Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: KEN DENTON/ROD GULLBERG **Date:** 5-7-2009

Location: FLSB H.Q. **Solution Batch Number:** 09019

	YES	NO	N/A
Analysis dates do not precede preparation date:	☒	☐	☐
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 present: (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: K.E. Denton **Date:** 5/7/2009

Reviewer Signature: R.B. Gullberg **Date:** 5/7/2009

WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION

QAP Solution Calibration Certificate

Batch Number:	09019	Target Vapor Concentration:	0.08 g/210L
Prepared By:	Brianne E. Akins	Date Prepared:	5/4/2009

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

	BEA	RF	BB
1	0.098	0.099	0.099
2	0.099	0.098	0.097
3	0.098	0.100	0.099
4	0.097	0.100	0.099
5	0.098	0.100	0.098
C	0.098	0.100	0.099

Analyst	Name	Signature	Date Tested
BEA	Brianne E. Akins	Brianne E Akins	5/4/2009
RF	Rebecca Flaherty	[signature]	5/4/2009
BB	Brittany Ball	Brittany Ball	5/5/2009

External Control(s):

Lot Num	Exp Date	Target Conc
A064767	04 / 2013	0.10 g/100mL

Statistics:

Avg. Solution Conc.	0.0986	g/100mL	Precision CV (%)	1.00	
Std. Deviation (SD)	0.00099		Number of Tests (N)	15	
Range (3.8xSD)	0.0949	to 0.1023	Equivalent Vapor Conc.	**0.0802**	g/210L

Final Review by: [signature] Review/Issue Date: 5/8/09

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Calibration Certificate, that the date to the right of your name is the date that you tested the solution, and then sign the certificate.

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the certificate
3) Signed the certificate

	Initials	Date
Amanda Black		
Asa Louis		
Brian Capron		
Brianna Peterson		
Brianne Akins	BCA	5·6·09
Brittany Ball	BB	5-6-09
Christie Mitchell		
Christopher Johnston		
Estuardo Miranda		
Gwynyth Scherperel		
Justin Knoy		
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	5·6·09
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 0.08 QAP SOLUTION CERTIFICATION FOR LOT 09019

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 qap solution, Lot Number 09019, was prepared in the Washington State Toxicology Laboratory on 5/4/2009. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/4/2010.

Seattle, WA

Brianne E. Akins 5·6·09

Brianne E. Akins Date

Forensic Toxicologist

BEA/ik

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 0.08 QAP SOLUTION CERTIFICATION FOR LOT 09019

I, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The qap solution, Lot Number 09019, was prepared in the Washington State Toxicology Laboratory on 5/4/2009. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/4/2010.

Seattle, WA

5·6·2009

Rebecca Flaherty — Date

Forensic Toxicologist

RF/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.08 QAP SOLUTION CERTIFICATION FOR LOT 09019

I, Brittany Ball, 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 a Masters in Forensic Science.

The qap solution, Lot Number 09019, was prepared in the Washington State Toxicology Laboratory on 5/4/2009. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 5/4/2010.

Seattle, WA

Brittany Ball 5/6/09

Brittany Ball Date

Forensic Toxicologist

BB/ik

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:	090504BA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-BA	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BA	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
10	Vial 10	QAP0.04 09018 #1	SIMALC	1	Sample		
11	Vial 11	QAP0.04 09018 #2	SIMALC	1	Sample		
12	Vial 12	QAP0.04 09018 #3	SIMALC	1	Sample		
13	Vial 13	QAP0.04 09018 #4	SIMALC	1	Sample		
14	Vial 14	QAP0.04 09018 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
17	Vial 17	QAP0.08 09019 #1	SIMALC	1	Sample		
18	Vial 18	QAP0.08 09019 #2	SIMALC	1	Sample		
19	Vial 19	QAP0.08 09019 #3	SIMALC	1	Sample		
20	Vial 20	QAP0.08 09019 #4	SIMALC	1	Sample		
21	Vial 21	QAP0.08 09019 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
24	Vial 24	QAP0.10 09020 #1	SIMALC	1	Sample		
25	Vial 25	QAP0.10 09020 #2	SIMALC	1	Sample		
26	Vial 26	QAP0.10 09020 #3	SIMALC	1	Sample		
27	Vial 27	QAP0.10 09020 #4	SIMALC	1	Sample		
28	Vial 28	QAP0.10 09020 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
31	Vial 31	QAP0.15 09021 #1	SIMALC	1	Sample		
32	Vial 32	QAP0.15 09021 #2	SIMALC	1	Sample		

BEA

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QAP0.15 09021 #3	SIMALC	1	Sample		
34	Vial 34	QAP0.15 09021 #4	SIMALC	1	Sample		
35	Vial 35	QAP0.15 09021 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

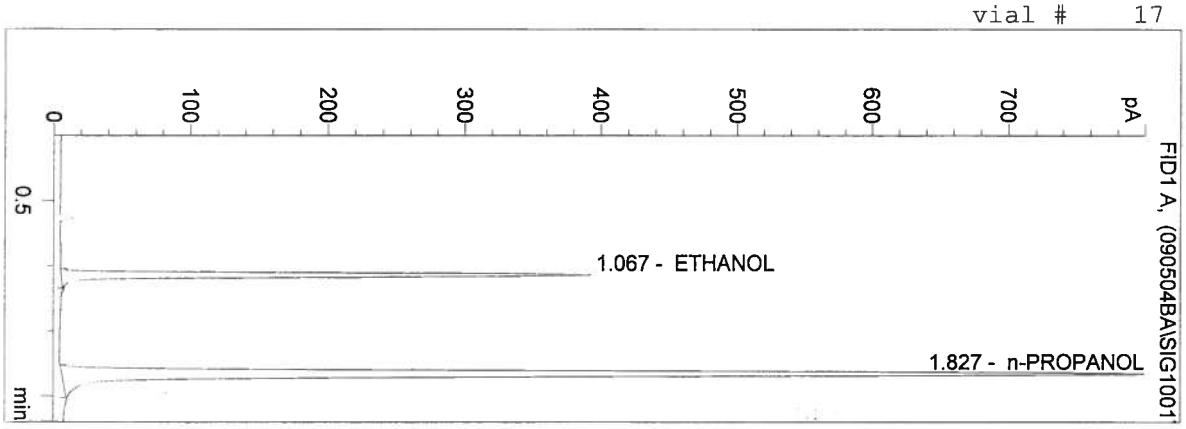
BGA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 12:27:38 PM
Instrument 3
db-alc2

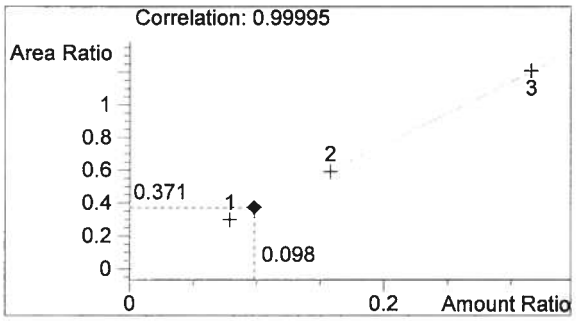
QAP0.08 09019 #1
Brianne E. Akins

vial # 17

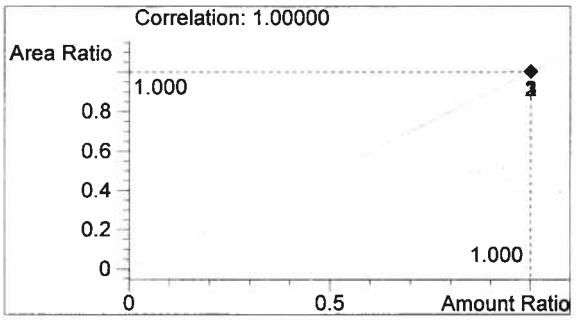


#	Compound	Area	RT
1	ETHANOL	876	1.067
2	n-PROPANOL	2364	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

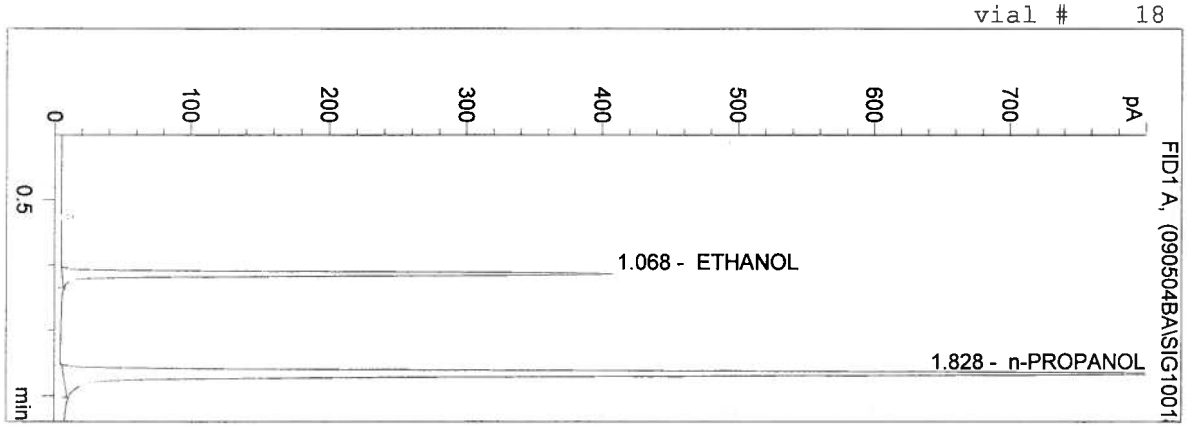
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 12:30:46 PM
Instrument 3
db-alc2

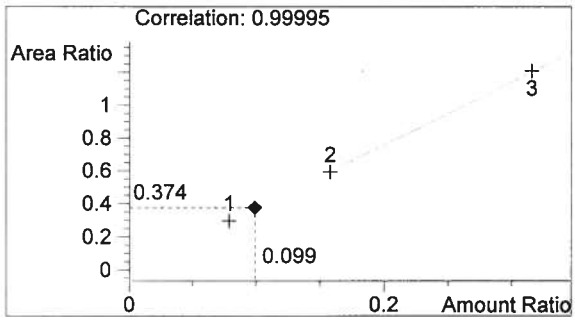
QAP0.08 09019 #2
Brianne E. Akins

vial # 18

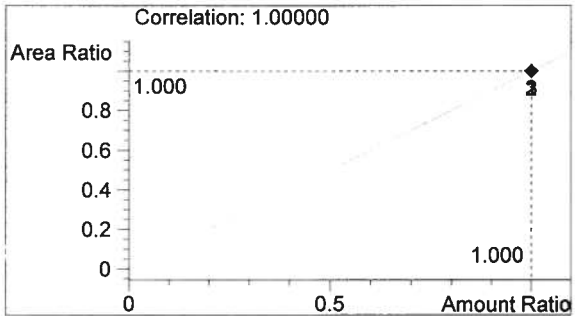


#	Compound	Area	RT
1	ETHANOL	908	1.068
2	n-PROPANOL	2426	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

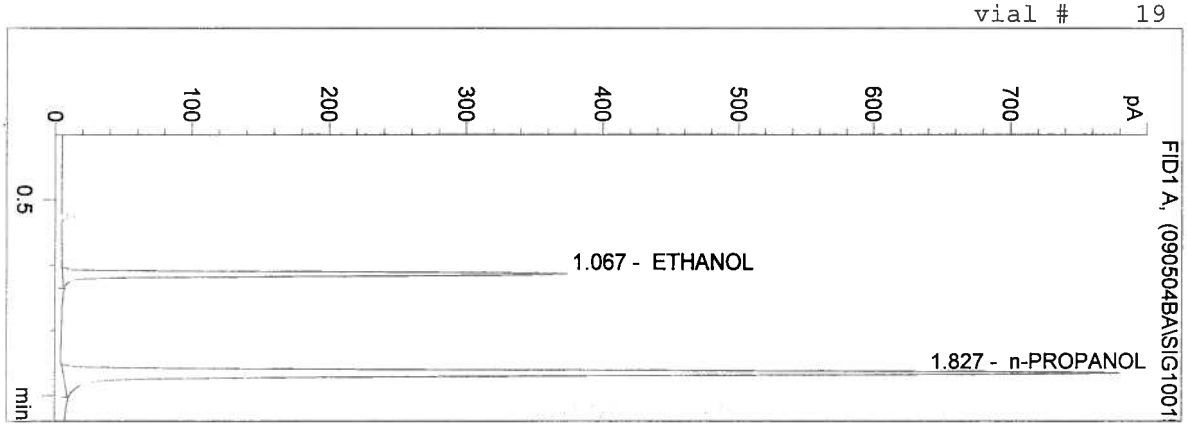
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 12:33:54 PM
Instrument 3
db-alc2

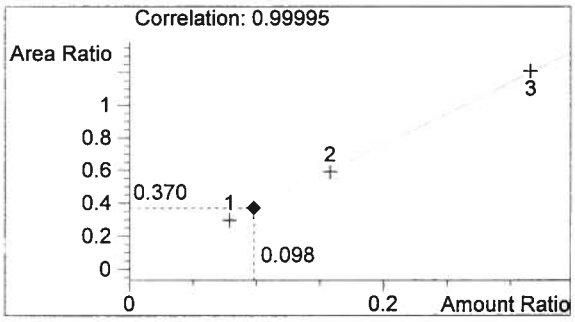
QAP0.08 09019 #3
Brianne E. Akins

vial # 19

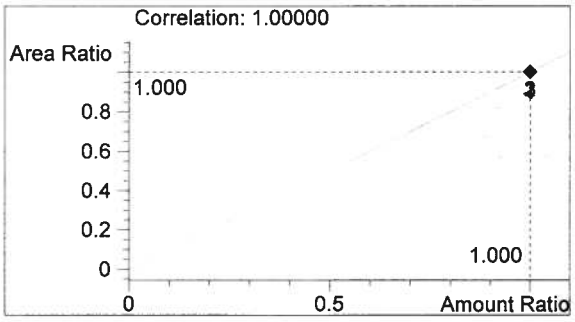


#	Compound	Area	RT
1	ETHANOL	832	1.067
2	n-PROPANOL	2248	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

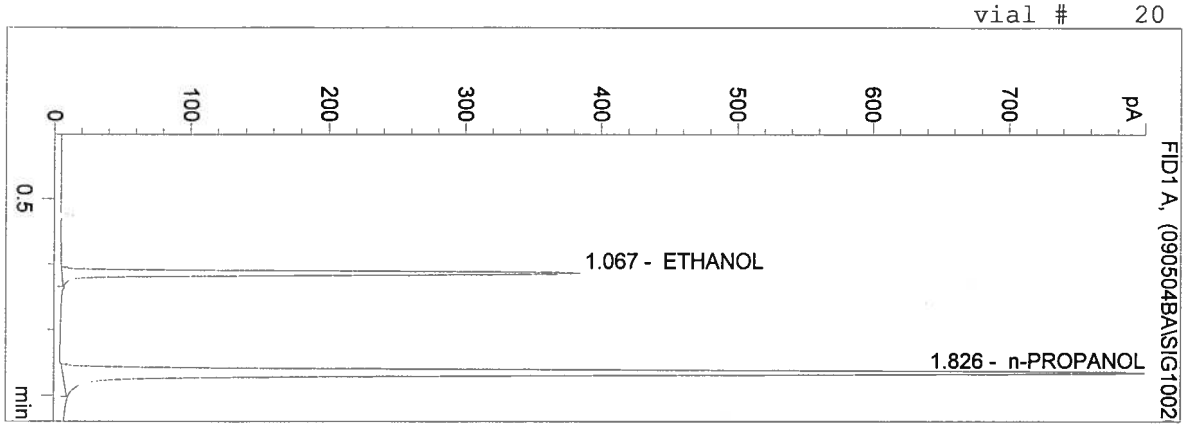
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 12:37:02 PM
Instrument 3
db-alc2

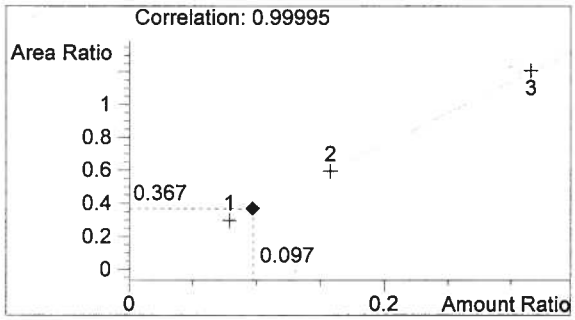
QAP0.08 09019 #4
Brianne E. Akins

vial # 20

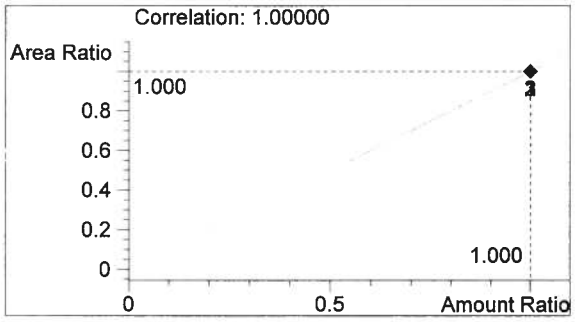


#	Compound	Area	RT
1	ETHANOL	855	1.067
2	n-PROPANOL	2330	1.826

Totals:



ETHANOL 0.097 g/100ml



n-PROPANOL 1.000 g/100ml

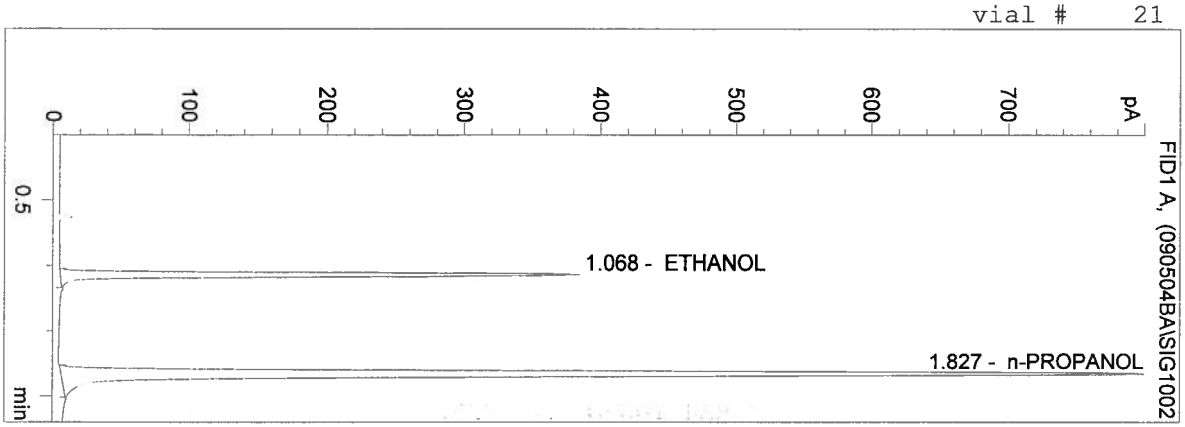
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

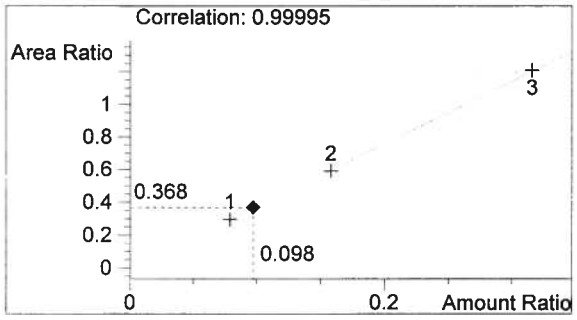
C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 12:40:09 PM
Instrument 3
db-alc2

QAP0.08 09019 #5
Brianne E. Akins

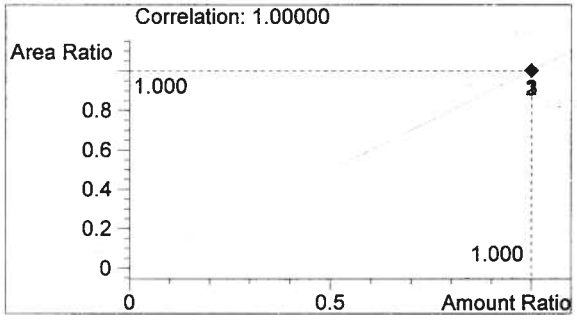
vial # 21



#	Compound	Area	RT
1	ETHANOL	855	1.068
2	n-PROPANOL	2326	1.827
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

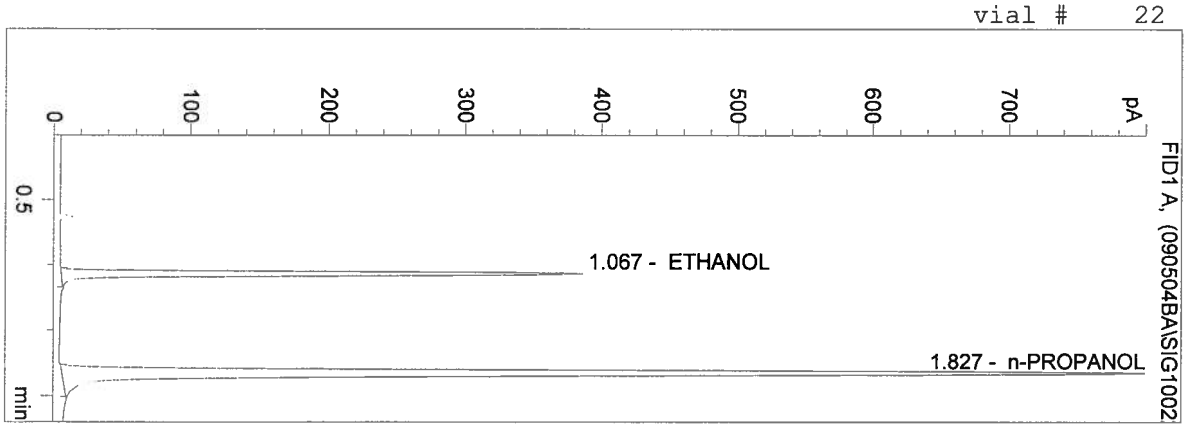
860

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 12:43:17 PM
Instrument 3
db-alc2

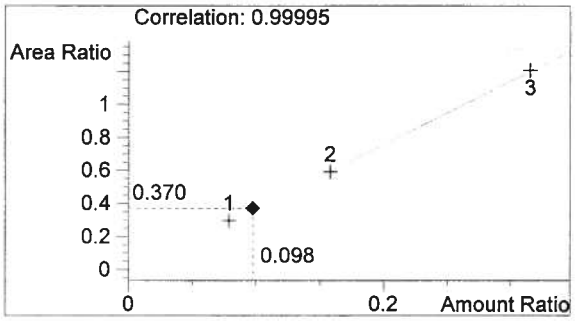
0.10 CONTROL-BA
Brianne E. Akins

vial # 22

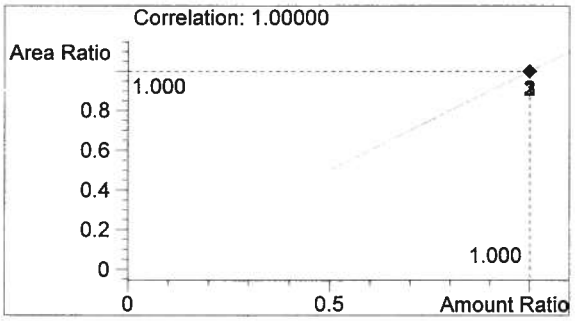


#	Compound	Area	RT
1	ETHANOL	863	1.067
2	n-PROPANOL	2334	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

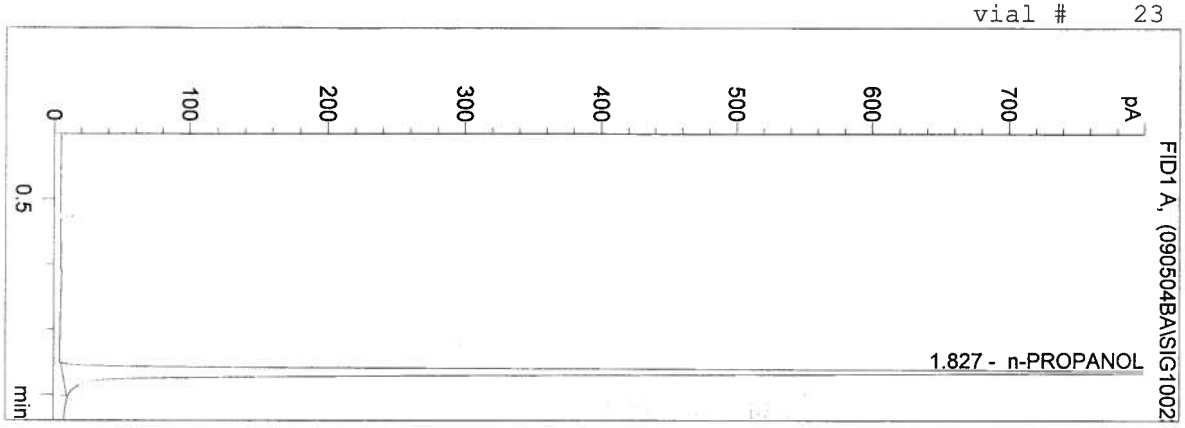
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 12:46:25 PM
Instrument 3
db-alc2

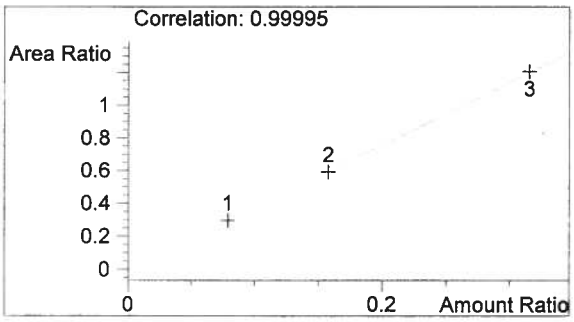
NEG CONTROL-BA
Brianne E. Akins

vial # 23

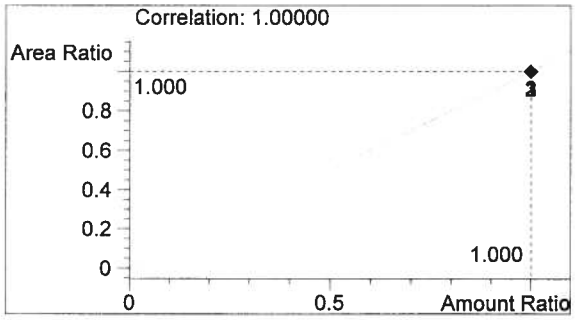


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2600	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

BEA

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

Sequence Parameters:

Operator:	Rebecca Flaherty
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:	090504R2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Calibration filed with QAP 09018

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

RF

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		
10	Vial 10	QAP0.04 09018 #1	SIMALC	1	Sample		
11	Vial 11	QAP0.04 09018 #2	SIMALC	1	Sample		
12	Vial 12	QAP0.04 09018 #3	SIMALC	1	Sample		
13	Vial 13	QAP0.04 09018 #4	SIMALC	1	Sample		
14	Vial 14	QAP0.04 09018 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		
17	Vial 17	QAP0.08 09019 #1	SIMALC	1	Sample		
18	Vial 18	QAP0.08 09019 #2	SIMALC	1	Sample		
19	Vial 19	QAP0.08 09019 #3	SIMALC	1	Sample		
20	Vial 20	QAP0.08 09019 #4	SIMALC	1	Sample		
21	Vial 21	QAP0.08 09019 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		
24	Vial 24	QAP0.10 09020 #1	SIMALC	1	Sample		
25	Vial 25	QAP0.10 09020 #2	SIMALC	1	Sample		
26	Vial 26	QAP0.10 09020 #3	SIMALC	1	Sample		
27	Vial 27	QAP0.10 09020 #4	SIMALC	1	Sample		
28	Vial 28	QAP0.10 09020 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		
31	Vial 31	QAP0.15 09021 #1	SIMALC	1	Sample		
32	Vial 32	QAP0.15 09021 #2	SIMALC	1	Sample		

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QAP0.15 09021 #3	SIMALC	1	Sample		
34	Vial 34	QAP0.15 09021 #4	SIMALC	1	Sample		
35	Vial 35	QAP0.15 09021 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

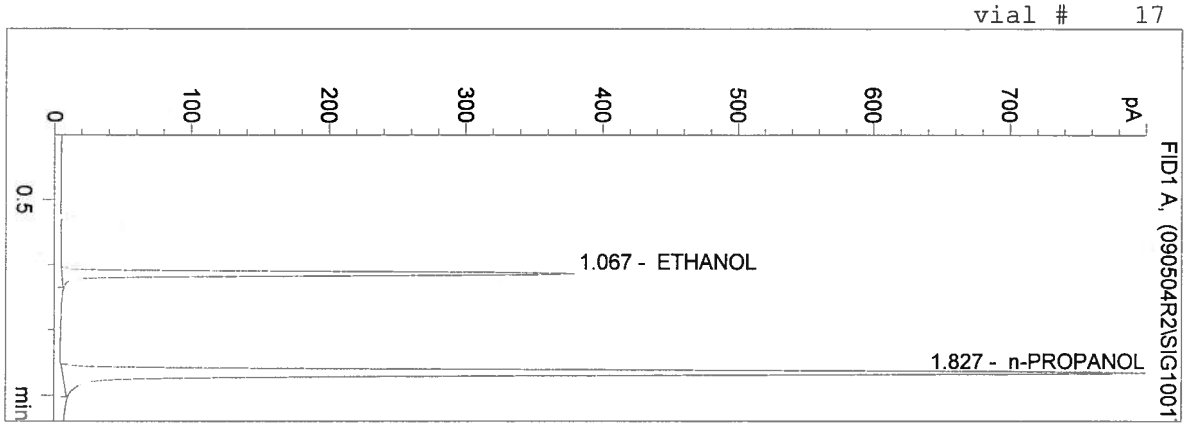
RF

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 5:29:11 PM
Instrument 3
db-alc2

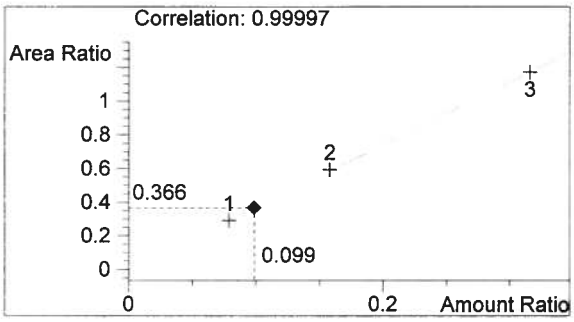
QAP0.08 09019 #1
Rebecca Flaherty

vial # 17

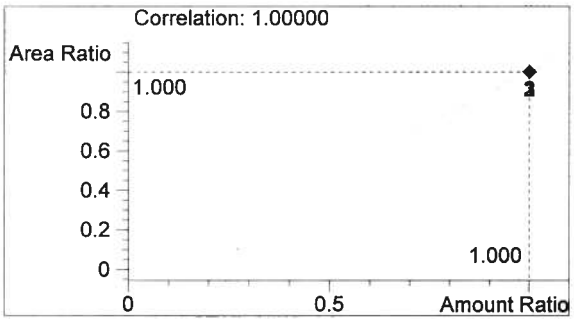


#	Compound	Area	RT
1	ETHANOL	844	1.067
2	n-PROPANOL	2307	1.827
Totals:			

RF



ETHANOL 0.099 g/100ml



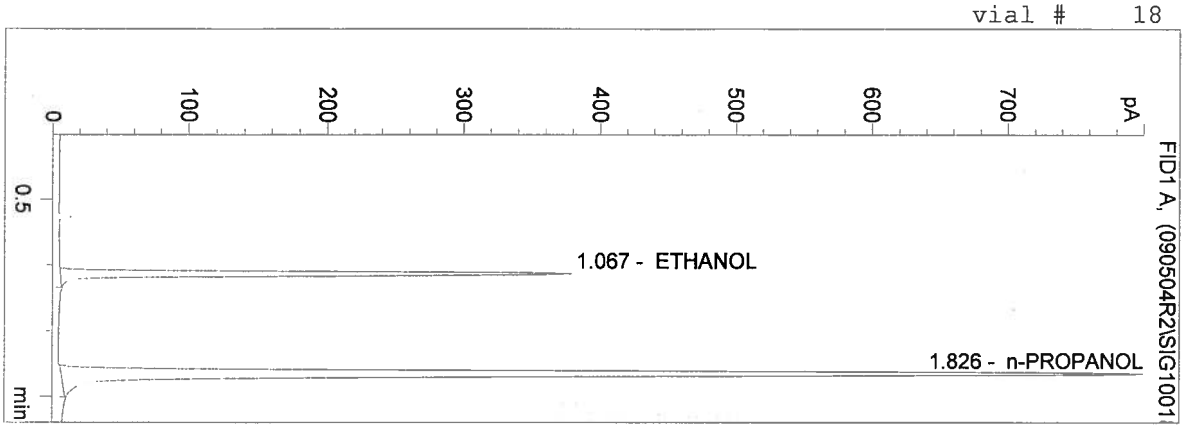
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 5:32:19 PM
Instrument 3
db-alc2

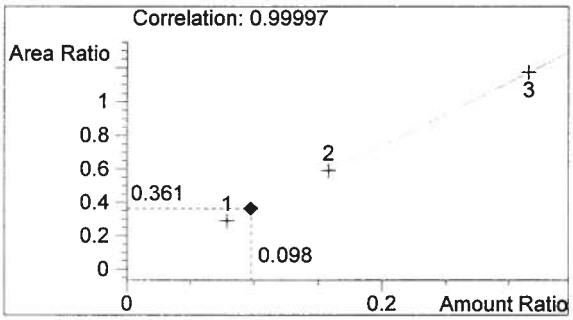
QAP0.08 09019 #2
Rebecca Flaherty

vial # 18

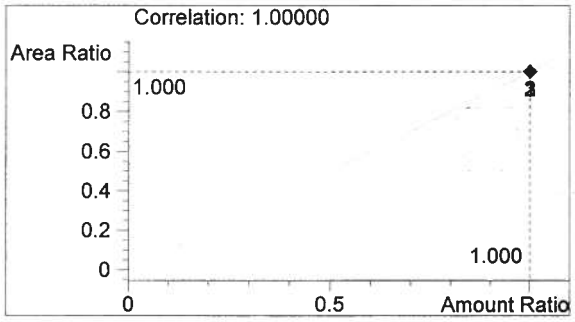


#	Compound	Area	RT
1	ETHANOL	840	1.067
2	n-PROPANOL	2323	1.826
Totals:			

RF



ETHANOL 0.098 g/100ml



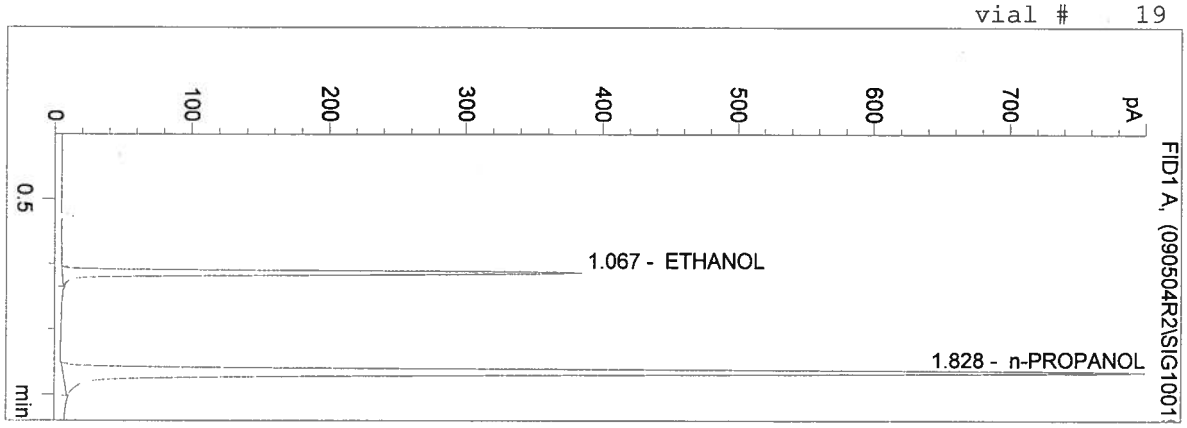
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 5:35:27 PM
Instrument 3
db-alc2

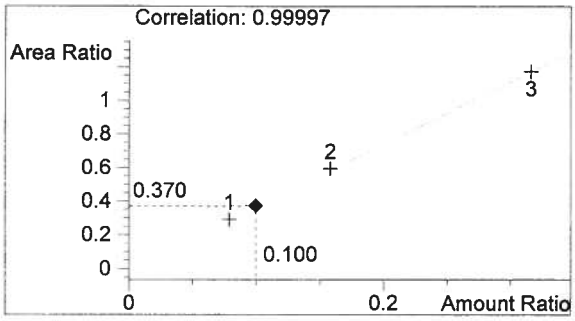
QAP0.08 09019 #3
Rebecca Flaherty

vial # 19

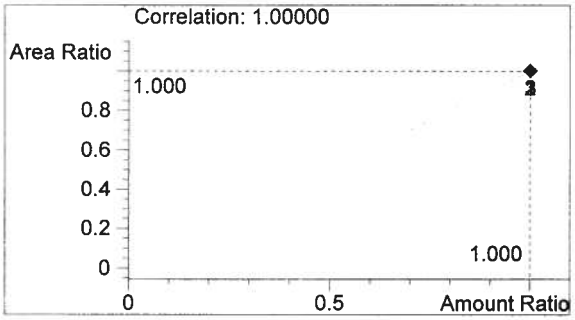


#	Compound	Area	RT
1	ETHANOL	854	1.067
2	n-PROPANOL	2310	1.828
Totals:			

RF



ETHANOL 0.100 g/100ml



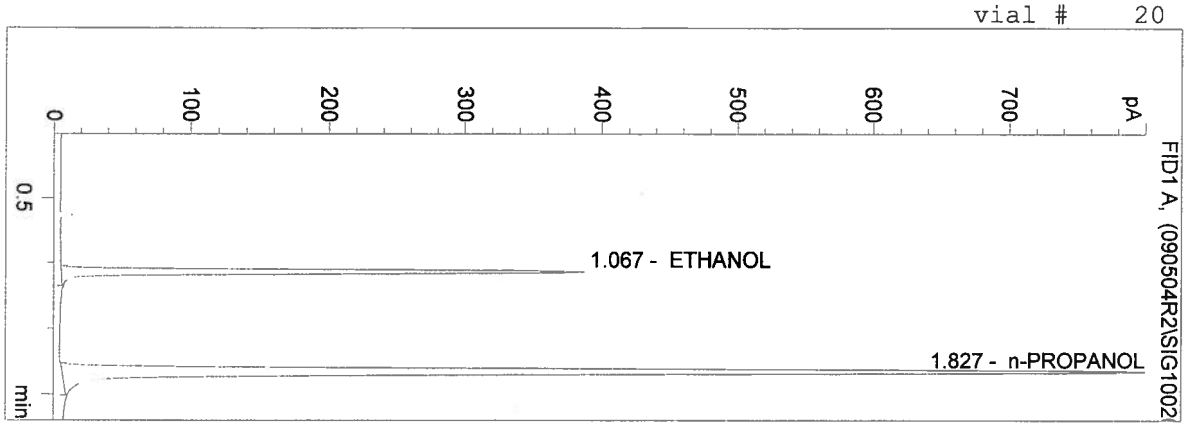
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 5:38:34 PM
Instrument 3
db-alc2

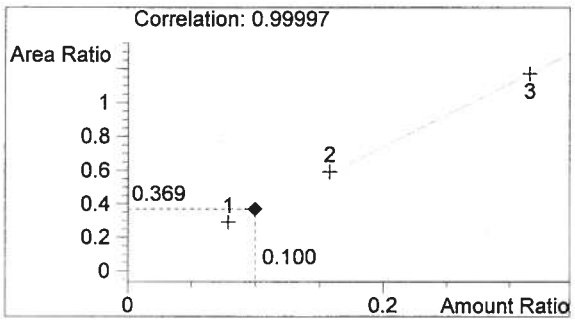
QAP0.08 09019 #4
Rebecca Flaherty

vial # 20

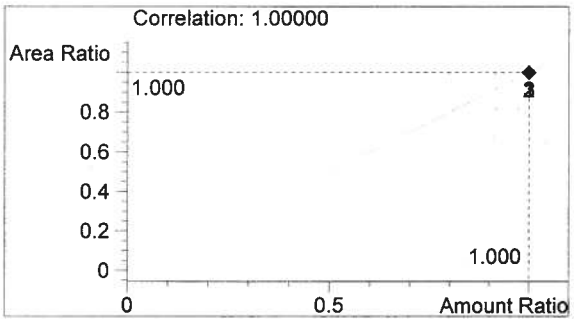


#	Compound	Area	RT
1	ETHANOL	862	1.067
2	n-PROPANOL	2337	1.827
Totals:			

RF



ETHANOL 0.100 g/100ml



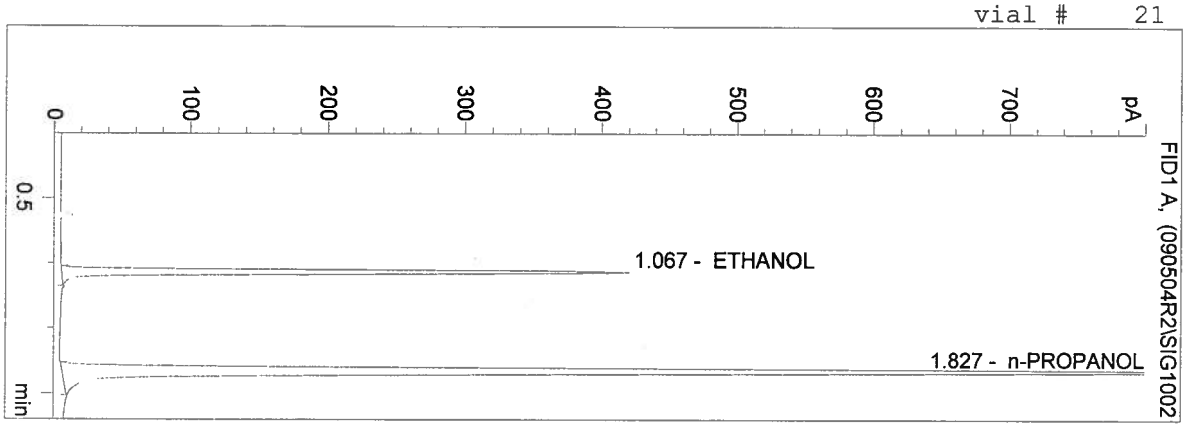
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 5:41:42 PM
Instrument 3
db-alc2

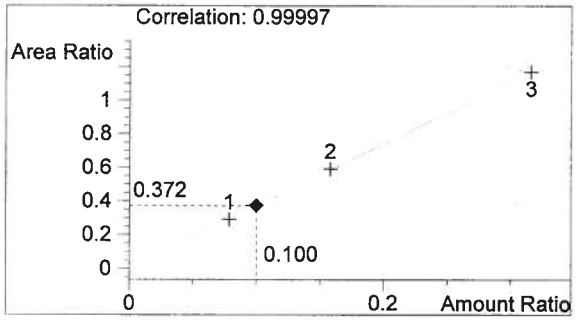
QAP0.08 09019 #5
Rebecca Flaherty

vial # 21

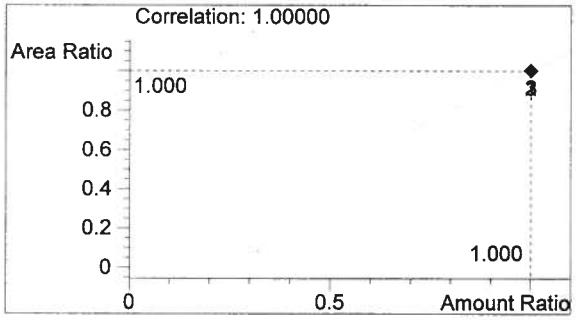


#	Compound	Area	RT
1	ETHANOL	935	1.067
2	n-PROPANOL	2516	1.827
Totals:			

RF



ETHANOL 0.100 g/100ml



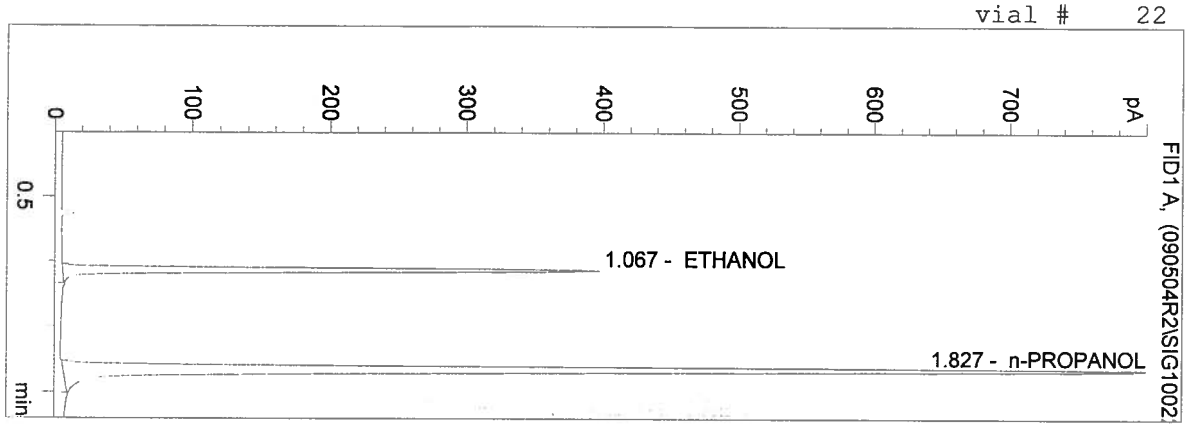
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 5:44:50 PM
Instrument 3
db-alc2

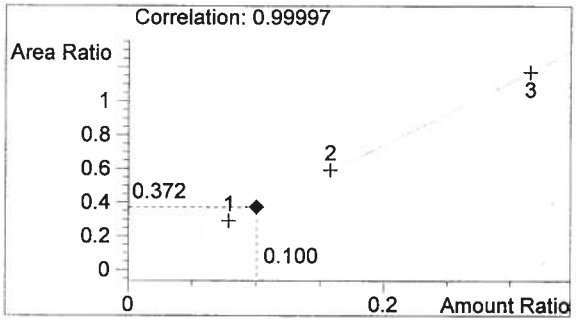
0.10 CONTROL-RF
Rebecca Flaherty

vial # 22

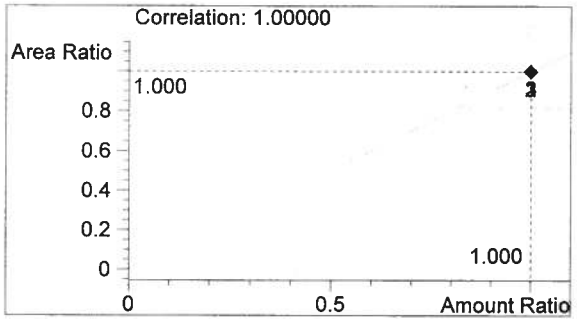


#	Compound	Area	RT
1	ETHANOL	884	1.067
2	n-PROPANOL	2377	1.827
Totals:			

RF



ETHANOL 0.100 g/100ml



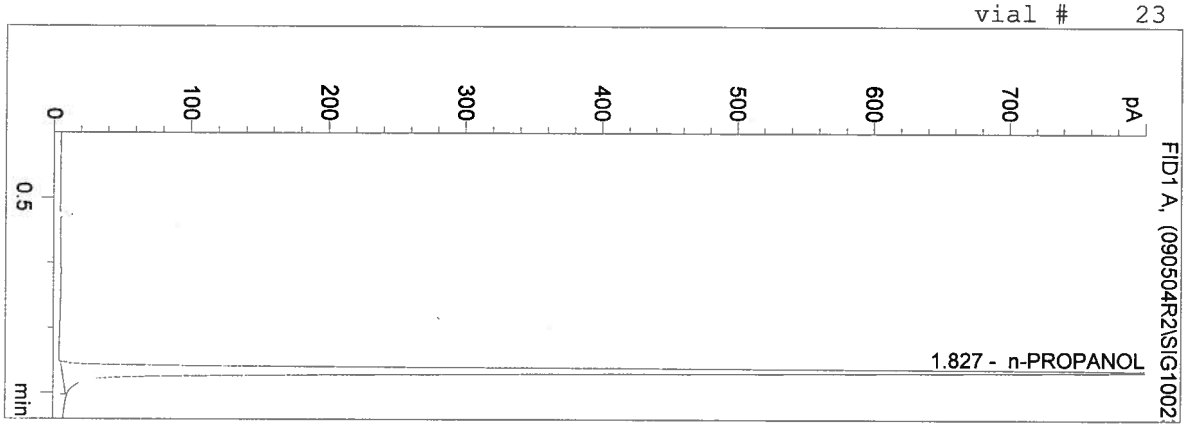
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/4/2009 5:47:58 PM
Instrument 3
db-alc2

NEG CONTROL-RF
Rebecca Flaherty

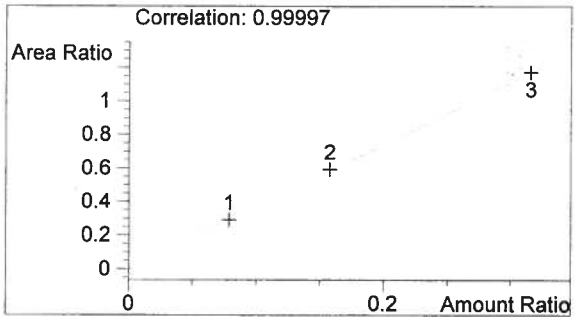
vial # 23



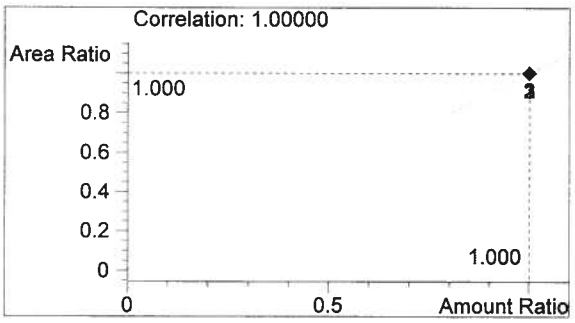
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2434	1.827

Totals:

RF



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

Sequence Parameters:

Operator:	Brittany Ball
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:	090505B
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Calibration data filed w/ QAP 09018

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-BB	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-BB	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-BB	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-BB	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-BB	SIMALC	1	Ctrl Samp		
10	Vial 10	QAP0.04 09018 #1	SIMALC	1	Sample		
11	Vial 11	QAP0.04 09018 #2	SIMALC	1	Sample		
12	Vial 12	QAP0.04 09018 #3	SIMALC	1	Sample		
13	Vial 13	QAP0.04 09018 #4	SIMALC	1	Sample		
14	Vial 14	QAP0.04 09018 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-BB	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-BB	SIMALC	1	Ctrl Samp		
17	Vial 17	QAP0.08 09019 #1	SIMALC	1	Sample		
18	Vial 18	QAP0.08 09019 #2	SIMALC	1	Sample		
19	Vial 19	QAP0.08 09019 #3	SIMALC	1	Sample		
20	Vial 20	QAP0.08 09019 #4	SIMALC	1	Sample		
21	Vial 21	QAP0.08 09019 #5	SIMALC	1	Sample		
22	Vial 22	0.10 CTRL-BB	SIMALC	1	Ctrl Samp		
23	Vial 23	NEG CTRL-BB	SIMALC	1	Ctrl Samp		
24	Vial 24	QAP0.10 09020 #1	SIMALC	1	Sample		
25	Vial 25	QAP0.10 09020 #2	SIMALC	1	Sample		
26	Vial 26	QAP0.10 09020 #3	SIMALC	1	Sample		
27	Vial 27	QAP0.10 09020 #4	SIMALC	1	Sample		
28	Vial 28	QAP0.10 09020 #5	SIMALC	1	Sample		
29	Vial 29	0.10 CTRL-BB	SIMALC	1	Ctrl Samp		
30	Vial 30	NEG CTRL-BB	SIMALC	1	Ctrl Samp		
31	Vial 31	QAP0.15 09021 #1	SIMALC	1	Sample		
32	Vial 32	QAP0.15 09021 #2	SIMALC	1	Sample		

BB

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	QAP0.15 09021 #3	SIMALC	1	Sample		
34	Vial 34	QAP0.15 09021 #4	SIMALC	1	Sample		
35	Vial 35	QAP0.15 09021 #5	SIMALC	1	Sample		
36	Vial 36	0.10 CTRL-BB	SIMALC	1	Ctrl Samp		
37	Vial 37	NEG CTRL-BB	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

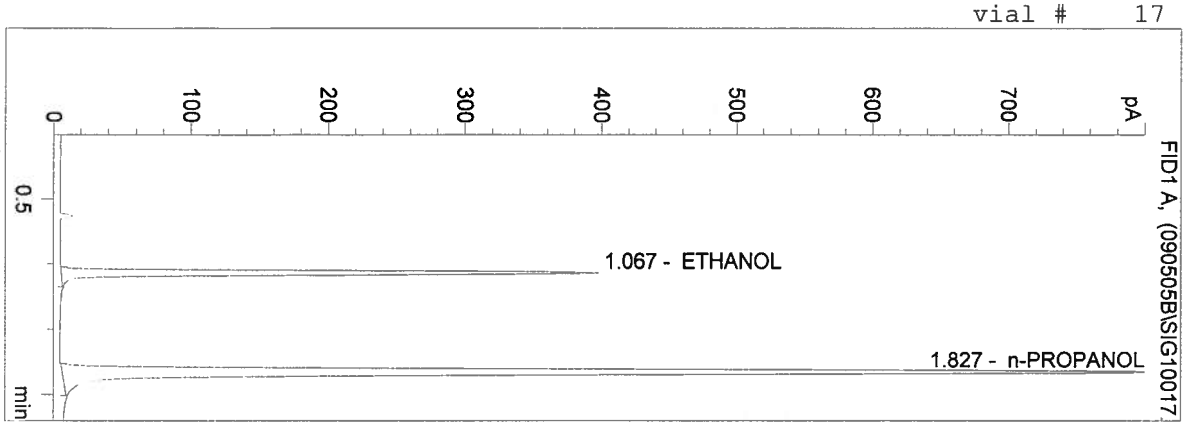
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/5/2009 11:47:44 AM
Instrument 3
db-alc2

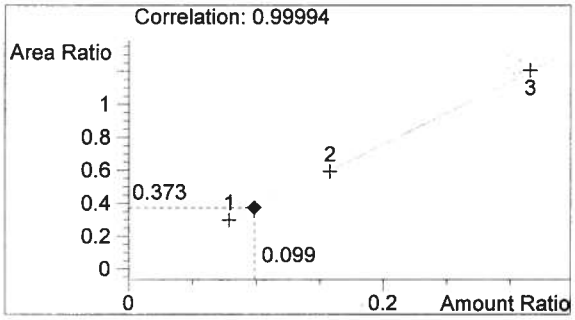
QAP0.08 09019 #1
Brittany Ball

vial # 17



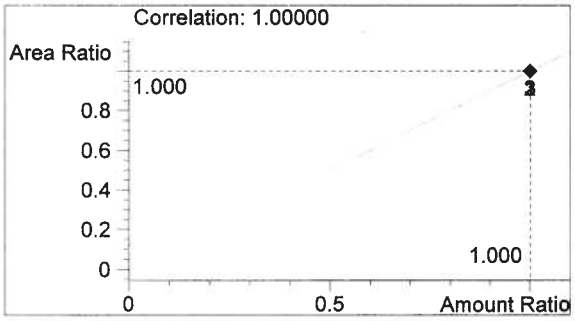
#	Compound	Area	RT
1	ETHANOL	882	1.067
2	n-PROPANOL	2367	1.827

Totals:



ETHANOL 0.099 g/100ml

BB



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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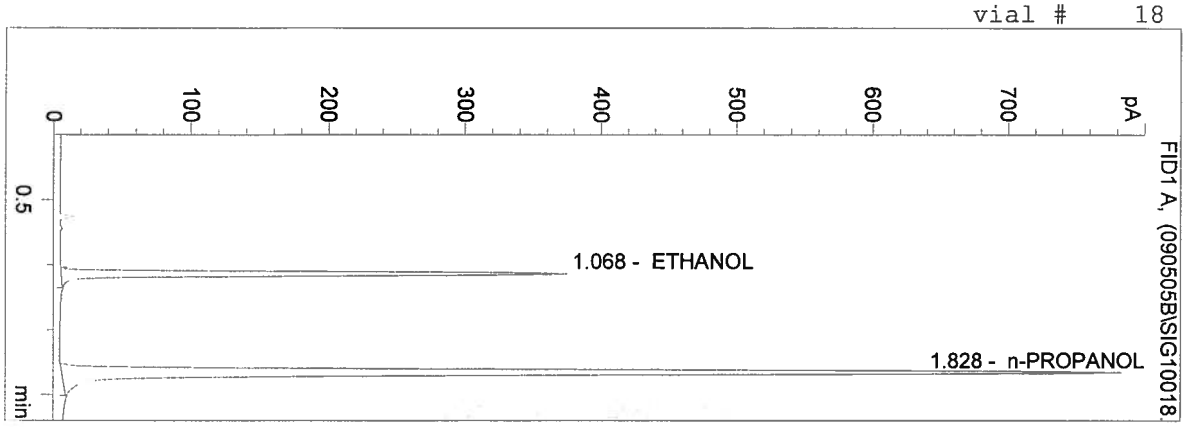
5/5/2009 11:50:51 AM
Instrument 3
db-alc2

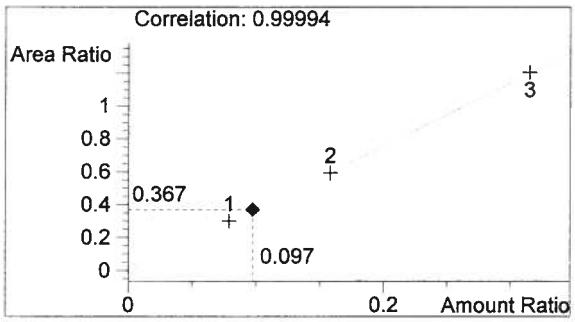
QAP0.08 09019 #2
Brittany Ball

vial # 18



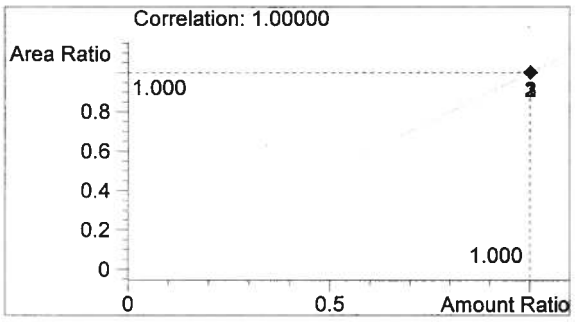
#	Compound	Area	RT
1	ETHANOL	828	1.068
2	n-PROPANOL	2256	1.828

Totals:



ETHANOL 0.097 g/100ml

BB



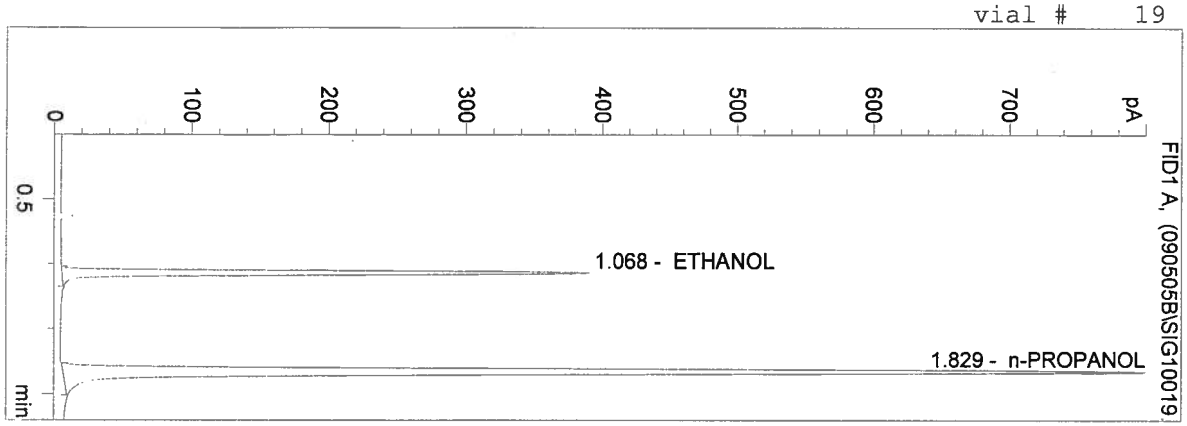
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/5/2009 11:53:59 AM
Instrument 3
db-alc2

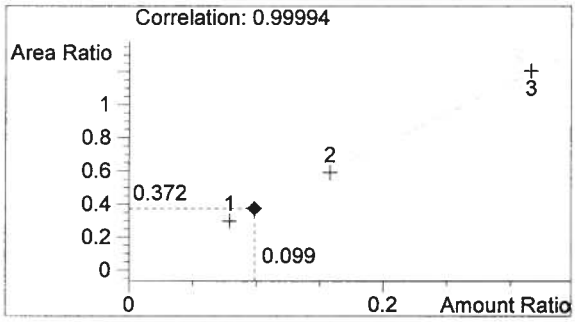
QAP0.08 09019 #3
Brittany Ball

vial # 19



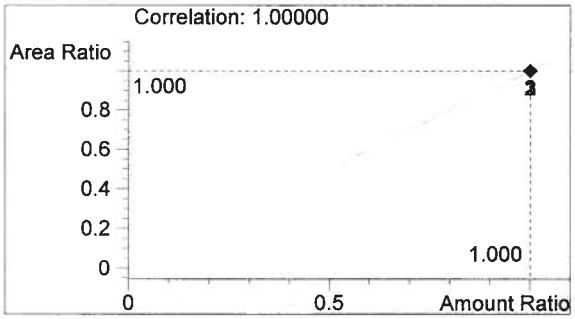
#	Compound	Area	RT
1	ETHANOL	868	1.068
2	n-PROPANOL	2333	1.829

Totals:



ETHANOL 0.099 g/100ml

BB



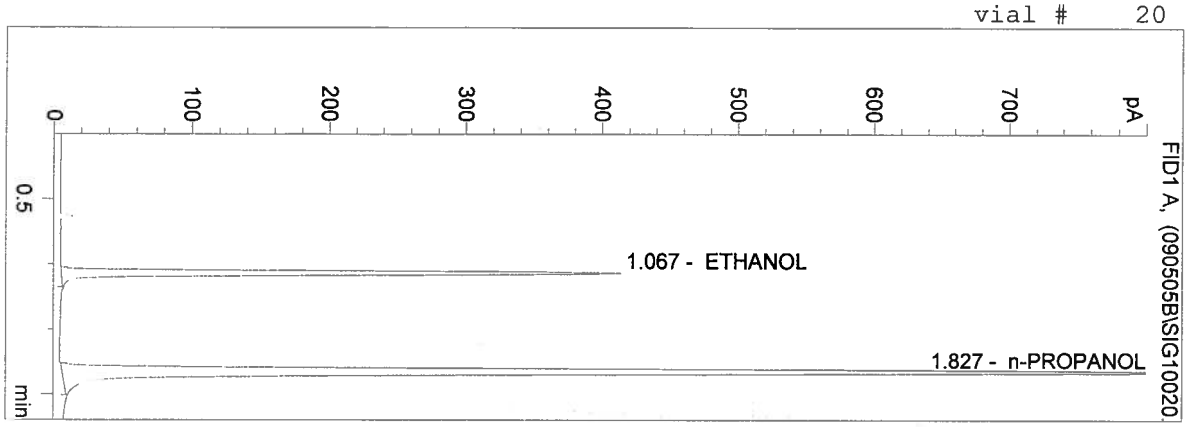
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/5/2009 11:57:07 AM
Instrument 3
db-alc2

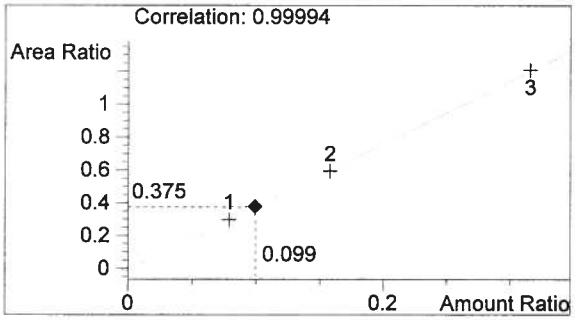
QAP0.08 09019 #4
Brittany Ball

vial # 20



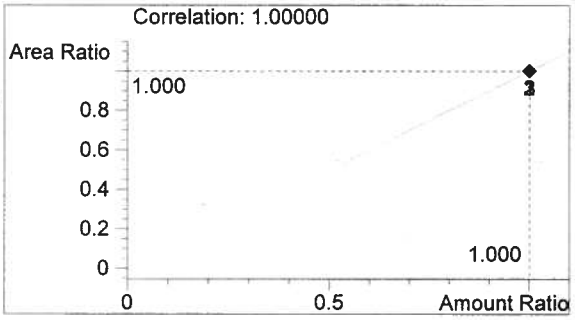
#	Compound	Area	RT
1	ETHANOL	922	1.067
2	n-PROPANOL	2463	1.827

Totals:



ETHANOL 0.099 g/100ml

BB



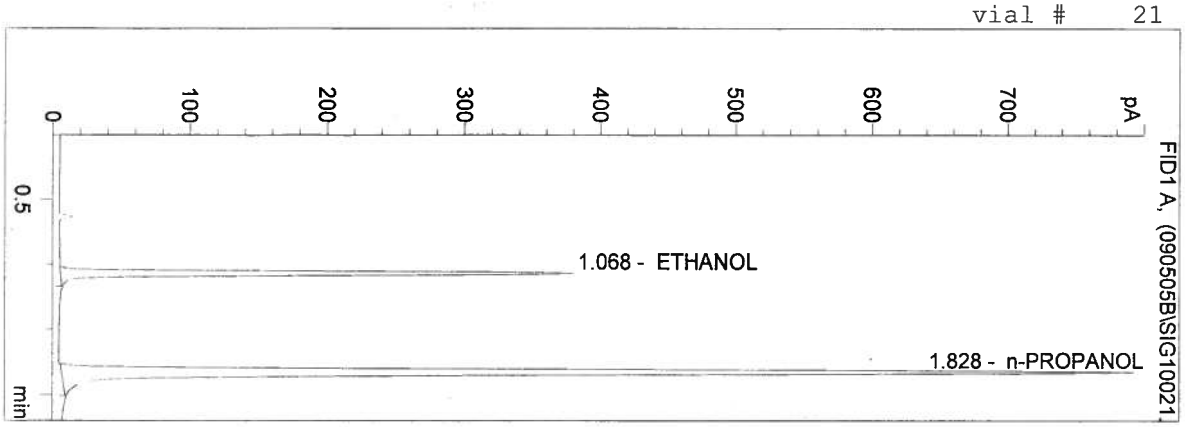
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/5/2009 12:00:15 PM
Instrument 3
db-alc2

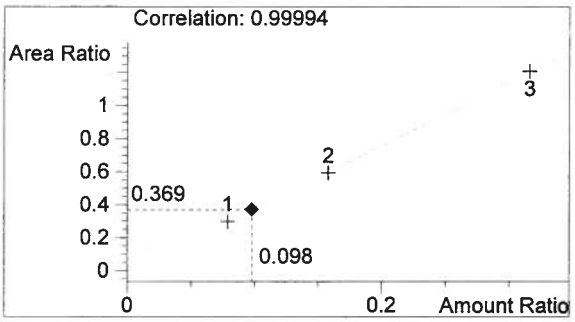
QAP0.08 09019 #5
Brittany Ball

vial # 21

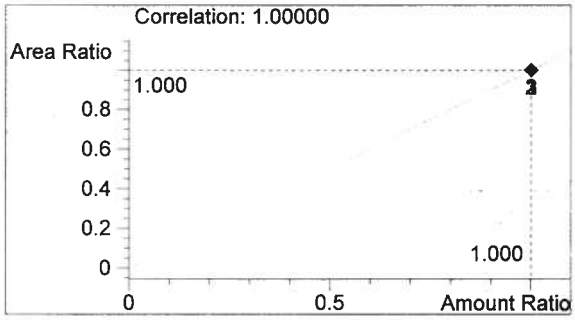


#	Compound	Area	RT
1	ETHANOL	841	1.068
2	n-PROPANOL	2278	1.828

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

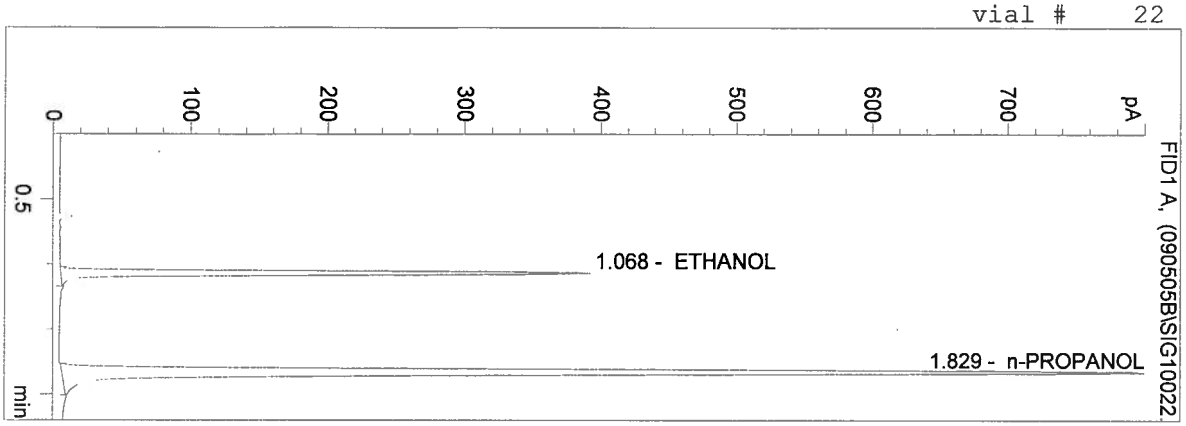
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/5/2009 12:03:22 PM
Instrument 3
db-alc2

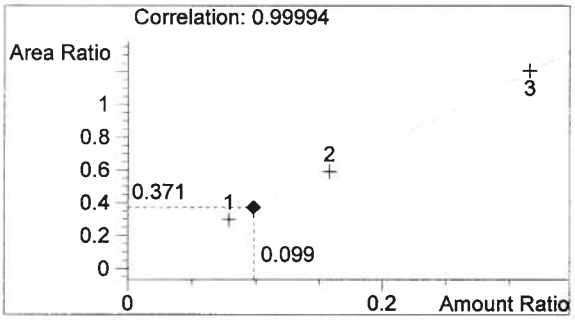
0.10 CTRL-BB
Brittany Ball

vial # 22



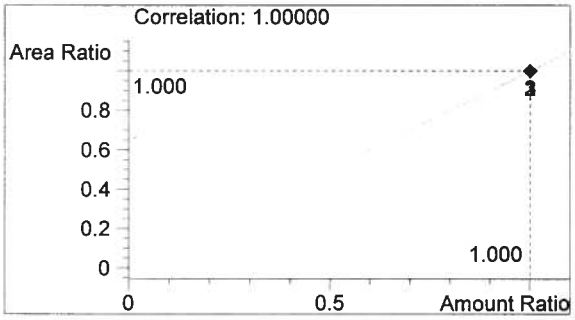
#	Compound	Area	RT
1	ETHANOL	869	1.068
2	n-PROPANOL	2340	1.829

Totals:



ETHANOL 0.099 g/100ml

BB



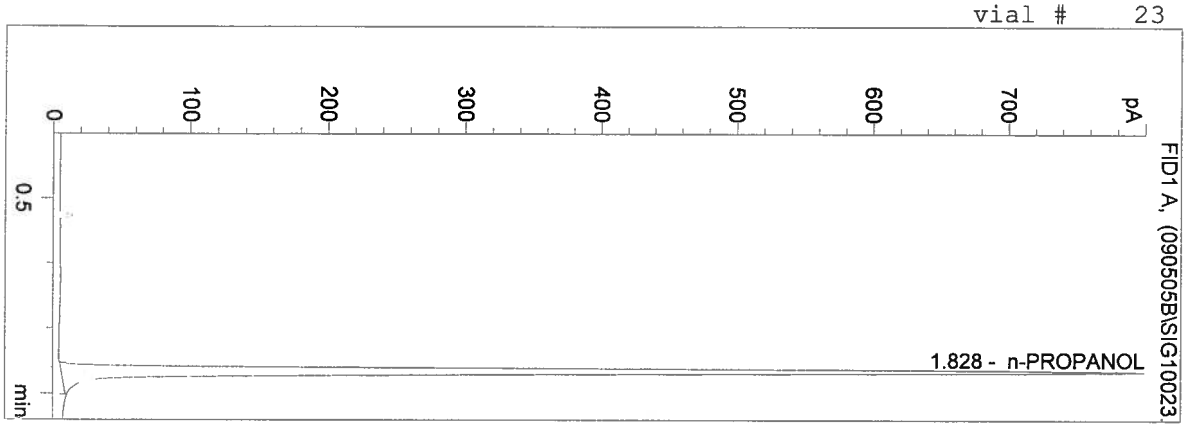
n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
5/5/2009 12:06:30 PM
Instrument 3
db-alc2

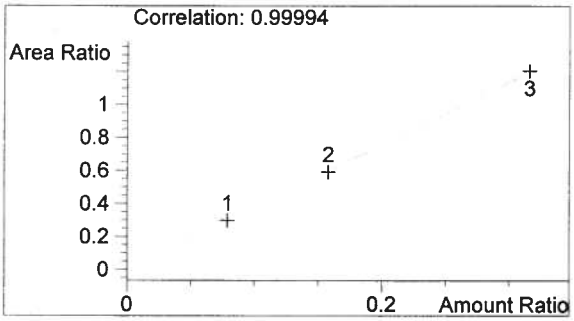
NEG CTRL-BB
Brittany Ball

vial # 23



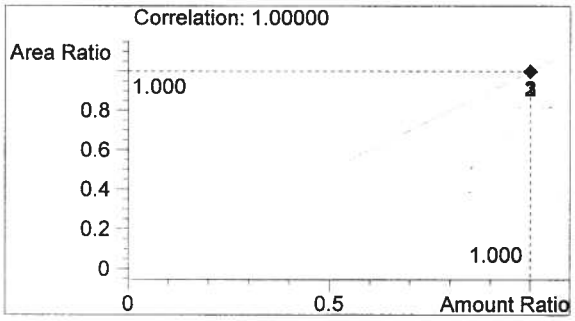
#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2330	1.828

Totals:



ETHANOL 0.000 g/100ml

BB



n-PROPANOL 1.000 g/100ml

Washington State Patrol Toxicology Laboratory Division

QAP SOLUTION PREPARATION WORKSHEET

Batch #: 09018, 09019, 09020, 09021

Preparer: BGa

Date Prepared: 5·4·09

Expiration Date: 5·4·10

Lot 200 Proof (100%) Ethanol Used: X03073

Date 200 Proof Ethanol Opened: 3·10·09
(Ethanol standard is approved for use for 6 months after opening unless an extension is approved by the State Toxicologist.)

Environmental Conditions Checked ☑

Vapor Concentration of QAP	Amount of Ethanol	Amount of Deionized Water	
0.04	11.2 mL	18 L	☑ 09018
0.08	22.4 mL	18 L	☑ 09019
0.1	28.1 mL	18 L	☑ 09020
0.15	42.0 mL	18 L	☑ 09021

Stir Bar is Rotating ☑

Stirred for at least 30 minutes ☑

Spigot Purged ☑

Aliquot Taken ☑

Batch Labeled Packaged and Sealed ☑ 5·4·09
Date

Brian E Akers
Analyst

5·4·09
Date