WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/ s: DENTON / GULLBERG Date: 7/31/2008

Location: Seattle Tox Lab Solution Batch Number: 08035

	YES	NO	N/A
Preparation date precedes all analysis dates:	☒	☐	☐
Declarations signed and properly dated:	☒	☐	☐
Data entry corresponds to all chromatograms:	☒	☐	☐
All signatures present on Analysis sheet:	☒	☐	☐
Avg. solution concentration correct?:	☒	☐	☐
Standard deviation correct:	☒	☐	☐
Range correct if applicable:	☒	☐	☐
Equivalent vapor concentration correct?	☒	☐	☐
Blank Chromatograms included in file:	☒	☐	☐
External Control information correct: (lot # present and future date)	☒	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐	☐
CV% Correct?	☒	☐	☐
Reviewed for outliers per policy and none found?	☒	☐	☐

Comments:

Reviewer Signature: R. S. Gullberg Date: 7-31-08

Reviewer Signature: K.L. [illegible] Date: 7/31/2008

Rev. Date: 2/14/2008

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

QUALITY ASSURANCE SOLUTION DATABASE

Preparation and certification of **0.10** g/210L Quality Assurance Solution

Batch number **08035** Date prepared: 07/17/2008

Preparation: **28.9** mL of absolute ethyl alcohol diluted to **18** Liters with water

Concentration of ethanol (g/100mL) measured by gas chromatography:

	Analyst 1	Analyst 2	Analyst 3
1	0.126	0.126	0.126
2	0.126	0.127	0.128
3	0.126	0.126	0.128
4	0.127	0.126	0.128
5	0.126	0.126	0.127
Ctrl	0.097	0.098	0.100

Statistics:

Avg. solution concent.: 0.1266 g/100 mL

SD: 0.00083

Range (3.8XSD): 0.1235 to 0.1297

Precision CV (%): 0.6541 %

External Control:

Lot #: A056938 Exp date: MM 04 / YYYY 2012

Target concentration: 0.10 g/100mL

Equivalent vapor concent.: 0.1029 g/210L

Analyst	Name	Signature	Date Tested
1	Brianne Akins	Brianne Akins	07/17/2008
2	Lisa Noble	Lisa Noble	07/22/2008
3	Naziha Nuwayhid, PhD	Naziha N	07/23/2008

Prepared by: Brianne Akins according to the approved protocol.

Final review by: MP

ver 12/19/2007

Batch Worksheet Check Off

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 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
~~Amanda Black~~		
Asa Louis		
~~Brian Capron~~		
~~Brianna Peterson~~		
Brianne Akins	BLA	7·28·08
~~Brittany Ball~~		
~~Christie Mitchell~~		
~~Christopher Johnston~~		
~~Erin Kolbrich~~		
~~Estuardo Miranda~~		
~~Gwynyth Scherperel~~		
~~Justin Knoy~~		
Lisa Noble	ln	7/28/08
~~Melissa Pemberton~~		
Naziha Nuwayhid	NN	7/28/08
~~Rebecca Flaherty~~		
Sarah Swenson		

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 08035

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 08035, was prepared in the Washington State Toxicology Laboratory on 7/17/2008. 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 7/17/2009.

Seattle, WA

7/28/08

Naziha Nuwayhid, Ph.D. Date
Forensic Toxicologist

NN/ik
NNQA

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION LOT 08035

I, Brianne E. Akins, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and MS degree in Veterinary Medical Sciences.

The quality assurance solution, Lot Number 08035, was prepared in the Washington State Toxicology Laboratory on 7/17/2008. 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 7/17/2009.

Seattle, WA

Brianne E Akins 7-28-08
Brianne E. Akins
Forensic Toxicologist

BEA/ik
BAQA

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER QUALITY ASSURANCE SOLUTION CERTIFICATION FOR LOT 08035

I, Lisa R Noble, 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 and two years laboratory experience in forensic toxicology.

The quality assurance solution, Lot Number 08035, was prepared in the Washington State Toxicology Laboratory on 7/17/2008. 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 7/17/2009.

Seattle, WA

Lisa Noble 7/28/08

Lisa R Noble Date
Forensic Toxicologist

LN/ik
LPQA

Sequence Parameters:

Operator:	Brianne E. Akins
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	080717BA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 CONTROL - LOT # A056758 - EXP 03/2012
0.10 CONTROL - LOT # A056938 - EXP 04/2012
0.20 CONTROL - LOT # A055525 - EXP 02/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO3	1	Calib		
5	Vial 5	BLANK	BLDALCO3	1	Ctrl Samp		
6	Vial 6	0.04 MIX	VOL	1	Calib		
7	Vial 7	0.08 MIX	VOL	1	Calib		
8	Vial 8	0.02 STD	BLDALCO3	1	Sample		
9	Vial 9	0.04 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.20 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
12	Vial 12	BLANK	BLDALCO3	1	Sample		
13	Vial 13	QA 08035 A	BLDALCO3	1	Sample		
14	Vial 14	QA 08035 B	BLDALCO3	1	Sample		
15	Vial 15	QA 08035 C	BLDALCO3	1	Sample		
16	Vial 16	QA 08035 D	BLDALCO3	1	Sample		
17	Vial 17	QA 08035 E	BLDALCO3	1	Sample		
18	Vial 18	0.10 CONTROL-BA	BLDALCO3	1	Ctrl Samp		
19	Vial 19	BLANK	BLDALCO3	1	Sample		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	BLDALCO3	1	Replace	Replace	
3	Vial 3	0.158 CAL	BLDALCO3	2	Replace	Average	
4	Vial 4	0.316 CAL	BLDALCO3	3	Replace	Replace	
6	Vial 6	0.04 MIX	VOL	1	Replace	Replace	
7	Vial 7	0.08 MIX	VOL	2	Replace	Replace	

BEA

Sequence: C:\HPCHEM\1\SEQUENCE\BA3.S

Sequence Table (Back Injector):

No entries - empty table!

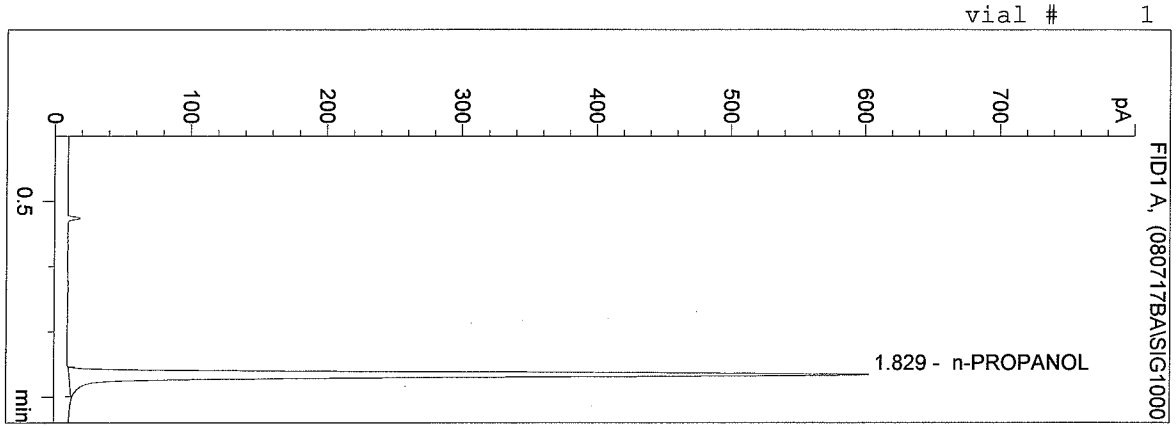
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 3:45:04 PM
Instrument 3
db-alc2

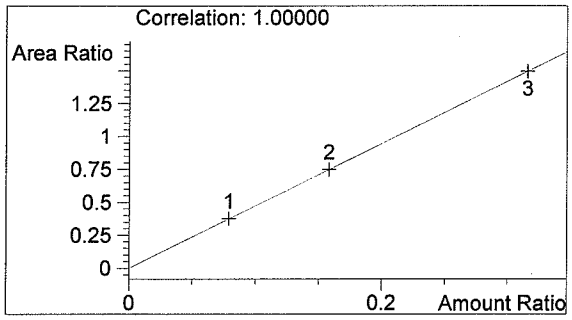
BLANK
Brianne E. Akins

vial # 1

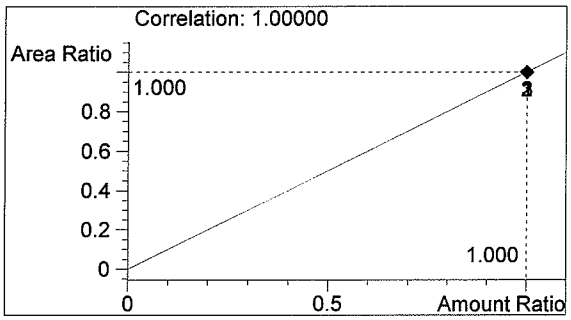


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1669	1.829

Totals:



ETHANOL 0.000 g/100ml



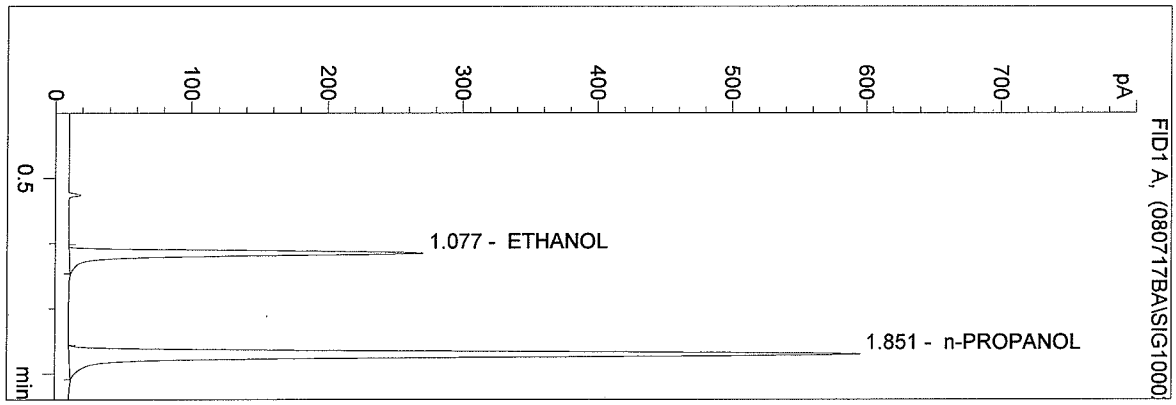
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 3:48:11 PM
Instrument 3
db-alc2

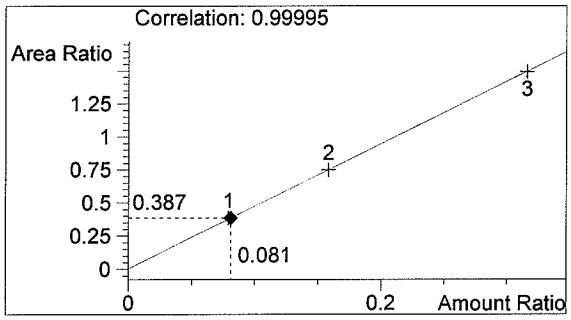
0.079 CAL
Brianne E. Akins

vial # 2

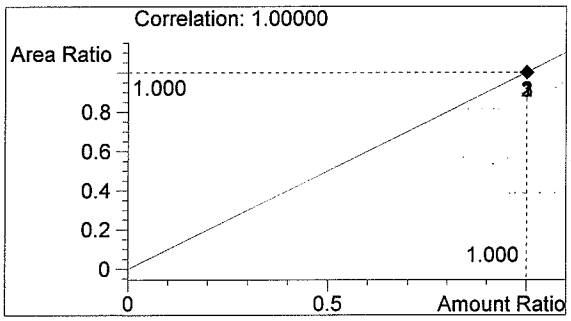


#	Compound	Area	RT
1	ETHANOL	729	1.077
2	n-PROPANOL	1885	1.851

Totals:



ETHANOL 0.081 g/100ml



n-PROPANOL 1.000 g/100ml

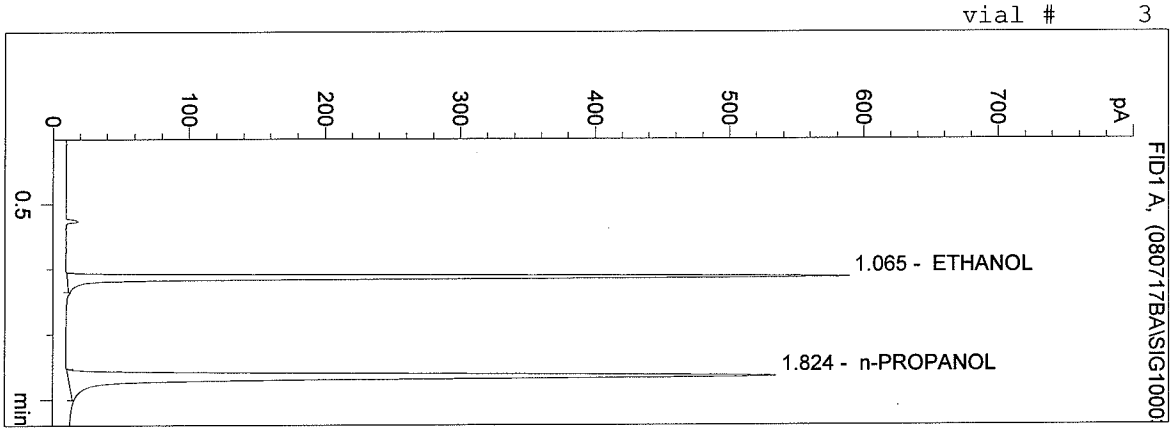
BKA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 3:51:18 PM
Instrument 3
db-alc2

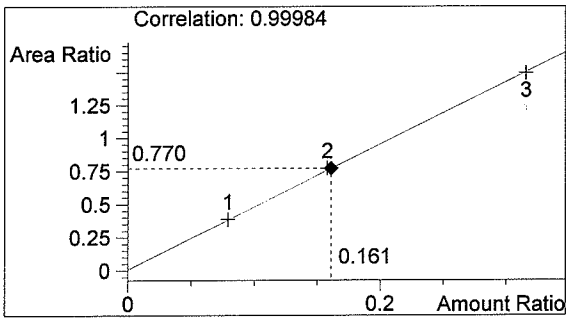
0.158 CAL
Brianne E. Akins

vial # 3

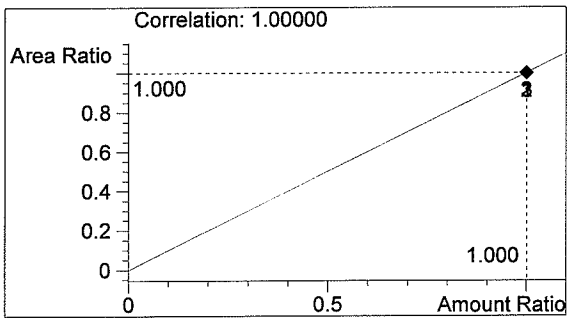


#	Compound	Area	RT
1	ETHANOL	1154	1.065
2	n-PROPANOL	1499	1.824

Totals:



ETHANOL 0.161 g/100ml



n-PROPANOL 1.000 g/100ml

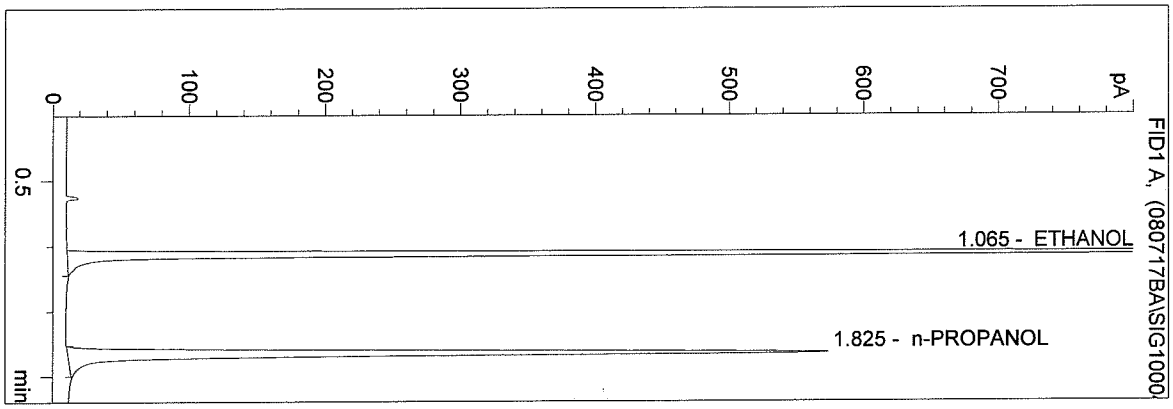
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 3:54:26 PM
Instrument 3
db-alc2

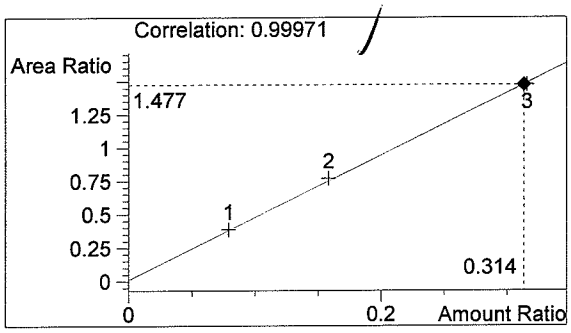
0.316 CAL
Brianne E. Akins

vial # 4

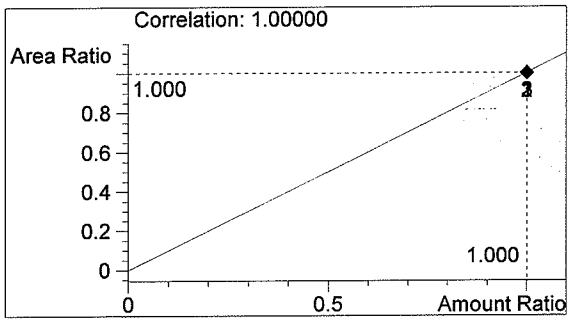


#	Compound	Area	RT
1	ETHANOL	2363	1.065
2	n-PROPANOL	1600	1.825

Totals:



ETHANOL 0.314 g/100ml



n-PROPANOL 1.000 g/100ml

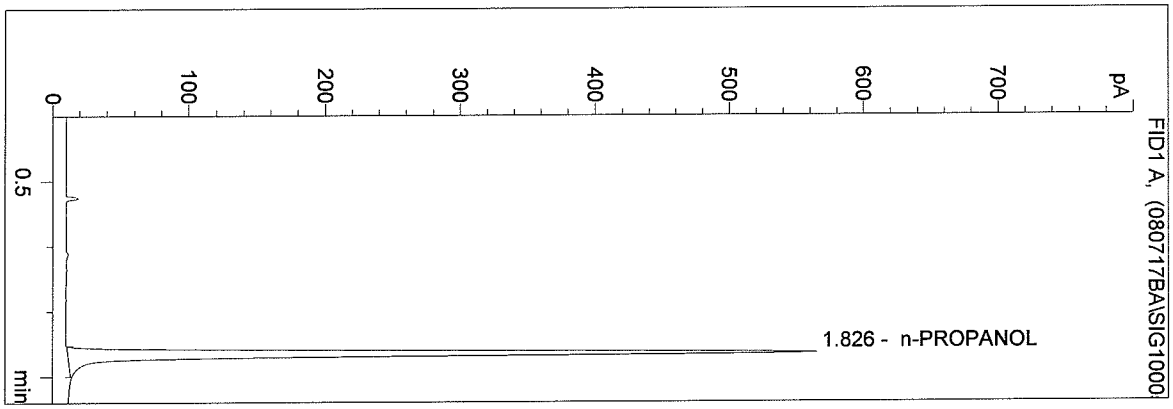
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 3:57:33 PM
Instrument 3
db-alc2

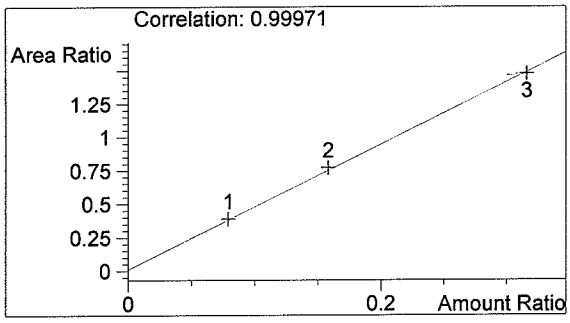
BLANK
Brianne E. Akins

vial # 5

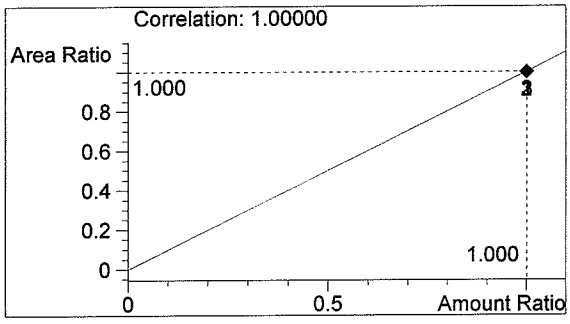


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1567	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

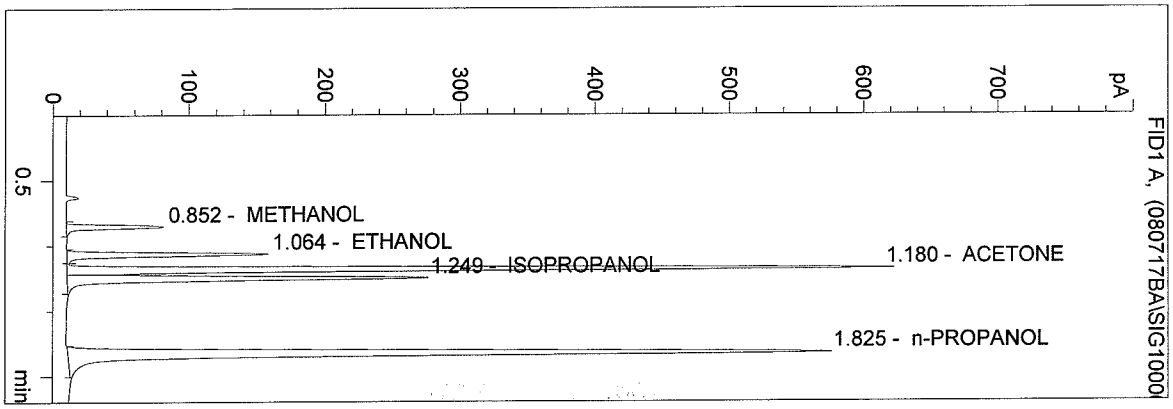
BLA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M
7/17/2008 4:00:43 PM
Instrument 3
db-alc2

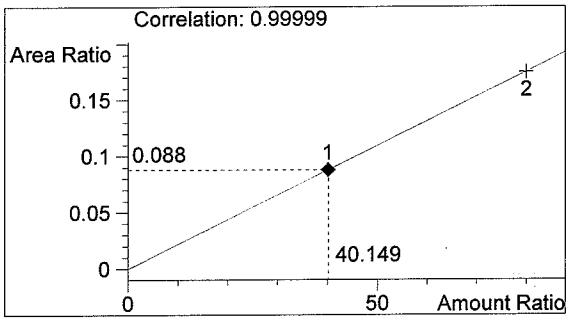
0.04 MIX
Brianne E. Akins

vial # 6

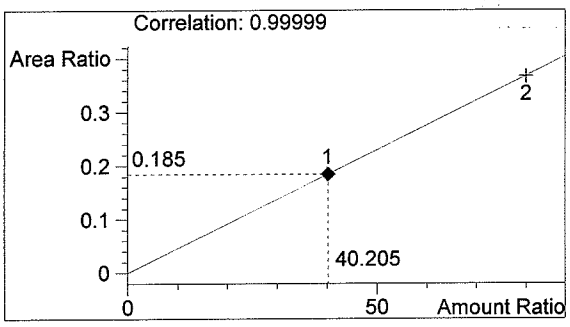


#	Compound	Area	RT
1	METHANOL	141	0.852
2	ETHANOL	296	1.064
3	ACETONE	1182	1.180
4	ISOPROPANOL	599	1.249
5	n-PROPANOL	1600	1.825

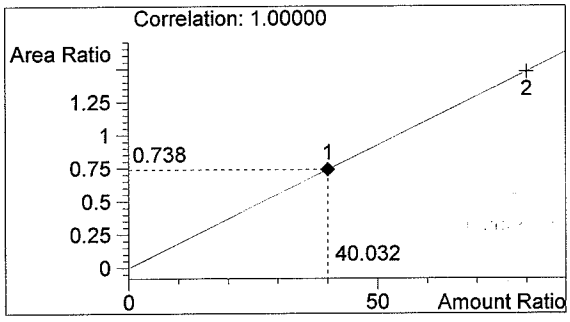
Totals:



METHANOL 40.149 mg/dL



ETHANOL 40.205 mg/dL



ACETONE 40.032 mg/dL

BLG

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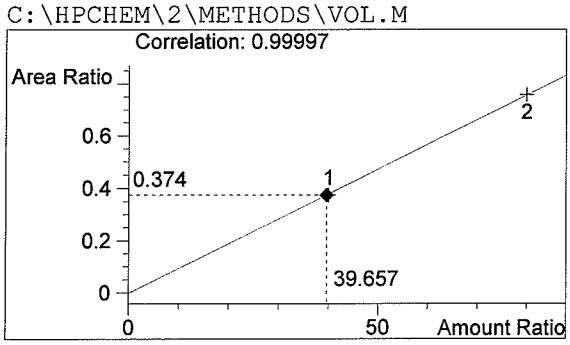
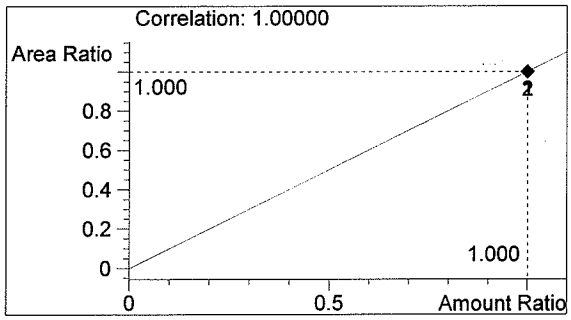
C:\HPCHEM\2\METHODS\VOL.M



ISOPROPANOL 39.657 mg/dL



n-PROPANOL 1.000 mg/dL

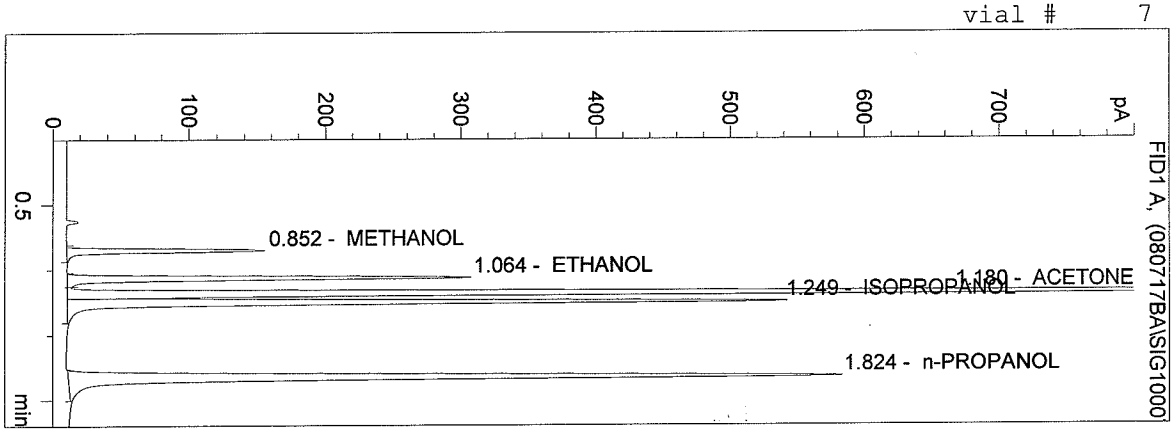
BLA

WASHINGTON STATE TOXICOLOGY LABORATORY

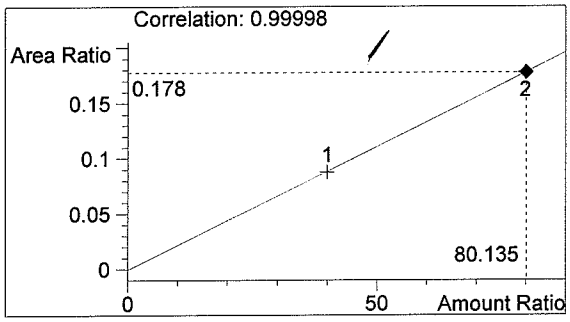
C:\HPCHEM\2\METHODS\VOL.M
7/17/2008 4:03:50 PM
Instrument 3
db-alc2

0.08 MIX
Brianne E. Akins

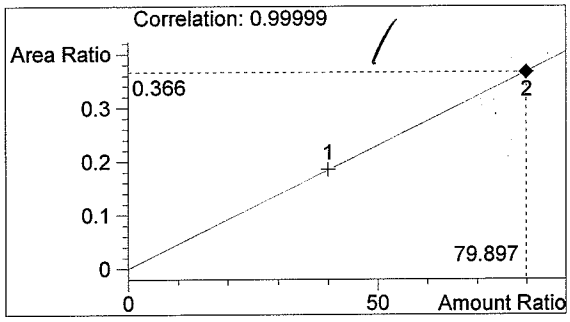
vial # 7



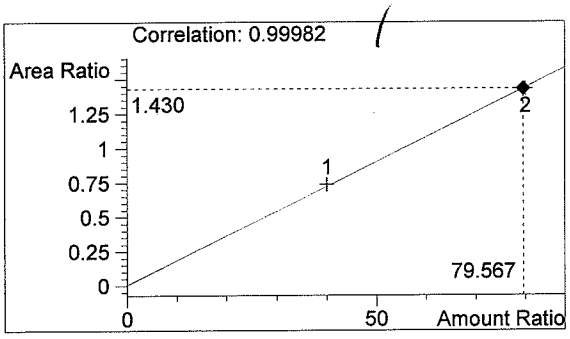
#	Compound	Area	RT
1	METHANOL	287	0.852
2	ETHANOL	592	1.064
3	ACETONE	2310	1.180
4	ISOPROPANOL	1201	1.249
5	n-PROPANOL	1615	1.824
Totals:			



METHANOL 80.135 mg/dL



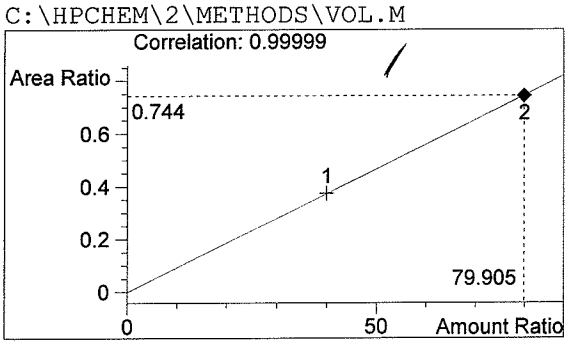
ETHANOL 79.897 mg/dL



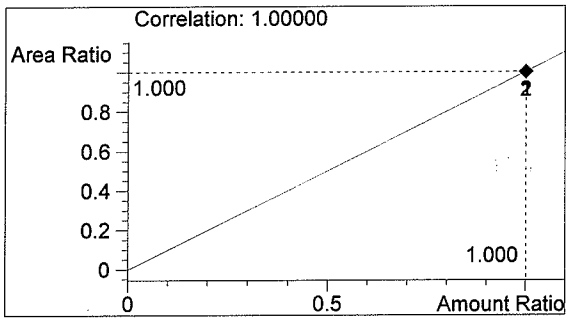
ACETONE 79.567 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\VOL.M



ISOPROPANOL 79.905 mg/dL



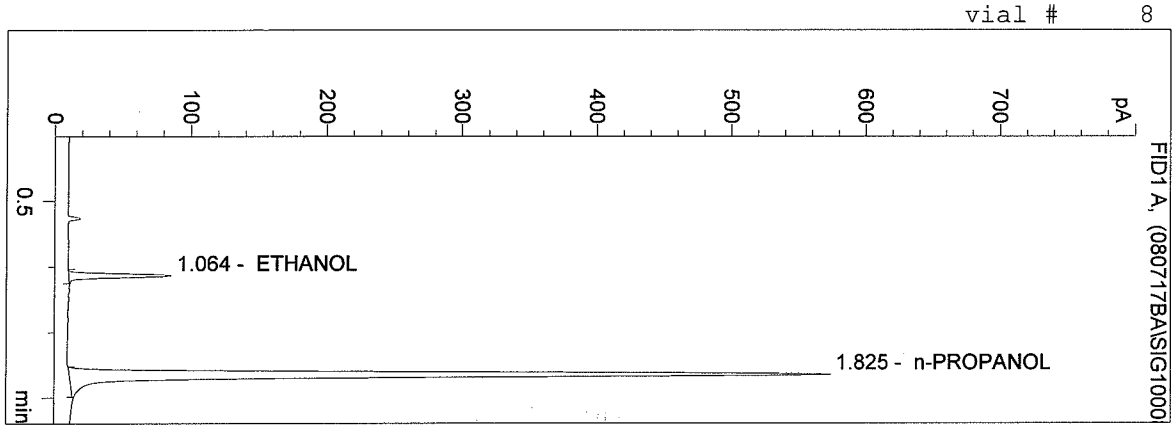
n-PROPANOL 1.000 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:07:01 PM
Instrument 3
db-alc2

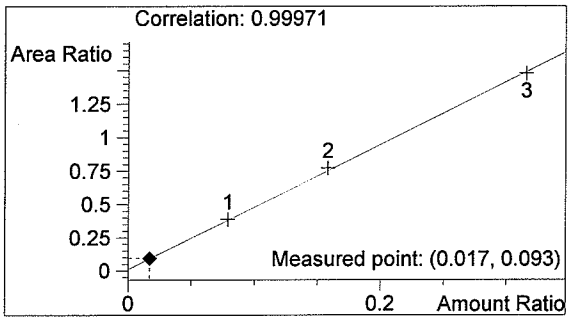
0.02 STD
Brianne E. Akins

vial # 8

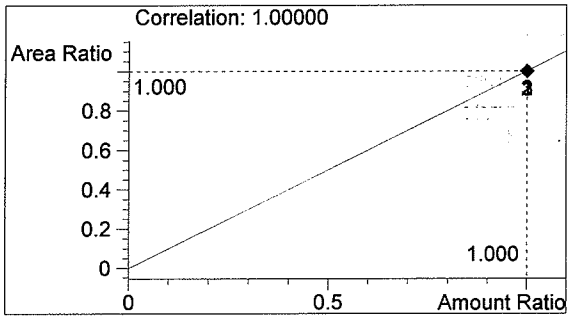


#	Compound	Area	RT
1	ETHANOL	149	1.064
2	n-PROPANOL	1590	1.825

Totals:



ETHANOL 0.017 g/100ml



n-PROPANOL 1.000 g/100ml

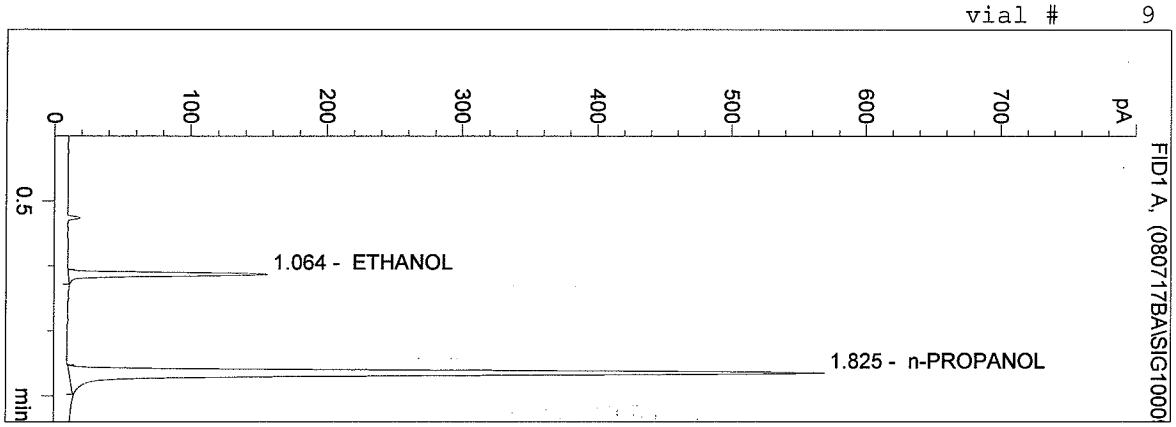
BLa

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:10:09 PM
Instrument 3
db-alc2

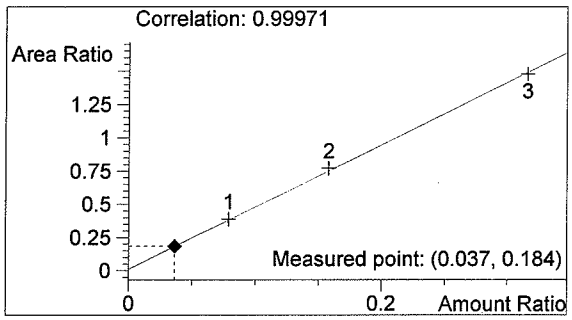
0.04 CONTROL-BA
Brianne E. Akins

vial # 9

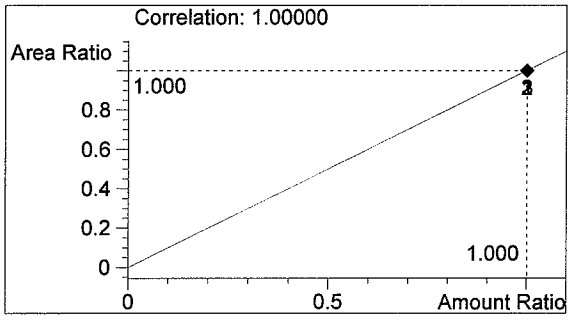


#	Compound	Area	RT
1	ETHANOL	289	1.064
2	n-PROPANOL	1568	1.825

Totals:



ETHANOL 0.037 g/100ml



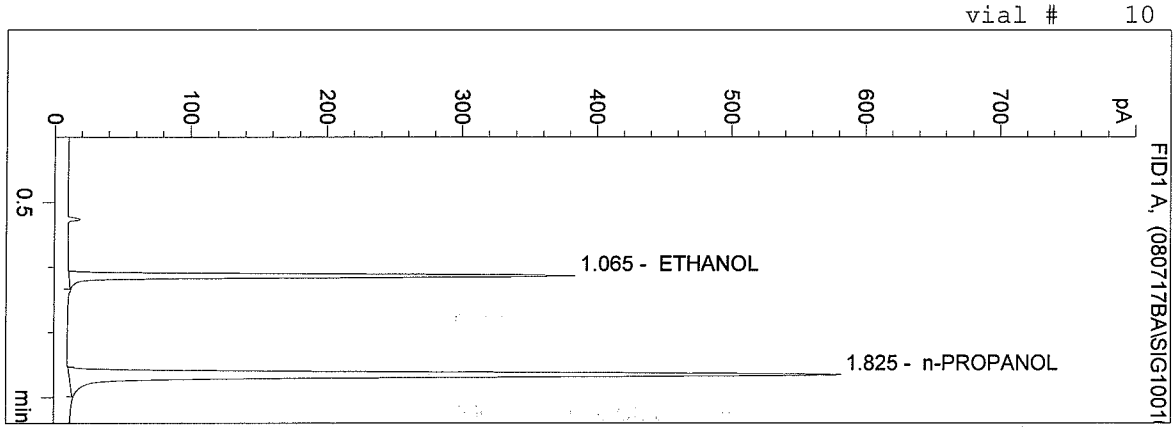
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:13:16 PM
Instrument 3
db-alc2

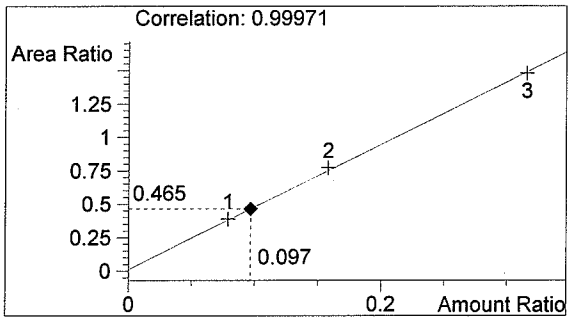
0.10 CONTROL-BA
Brianne E. Akins

vial # 10

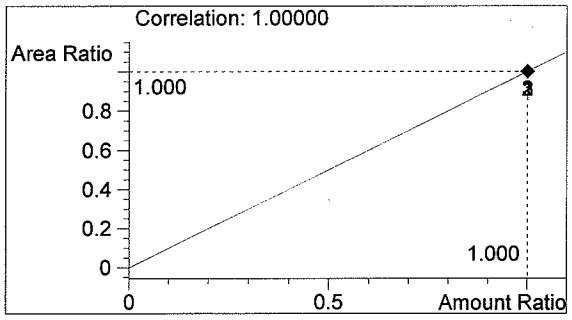


#	Compound	Area	RT
1	ETHANOL	746	1.065
2	n-PROPANOL	1605	1.825

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

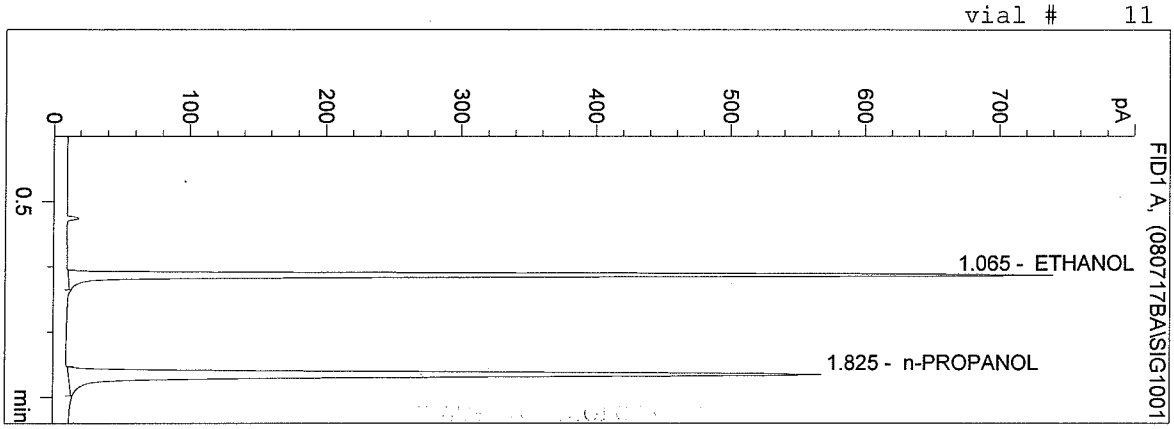
BLA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:16:23 PM
Instrument 3
db-alc2

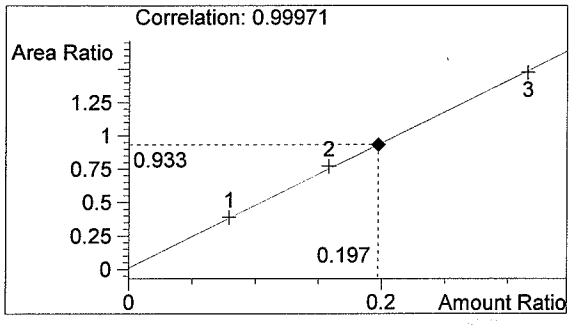
0.20 CONTROL-BA
Brianne E. Akins

vial # 11

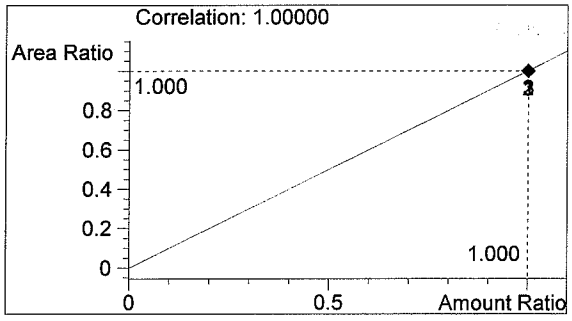


#	Compound	Area	RT
1	ETHANOL	1457	1.065
2	n-PROPANOL	1561	1.825

Totals:



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

/

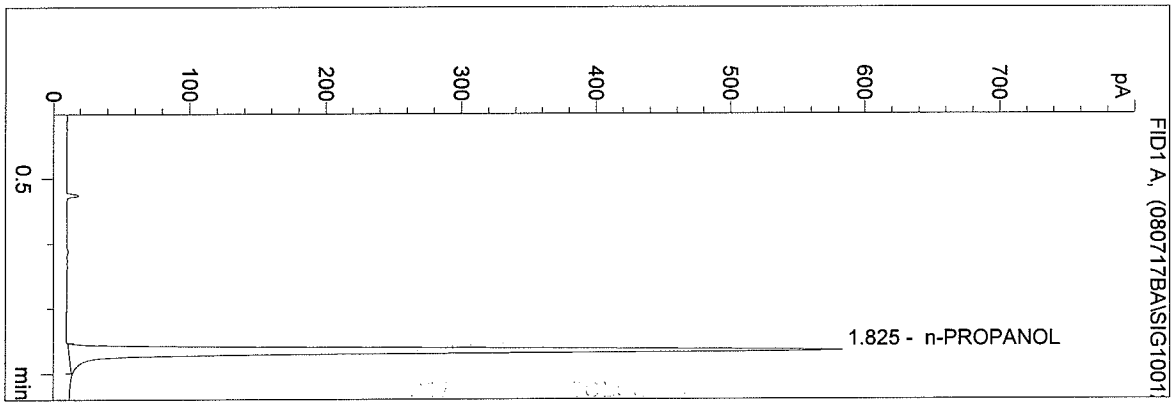
BLa

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:19:30 PM
Instrument 3
db-alc2

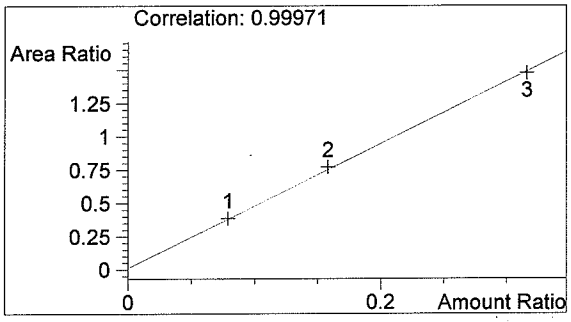
BLANK
Brianne E. Akins

vial # 12

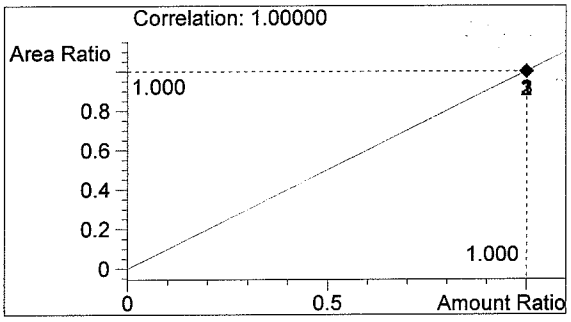


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1610	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

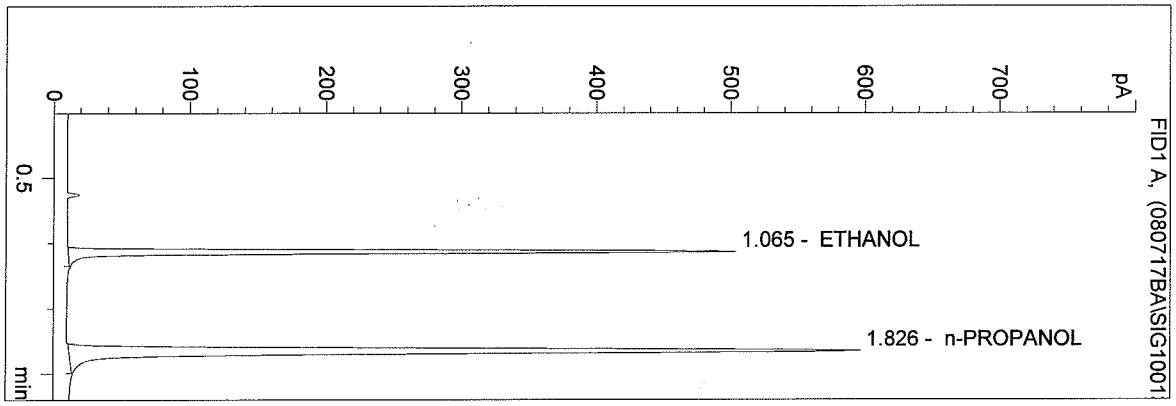
BLO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:22:38 PM
Instrument 3
db-alc2

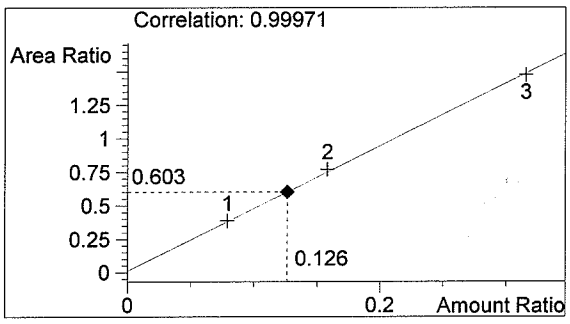
QA 08035 A
Brianne E. Akins

vial # 13

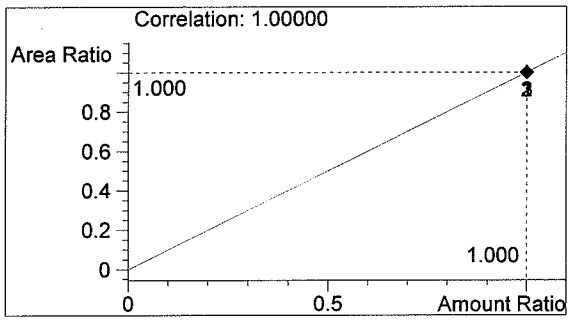


#	Compound	Area	RT
1	ETHANOL	990	1.065
2	n-PROPANOL	1642	1.826

Totals:



ETHANOL 0.126 g/100ml



n-PROPANOL 1.000 g/100ml

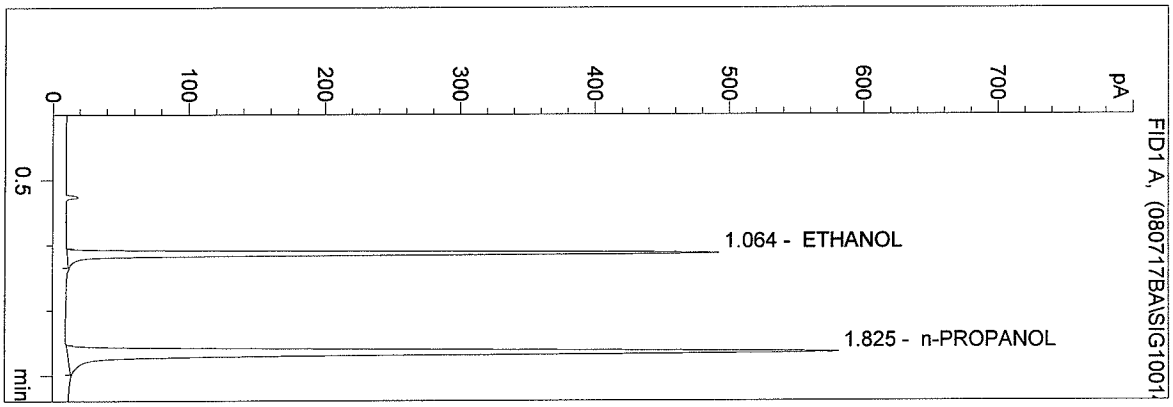
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:25:45 PM
Instrument 3
db-alc2

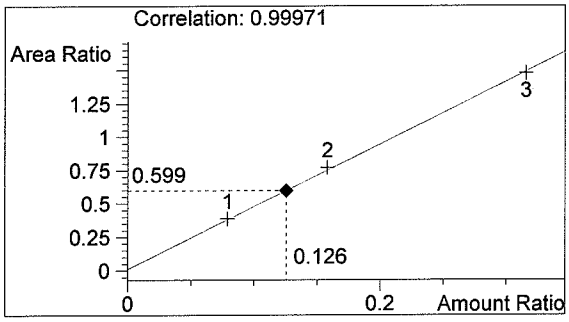
QA 08035 B
Brianne E. Akins

vial # 14

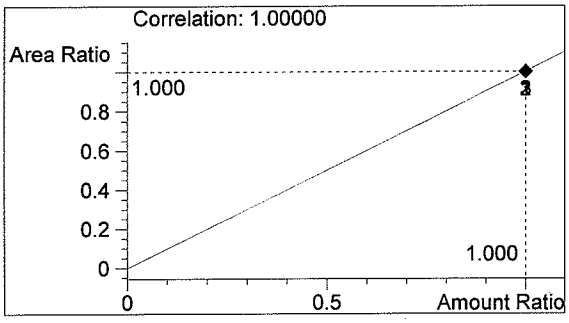


#	Compound	Area	RT
1	ETHANOL	962	1.064
2	n-PROPANOL	1604	1.825

Totals:



ETHANOL 0.126 g/100ml



n-PROPANOL 1.000 g/100ml

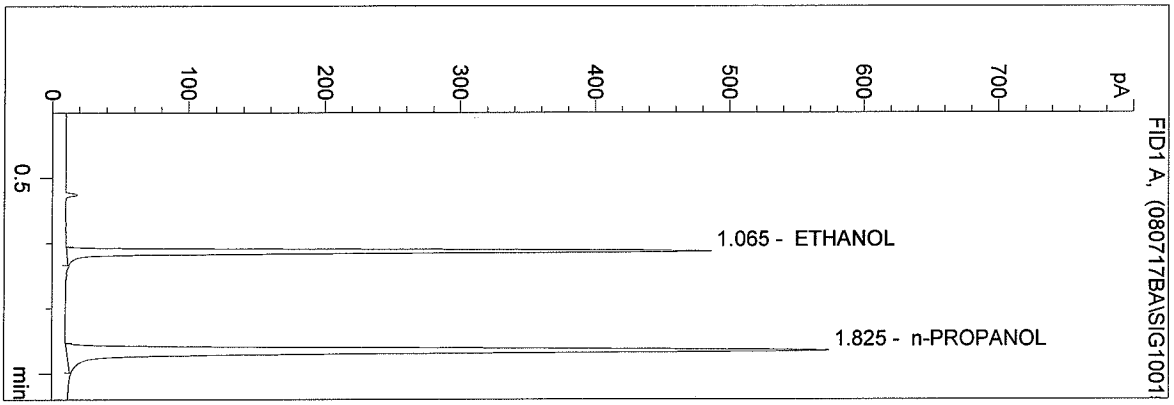
Bua

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:28:52 PM
Instrument 3
db-alc2

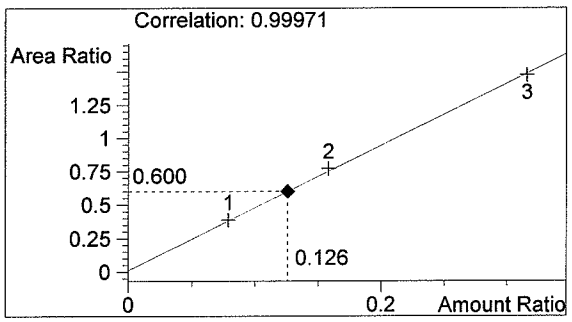
QA 08035 C
Brianne E. Akins

vial # 15

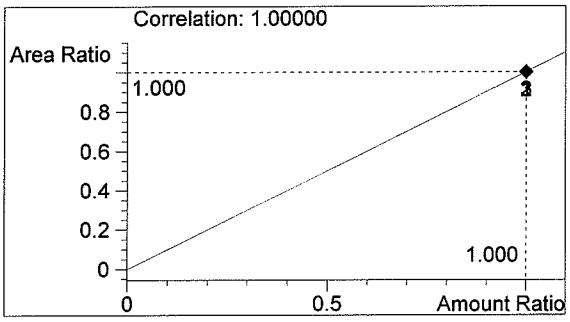


#	Compound	Area	RT
1	ETHANOL	950	1.065
2	n-PROPANOL	1583	1.825

Totals:



ETHANOL 0.126 g/100ml



n-PROPANOL 1.000 g/100ml

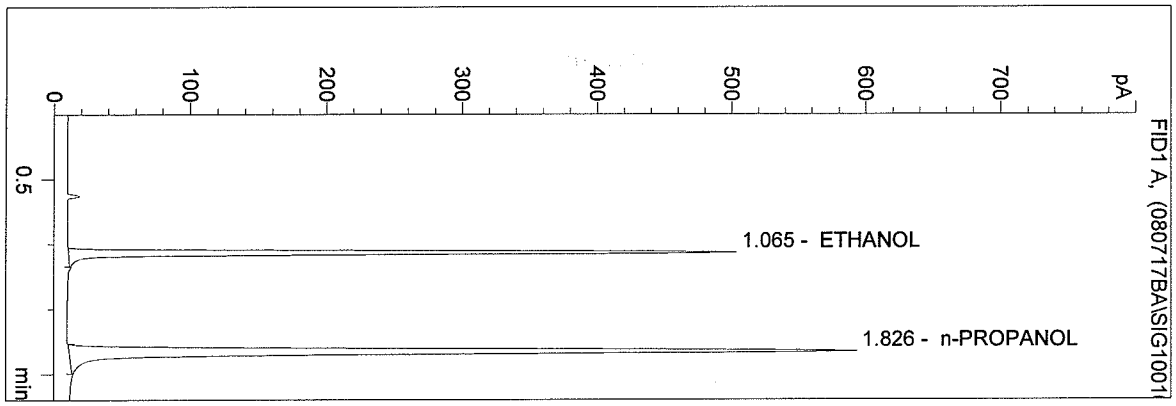
BCA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:31:59 PM
Instrument 3
db-alc2

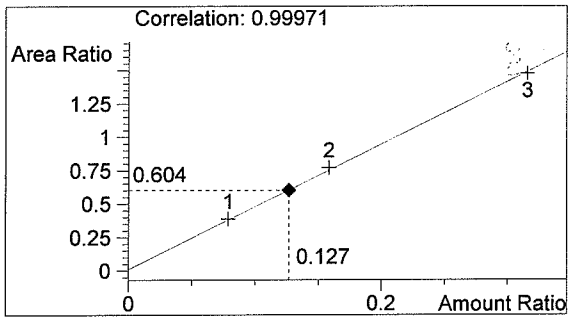
QA 08035 D
Brianne E. Akins

vial # 16

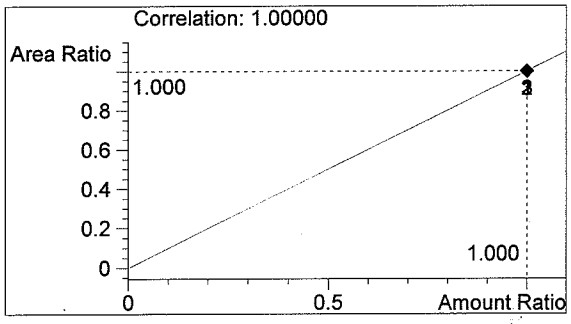


#	Compound	Area	RT
1	ETHANOL	986	1.065
2	n-PROPANOL	1632	1.826

Totals:



ETHANOL 0.127 g/100ml



n-PROPANOL 1.000 g/100ml

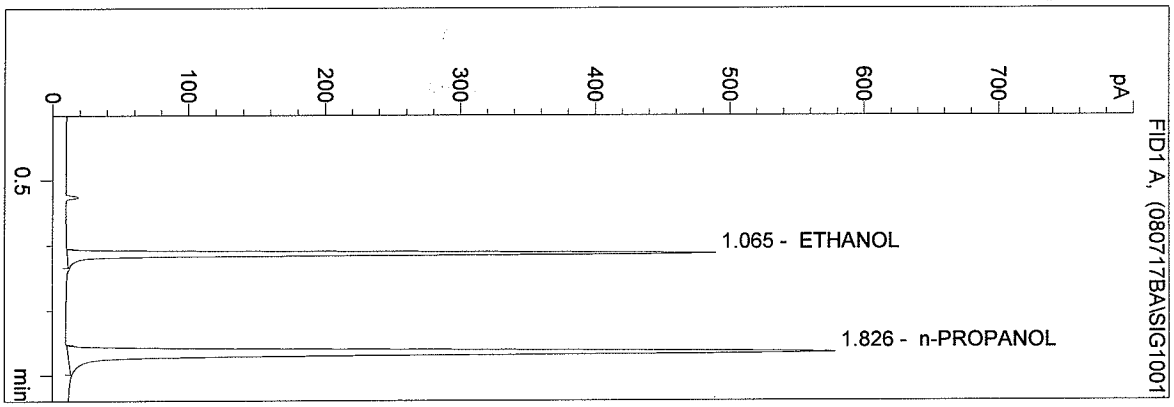
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

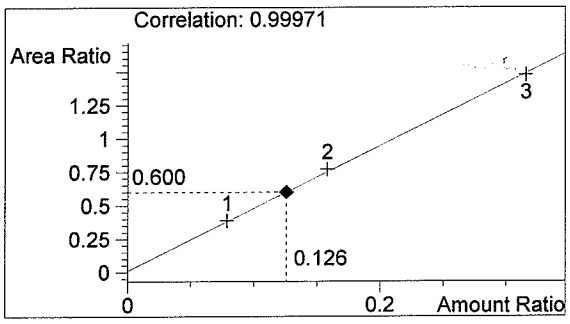
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:35:06 PM
Instrument 3
db-alc2

QA 08035 E
Brianne E. Akins

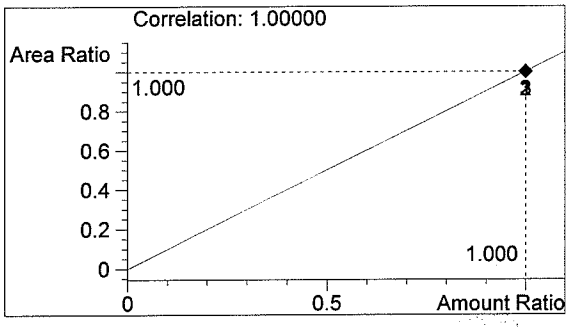
vial # 17



#	Compound	Area	RT
1	ETHANOL	956	1.065
2	n-PROPANOL	1593	1.826
Totals:			



ETHANOL 0.126 g/100ml



n-PROPANOL 1.000 g/100ml

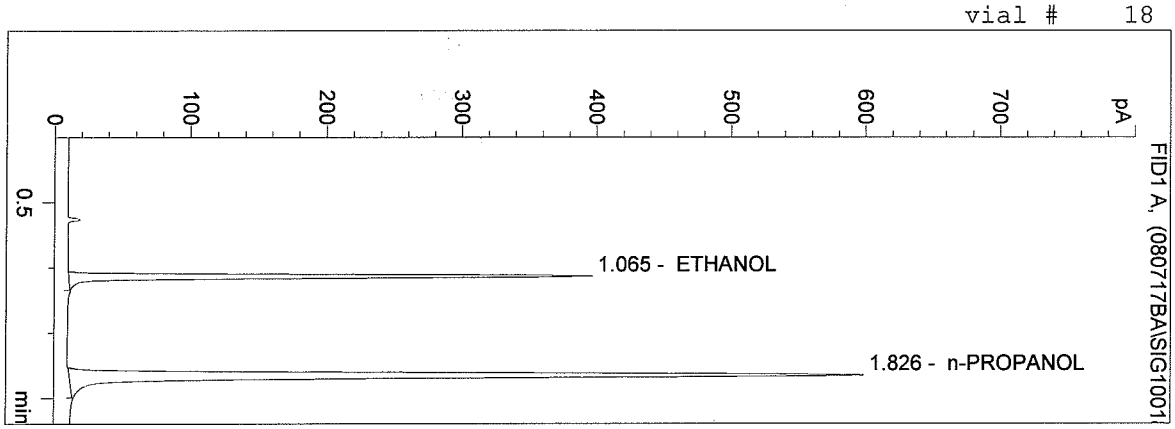
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:38:14 PM
Instrument 3
db-alc2

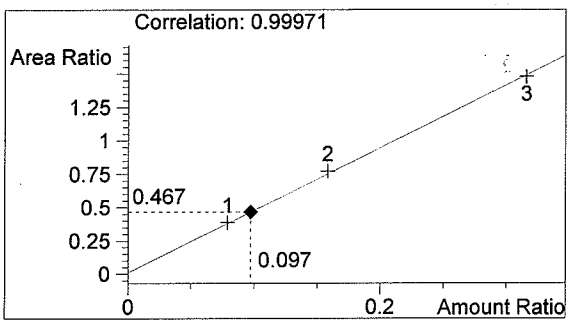
0.10 CONTROL-BA
Brianne E. Akins

vial # 18

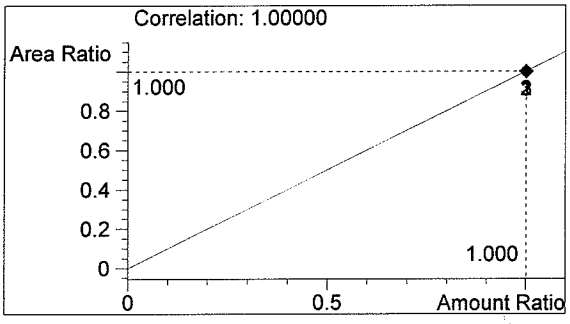


#	Compound	Area	RT
1	ETHANOL	771	1.065
2	n-PROPANOL	1651	1.826

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

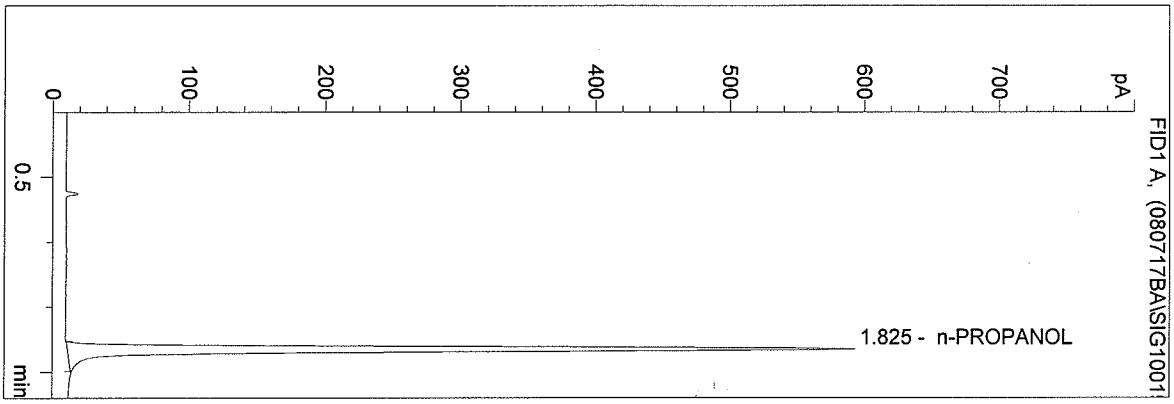
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/17/2008 4:41:21 PM
Instrument 3
db-alc2

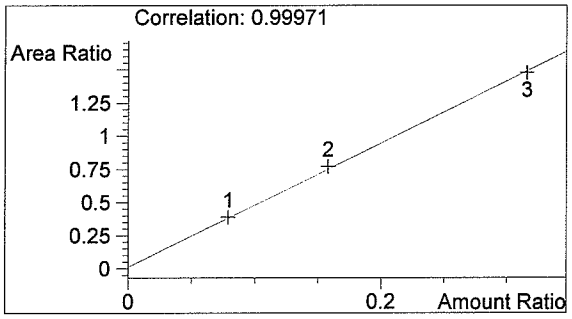
BLANK
Brianne E. Akins

vial # 19

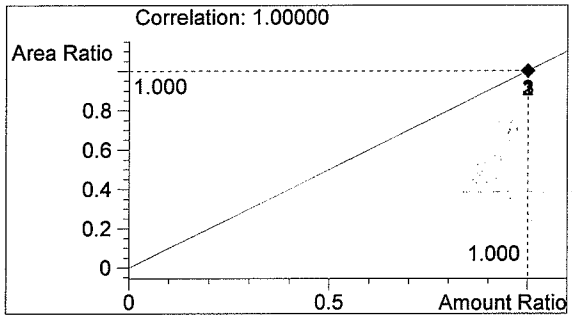


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1636	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BLA

Sequence Parameters:

Operator:	Lisa Noble
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	080722LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot A056758 exp 03/2012
0.10 control lot A056938 exp 04/2012
0.20 control lot A055525 exp 02/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL	BLDALCO3	1	Calib		
5	Vial 5	BLANK LN	BLDALCO3	1	Ctrl Samp		
6	Vial 6	0.04 MIX	BLDALCO3	1	Sample		
7	Vial 7	0.08 MIX	BLDALCO3	1	Sample		
8	Vial 8	0.02 STD	BLDALCO3	1	Sample		
9	Vial 9	0.04 CONTROL LN	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.10 CONTROL LN	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.20 CONTROL LN	BLDALCO3	1	Ctrl Samp		
12	Vial 12	BLANK	BLDALCO3	1	Sample		
13	Vial 13	08035-1	BLDALCO3	1	Sample		
14	Vial 14	08035-2	BLDALCO3	1	Sample		
15	Vial 15	08035-3	BLDALCO3	1	Sample		
16	Vial 16	08035-4	BLDALCO3	1	Sample		
17	Vial 17	08035-5	BLDALCO3	1	Sample		
18	Vial 18	0.10 CONTROL LN	BLDALCO3	1	Ctrl Samp		
19	Vial 19	BLANK LN	BLDALCO3	1	Sample		

Sequence Table (Back Injector):

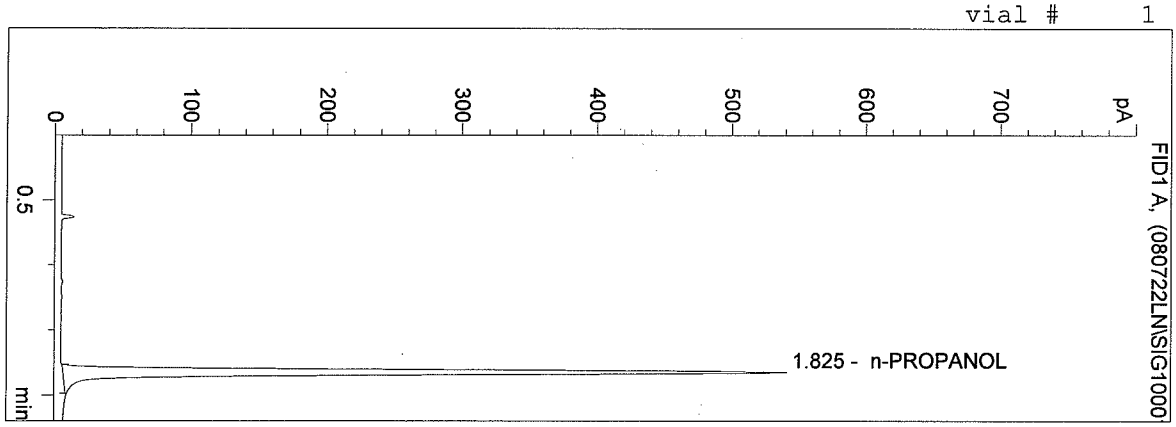
No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 2:14:09 PM
Instrument 3
db-alc2

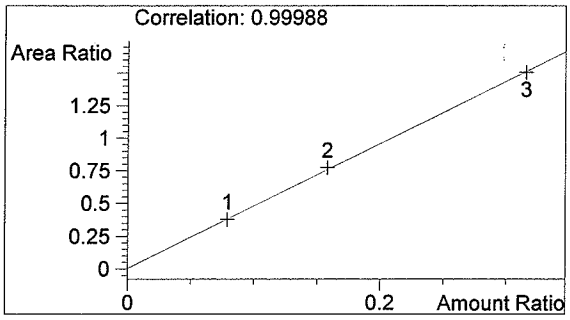
BLANK
Lisa Noble

vial # 1

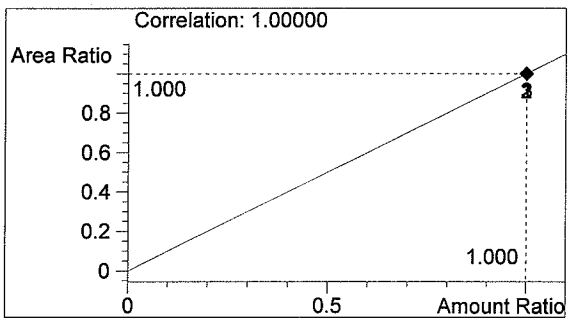


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1494	1.825

Totals:



ETHANOL 0.000 g/100ml



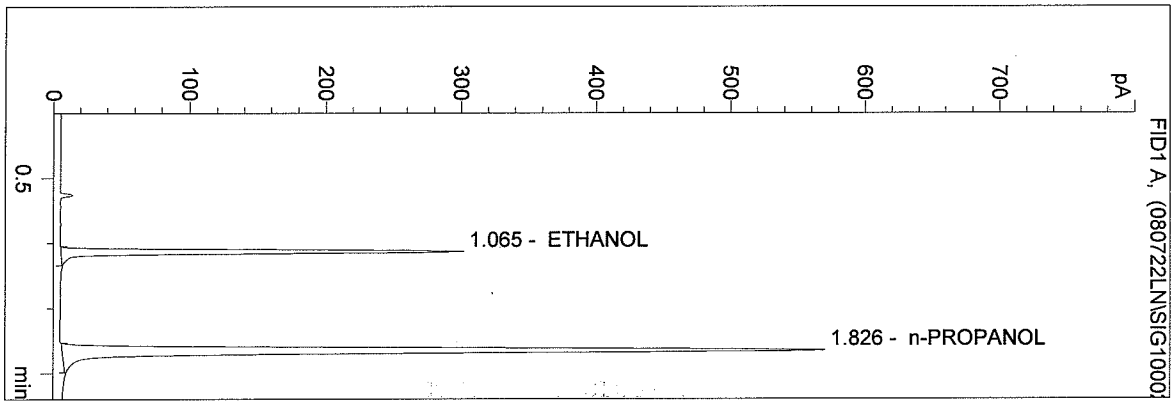
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 2:17:16 PM
Instrument 3
db-alc2

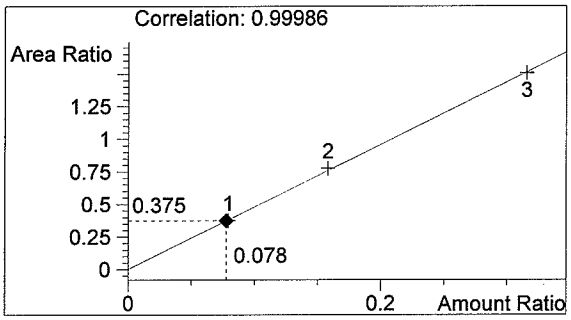
0.079 CAL
Lisa Noble

vial # 2

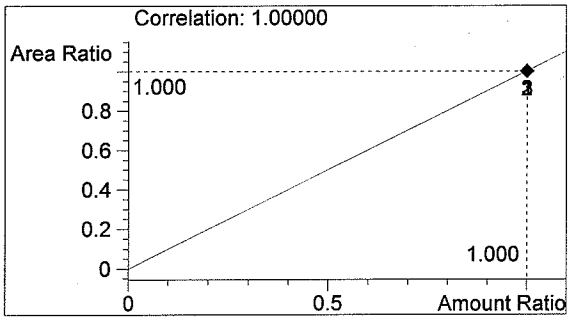


#	Compound	Area	RT
1	ETHANOL	592	1.065
2	n-PROPANOL	1581	1.826

Totals:



ETHANOL 0.078 g/100ml



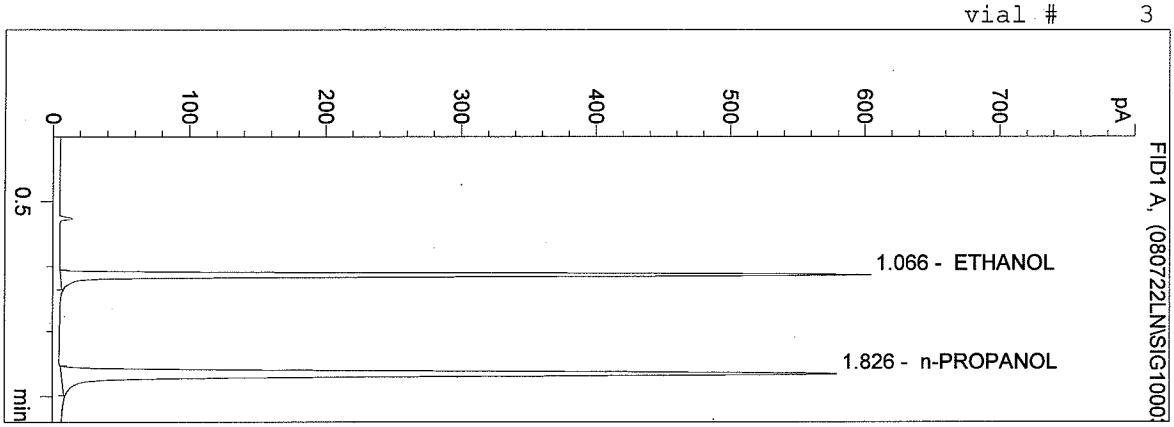
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 2:20:23 PM
Instrument 3
db-alc2

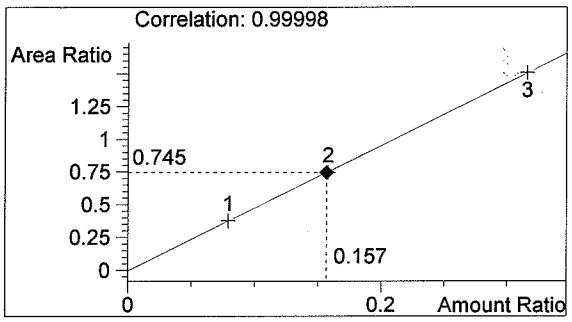
0.158 CAL
Lisa Noble

vial # 3

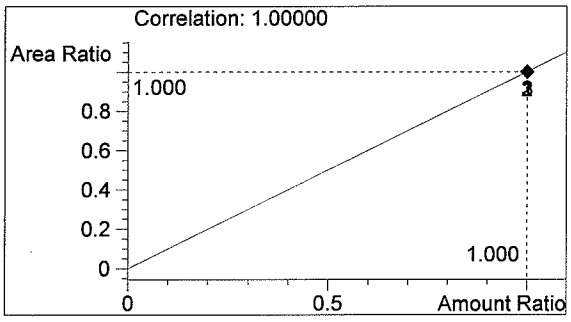


#	Compound	Area	RT
1	ETHANOL	1195	1.066
2	n-PROPANOL	1605	1.826

Totals:



ETHANOL 0.157 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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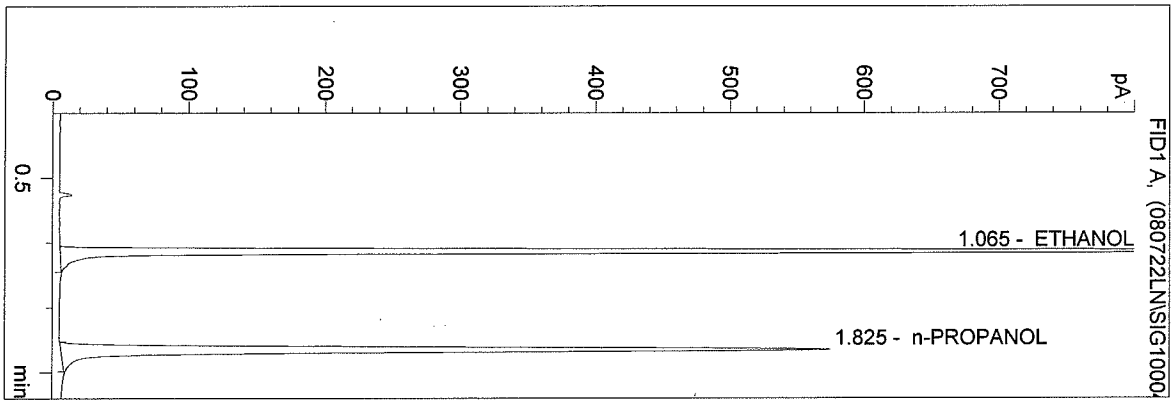
Instrument 3
db-alc2

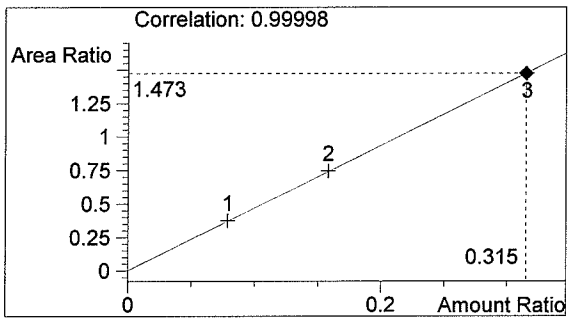
0.316 CAL
Lisa Noble

vial # 4

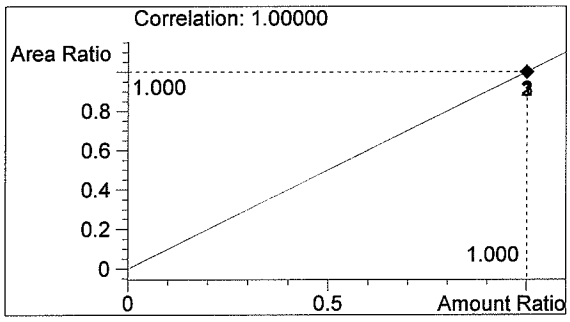


#	Compound	Area	RT
1	ETHANOL	2346	1.065
2	n-PROPANOL	1592	1.825

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

Ln

WASHINGTON STATE TOXICOLOGY LABORATORY

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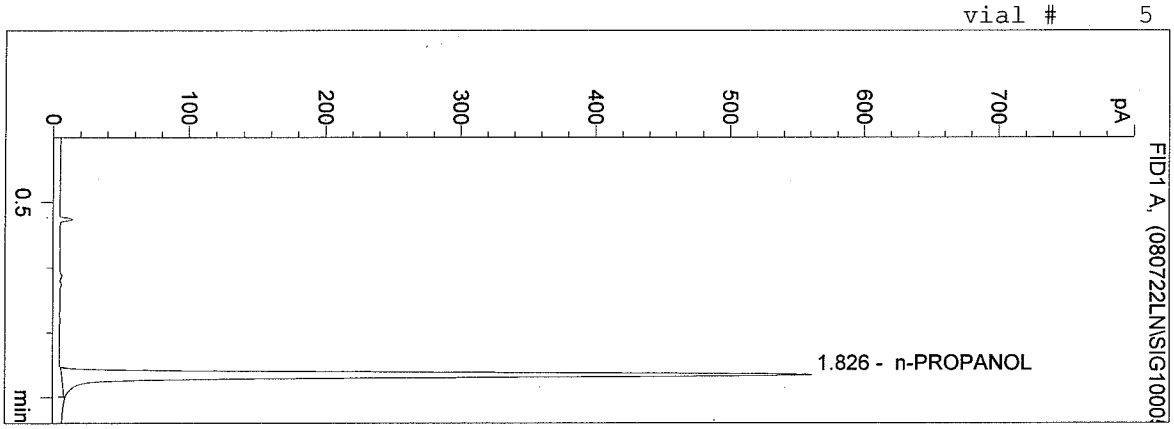
Instrument 3
db-alc2

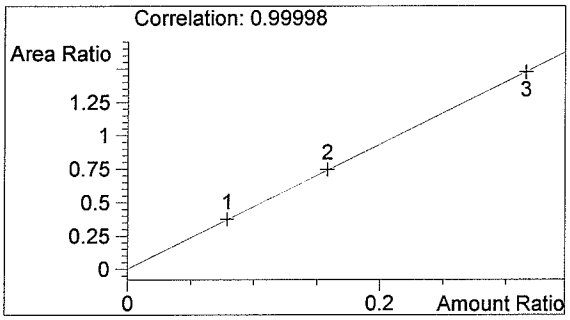
BLANK LN
Lisa Noble

vial # 5

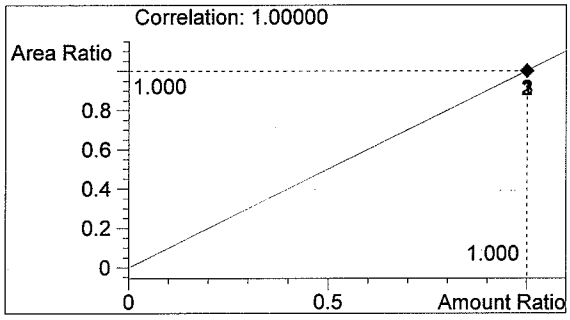


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1555	1.826

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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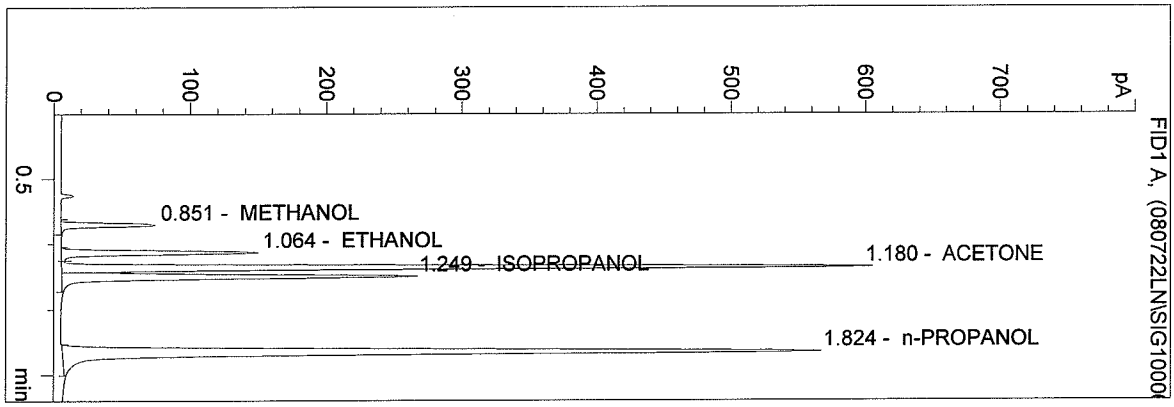
Instrument 3
db-alc2

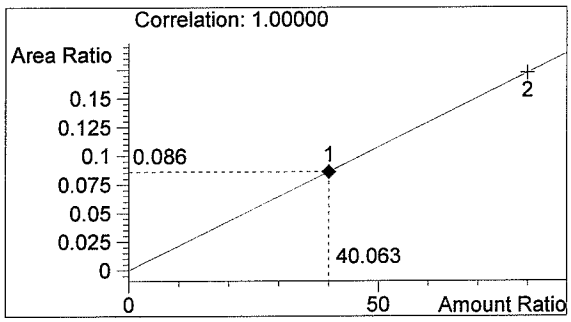
0.04 MIX
Lisa Noble

vial # 6

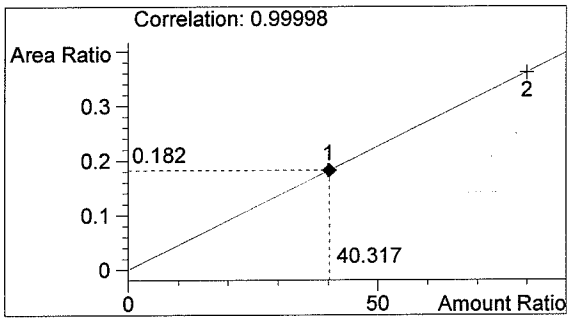


#	Compound	Area	RT
1	METHANOL	136	0.851
2	ETHANOL	288	1.064
3	ACETONE	1159	1.180
4	ISOPROPANOL	589	1.249
5	n-PROPANOL	1581	1.824

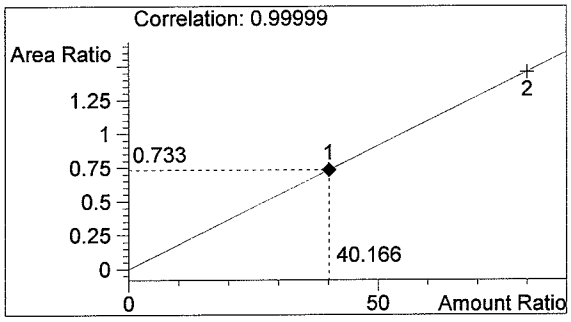
Totals:



METHANOL 40.063 mg/dL



ETHANOL 40.317 mg/dL



ACETONE 40.166 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

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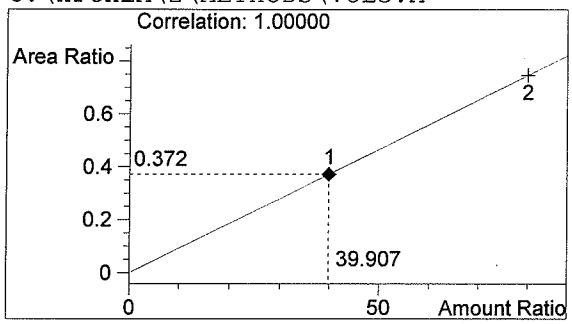
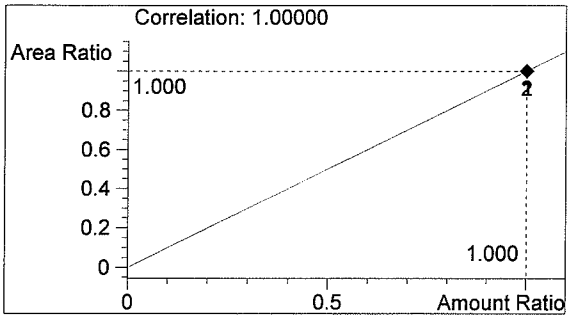


ISOPROPANOL 39.907 mg/dL



n-PROPANOL 1.000 mg/dL

WASHINGTON STATE TOXICOLOGY LABORATORY

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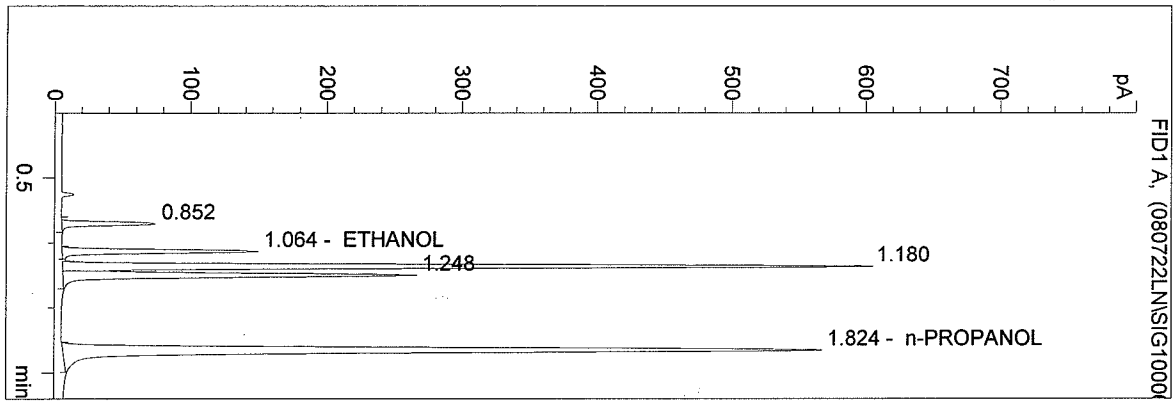
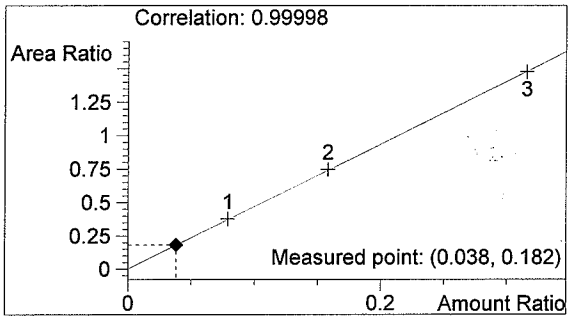
Instrument 3
db-alc2

0.04 MIX
Lisa Noble

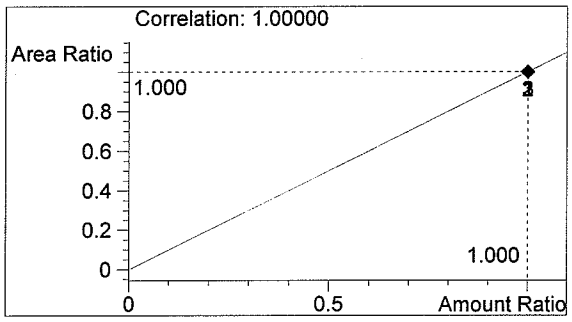
vial # 6



#	Compound	Area	RT
1		135	0.852
2	ETHANOL	287	1.064
3		1153	1.180
4		585	1.248
5	n-PROPANOL	1577	1.824
Totals:			



ETHANOL 0.038 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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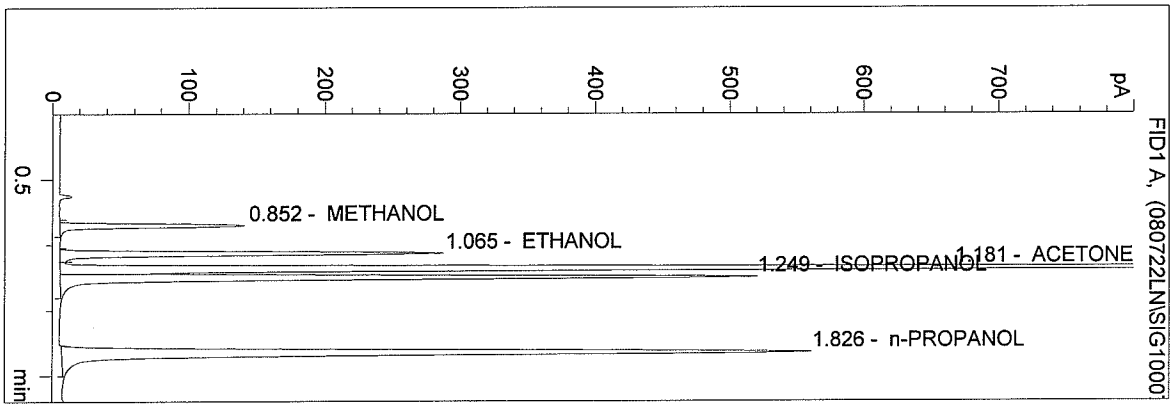
Instrument 3
db-alc2

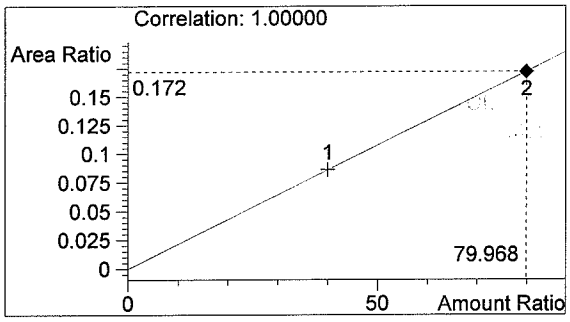
0.08 MIX
Lisa Noble

vial # 7

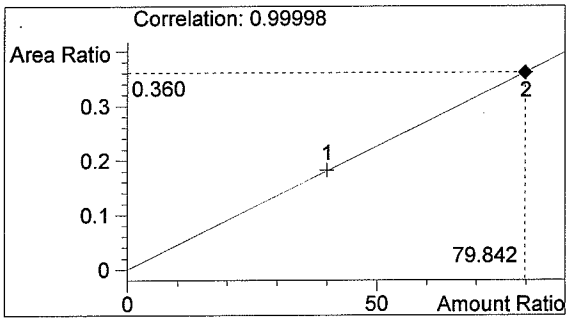


#	Compound	Area	RT
1	METHANOL	268	0.852
2	ETHANOL	561	1.065
3	ACETONE	2266	1.181
4	ISOPROPANOL	1162	1.249
5	n-PROPANOL	1556	1.826

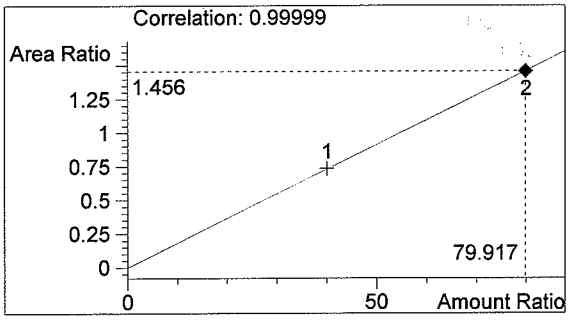
Totals:



METHANOL 79.968 mg/dL



ETHANOL 79.842 mg/dL



ACETONE 79.917 mg/dL

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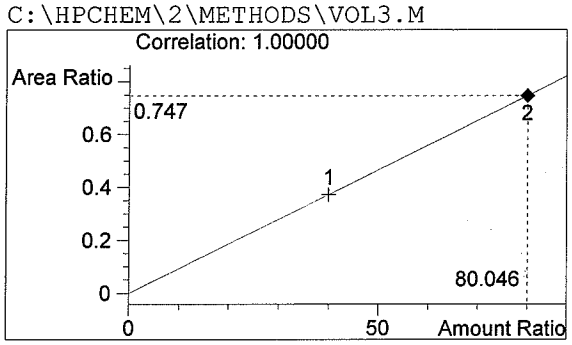
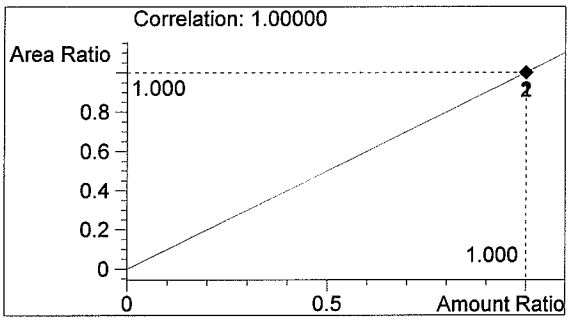


ISOPROPANOL 80.046 mg/dL



n-PROPANOL 1.000 mg/dL

Sn

WASHINGTON STATE TOXICOLOGY LABORATORY

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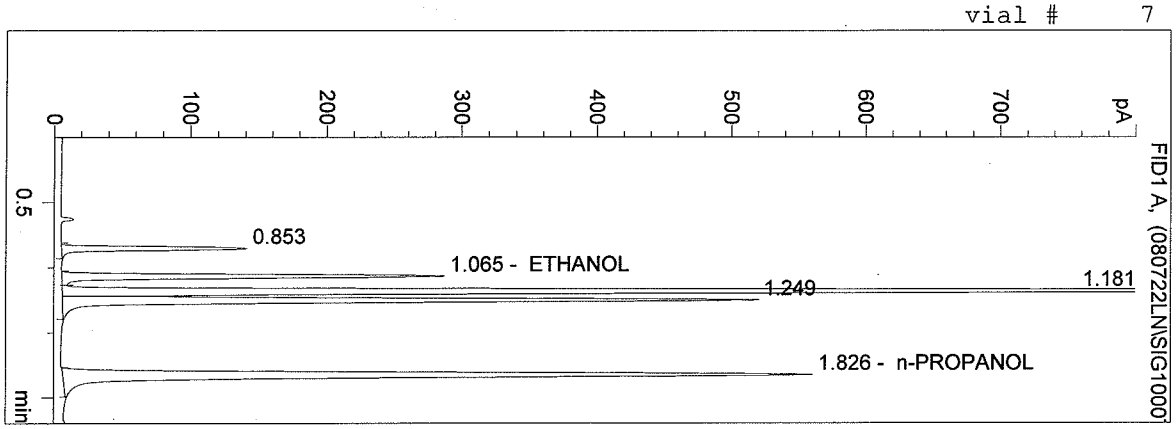
Instrument 3
db-alc2

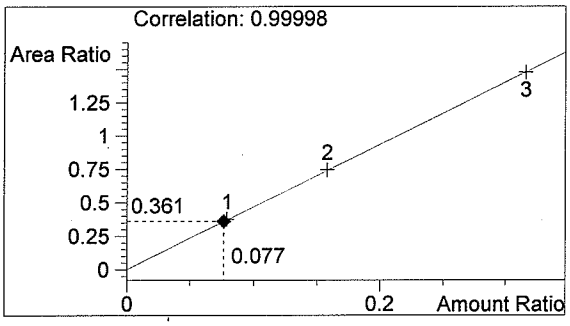
0.08 MIX
Lisa Noble

vial # 7

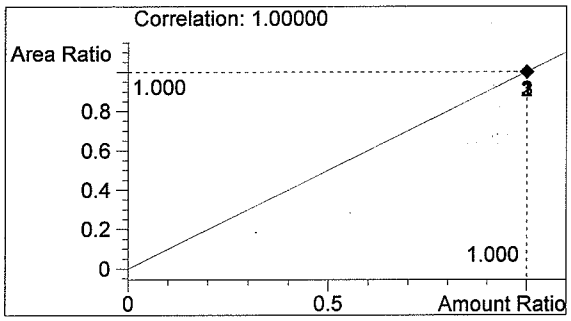


#	Compound	Area	RT
1		266	0.853
2	ETHANOL	560	1.065
3		2259	1.181
4		1160	1.249
5	n-PROPANOL	1553	1.826

Totals:



ETHANOL 0.077 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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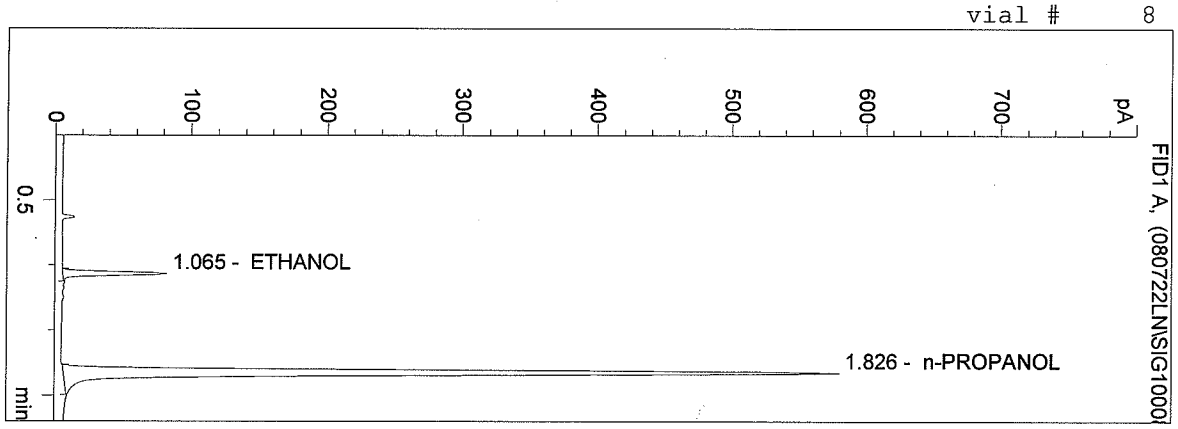
Instrument 3
db-alc2

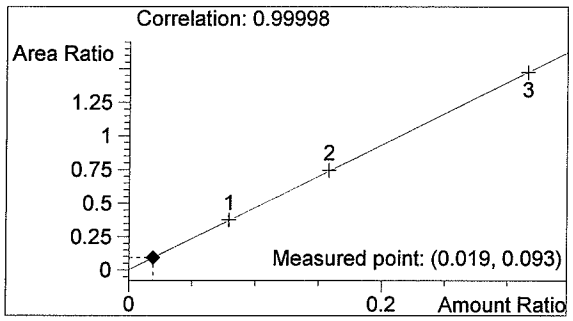
0.02 STD
Lisa Noble

vial # 8

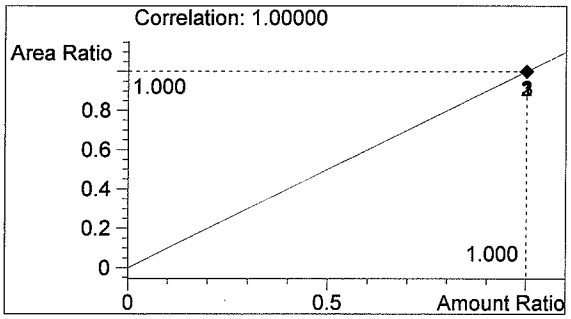


#	Compound	Area	RT
1	ETHANOL	150	1.065
2	n-PROPANOL	1611	1.826

Totals:



ETHANOL 0.019 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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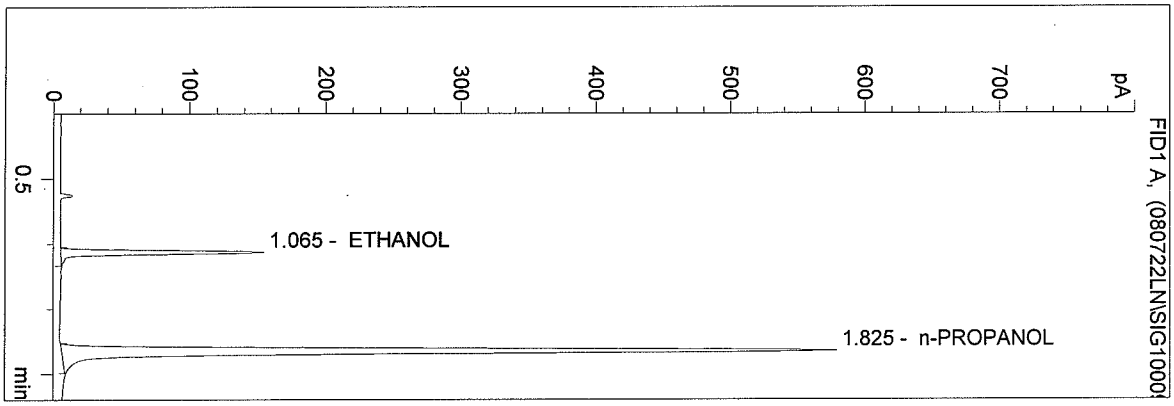
Instrument 3
db-alc2

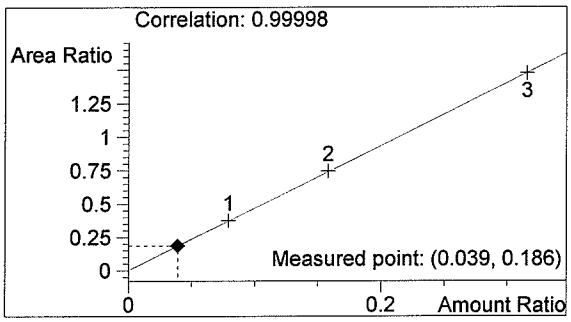
0.04 CONTROL LN
Lisa Noble

vial # 9

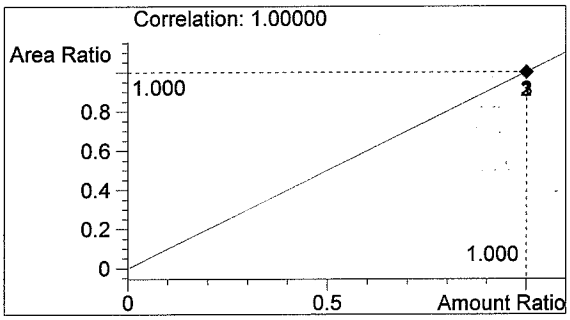


#	Compound	Area	RT
1	ETHANOL	299	1.065
2	n-PROPANOL	1610	1.825

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

Ln

WASHINGTON STATE TOXICOLOGY LABORATORY

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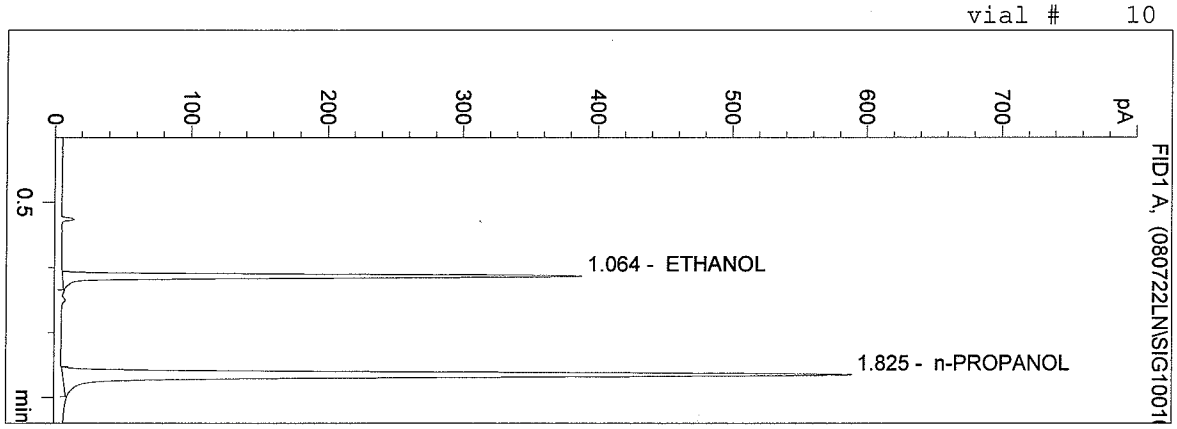
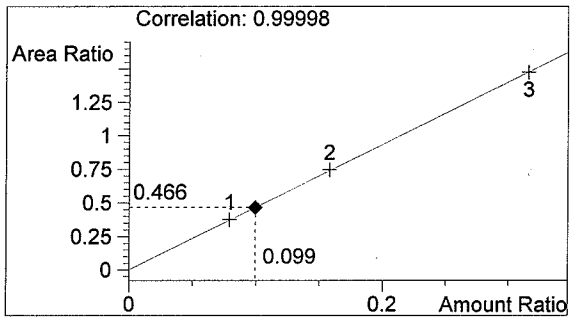
Instrument 3
db-alc2

0.10 CONTROL LN
Lisa Noble

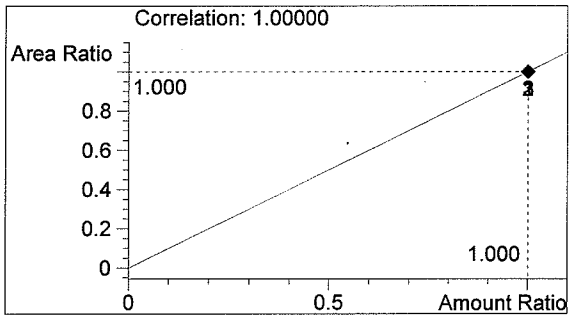
vial # 10



#	Compound	Area	RT
1	ETHANOL	763	1.064
2	n-PROPANOL	1637	1.825
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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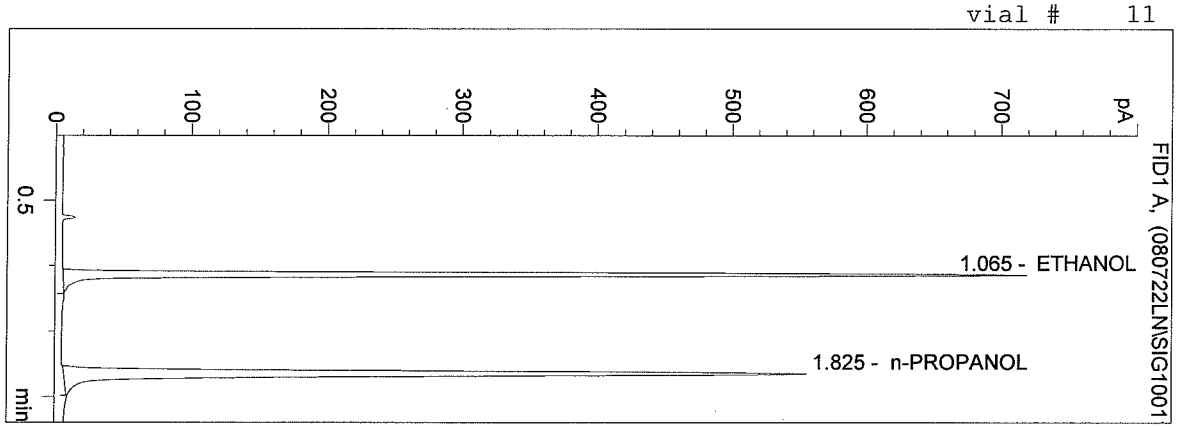
Instrument 3
db-alc2

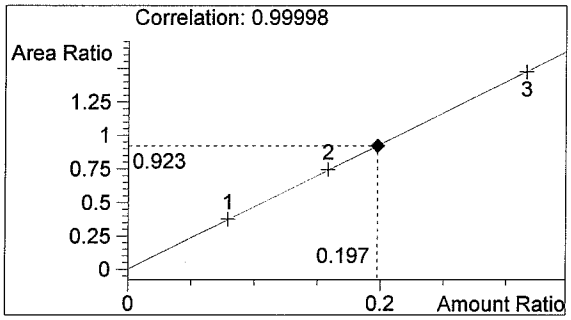
0.20 CONTROL LN
Lisa Noble

vial # 11

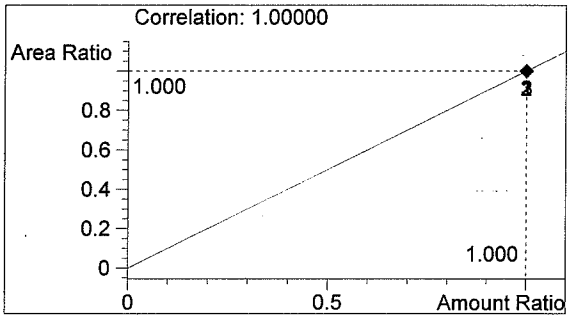


#	Compound	Area	RT
1	ETHANOL	1421	1.065
2	n-PROPANOL	1540	1.825

Totals:



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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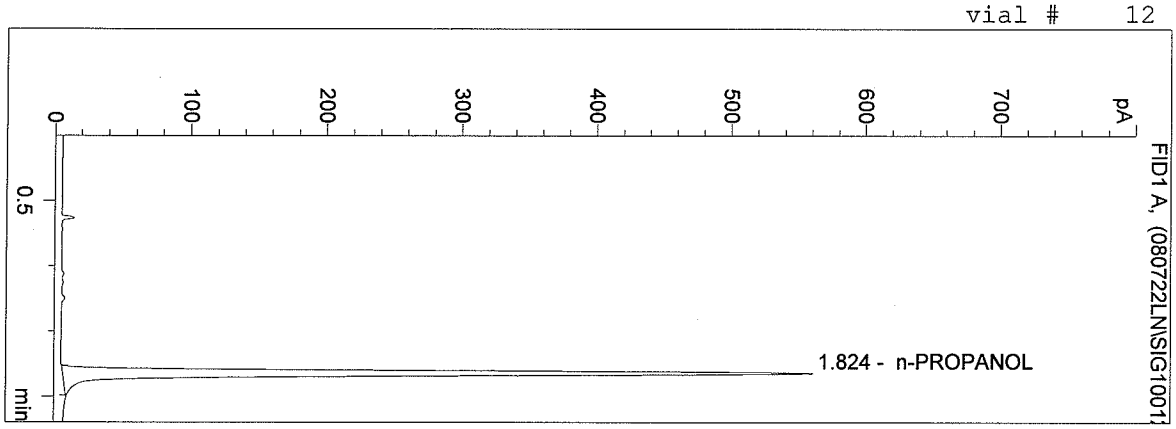
Instrument 3
db-alc2

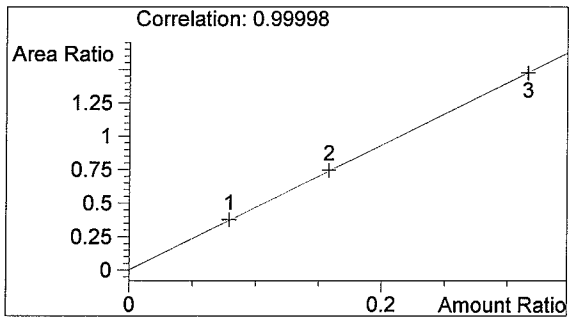
BLANK
Lisa Noble

vial # 12

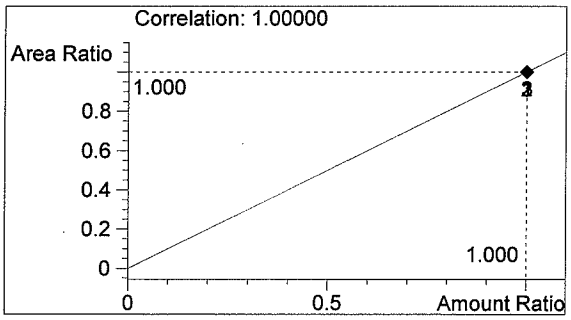


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1560	1.824

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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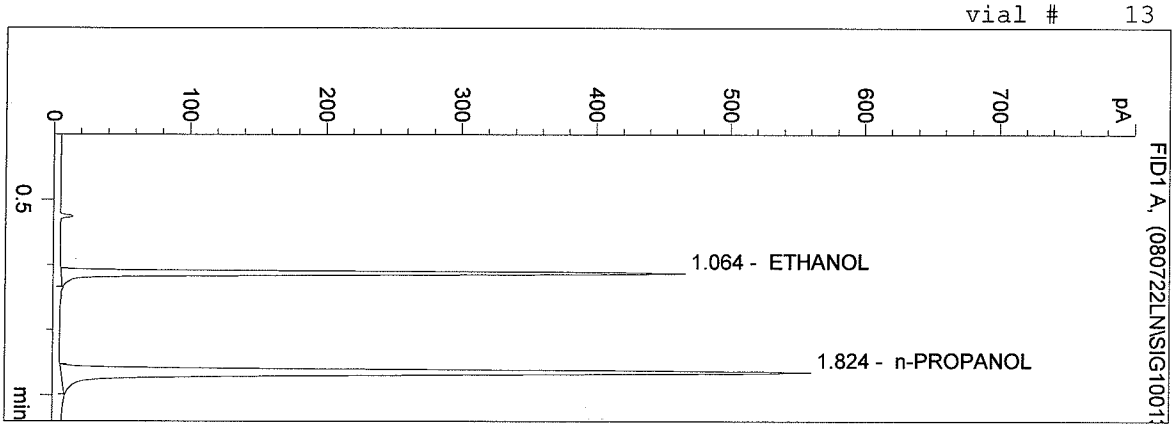
Instrument 3
db-alc2

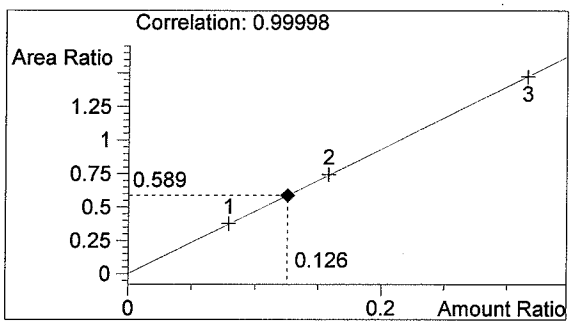
08035-1
Lisa Noble

vial # 13

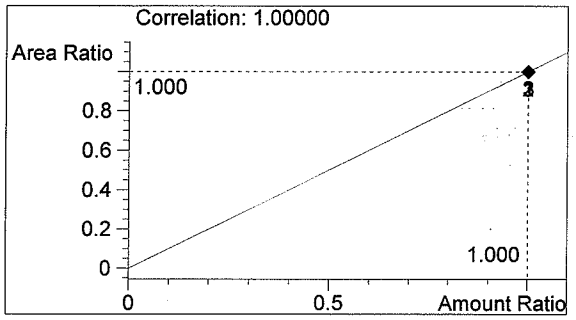


#	Compound	Area	RT
1	ETHANOL	916	1.064
2	n-PROPANOL	1556	1.824

Totals:



ETHANOL 0.126 g/100ml



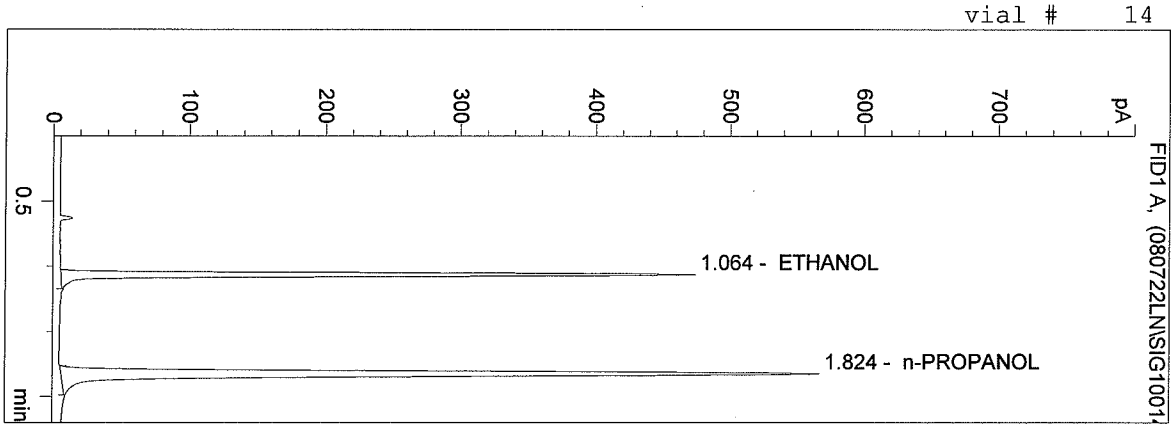
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 2:54:41 PM
Instrument 3
db-alc2

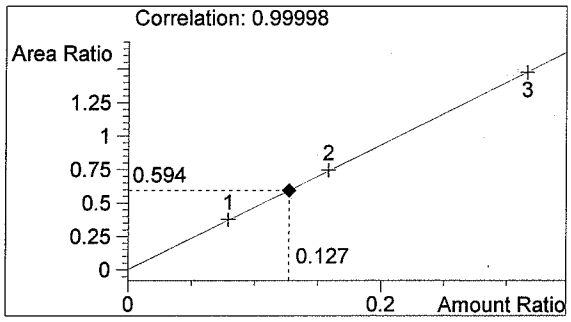
08035-2
Lisa Noble

vial # 14

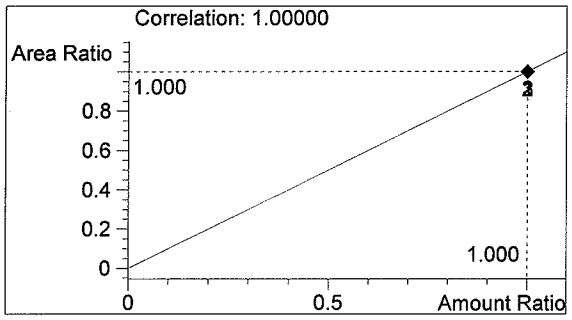


#	Compound	Area	RT
1	ETHANOL	936	1.064
2	n-PROPANOL	1575	1.824

Totals:



ETHANOL 0.127 g/100ml



n-PROPANOL 1.000 g/100ml

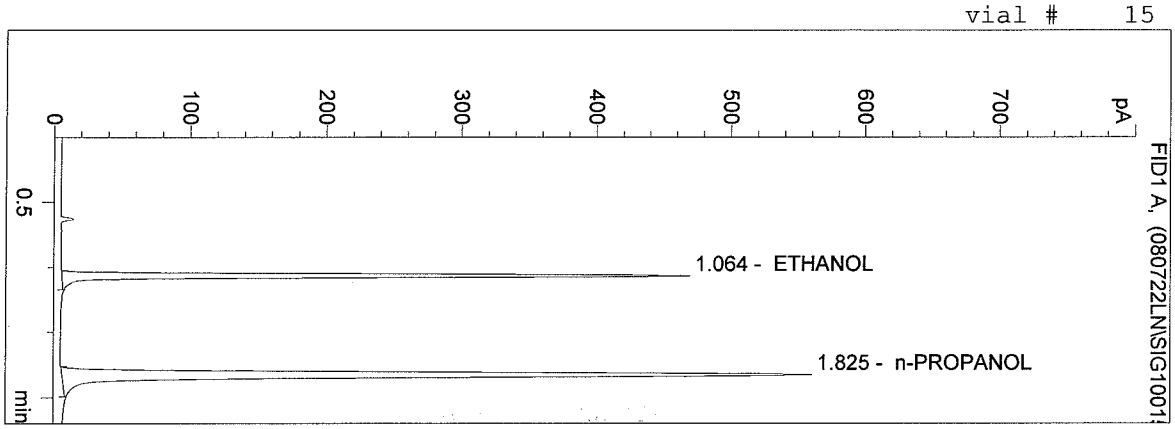
Ln

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 2:57:49 PM
Instrument 3
db-alc2

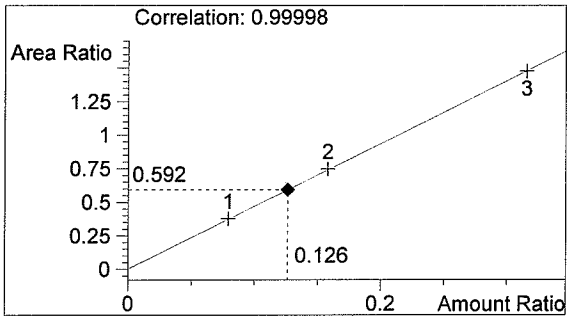
08035-3
Lisa Noble

vial # 15

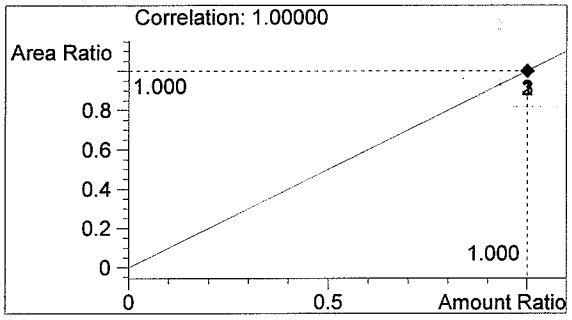


#	Compound	Area	RT
1	ETHANOL	921	1.064
2	n-PROPANOL	1556	1.825

Totals:



ETHANOL 0.126 g/100ml



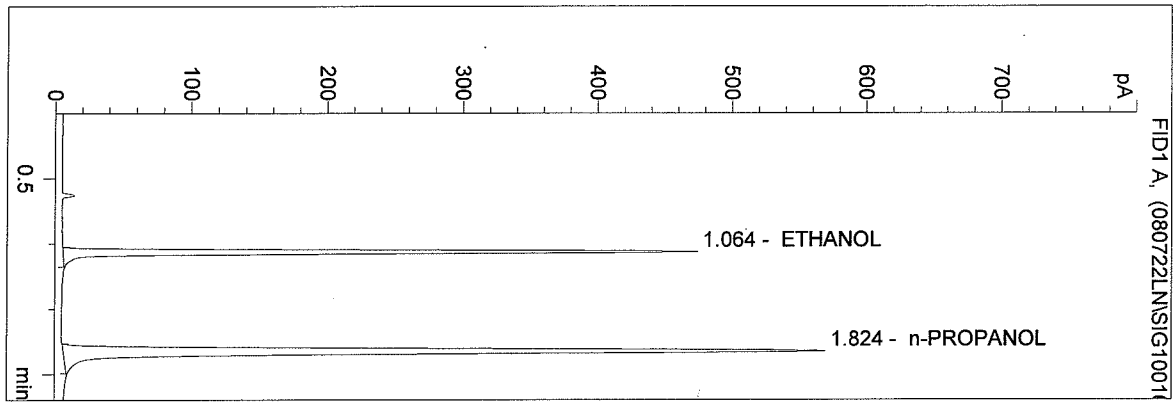
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 3:00:56 PM
Instrument 3
db-alc2

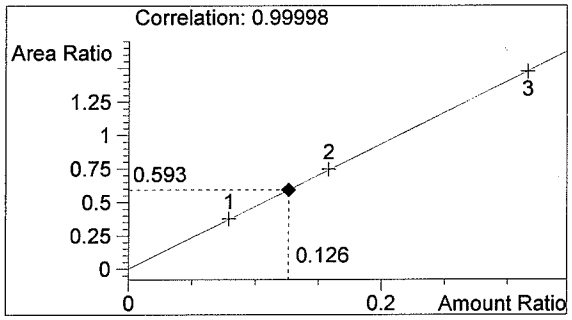
08035-4
Lisa Noble

vial # 16

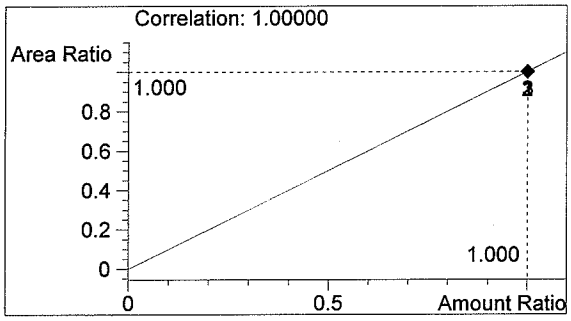


#	Compound	Area	RT
1	ETHANOL	939	1.064
2	n-PROPANOL	1583	1.824

Totals:



ETHANOL 0.126 g/100ml



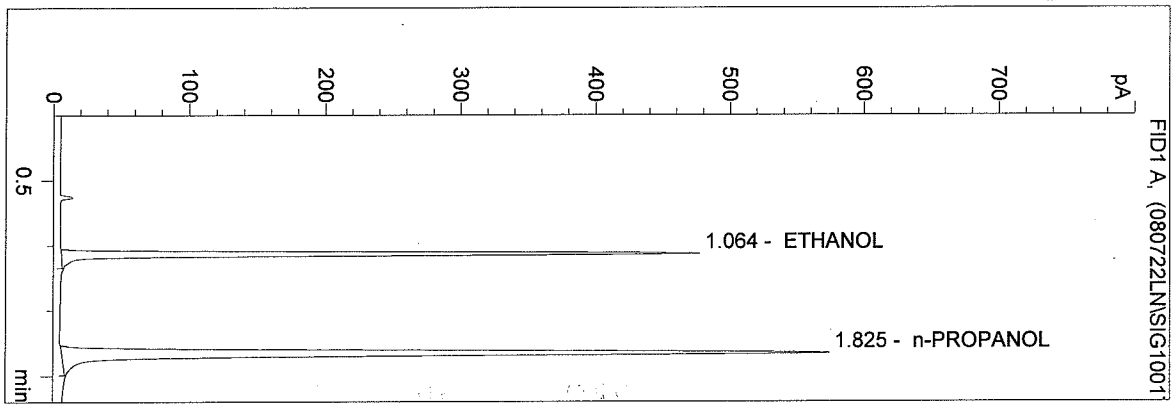
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 3:04:03 PM
Instrument 3
db-alc2

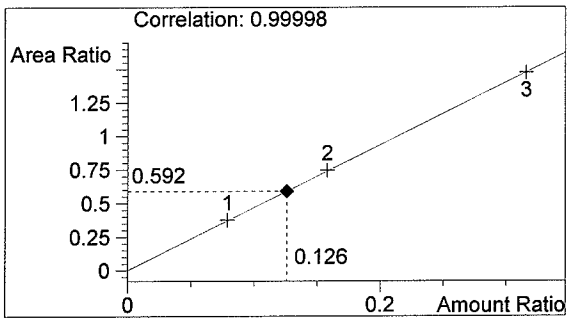
08035-5
Lisa Noble

vial # 17

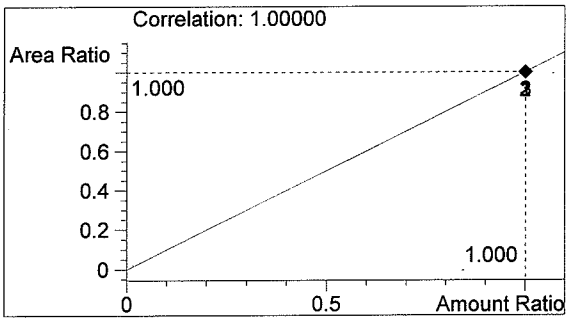


#	Compound	Area	RT
1	ETHANOL	943	1.064
2	n-PROPANOL	1594	1.825

Totals:



ETHANOL 0.126 g/100ml



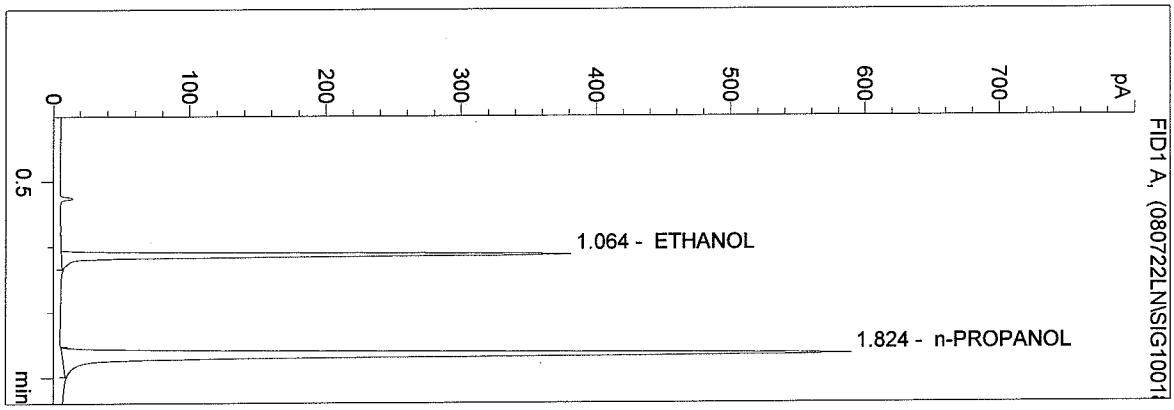
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 3:07:10 PM
Instrument 3
db-alc2

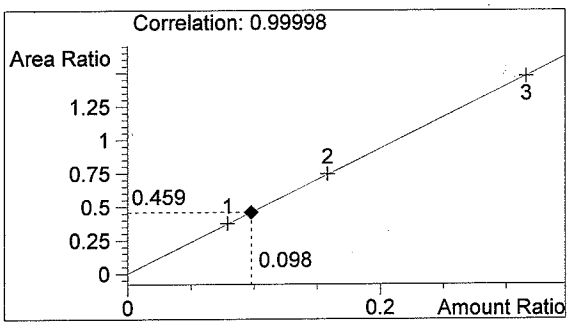
0.10 CONTROL LN
Lisa Noble

vial # 18

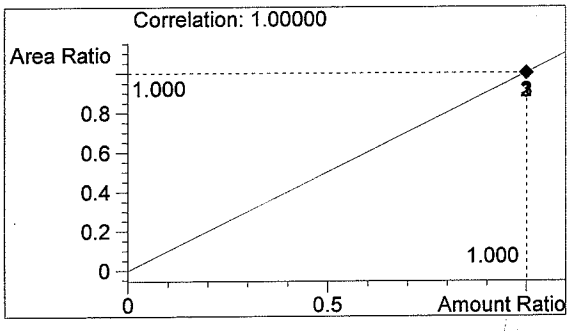


#	Compound	Area	RT
1	ETHANOL	751	1.064
2	n-PROPANOL	1635	1.824

Totals:



ETHANOL 0.098 g/100ml



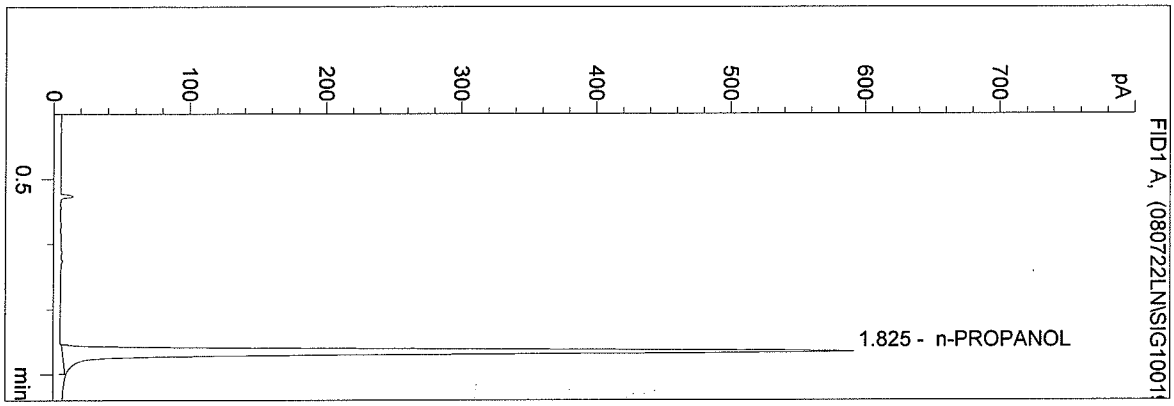
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/22/2008 3:10:17 PM
Instrument 3
db-alc2

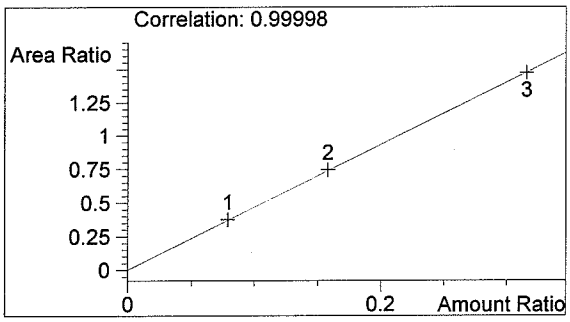
BLANK LN
Lisa Noble

vial # 19

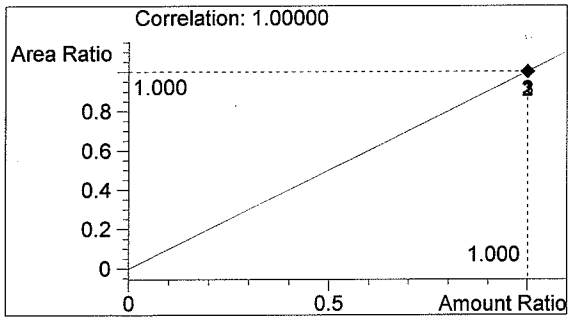


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1639	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

Sequence Parameters:

Operator:	N Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	080723NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control; Lot # A056758, Expiration 3/2012
0.10 Control; Lot # A056938, Expiration 4/2012
0.20 Control; Lot # A055525, Expiration 2/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	BLDALCO3	1	Sample		
2	Vial 2	0.079 CAL1	BLDALCO3	1	Calib		
3	Vial 3	0.158 CAL2	BLDALCO3	1	Calib		
4	Vial 4	0.316 CAL3	BLDALCO3	1	Calib		
5	Vial 5	Blank -NN	BLDALCO3	1	Ctrl Samp		
6	Vial 6	0.020	BLDALCO3	1	Sample		
7	Vial 7	40 Vol-mix	VOL3	1	Calib		
8	Vial 8	80 Vol-mix	VOL3	1	Calib		
9	Vial 9	0.040 CTRL-NN	BLDALCO3	1	Ctrl Samp		
10	Vial 10	0.100 CTRL-NN	BLDALCO3	1	Ctrl Samp		
11	Vial 11	0.200 CTRL-NN	BLDALCO3	1	Ctrl Samp		
12	Vial 12	Blank	BLDALCO3	1	Sample		
13	Vial 13	08035 QA-1	BLDALCO3	1	Sample		
14	Vial 14	08035 QA-2	BLDALCO3	1	Sample		
15	Vial 15	08035 QA-3	BLDALCO3	1	Sample		
16	Vial 16	08035 QA-4	BLDALCO3	1	Sample		
17	Vial 17	08035 QA-5	BLDALCO3	1	Sample		
18	Vial 18	0.100 CTRL-NN	BLDALCO3	1	Ctrl Samp		
19	Vial 19	Blank	BLDALCO3	1	Sample		

Quantification Part:

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
1	Vial 1	BLANK				
2	Vial 2	0.079 CAL1				
3	Vial 3	0.158 CAL2				
4	Vial 4	0.316 CAL3				
5	Vial 5	Blank -NN				
6	Vial 6	0.020				

Sequence: C:\HPCHEM\2\SEQUENCE\NNSIM.S

Line	Location	SampleName	SampleAmount	ISTDAmt	Multiplier	Dilution
7	Vial 7	40 Vol-mix				
8	Vial 8	80 Vol-mix				
9	Vial 9	0.040 CTRL-NN				
10	Vial 10	0.100 CTRL-NN				
11	Vial 11	0.200 CTRL-NN				
12	Vial 12	Blank				
13	Vial 13	08035 QA-1				
14	Vial 14	08035 QA-2				
15	Vial 15	08035 QA-3				
16	Vial 16	08035 QA-4				
17	Vial 17	08035 QA-5				
18	Vial 18	0.100 CTRL-NN				
19	Vial 19	Blank				

Sequence Table (Back Injector):

No entries - empty table!

WASHINGTON STATE TOXICOLOGY LABORATORY

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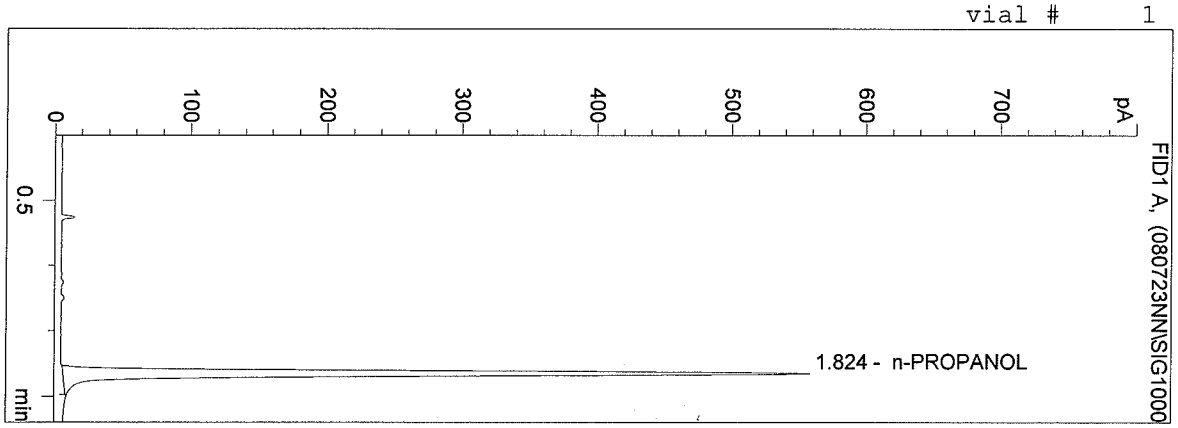
Instrument 3
db-alc2

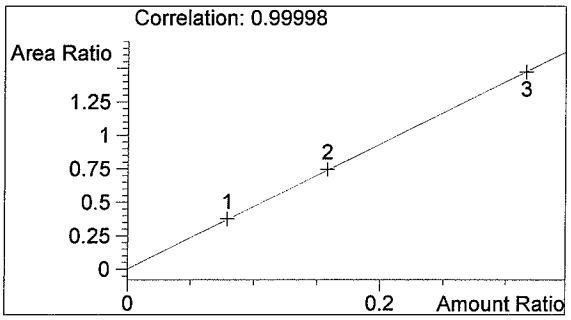
BLANK
N Nuwayhid, PhD

vial # 1

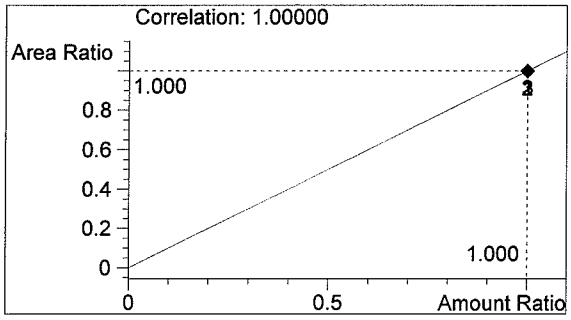


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1545	1.824

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

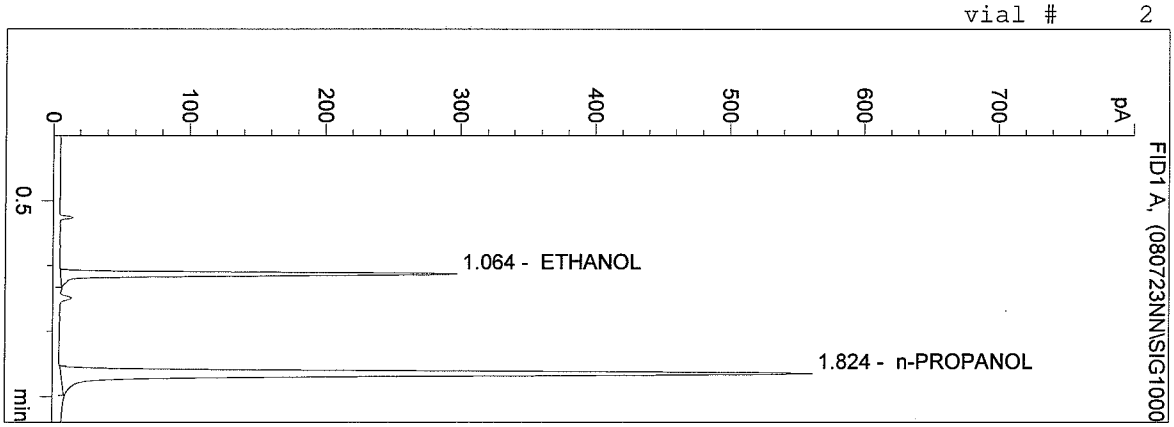
NN
7/28/08

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/23/2008 11:19:13 AM
Instrument 3
db-alc2

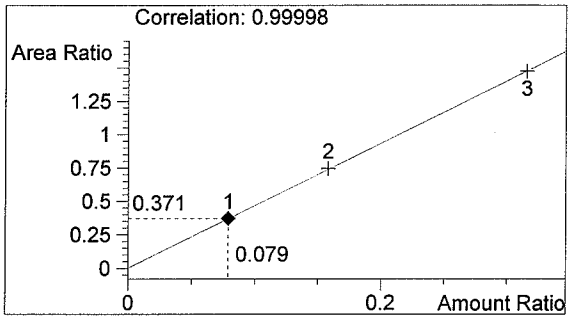
0.079 CAL1
N Nuwayhid, PhD

vial # 2

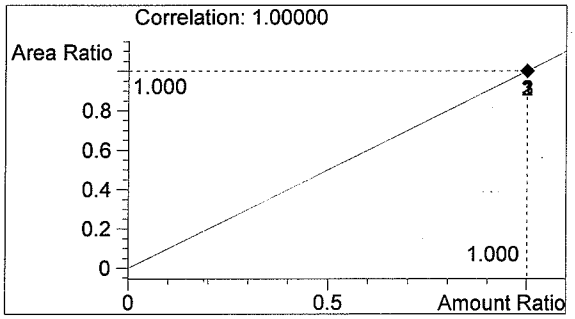


#	Compound	Area	RT
1	ETHANOL	577	1.064
2	n-PROPANOL	1556	1.824

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

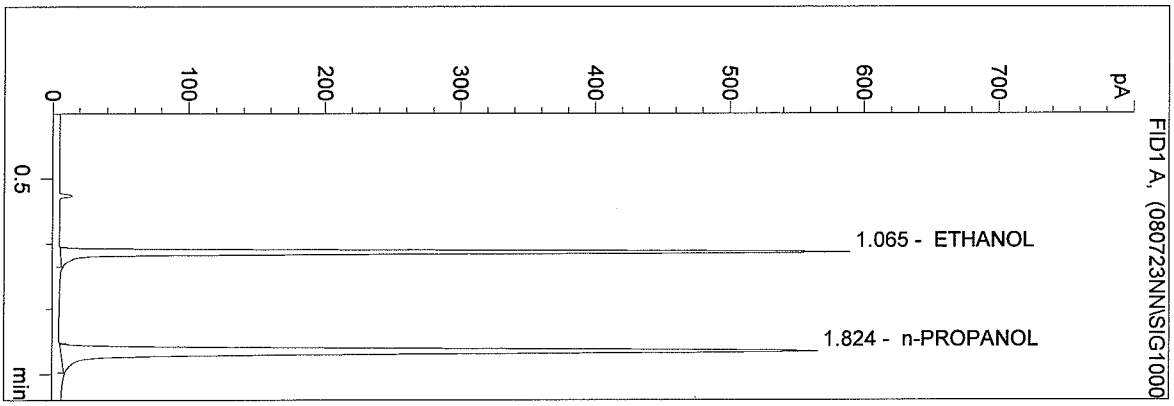
7/28/08
NN

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/23/2008 11:22:20 AM
Instrument 3
db-alc2

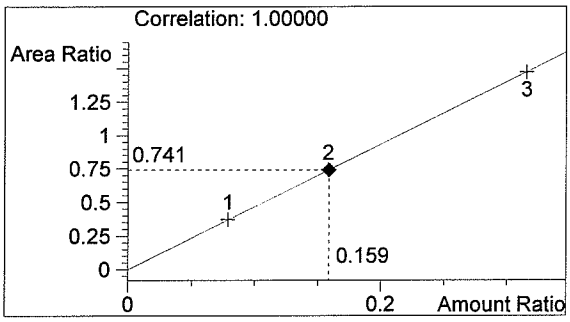
0.158 CAL2
N Nuwayhid, PhD

vial # 3

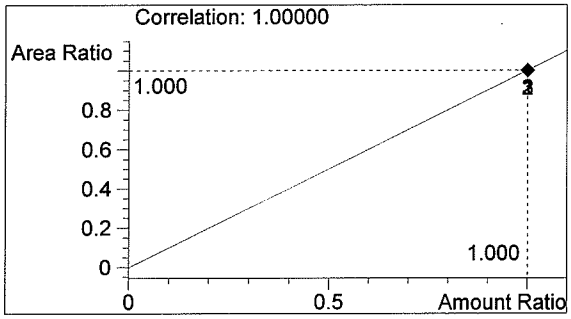


#	Compound	Area	RT
1	ETHANOL	1165	1.065
2	n-PROPANOL	1574	1.824

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

7/28/08

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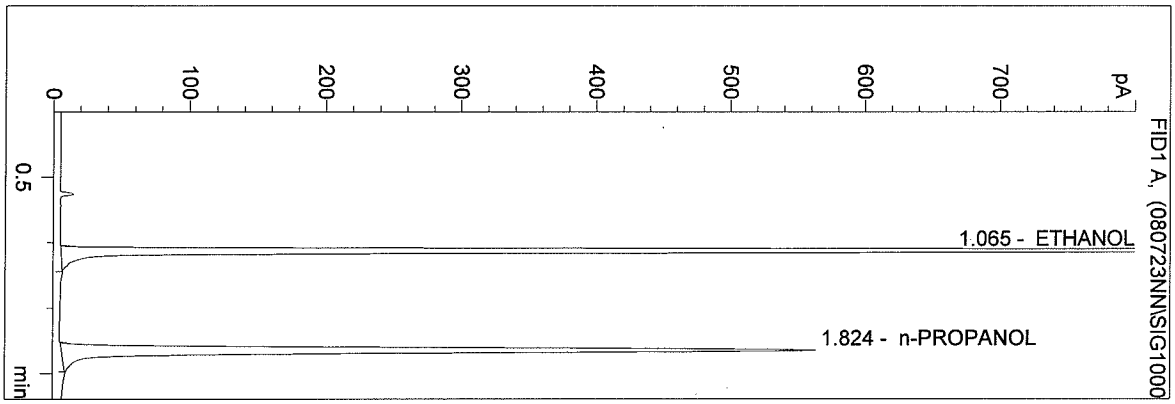
C:\HPCHEM\2\METHODS\BLDALCO3.M
7/23/2008 11:25:27 AM
Instrument 3
db-alc2

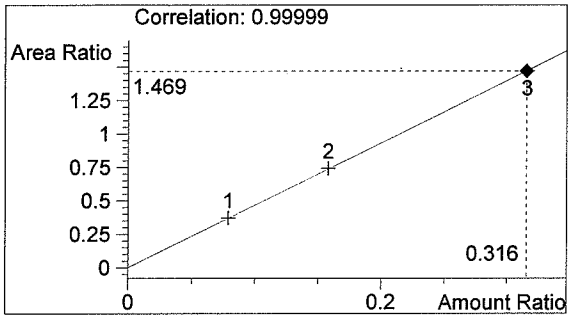
0.316 CAL3
N Nuwayhid, PhD

vial # 4

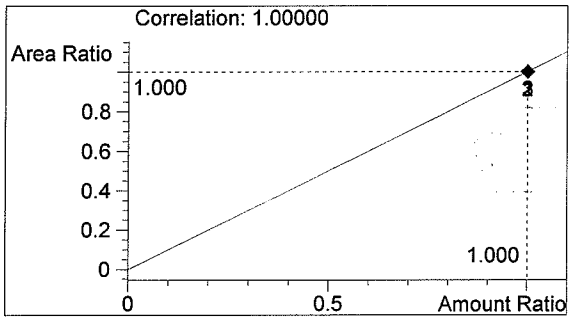


#	Compound	Area	RT
1	ETHANOL	2294	1.065
2	n-PROPANOL	1562	1.824

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

7/28/08
NN

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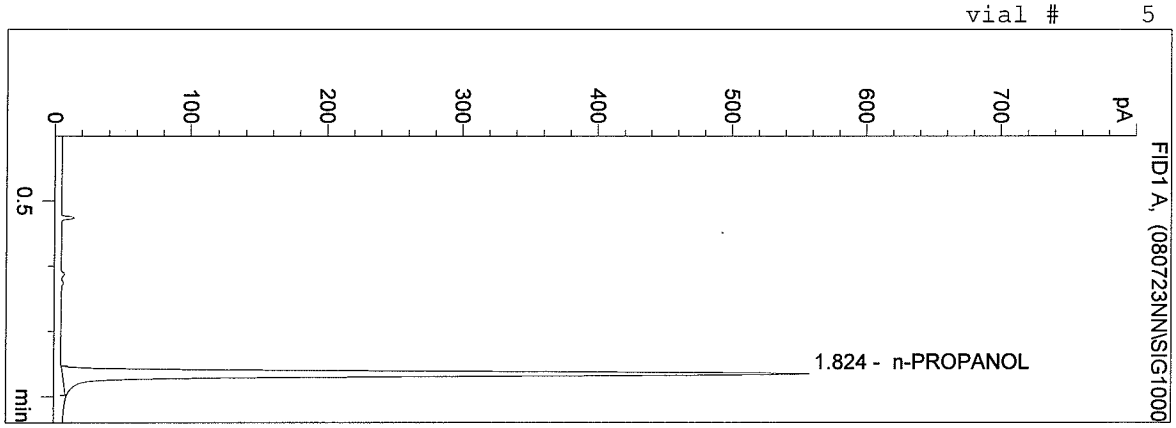
7/23/2008 11:28:35 AM
Instrument 3
db-alc2

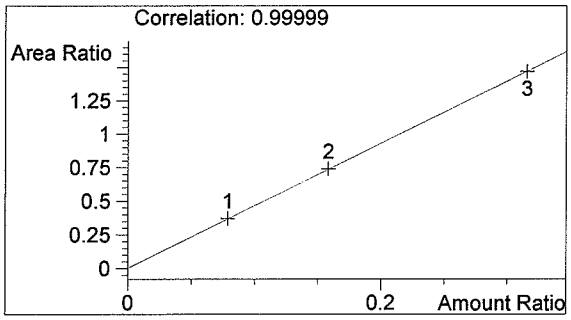
Blank -NN
N Nuwayhid, PhD

vial # 5

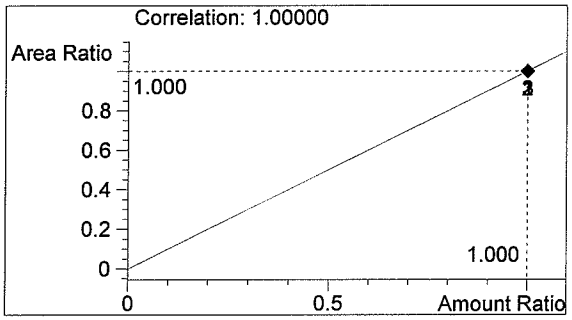


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1549	1.824

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

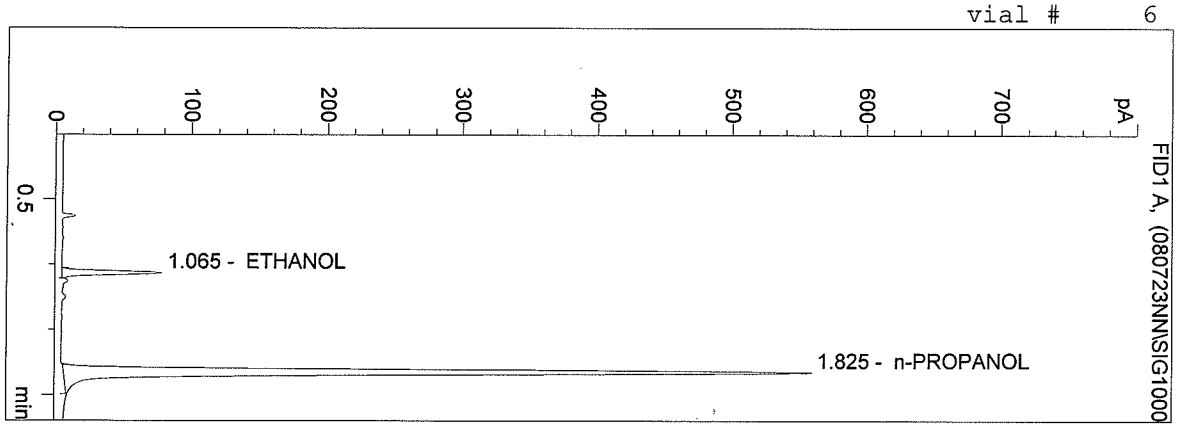
7/28/08

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO3.M
7/23/2008 11:31:42 AM
Instrument 3
db-alc2

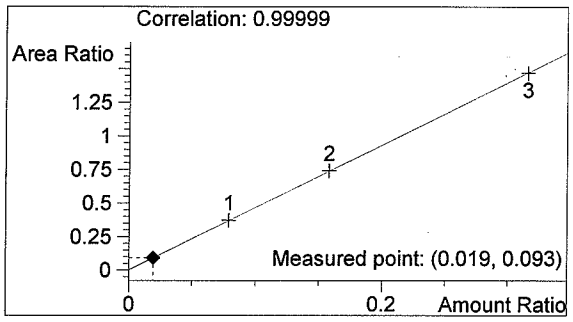
0.020
N Nuwayhid, PhD

vial # 6

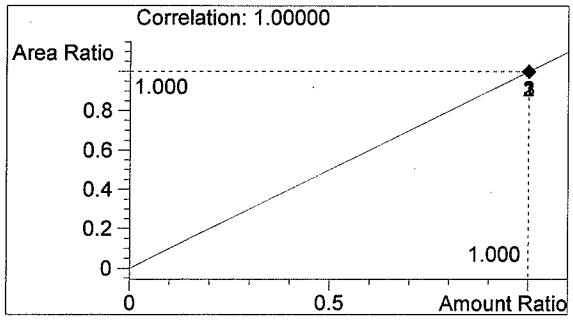


#	Compound	Area	RT
1	ETHANOL	144	1.065
2	n-PROPANOL	1552	1.825

Totals:



ETHANOL 0.019 g/100ml



n-PROPANOL 1.000 g/100ml

7/28/08

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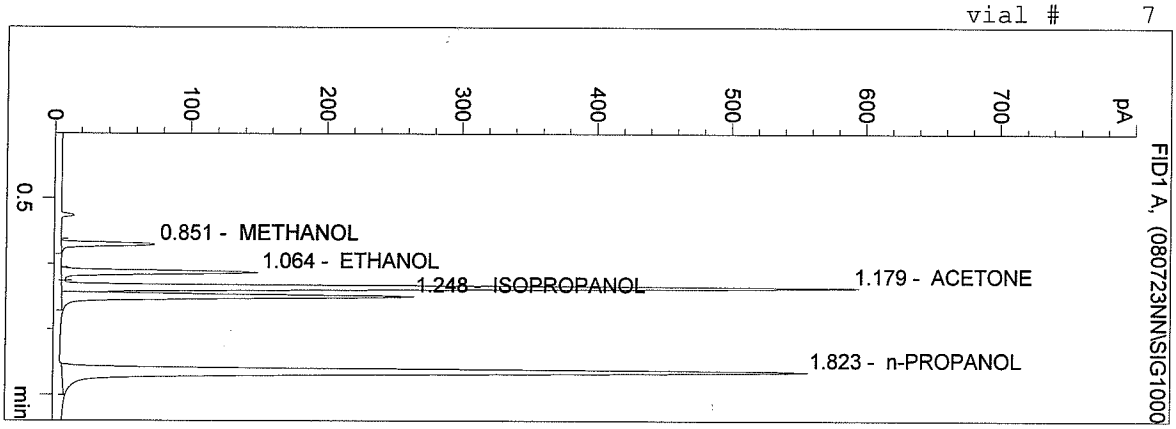
C:\HPCHEM\2\METHODS\VOL3.M
7/23/2008 11:34:49 AM
Instrument 3
db-alc2

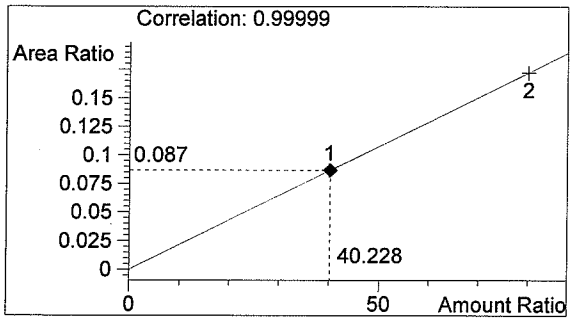
40 Vol-mix
N Nuwayhid, PhD

vial # 7

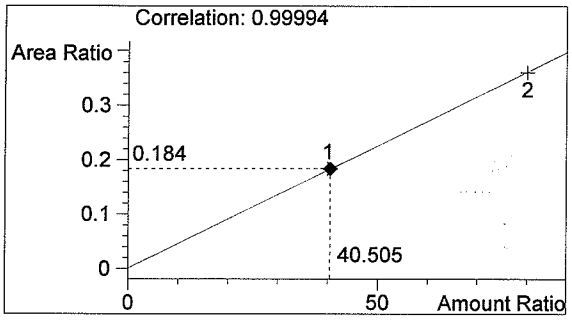


#	Compound	Area	RT
1	METHANOL	134	0.851
2	ETHANOL	285	1.064
3	ACETONE	1137	1.179
4	ISOPROPANOL	581	1.248
5	n-PROPANOL	1550	1.823

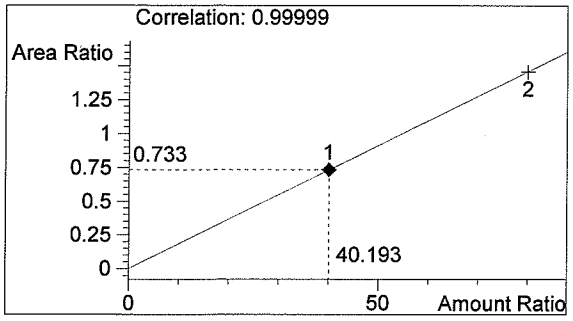
Totals:



METHANOL 40.228 mg/dL



ETHANOL 40.505 mg/dL



ACETONE 40.193 mg/dL

7/28/08

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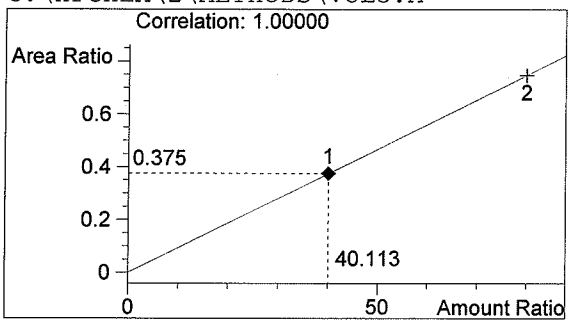
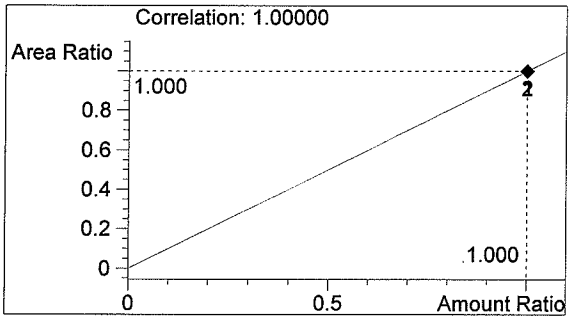


ISOPROPANOL 40.113 mg/dL



n-PROPANOL 1.000 mg/dL

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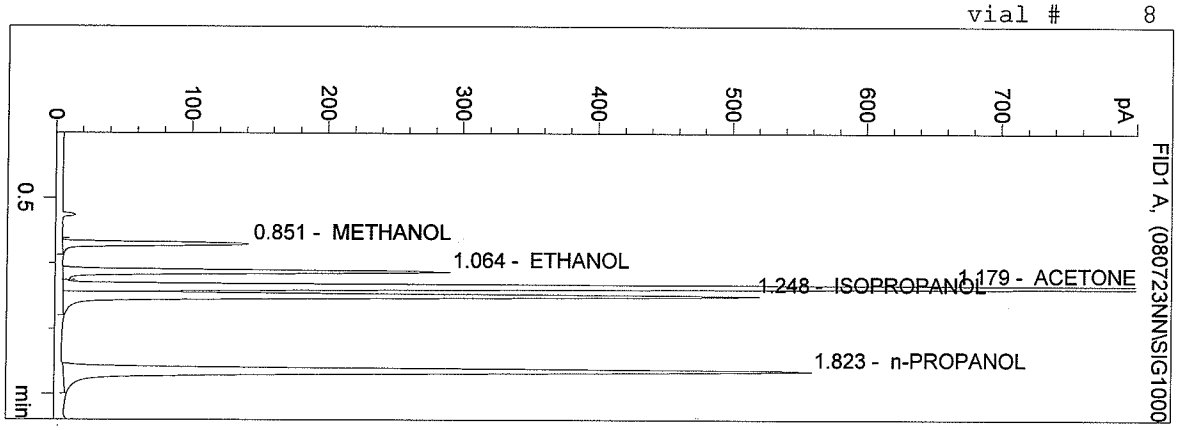
Instrument 3
db-alc2

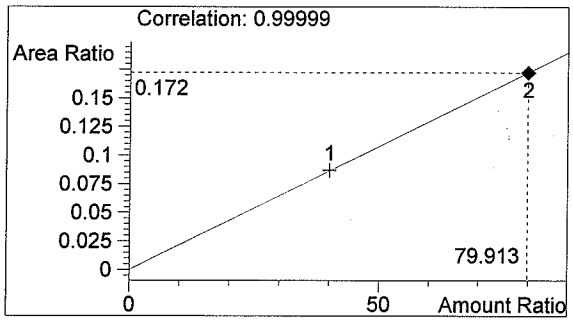
80 Vol-mix
N Nuwayhid, PhD

vial # 8

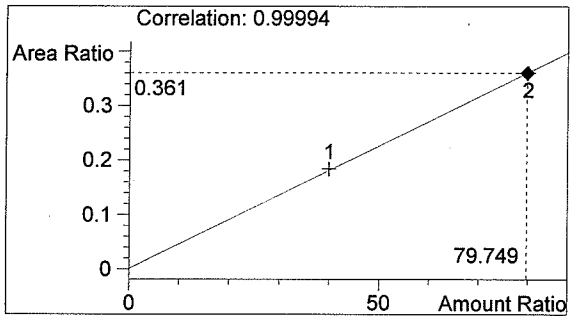


#	Compound	Area	RT
1	METHANOL	267	0.851
2	ETHANOL	559	1.064
3	ACETONE	2235	1.179
4	ISOPROPANOL	1156	1.248
5	n-PROPANOL	1550	1.823

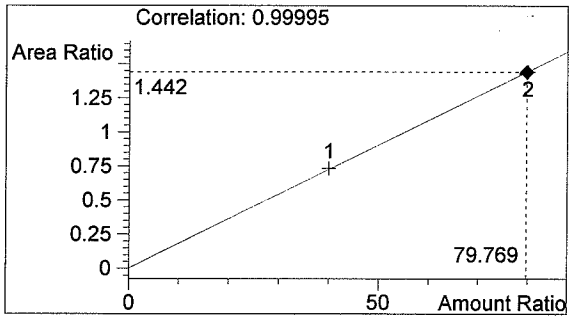
Totals:



METHANOL 79.913 mg/dL



ETHANOL 79.749 mg/dL



ACETONE 79.769 mg/dL

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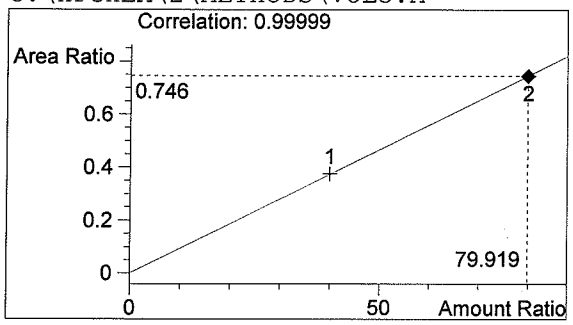
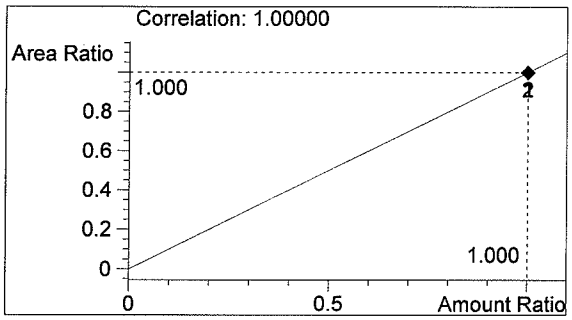


ISOPROPANOL 79.919 mg/dL



n-PROPANOL 1.000 mg/dL

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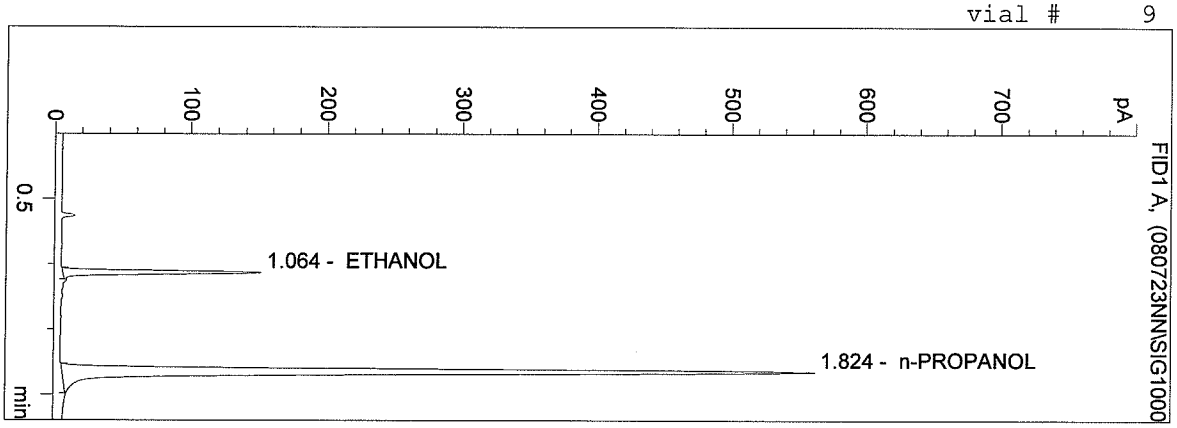
Instrument 3
db-alc2

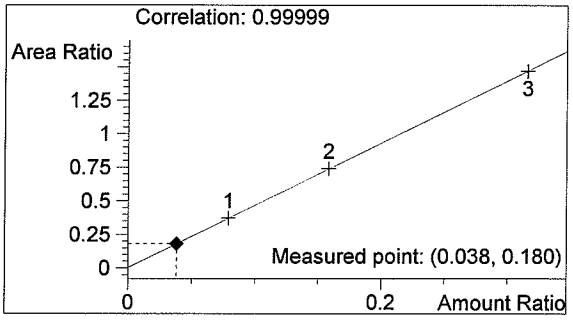
0.040 CTRL-NN
N Nuwayhid, PhD

vial # 9

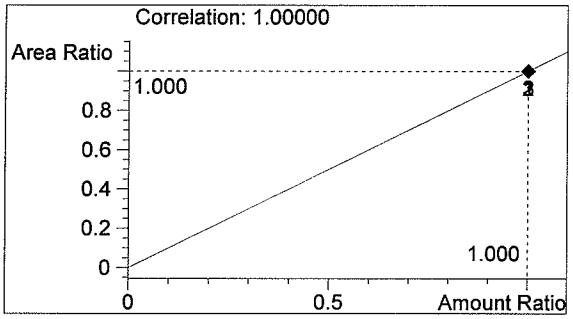


#	Compound	Area	RT
1	ETHANOL	281	1.064
2	n-PROPANOL	1563	1.824

Totals:



ETHANOL 0.038 g/100ml



n-PROPANOL 1.000 g/100ml

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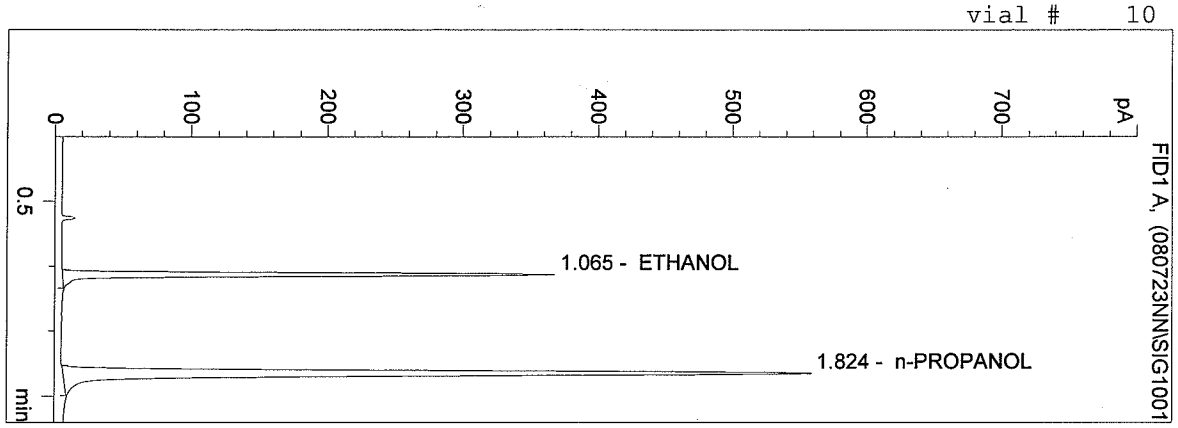
Instrument 3
db-alc2

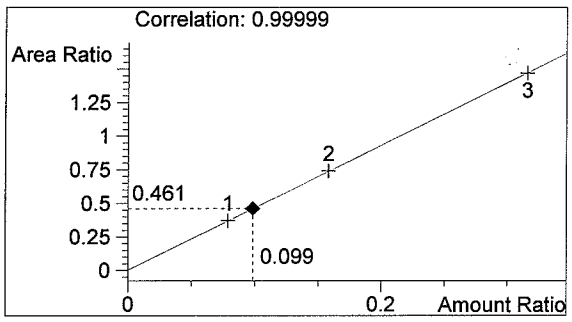
0.100 CTRL-NN
N Nuwayhid, PhD

vial # 10

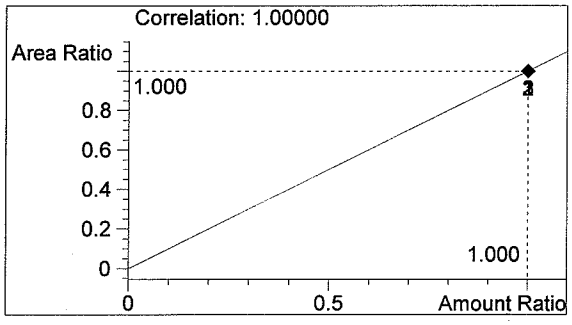


#	Compound	Area	RT
1	ETHANOL	714	1.065
2	n-PROPANOL	1550	1.824

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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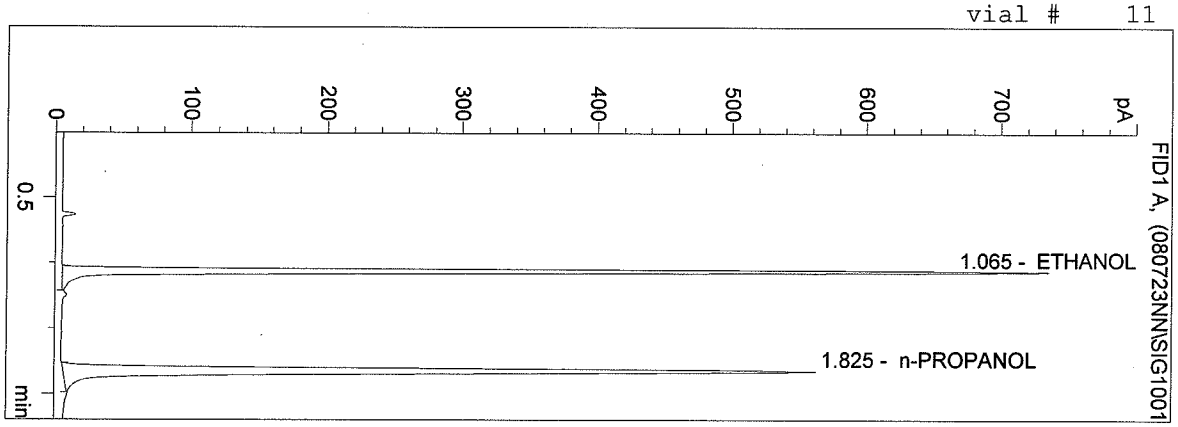
Instrument 3
db-alc2

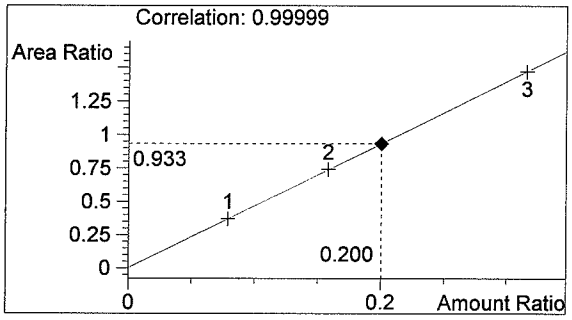
0.200 CTRL-NN
N Nuwayhid, PhD

vial # 11

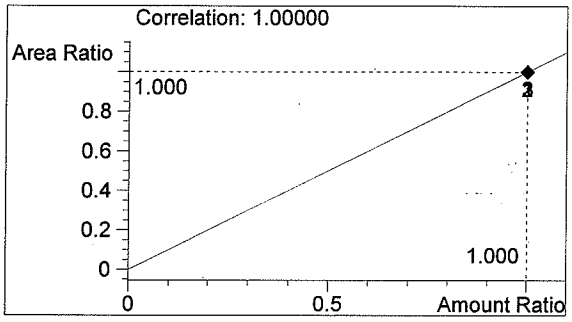


#	Compound	Area	RT
1	ETHANOL	1454	1.065
2	n-PROPANOL	1559	1.825

Totals:



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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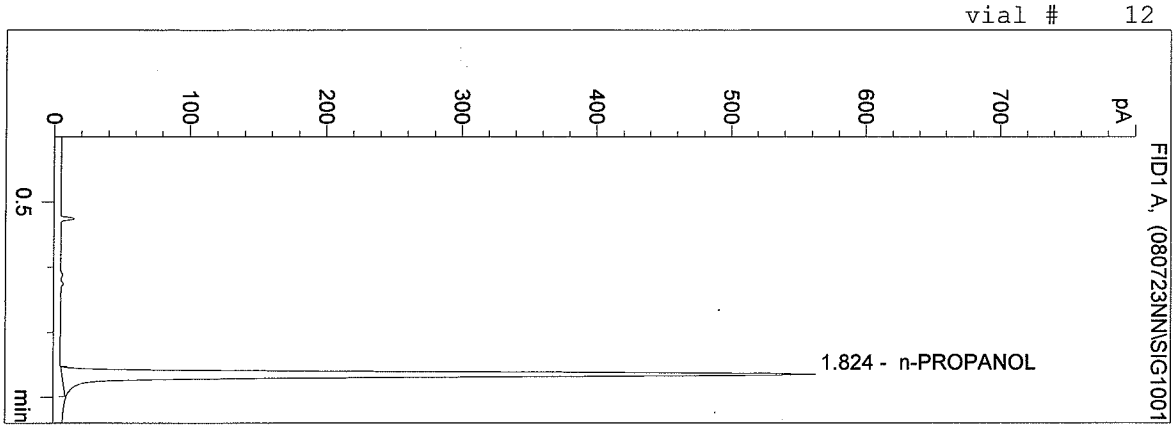
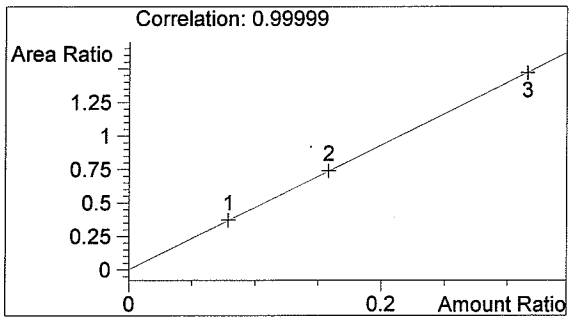
N Nuwayhid, PhD

vial # 12

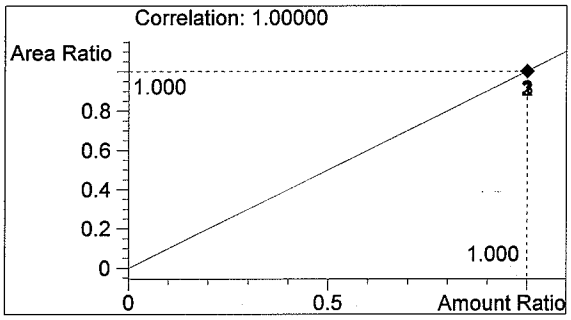


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1565	1.824

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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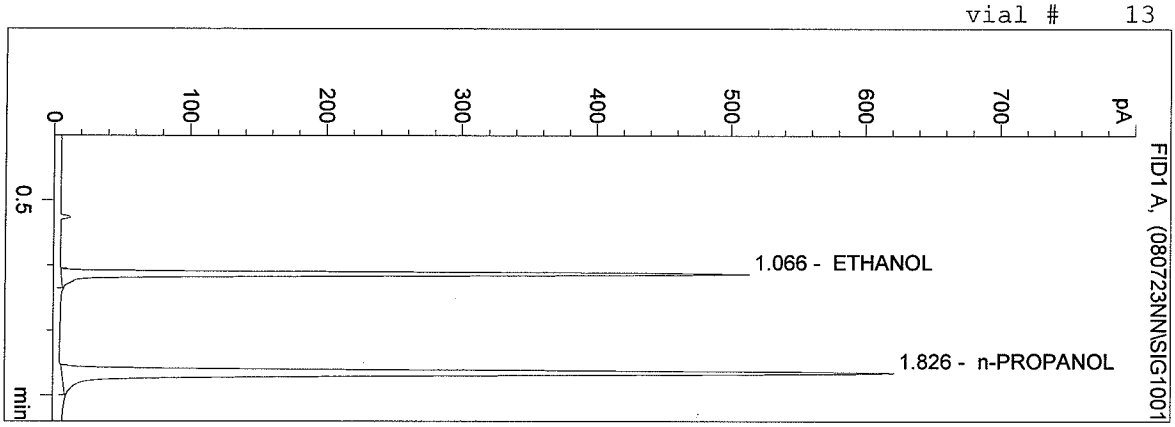
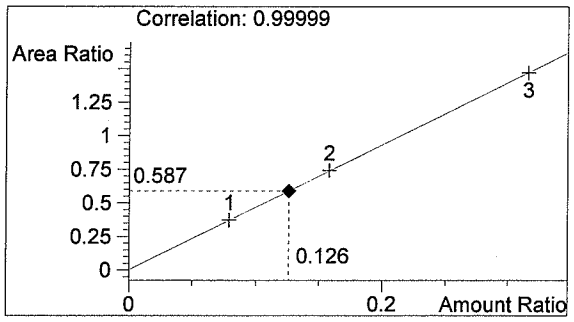
N Nuwayhid, PhD

vial # 13

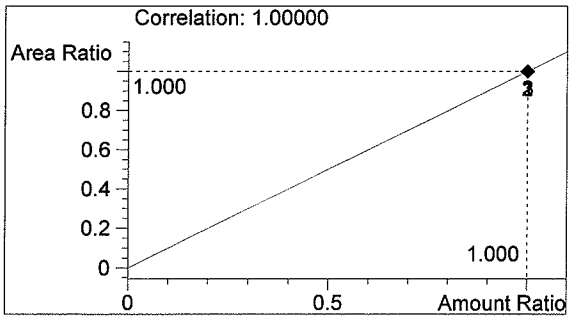


#	Compound	Area	RT
1	ETHANOL	1012	1.066
2	n-PROPANOL	1724	1.826

Totals:



ETHANOL 0.126 g/100ml



n-PROPANOL 1.000 g/100ml

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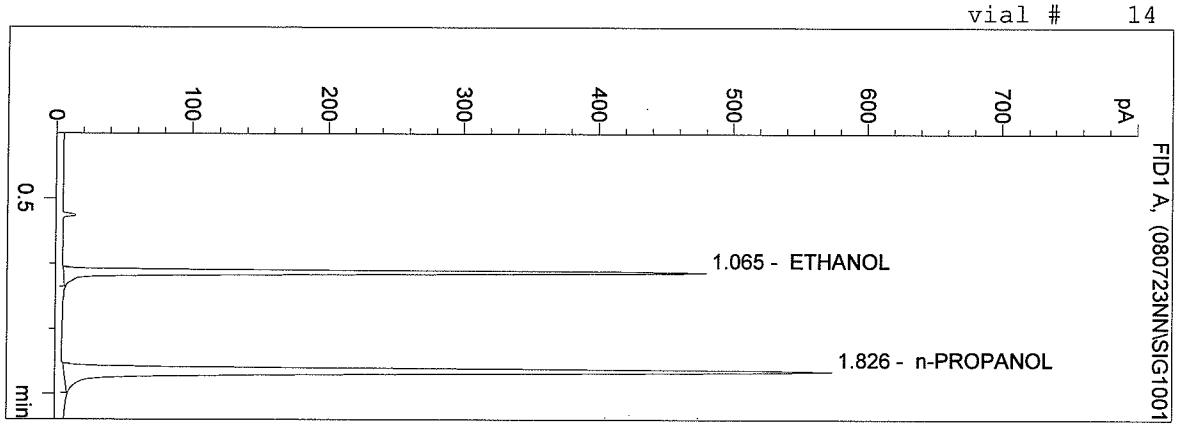
Instrument 3
db-alc2

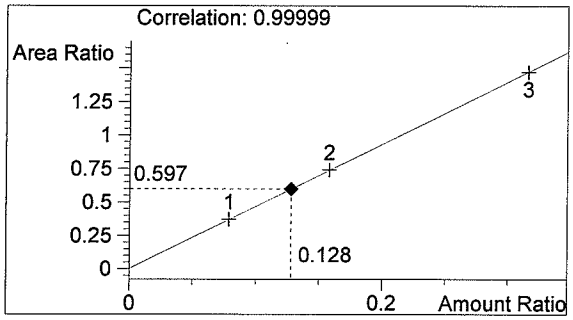
08035 QA-2
N Nuwayhid, PhD

vial # 14

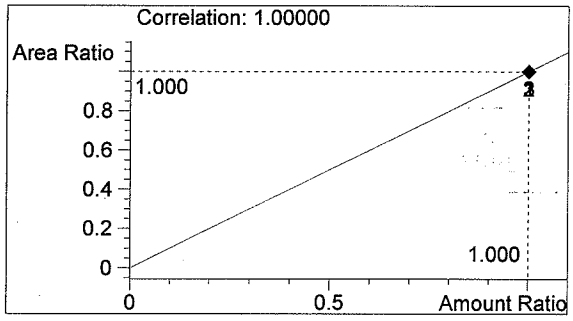


#	Compound	Area	RT
1	ETHANOL	952	1.065
2	n-PROPANOL	1595	1.826

Totals:



ETHANOL 0.128 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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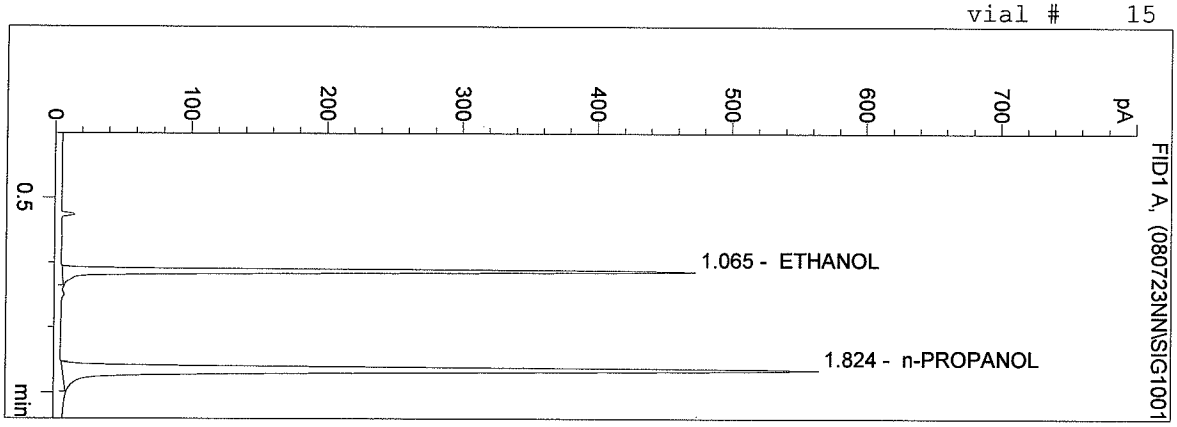
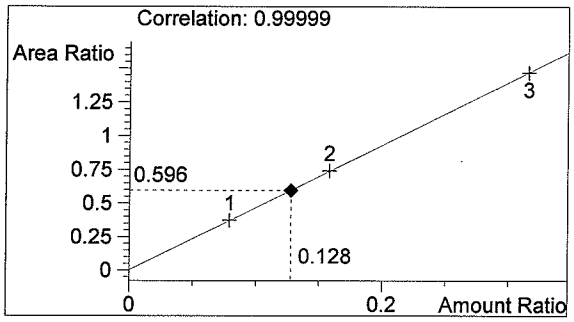
N Nuwayhid, PhD

vial # 15

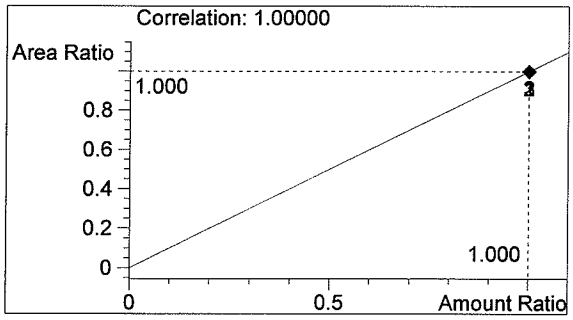


#	Compound	Area	RT
1	ETHANOL	936	1.065
2	n-PROPANOL	1572	1.824

Totals:



ETHANOL 0.128 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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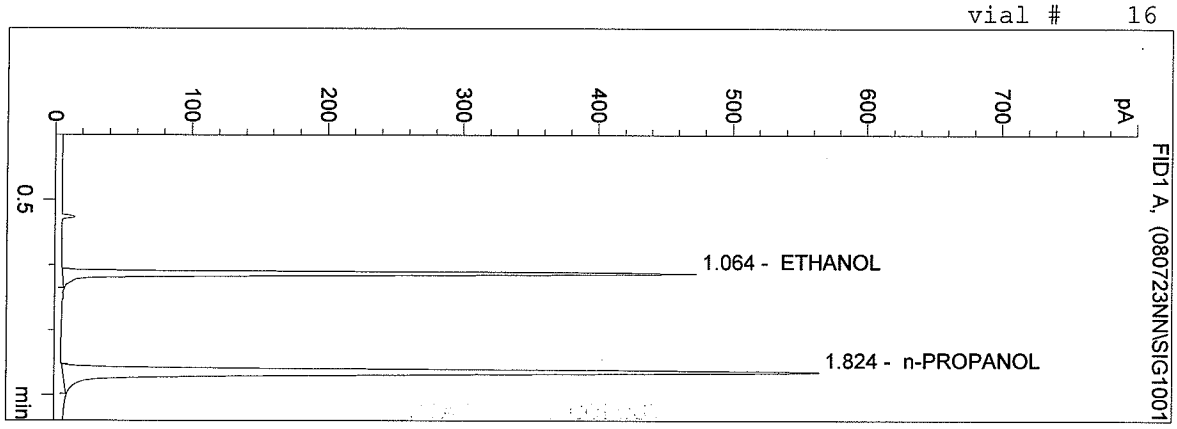
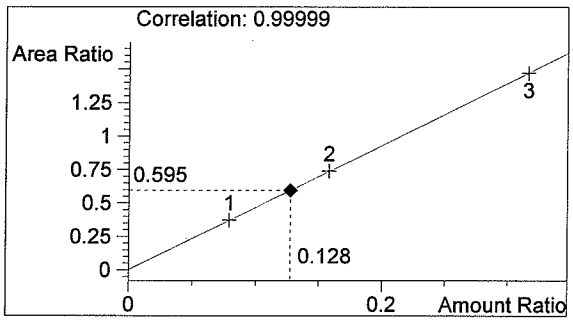
N Nuwayhid, PhD

vial # 16

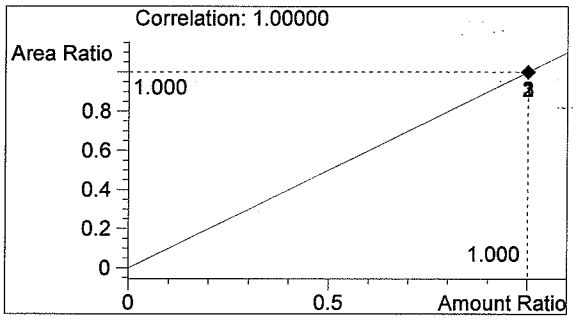


#	Compound	Area	RT
1	ETHANOL	934	1.064
2	n-PROPANOL	1569	1.824

Totals:



ETHANOL 0.128 g/100ml



n-PROPANOL 1.000 g/100ml

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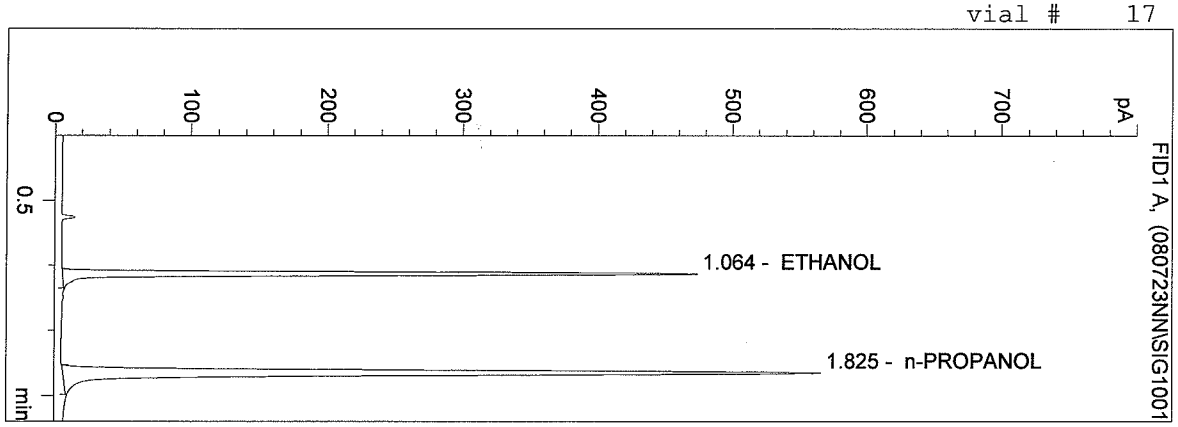
Instrument 3
db-alc2

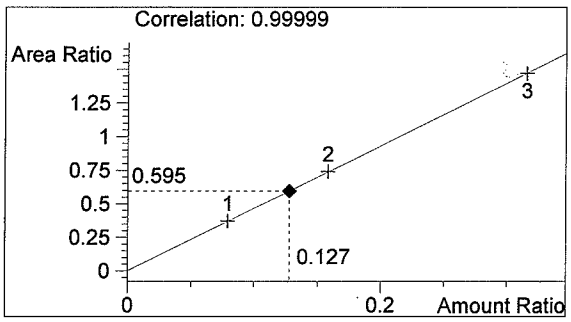
08035 QA-5
N Nuwayhid, PhD

vial # 17

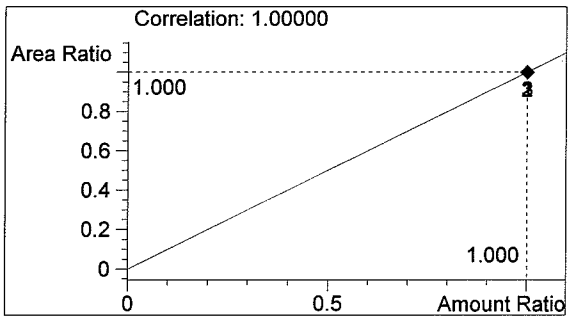


#	Compound	Area	RT
1	ETHANOL	936	1.064
2	n-PROPANOL	1574	1.825

Totals:



ETHANOL 0.127 g/100ml



n-PROPANOL 1.000 g/100ml

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NN

WASHINGTON STATE TOXICOLOGY LABORATORY

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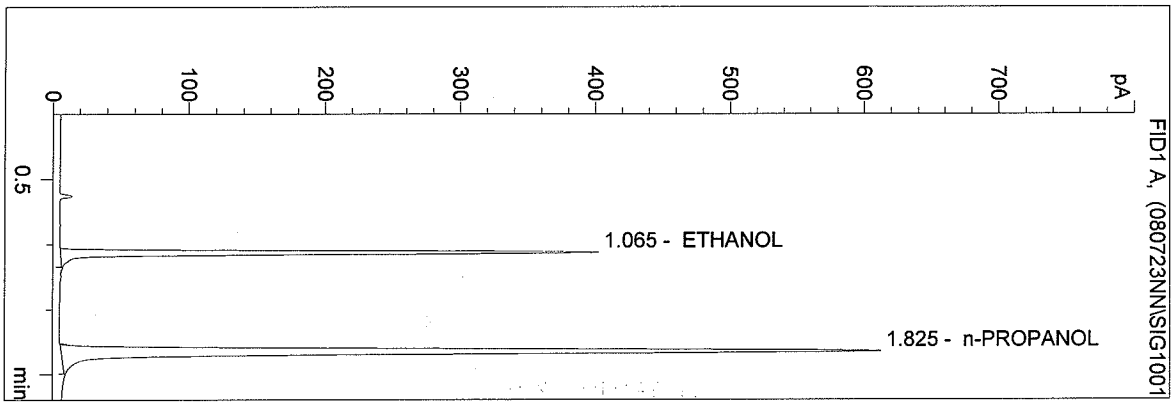
Instrument 3
db-alc2

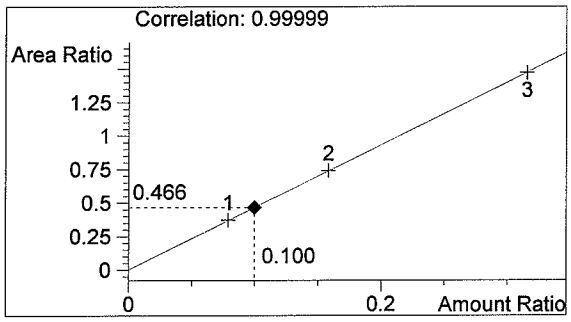
0.100 CTRL-NN
N Nuwayhid, PhD

vial # 18

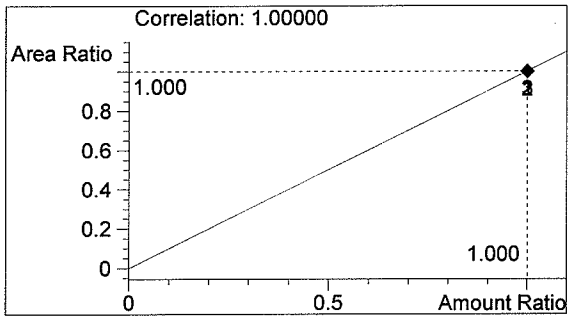


#	Compound	Area	RT
1	ETHANOL	794	1.065
2	n-PROPANOL	1702	1.825

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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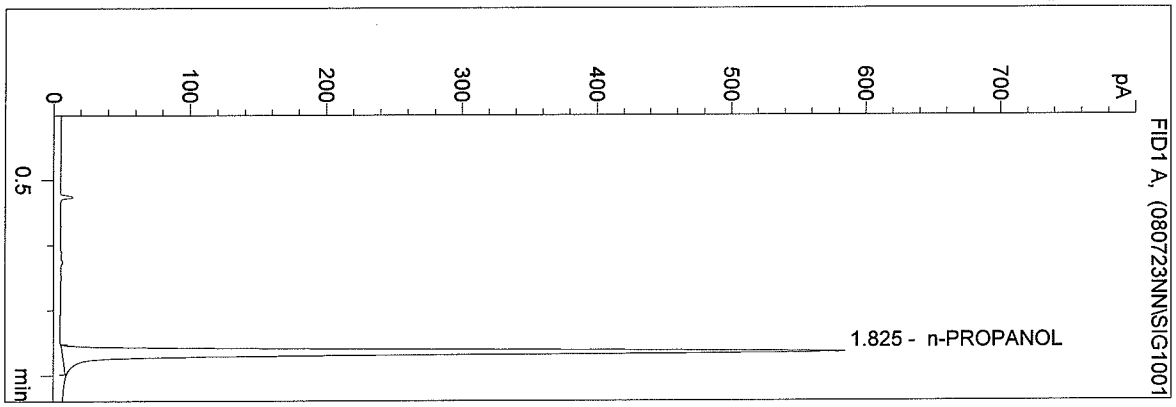
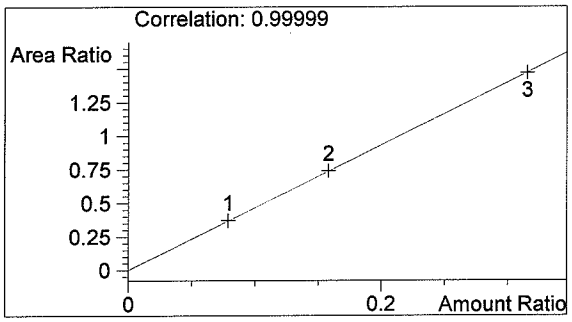
N Nuwayhid, PhD

vial # 19

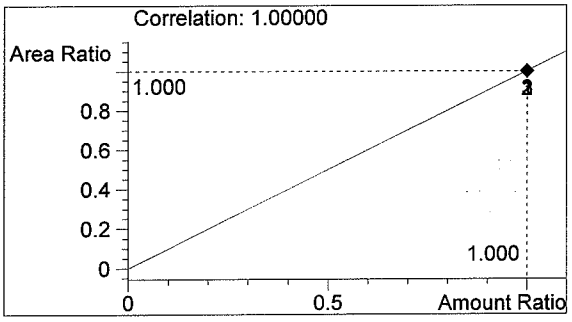


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1625	1.825

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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NN