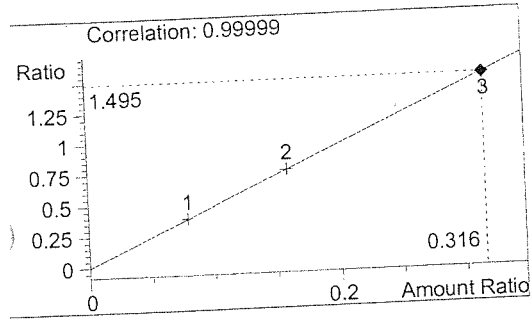
0.316 Calibrator
 Estuardo J. Miranda

vial # 4

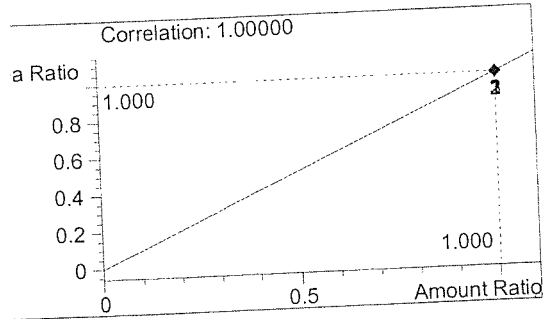


#	Compound	Area	RT
1	Ethanol	4351	1.057
2	n-Propanol	2909	1.847

Totals:



Ethanol 0.316 g/100ml

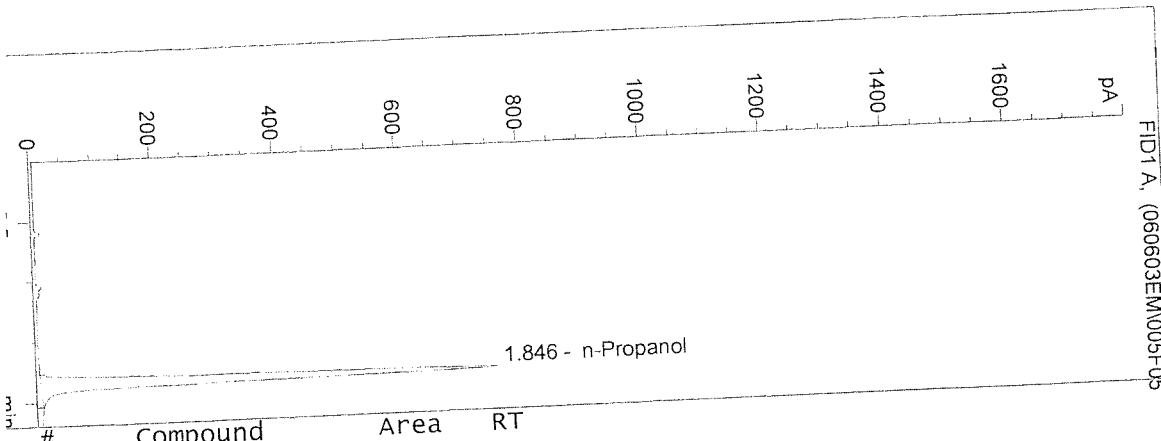


n-Propanol 1.000 g/100ml

CHEM\2\METHODS\BLDALCO2.M
 3 10:01:57 AM
 ument 2
 C1

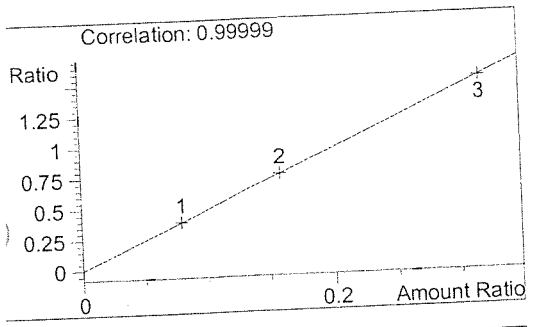
BLANK
 Estuardo J. Miranda

vial # 5

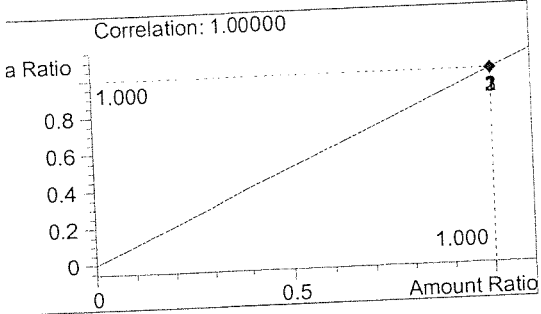


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2921	1.846

Totals:



Ethanol 0.000 g/100ml



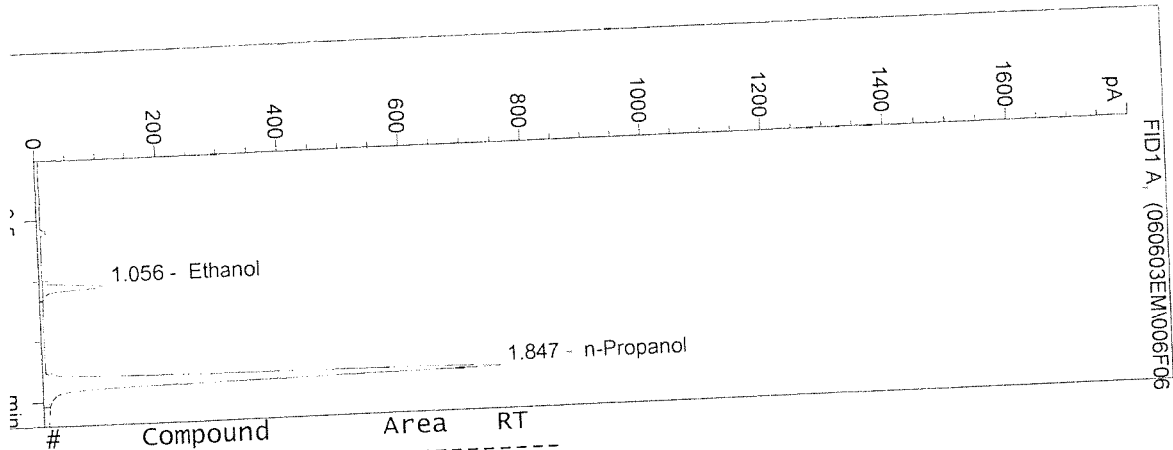
n-Propanol 1.000 g/100ml

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CHEM\2\METHODS\BLDALCO2.M
 3 10:04:59 AM
 ument 2
 C1

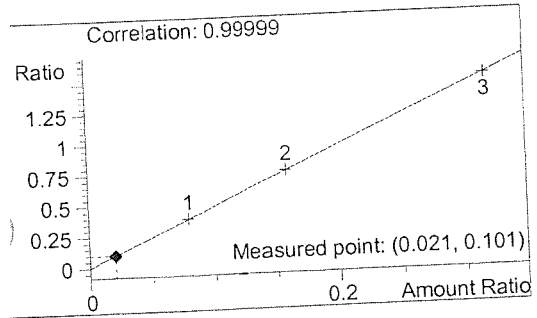
0.020
 Estuardo J. Miranda

vial # 6

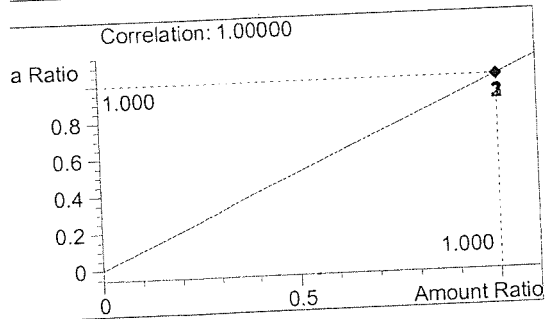


#	Compound	Area	RT
1	Ethanol	292	1.056
2	n-Propanol	2906	1.847

Totals:



Ethanol 0.021 g/100ml



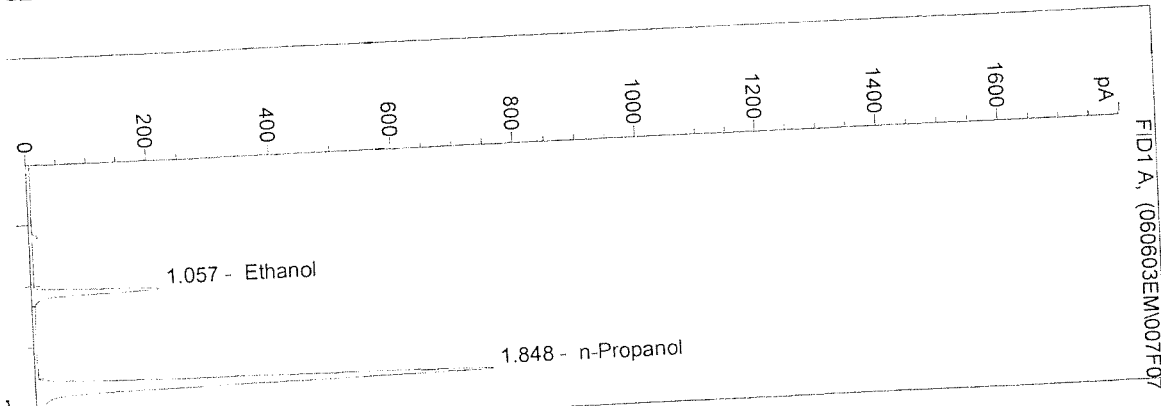
n-Propanol 1.000 g/100ml

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\\CHEM\2\METHODS\BLDALCO2.M
 10:08:01 AM
 Experiment 2
 01

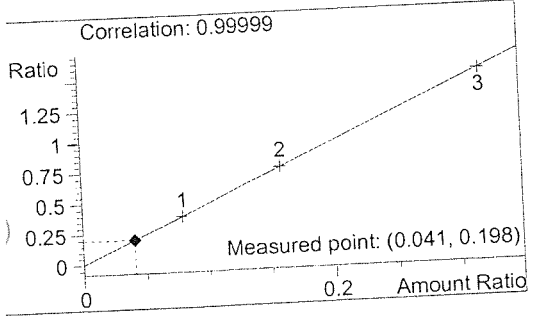
0.040 CAP
 Estuardo J. Miranda

vial # 7

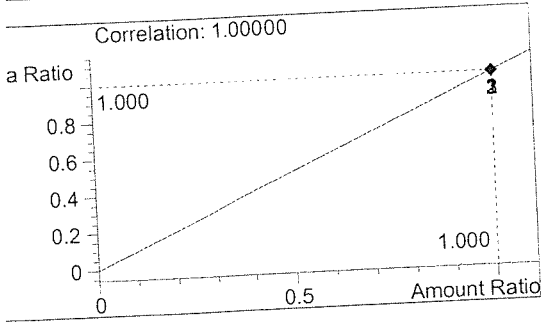


#	Compound	Area	RT
1	Ethanol	574	1.057
2	n-Propanol	2893	1.848

Totals:



Ethanol 0.041 g/100ml

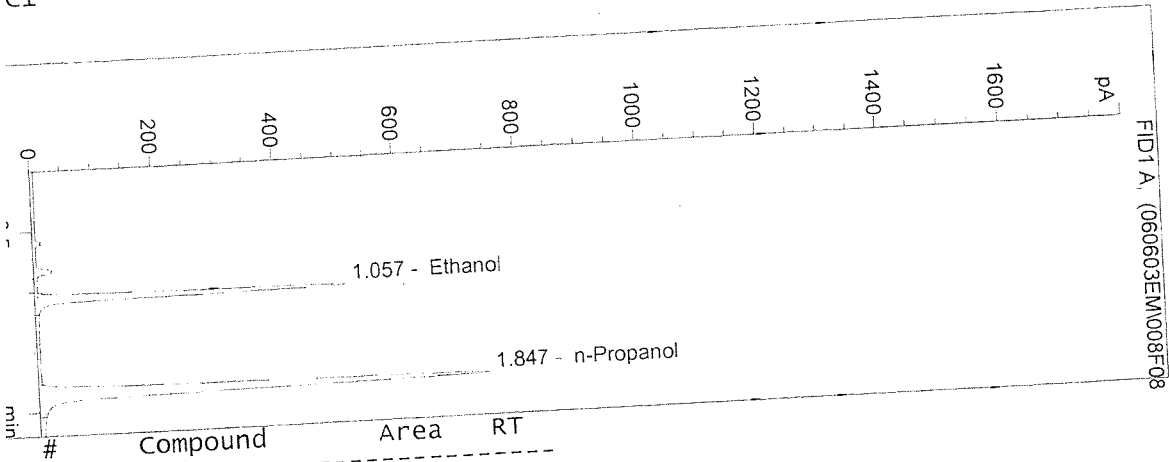


n-Propanol 1.000 g/100ml

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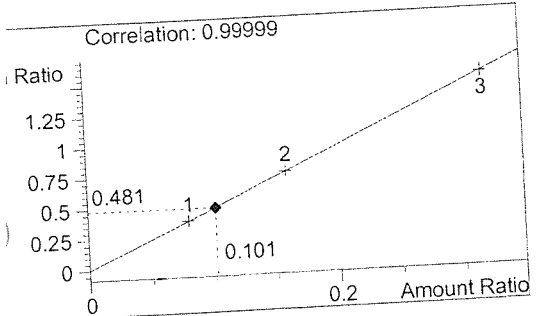
CHEM\2\METHODS\BLDALCO2.M
 3 10:11:04 AM
 ument 2
 C1

0.100 Control
 Estuardo J. Miranda
 vial # 8

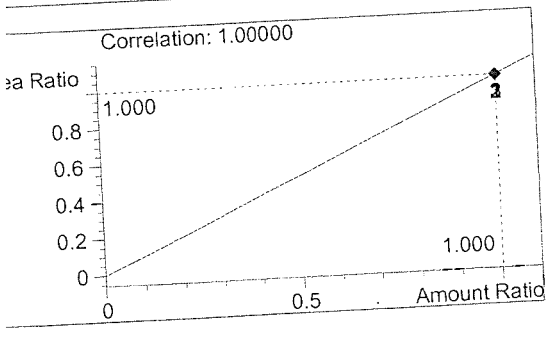


#	Compound	Area	RT
1	Ethanol	1379	1.057
2	n-Propanol	2870	1.847

Totals:



Ethanol 0.101 g/100ml



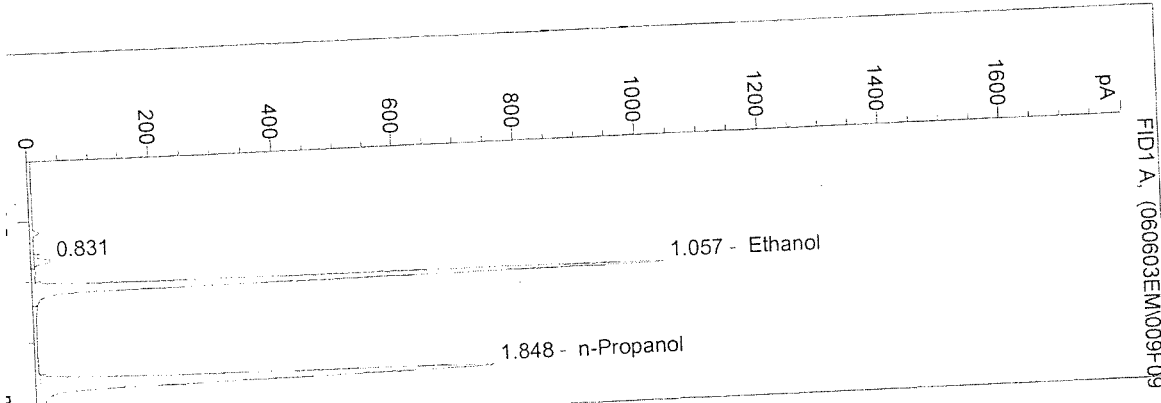
n-Propanol 1.000 g/100ml

3

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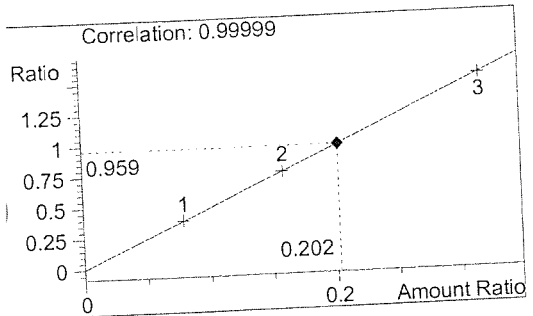
CHEM\2\METHODS\BLDALCO2.M
 3 10:14:26 AM
 Experiment 2
 C1

0.200 Control
 Estuardo J. Miranda
 vial # 9

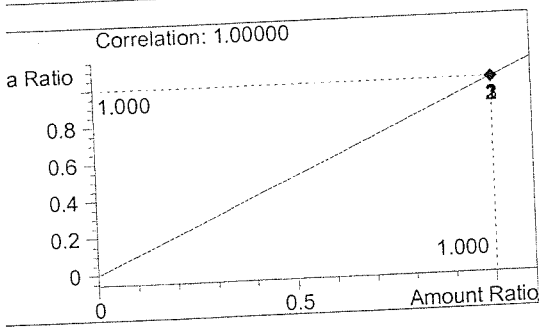


#	Compound	Area	RT
1		77	0.831
2	Ethanol	2781	1.057
3	n-Propanol	2898	1.848

Totals:



Ethanol 0.202 g/100ml



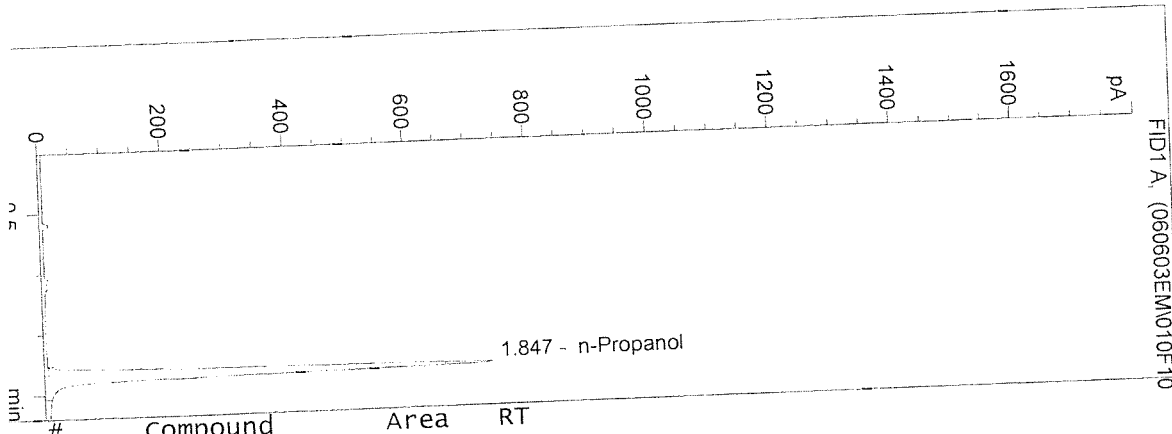
n-Propanol 1.000 g/100ml

3

WASHINGTON STATE TOXICOLOGY LABORATORY

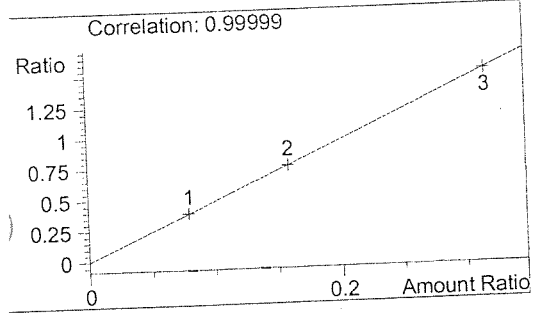
CHEM\2\METHODS\BLDALCO2.M
 3 10:17:29 AM
 ument 2
 .C1

BLANK
 Estuardo J. Miranda
 vial # 10

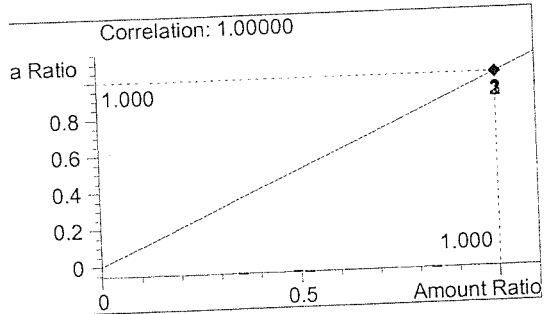


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2852	1.847

Totals:



Ethanol 0.000 g/100ml

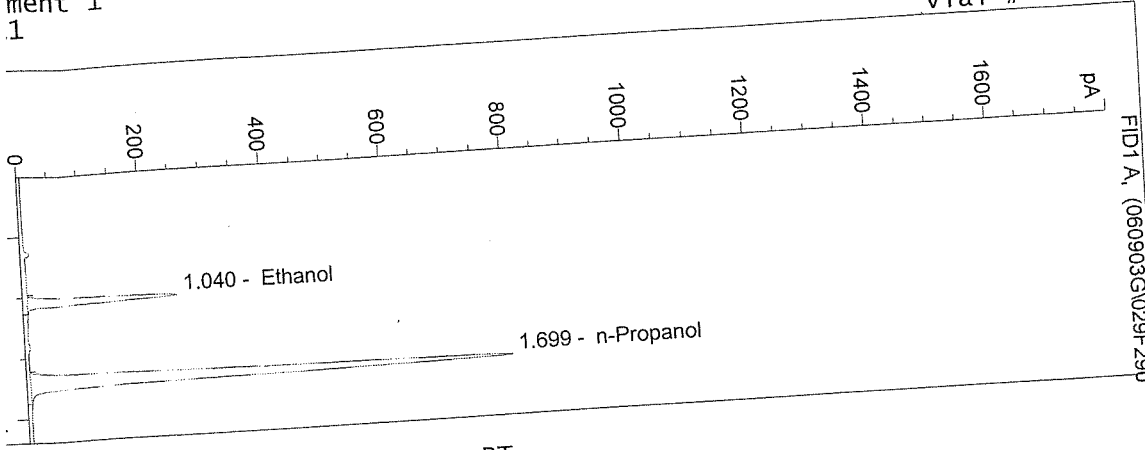


n-Propanol 1.000 g/100ml

HEM\1\METHODS\BLDALCO.M
 11:37:53 AM
 ment 1
 1

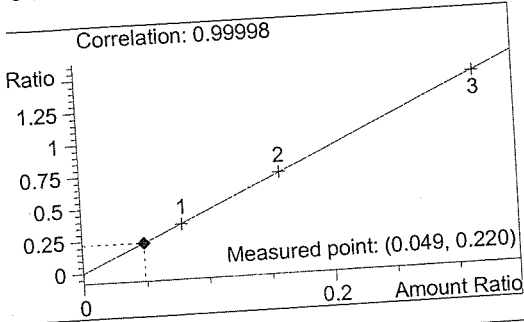
0.04QASOL 03014
 Gene Schwilke

vial # 29

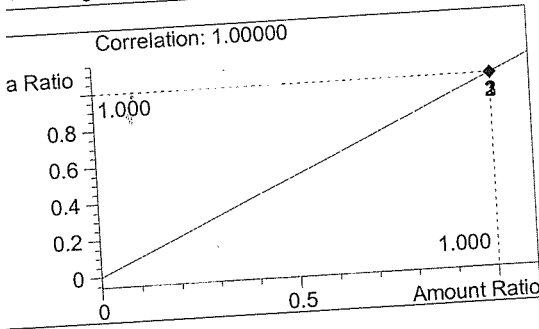


#	Compound	Area	RT
1	Ethanol	736	1.040
2	n-Propanol	3344	1.699

totals:



Ethanol 0.049 g/100ml



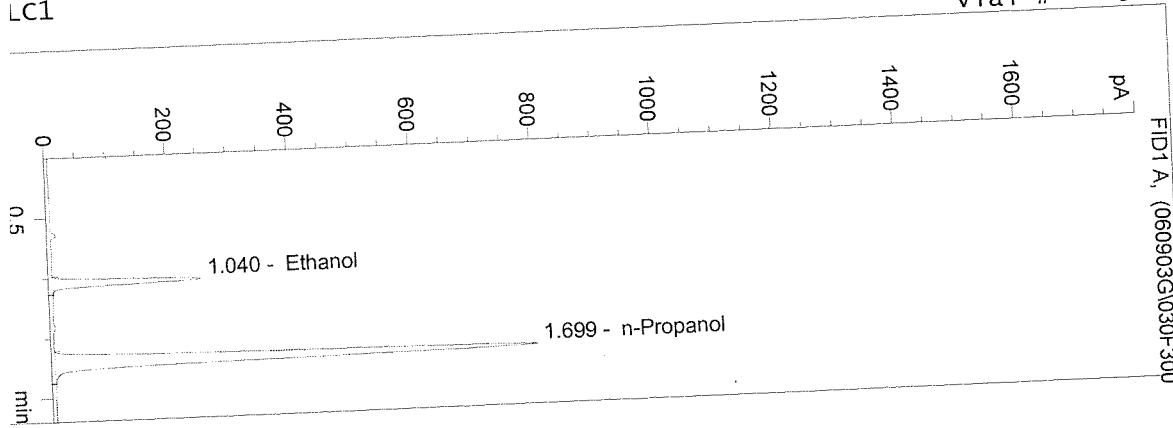
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

\\CHEM\1\METHODS\BLDALCO.M
 03/11/03 11:41:15 AM
 Instrument 1
 LC1

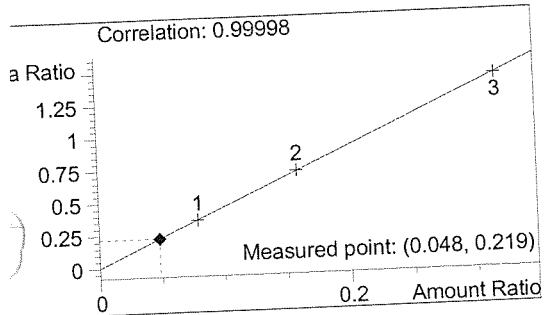
0.04QASOL 03014
 Gene Schwilke

vial # 30

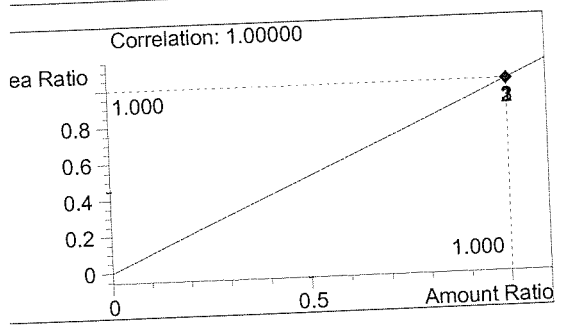


#	Compound	Area	RT
1	Ethanol	729	1.040
2	n-Propanol	3331	1.699

Totals:



Ethanol 0.048 g/100ml

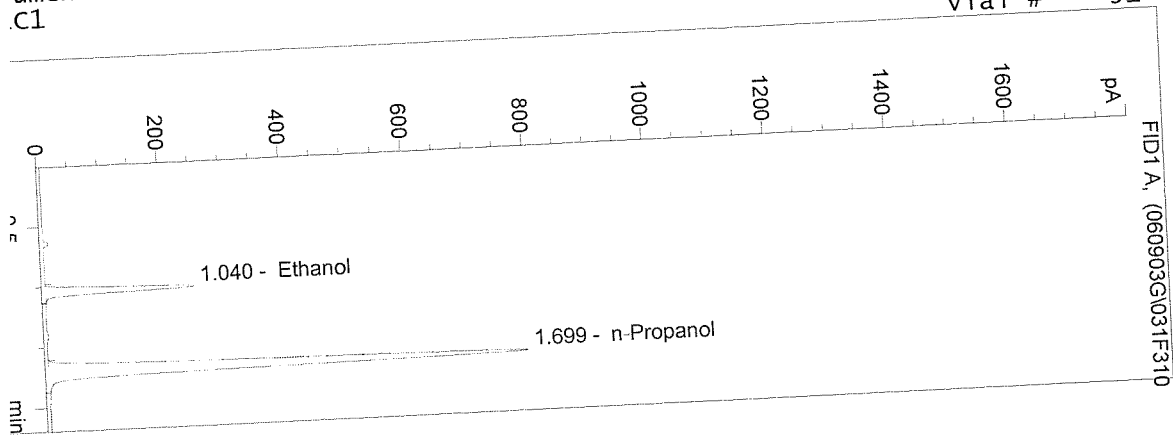


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

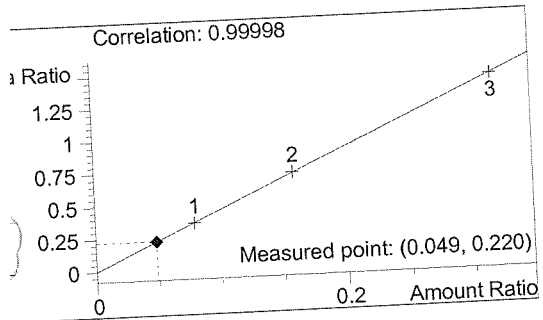
CHEM\1\METHODS\BLDALCO.M
 3 11:44:17 AM
 ument 1
 C1

0.04QASOL 03014
 Gene Schwilke
 vial # 31

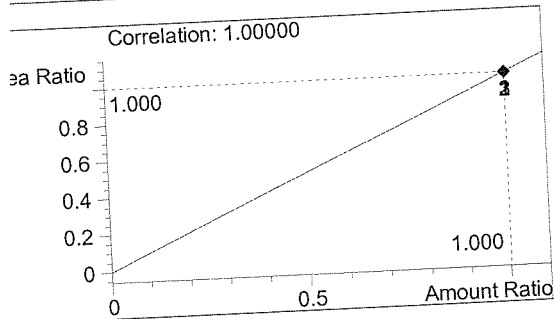


#	Compound	Area	RT
1	Ethanol	726	1.040
2	n-Propanol	3297	1.699

Totals:



Ethanol 0.049 g/100ml



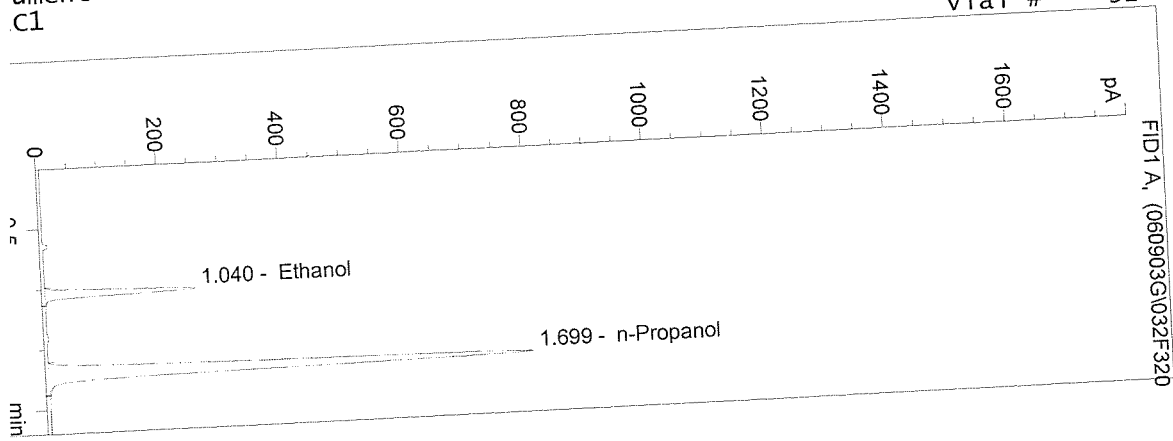
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

CHEM\1\METHODS\BLDALCO.M
 3 11:47:19 AM
 ument 1
 C1

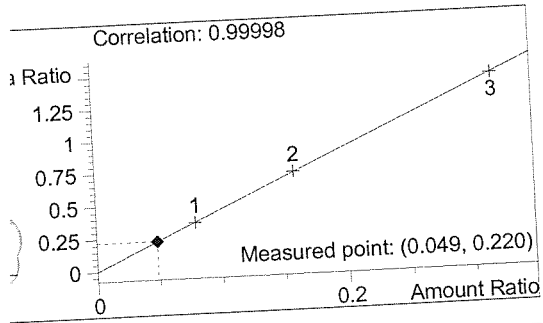
0.04QASOL 03014
 Gene Schwilke

vial # 32

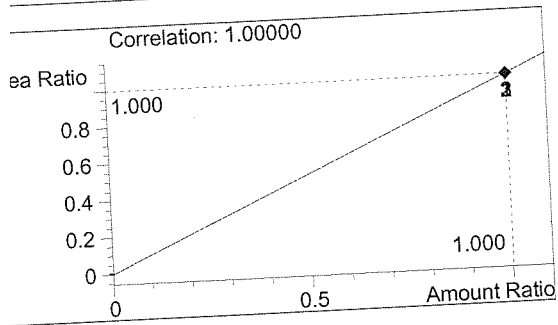


#	Compound	Area	RT
1	Ethanol	733	1.040
2	n-Propanol	3331	1.699

Totals:



Ethanol 0.049 g/100ml



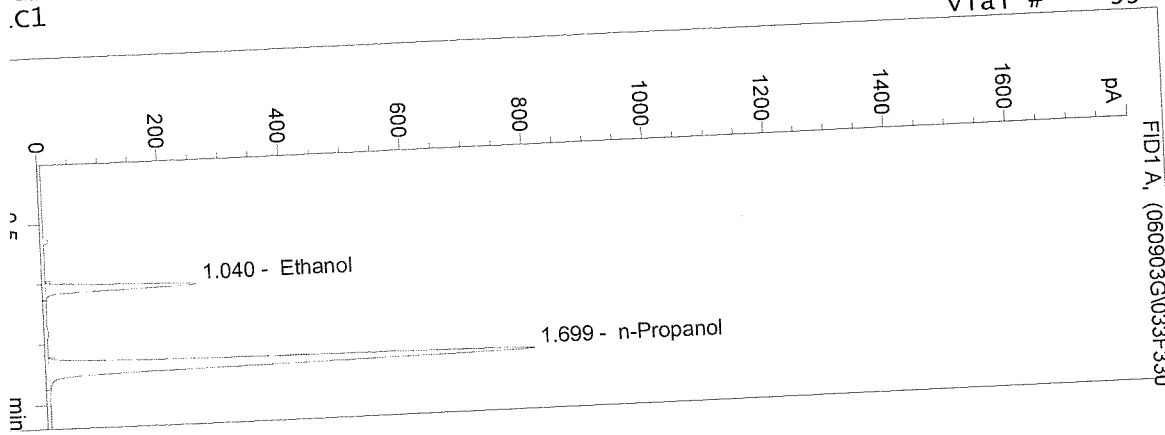
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

CHEM\1\METHODS\BLDALCO.M
 3 11:50:21 AM
 ument 1
 .c1

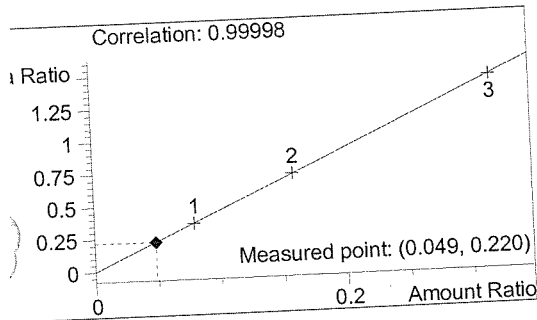
0.04QASOL 03014
 Gene Schwilke

vial # 33

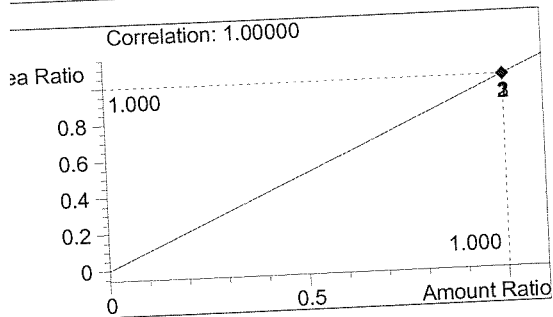


#	Compound	Area	RT
1	Ethanol	735	1.040
2	n-Propanol	3346	1.699

Totals:



Ethanol 0.049 g/100ml

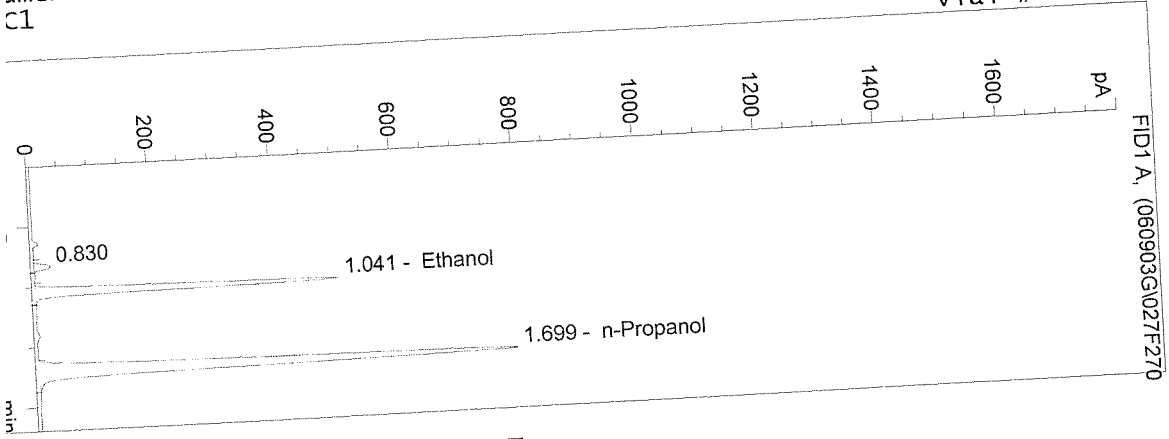


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

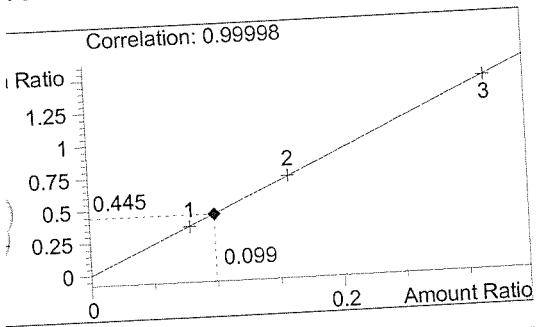
\\CHEM\1\METHODS\BLDALCO.M
 3 11:31:50 AM
 Experiment 1
 C1

CAP 0.100
 Gene Schwilke
 vial # 27

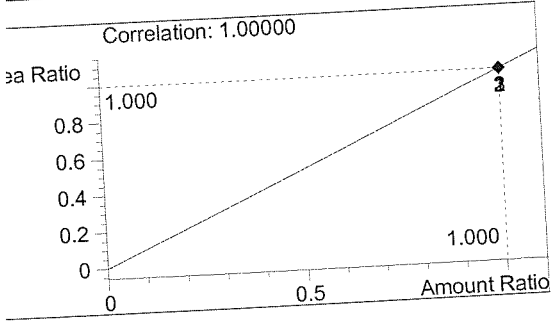


#	Compound	Area	RT
1		79	0.830
2	Ethanol	1465	1.041
3	n-Propanol	3290	1.699

Totals:



Ethanol 0.099 g/100ml

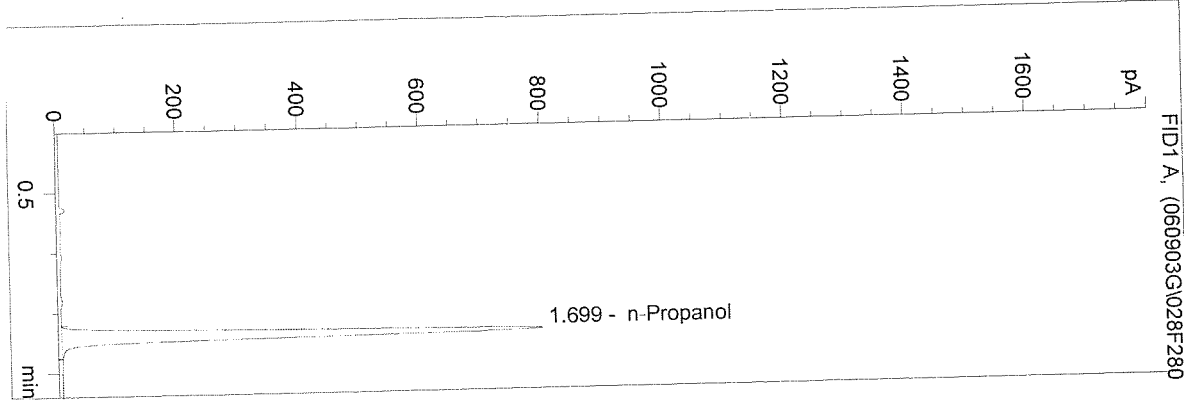


n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

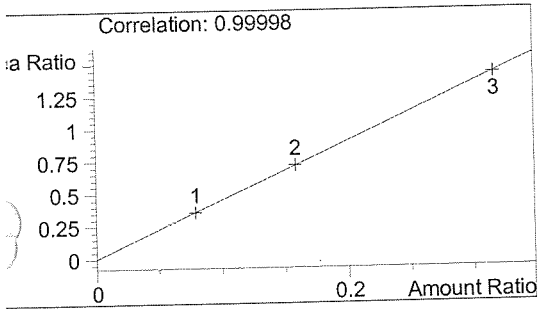
HPCHEM\1\METHODS\BLDALCO.M
 /03 11:34:52 AM
 trument 1
 ALC1

BLANK
 Gene Schwilke
 vial # 28

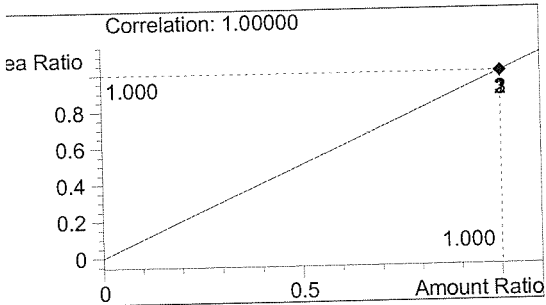


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3317	1.699

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml