WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/18/2009

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 12034

CUSTOMER INFORMATION
Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.15 g/210L
DATE PREPARED: 07/26/2012
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Brittany Ball

	BB	NN	CM
1	0.192	0.192	0.189
2	0.191	0.190	0.189
3	0.189	0.190	0.189
4	0.190	0.190	0.189
5	0.191	0.190	0.190
C	0.103	0.102	0.102

ETHANOL CONTROL INFORMATION
LOT NUMBER: A083355 EXPIRATION: 12/2015 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1901 g/100mL
STANDARD DEVIATION: 0.00103
PRECISION CV (%): 0.54
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1545 g/210L**
COMBINED STANDARD UNCERTAINTY: ± 0.0017 (k=1, 68% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 Forensic Scientist Supervisor

9-12-2012
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BB	Brittany Ball	Brittany Ball	07/26/2012
NN	Naziha Nuwayhid		07/27/2012
CM	Christie Mitchell-Mata		07/31/2012

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division.

Washington State Patrol - Toxicology Laboratory Division
QAP Test Report Calculation Record

QAP Solution Batch #: 12034 **Date Prepared: 7/26/2012**

Analyst:	BB	NN	CM
Date Tested:	7/26/2012	7/27/2012	7/31/2012
Instrument:	HS#1	HS#1	HS#1
1	0.192	0.192	0.189
2	0.191	0.190	0.189
3	0.189	0.190	0.189
4	0.190	0.190	0.189
5	0.191	0.190	0.190
C	0.103	0.102	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000019685	0.0000106102	0.0001016326

Ethanol Control Lot #: A083355
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1901 g/100mL
Standard Deviation: 0.00103 g/100mL
Precision CV (%): 0.54
Equivalent Vapor Concentration: 0.1545 g/210L
Combined Standard Uncertainty (±): 0.0017 g/210L

Calculations performed by: Melissa L. Pemberton Melissa Pemberton 8.13.2012
Name Signature Date

Calculations verified by: Amanda M. Black 9-7-2012 Method: Hand Calculation
Name Signature Date

Tech. review performed by: Melissa L. Pemberton Melissa Pemberton 8/17/12
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 9-7-2012

Location: WSP - FLSB Seattle, WA **Solution Batch Number:** 12034

	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 Test Report:	☑	☐	☐
Average solution concentration correct:	☑	☐	☐
Standard deviation correct:	☑	☐	☐
CV (%) correct:	☑	☐	☐
Equivalent vapor concentration correct:	☑	☐	☐
All chromatograms and sequences included in file:	☑	☐	☐
Ethanol control information present: (lot # present & used within expiration)	☑	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☑	☐	☐

Comments:

Reviewer Signature: [signature] **Date:** 9-7-2012

Reviewer Signature: N/A QB 9-7-12 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

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 Test Report
3) Signed the Test Report

	Initials	Date
Amanda Black		
Asa Louis		
Brian Capron		
Brianna Peterson		
Brianne O'Reilly		
Brittany Ball	BB	8/14/12
Christie Mitchell-Mata	CM	8/15/12
Christopher Johnston		
Dawn Sklerov		
Justin Knoy		
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid	NN	8/23/12
Rebecca Flaherty		
Sarah Swenson		

Batch # 12034

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 0.15 QAP SOLUTION CERTIFICATION FOR LOT 12034

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 12034, was prepared in the Washington State Toxicology Laboratory on 7/26/2012. 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 shall not be used to perform a quality assurance procedure after 7/26/2013.

Seattle, WA

Brittany Ball 8/14/12

Brittany Ball Date

Forensic Toxicologist

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 0.15 QAP SOLUTION CERTIFICATION FOR LOT 12034

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 more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The qap solution, Lot Number 12034, was prepared in the Washington State Toxicology Laboratory on 7/26/2012. 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 shall not be used to perform a quality assurance procedure after 7/26/2013.

Seattle, WA

8/23/12

Naziha Nuwayhid Date
Forensic Toxicologist

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 0.15 QAP SOLUTION CERTIFICATION FOR LOT 12034

I, Christie Mitchell-Mata, 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: BA degree in Chemistry, MFS degree in Forensic Science, and over four years experience in forensic toxicology.

The qap solution, Lot Number 12034, was prepared in the Washington State Toxicology Laboratory on 7/26/2012. 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 shall not be used to perform a quality assurance procedure after 7/26/2013.

Seattle, WA

Christie Mitchell-Mata 8/15/12

Christie Mitchell-Mata Date

Forensic Toxicologist

WSP-TLD **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEET

Preparation Date: 7/26/12 Initials of Preparer: BB

Expiration Date: 7/26/13

Lot # of 200-proof Ethanol used in preparation: 2AJ0691

Date the 200-proof Ethanol bottle was opened: 7/13/12

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☑	12031
QAP 0.08	22.4	18	☑	12032
QAP 0.10	28.1	18	☑	12033
QAP 0.15	42.0	18	☑	12034
ESS	66.5	52	☐	

Stir bar is rotating	☑
Stirred for minimum 30 minutes; 2 hours for ESS	☑
Spigot purged	☑
Aliquot taken	☑
Batch labeled, packaged and sealed	☑ 7/26/12 Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Brittany Ball
Analyst Signature

7/26/12
Date

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

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\1\DATA\
Data Subdirectory:	120726BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A084657 - exp 02/2016

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot#E0612
3	Vial 3	Lot#E0612
4	Vial 4	Lot#E0612
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

BB

120734

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

Line	Location	Sample Information
17	Vial 17	
18	Vial 18	
19	Vial 19	
20	Vial 20	
21	Vial 21	
22	Vial 22	
23	Vial 23	
24	Vial 24	
25	Vial 25	
26	Vial 26	
27	Vial 27	
28	Vial 28	
29	Vial 29	
30	Vial 30	
31	Vial 31	
32	Vial 32	
33	Vial 33	
34	Vial 34	
35	Vial 35	
36	Vial 36	
37	Vial 37	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	QAP0.04 12031 #1	SIMALC1	1	Sample		
11	Vial 11	QAP0.04 12031 #2	SIMALC1	1	Sample		
12	Vial 12	QAP0.04 12031 #3	SIMALC1	1	Sample		
13	Vial 13	QAP0.04 12031 #4	SIMALC1	1	Sample		
14	Vial 14	QAP0.04 12031 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
17	Vial 17	QAP0.08 12032 #1	SIMALC1	1	Sample		

BB

12034

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
18	Vial 18	QAP0.08 12032 #2	SIMALC1	1	Sample		
19	Vial 19	QAP0.08 12032 #3	SIMALC1	1	Sample		
20	Vial 20	QAP0.08 12032 #4	SIMALC1	1	Sample		
21	Vial 21	QAP0.08 12032 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
24	Vial 24	QAP0.10 12033 #1	SIMALC1	1	Sample		
25	Vial 25	QAP0.10 12033 #2	SIMALC1	1	Sample		
26	Vial 26	QAP0.10 12033 #3	SIMALC1	1	Sample		
27	Vial 27	QAP0.10 12033 #4	SIMALC1	1	Sample		
28	Vial 28	QAP0.10 12033 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		
31	Vial 31	QAP0.15 12034#1	SIMALC1	1	Sample		
32	Vial 32	QAP0.15 12034 #2	SIMALC1	1	Sample		
33	Vial 33	QAP0.15 12034 #3	SIMALC1	1	Sample		
34	Vial 34	QAP0.15 12034 #4	SIMALC1	1	Sample		
35	Vial 35	QAP0.15 12034 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL-BB	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL-BB	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

BB

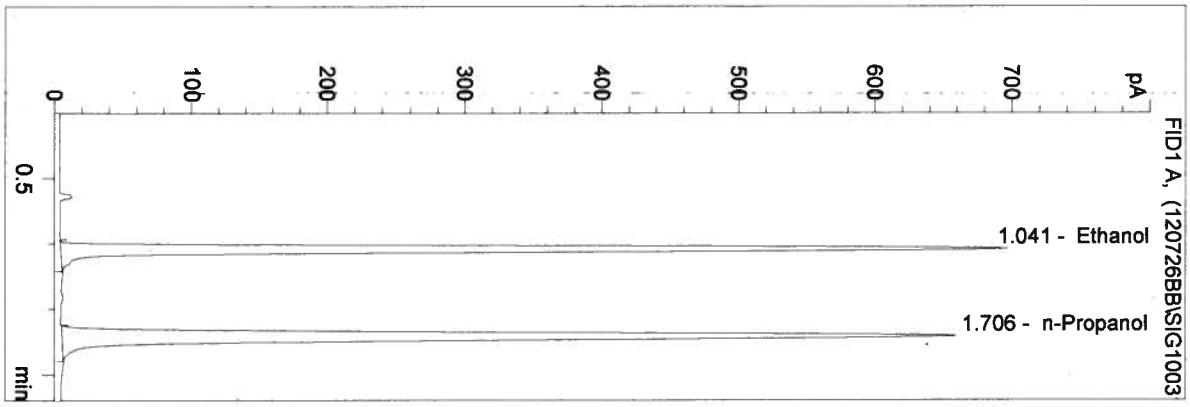
12034

WASHINGTON STATE TOXICOLOGY LABORATORY

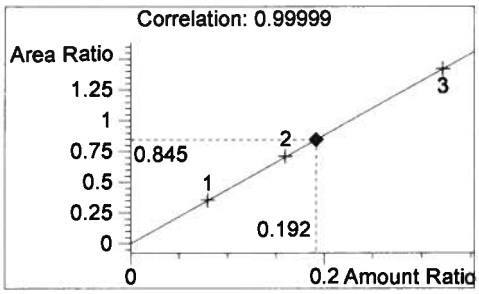
C:\HPCHEM\1\METHODS\SIMALC1.M
7/26/2012 12:05:22 PM
Instrument 1
DB-ALC1

QAP0.15 12034#1
Brittany Ball

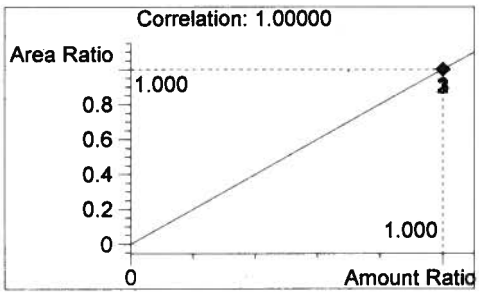
vial # 31



#	Compound	Area	RT
1	Ethanol	2192	1.041
2	n-Propanol	2592	1.706
Tot			



Ethanol 0.192 g/100 mL



n-Propanol 1.000 g/100 mL

BB

WASHINGTON STATE TOXICOLOGY LABORATORY

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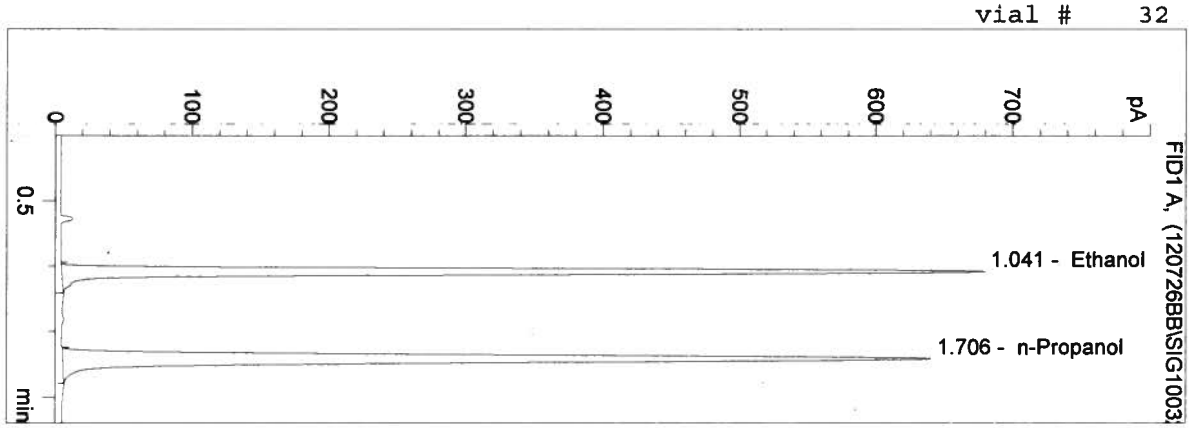
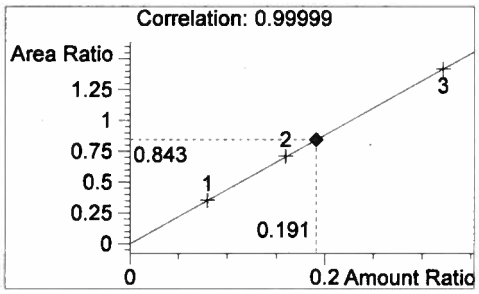
Instrument 1
DB-ALC1

QAP0.15 12034 #2
Brittany Ball

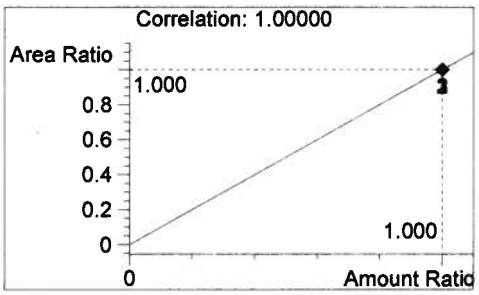
vial # 32



#	Compound	Area	RT
1	Ethanol	2130	1.041
2	n-Propanol	2527	1.706
Tot			



Ethanol 0.191 g/100 mL



n-Propanol 1.000 g/100 mL

BB

WASHINGTON STATE TOXICOLOGY LABORATORY

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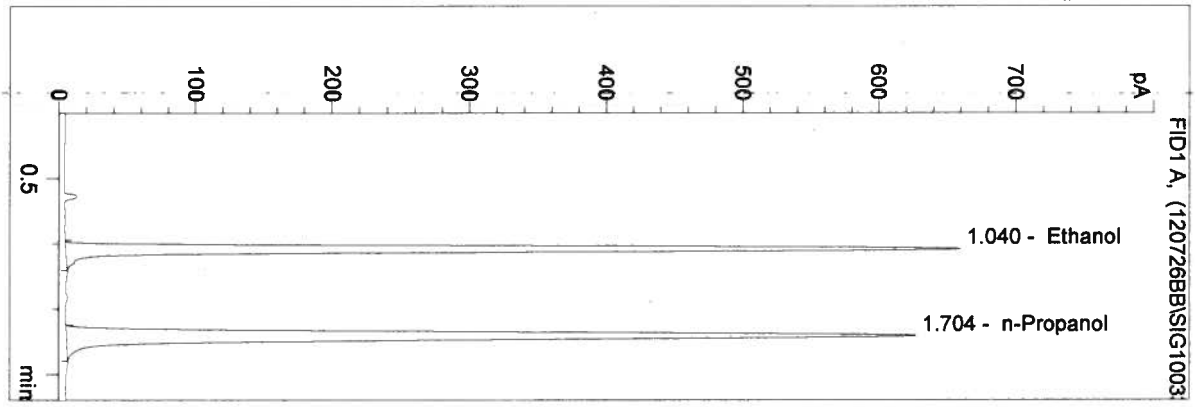
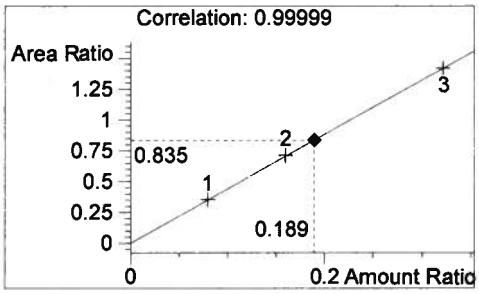
Instrument 1
DB-ALC1

QAP0.15 12034 #3
Brittany Ball

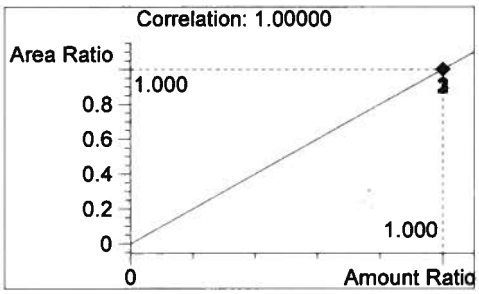
vial # 33



#	Compound	Area	RT
1	Ethanol	2061	1.040
2	n-Propanol	2469	1.704
Tot			



Ethanol 0.189 g/100 mL



n-Propanol 1.000 g/100 mL

BB

WASHINGTON STATE TOXICOLOGY LABORATORY

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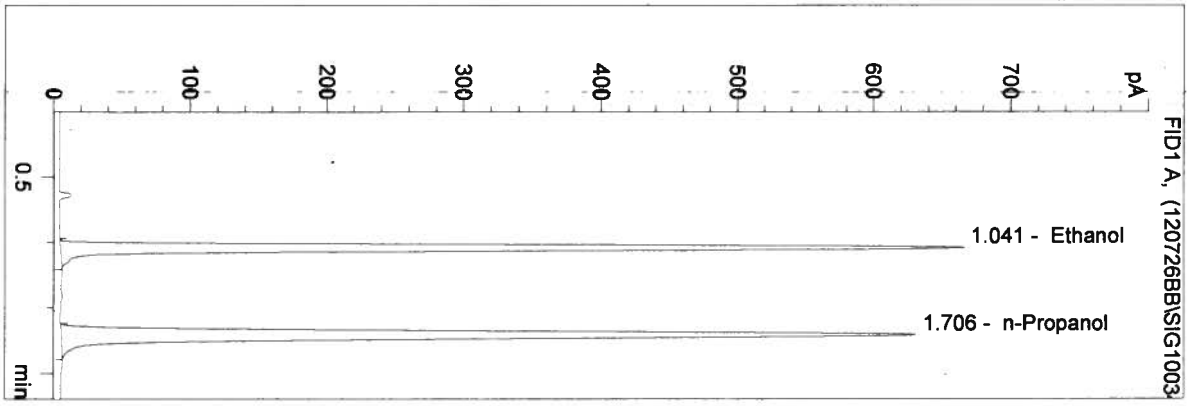
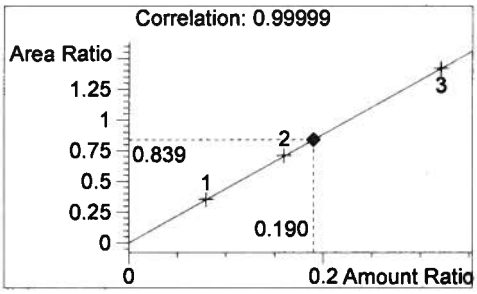
Instrument 1
DB-ALC1

QAP0.15 12034 #4
Brittany Ball

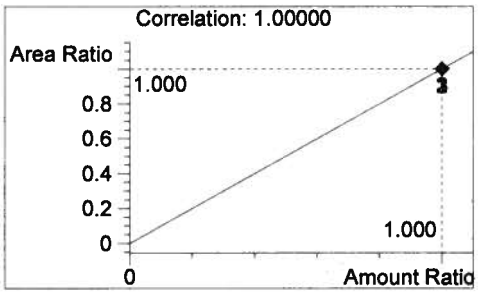
vial # 34



#	Compound	Area	RT
1	Ethanol	2079	1.041
2	n-Propanol	2478	1.706
Tot			



Ethanol 0.190 g/100 mL



n-Propanol 1.000 g/100 mL

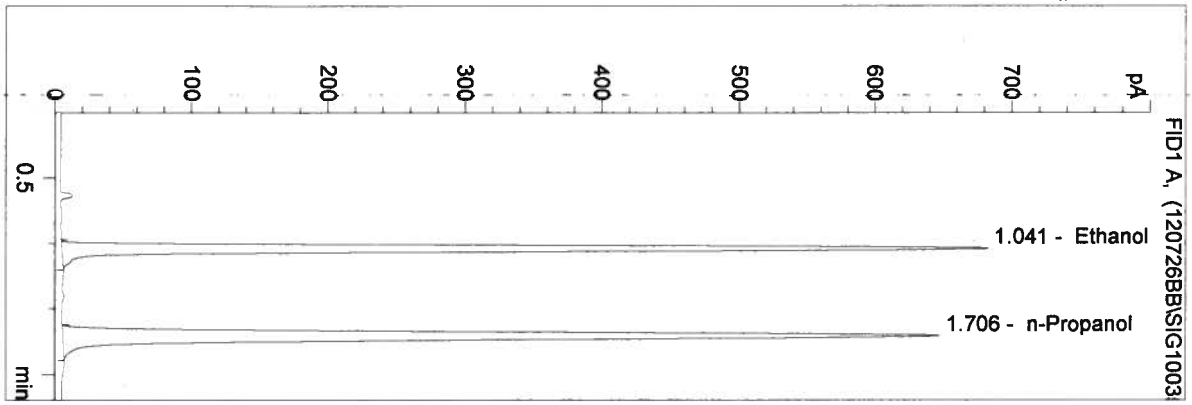
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

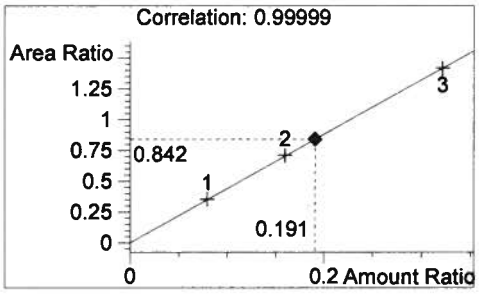
C:\HPCHEM\1\METHODS\SIMALC1.M
7/26/2012 12:17:41 PM
Instrument 1
DB-ALC1

QAP0.15 12034 #5
Brittany Ball

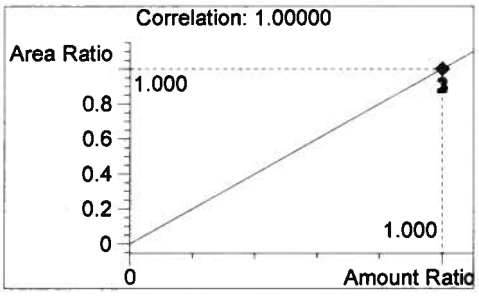
vial # 35



#	Compound	Area	RT
1	Ethanol	2141	1.041
2	n-Propanol	2544	1.706
Tot			



Ethanol 0.191 g/100 mL



n-Propanol 1.000 g/100 mL

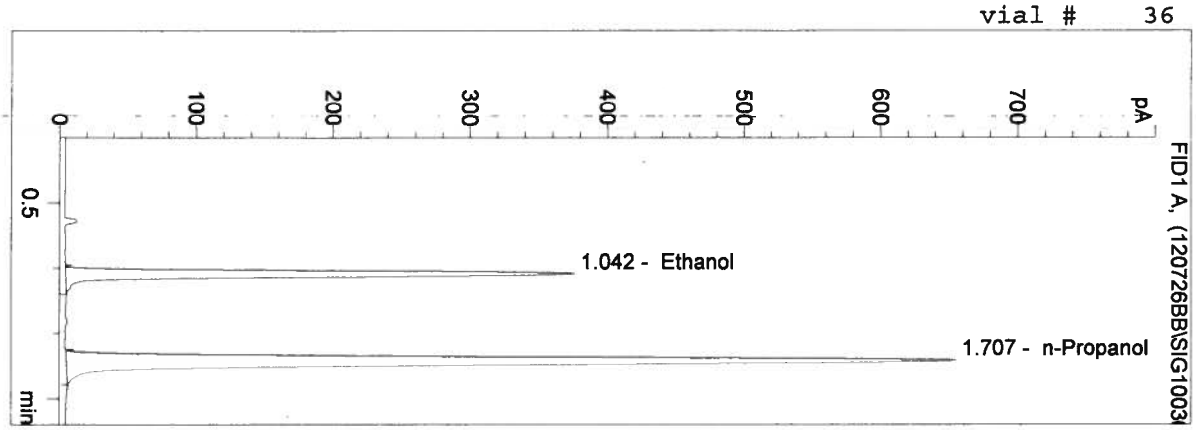
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

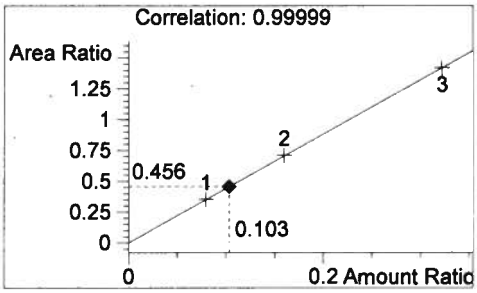
C:\HPCHEM\1\METHODS\SIMALC1.M
7/26/2012 12:20:46 PM
Instrument 1
DB-ALC1

0.10 CTRL-BB
Brittany Ball

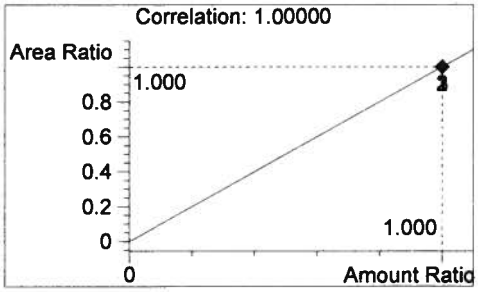
vial # 36



#	Compound	Area	RT
1	Ethanol	1176	1.042
2	n-Propanol	2579	1.707
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BB

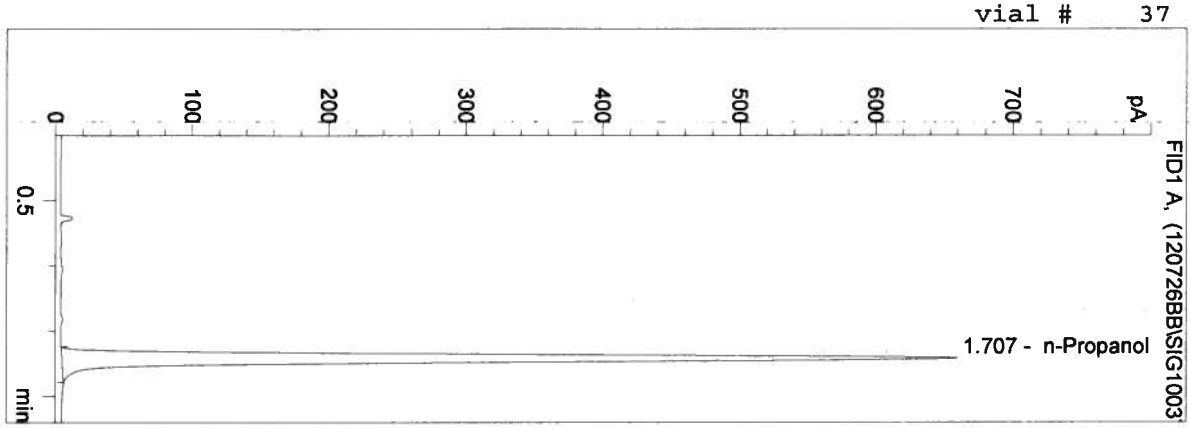
12034

WASHINGTON STATE TOXICOLOGY LABORATORY

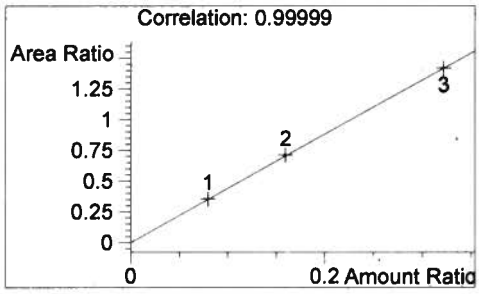
C:\HPCHEM\1\METHODS\SIMALC1.M
7/26/2012 12:23:51 PM
Instrument 1
DB-ALC1

NEG CTRL-BB
Brittany Ball

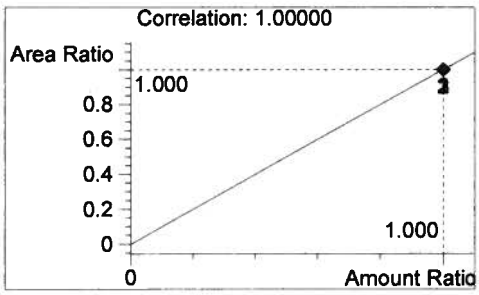
vial # 37



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2595	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BB

12034

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

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120727NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 - Lot: E0612-01 - exp 9/25/2012
Cal 2 - Lot: E0612-02 - exp 9/25/2012
Cal 3 - Lot: E0612-03 - exp 9/25/2012
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A084657 - exp 02/2016

Data for vials 1 through 9 are stored in file folder for solution 12032. NN 7/27/12

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot: E0612-01
3	Vial 3	Lot: E0612-02
4	Vial 4	Lot: E0612-03
5	Vial 5	
6	Vial 6	Lot: A077459 - exp: 02/2015
7	Vial 7	Lot: A083355 - exp: 12/2015
8	Vial 8	Lot: A084657 - exp: 02/2016
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	Lot: A083355 - exp: 12/2015

12034

NN 7/27/12

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

16 Vial 16

17 Vial 17

18 Vial 18

19 Vial 19

20 Vial 20

21 Vial 21

22 Vial 22 Lot: A083355 - exp: 12/2015

23 Vial 23

24 Vial 24

25 Vial 25

26 Vial 26

27 Vial 27

28 Vial 28

29 Vial 29 Lot: A083355 - exp: 12/2015

30 Vial 30

31 Vial 31

32 Vial 32

33 Vial 33

34 Vial 34

35 Vial 35

36 Vial 36 Lot: A083355 - exp: 12/2015

37 Vial 37

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-NN	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-NN	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-NN	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-NN	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-NN	SIMALC1	1	Ctrl Samp		
10	Vial 10	12032-1	SIMALC1	1	Sample		
11	Vial 11	12032-2	SIMALC1	1	Sample		
12	Vial 12	12032-3	SIMALC1	1	Sample		
13	Vial 13	12032-4	SIMALC1	1	Sample		
14	Vial 14	12032-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL-NN	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-NN	SIMALC1	1	Ctrl Samp		
17	Vial 17	12033-1	SIMALC1	1	Sample		
18	Vial 18	12033-2	SIMALC1	1	Sample		

1 2 0 3 4

NN 7/27/12

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
19	Vial 19	12033-3	SIMALC1	1	Sample		
20	Vial 20	12033-4	SIMALC1	1	Sample		
21	Vial 21	12033-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CONTROL-NN	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CONTROL-NN	SIMALC1	1	Ctrl Samp		
24	Vial 24	12034-1	SIMALC1	1	Sample		
25	Vial 25	12034-2	SIMALC1	1	Sample		
26	Vial 26	12034-3	SIMALC1	1	Sample		
27	Vial 27	12034-4	SIMALC1	1	Sample		
28	Vial 28	12034-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CONTROL-NN	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CONTROL-NN	SIMALC1	1	Ctrl Samp		
31	Vial 31	12035-1	SIMALC1	1	Sample		
32	Vial 32	12035-2	SIMALC1	1	Sample		
33	Vial 33	12035-3	SIMALC1	1	Sample		
34	Vial 34	12035-4	SIMALC1	1	Sample		
35	Vial 35	12035-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CONTROL-NN	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CONTROL-NN	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12034

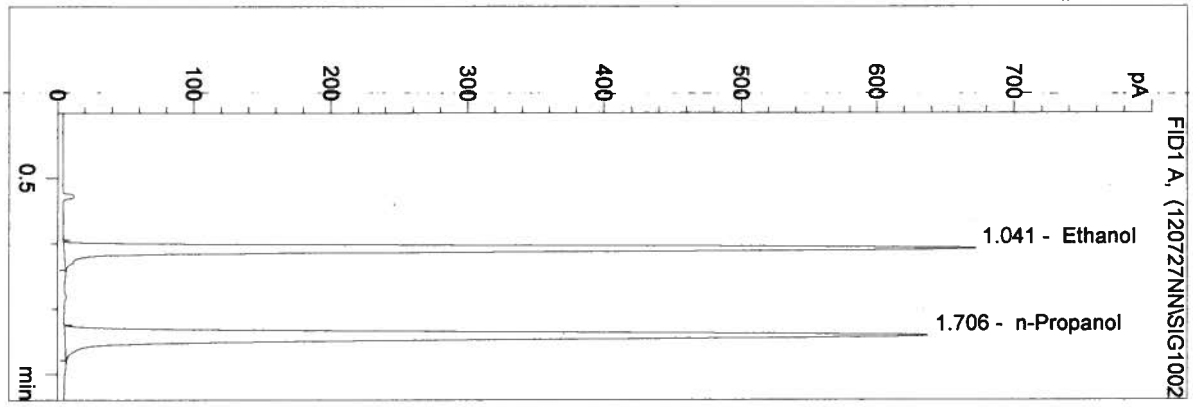
NN 7/27/12

WASHINGTON STATE TOXICOLOGY LABORATORY

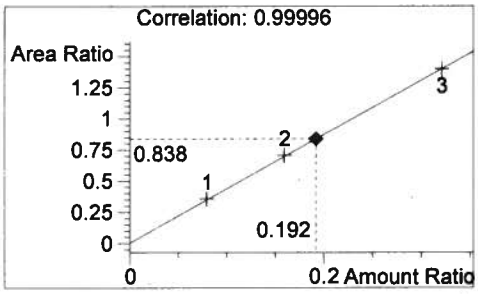
C:\HPCHEM\1\METHODS\SIMALC1.M
7/27/2012 1:44:31 PM
Instrument 1
DB-ALC1

12034-1
Naziha Nuwayhid, PhD

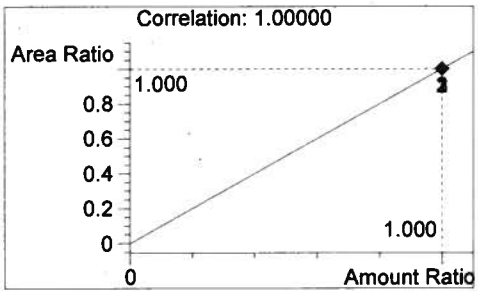
vial # 24



#	Compound	Area	RT
1	Ethanol	2109	1.041
2	n-Propanol	2515	1.706
Tot			



Ethanol 0.192 g/100 mL



n-Propanol 1.000 g/100 mL

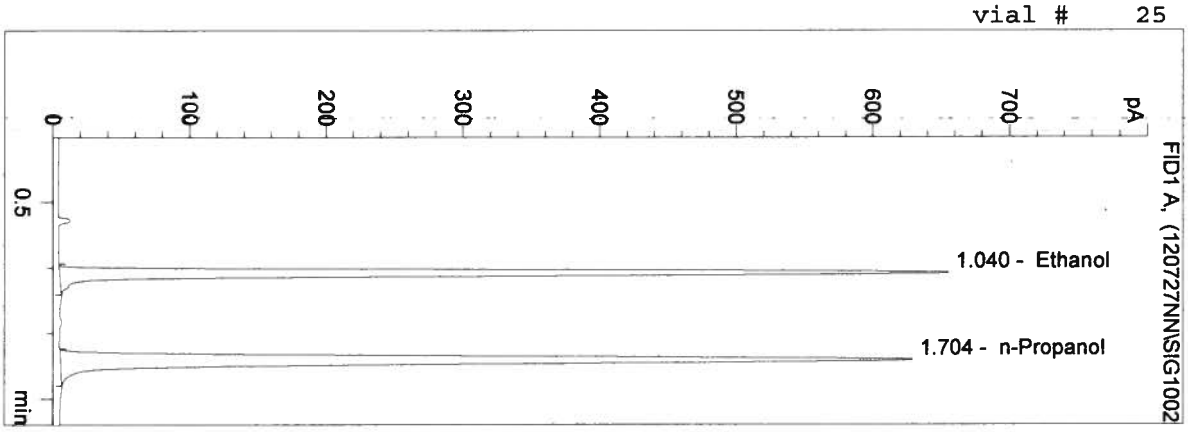
NN
7/27/12

WASHINGTON STATE TOXICOLOGY LABORATORY

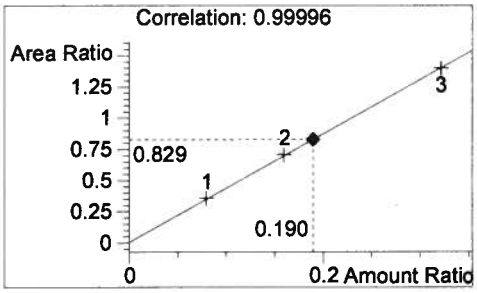
C:\HPCHEM\1\METHODS\SIMALC1.M
7/27/2012 1:47:35 PM
Instrument 1
DB-ALC1

12034-2
Naziha Nuwayhid, PhD

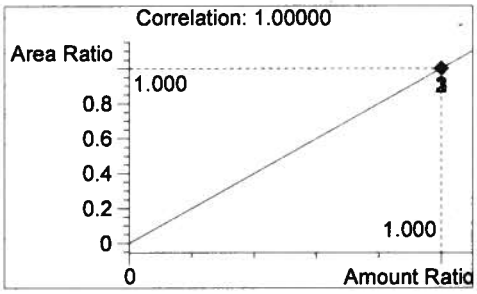
vial # 25



#	Compound	Area	RT
1	Ethanol	2060	1.040
2	n-Propanol	2484	1.704
Tot			



Ethanol 0.190 g/100 mL



n-Propanol 1.000 g/100 mL

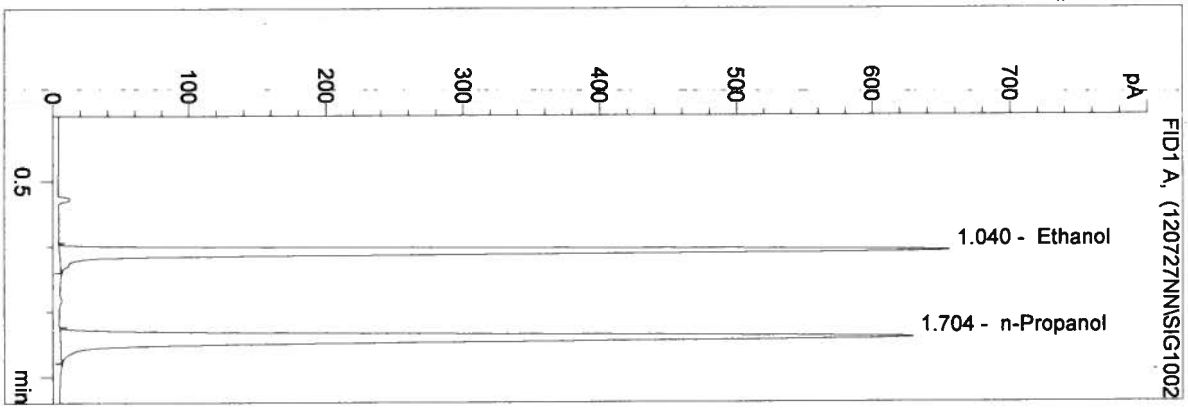
NW
7/27/12

WASHINGTON STATE TOXICOLOGY LABORATORY

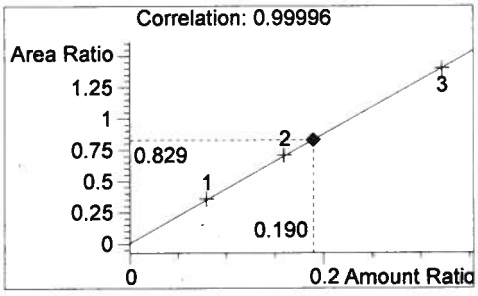
C:\HPCHEM\1\METHODS\SIMALC1.M
7/27/2012 1:50:40 PM
Instrument 1
DB-ALC1

12034-3
Naziha Nuwayhid, PhD

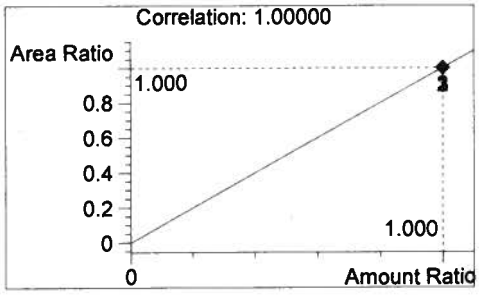
vial # 26



#	Compound	Area	RT
1	Ethanol	2063	1.040
2	n-Propanol	2488	1.704
Tot			



Ethanol 0.190 g/100 mL



n-Propanol 1.000 g/100 mL

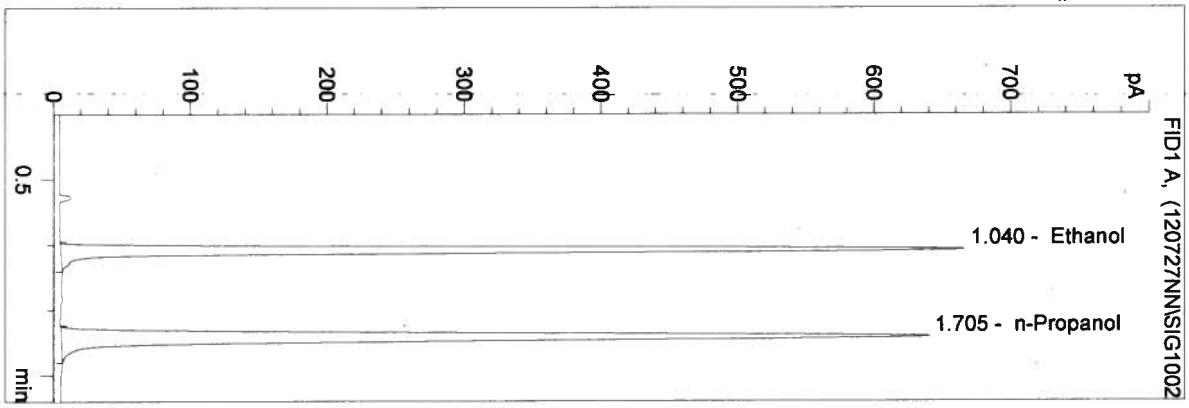
NN
7/27/12

WASHINGTON STATE TOXICOLOGY LABORATORY

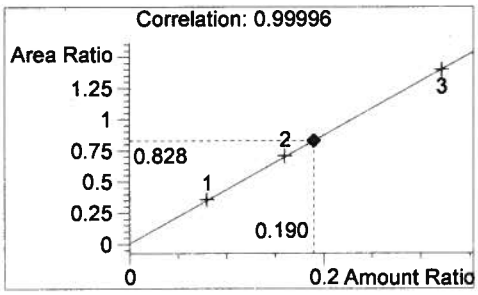
C:\HPCHEM\1\METHODS\SIMALC1.M
7/27/2012 1:53:45 PM
Instrument 1
DB-ALC1

12034-4
Naziha Nuwayhid, PhD

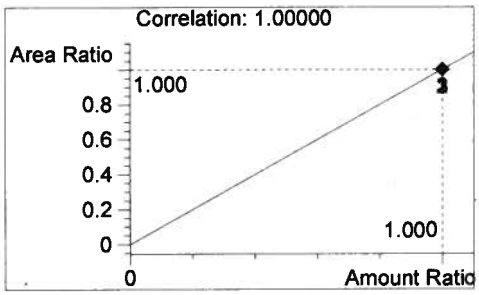
vial # 27



#	Compound	Area	RT
1	Ethanol	2085	1.040
2	n-Propanol	2518	1.705
Tot			



Ethanol 0.190 g/100 mL



n-Propanol 1.000 g/100 mL

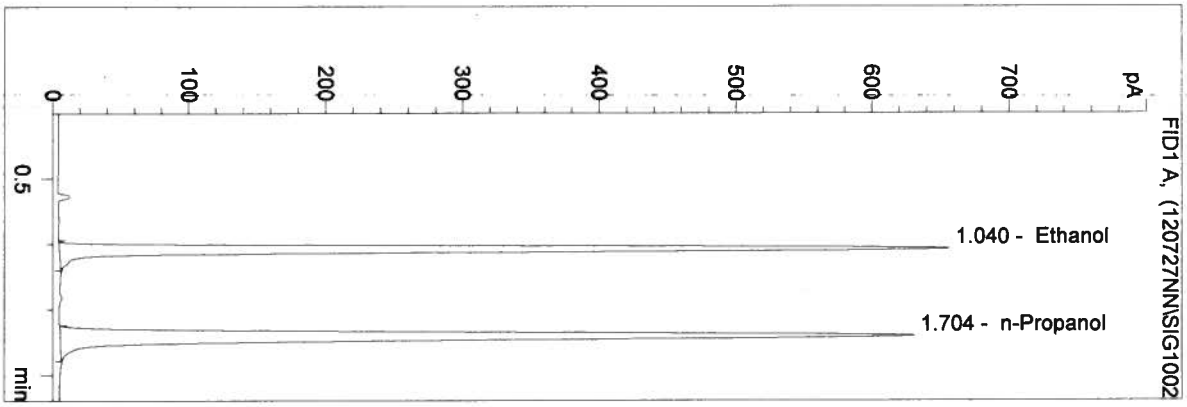
NN
7/27/12

WASHINGTON STATE TOXICOLOGY LABORATORY

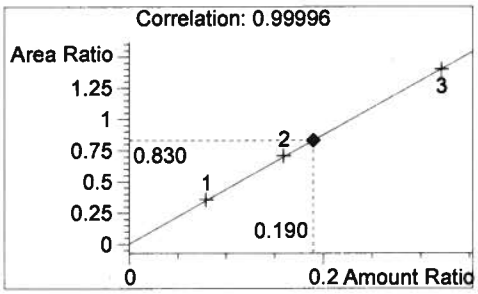
C:\HPCHEM\1\METHODS\SIMALC1.M
7/27/2012 1:56:49 PM
Instrument 1
DB-ALC1

12034-5
Naziha Nuwayhid, PhD

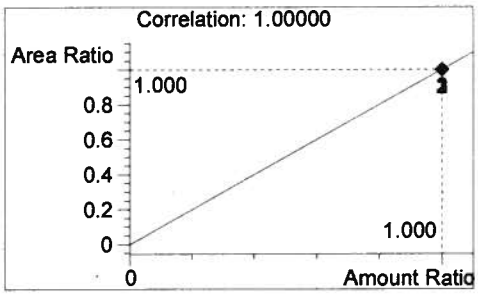
vial # 28



#	Compound	Area	RT
1	Ethanol	2064	1.040
2	n-Propanol	2487	1.704
Tot			



Ethanol 0.190 g/100 mL



n-Propanol 1.000 g/100 mL

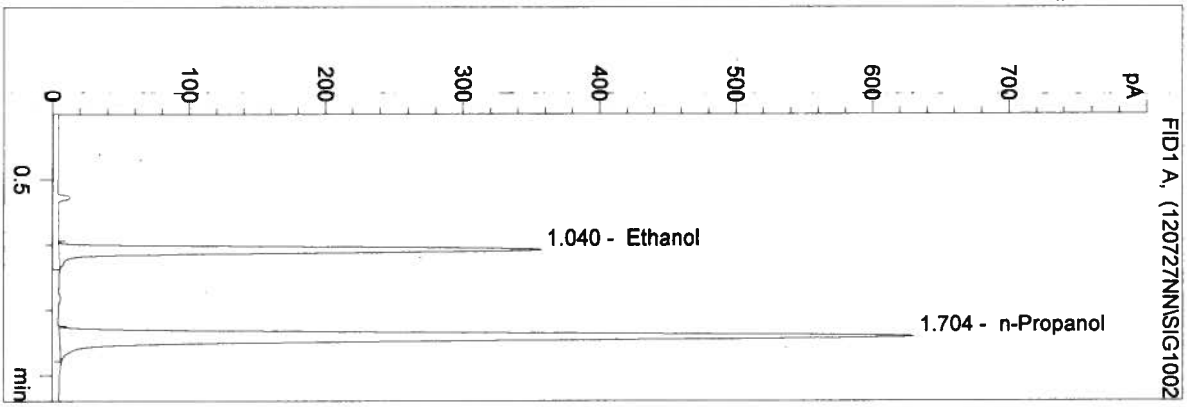
NN
7/27/12

WASHINGTON STATE TOXICOLOGY LABORATORY

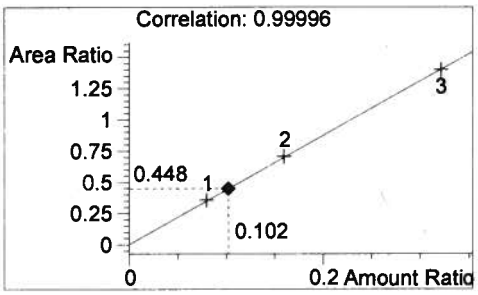
C:\HPCHEM\1\METHODS\SIMALC1.M
7/27/2012 1:59:54 PM
Instrument 1
DB-ALC1

0.10 CONTROL-NN
Naziha Nuwayhid, PhD

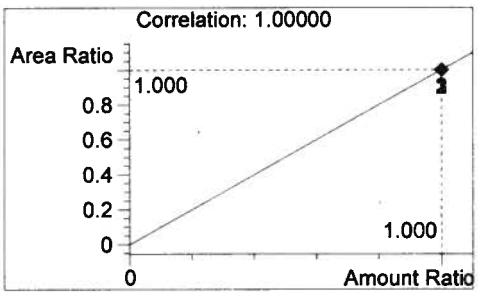
vial # 29



#	Compound	Area	RT
1	Ethanol	1115	1.040
2	n-Propanol	2488	1.704
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

12034

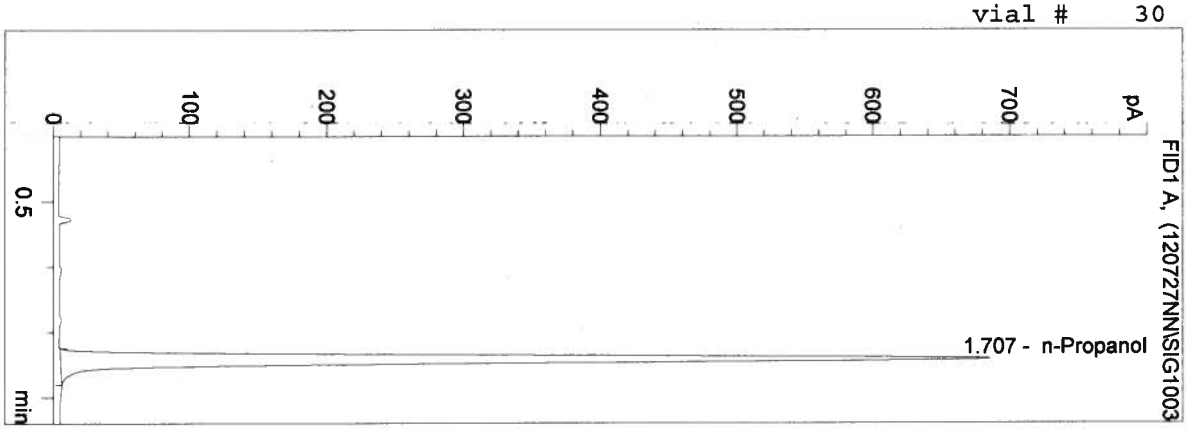
NN
7/27/12

WASHINGTON STATE TOXICOLOGY LABORATORY

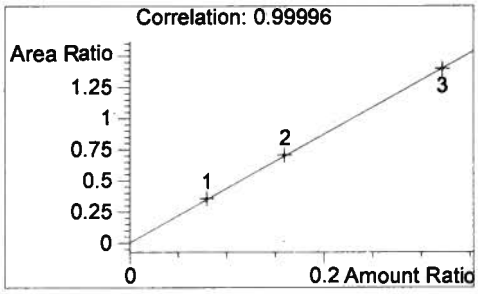
C:\HPCHEM\1\METHODS\SIMALC1.M
7/27/2012 2:02:59 PM
Instrument 1
DB-ALC1

NEG CONTROL-NN
Naziha Nuwayhid, PhD

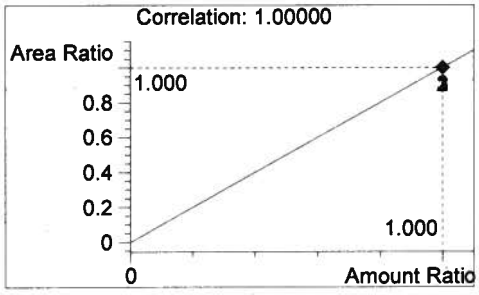
vial # 30



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2711	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12034

NV
7/27/12

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

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	120731CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A084657 - exp 02/2016

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot#E0612-01 Exp. 9/25/12
3	Vial 3	Lot#E0612-02 Exp. 9/25/12
4	Vial 4	Lot#E0612-03 Exp. 9/25/12
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

Calibrators filed
4/12032 data
CM 7/31/12 1203 4

CM

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

Line	Location	Sample Information
17	Vial 17	
18	Vial 18	
19	Vial 19	
20	Vial 20	
21	Vial 21	
22	Vial 22	
23	Vial 23	
24	Vial 24	
25	Vial 25	
26	Vial 26	
27	Vial 27	
28	Vial 28	
29	Vial 29	
30	Vial 30	
31	Vial 31	
32	Vial 32	
33	Vial 33	
34	Vial 34	
35	Vial 35	
36	Vial 36	
37	Vial 37	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL -CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	12032 #1	SIMALC1	1	Sample		
11	Vial 11	12032 #2	SIMALC1	1	Sample		
12	Vial 12	12032 #3	SIMALC1	1	Sample		
13	Vial 13	12032 #4	SIMALC1	1	Sample		
14	Vial 14	12032 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
17	Vial 17	12033 #1	SIMALC1	1	Sample		

12034

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
18	Vial 18	12033 #2	SIMALC1	1	Sample		
19	Vial 19	12033 #3	SIMALC1	1	Sample		
20	Vial 20	12033 #4	SIMALC1	1	Sample		
21	Vial 21	12033 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
24	Vial 24	12034 #1	SIMALC1	1	Sample		
25	Vial 25	12034 #2	SIMALC1	1	Sample		
26	Vial 26	12034 #3	SIMALC1	1	Sample		
27	Vial 27	12034 #4	SIMALC1	1	Sample		
28	Vial 28	12034 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
31	Vial 31	12036 #1	SIMALC1	1	Sample		
32	Vial 32	12036 #2	SIMALC1	1	Sample		
33	Vial 33	12036 #3	SIMALC1	1	Sample		
34	Vial 34	12036 #4	SIMALC1	1	Sample		
35	Vial 35	12036 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12034

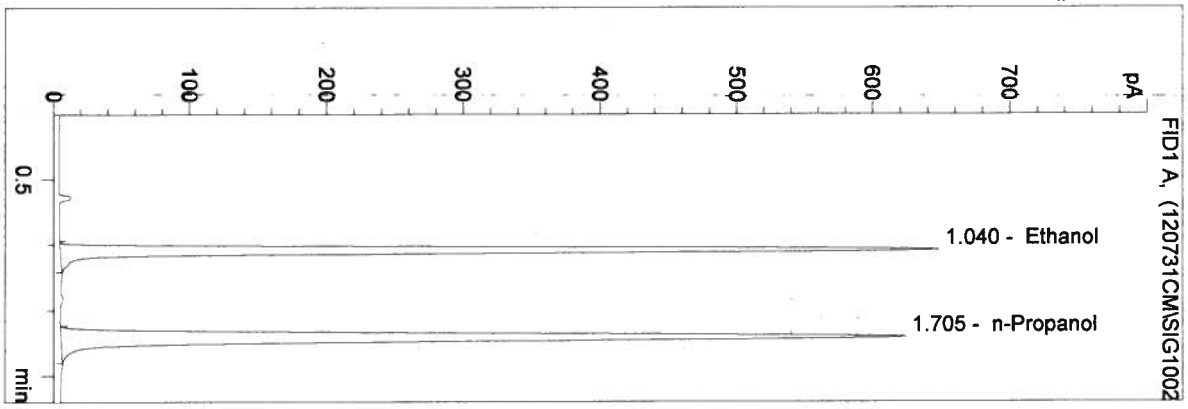
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

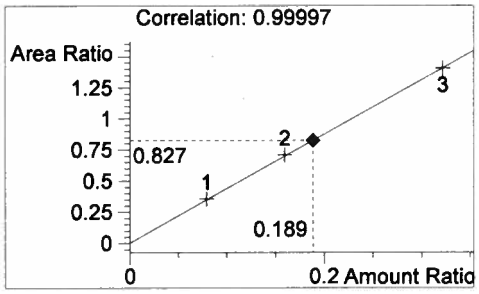
C:\HPCHEM\1\METHODS\SIMALC1.M
7/31/2012 2:02:22 PM
Instrument 1
DB-ALC1

12034 #1
Christie Mitchell-Mata

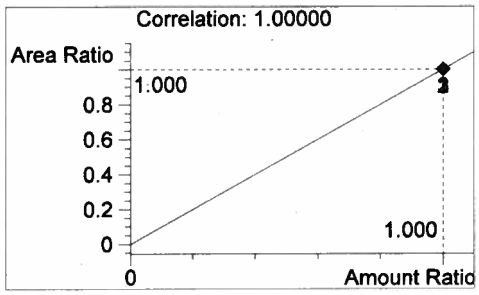
vial # 24



#	Compound	Area	RT
1	Ethanol	2046	1.040
2	n-Propanol	2474	1.705
Tot			



Ethanol 0.189 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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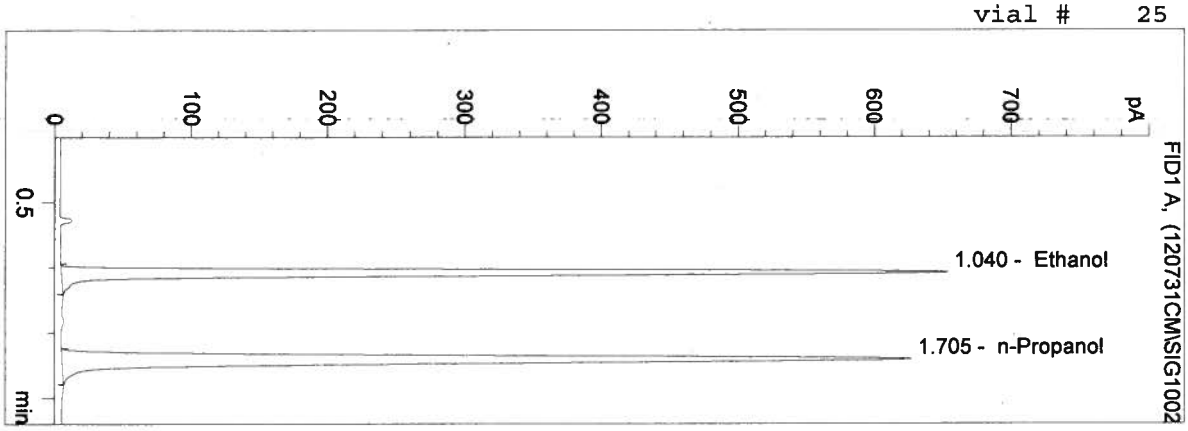
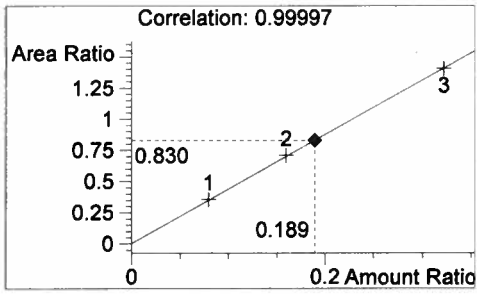
Instrument 1
DB-ALC1

12034 #2
Christie Mitchell-Mata

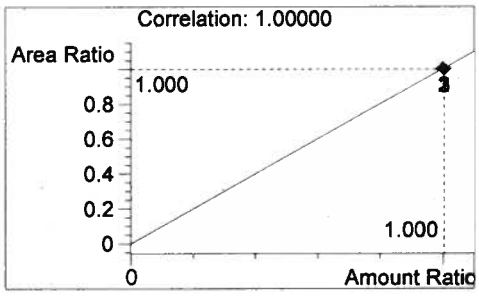
vial # 25



#	Compound	Area	RT
1	Ethanol	2059	1.040
2	n-Propanol	2482	1.705
Tot			



Ethanol 0.189 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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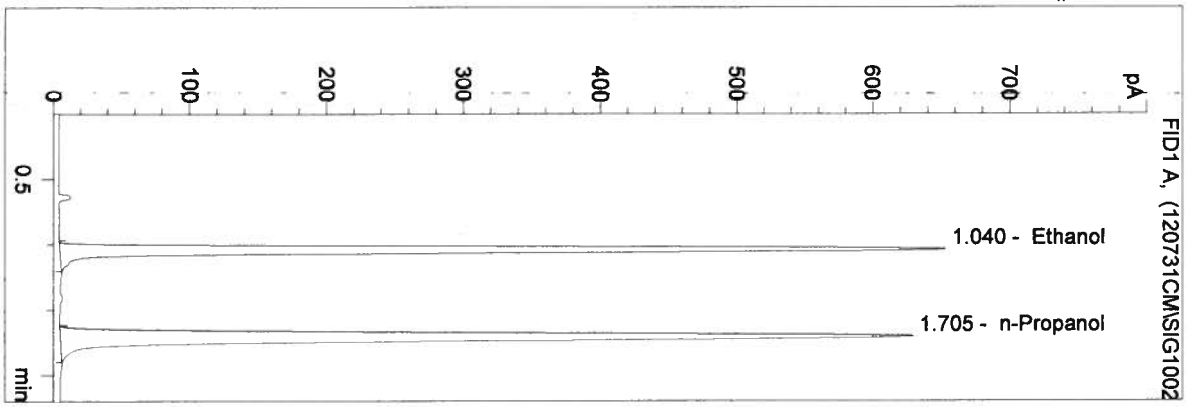
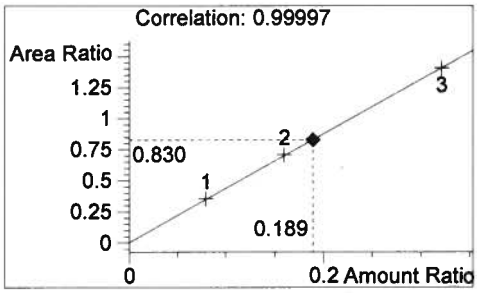
Instrument 1
DB-ALC1

12034 #3
Christie Mitchell-Mata

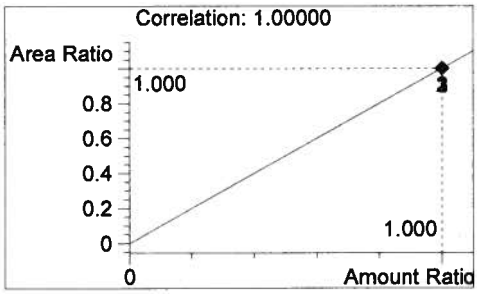
vial # 26



#	Compound	Area	RT
1	Ethanol	2069	1.040
2	n-Propanol	2493	1.705
Tot			



Ethanol 0.189 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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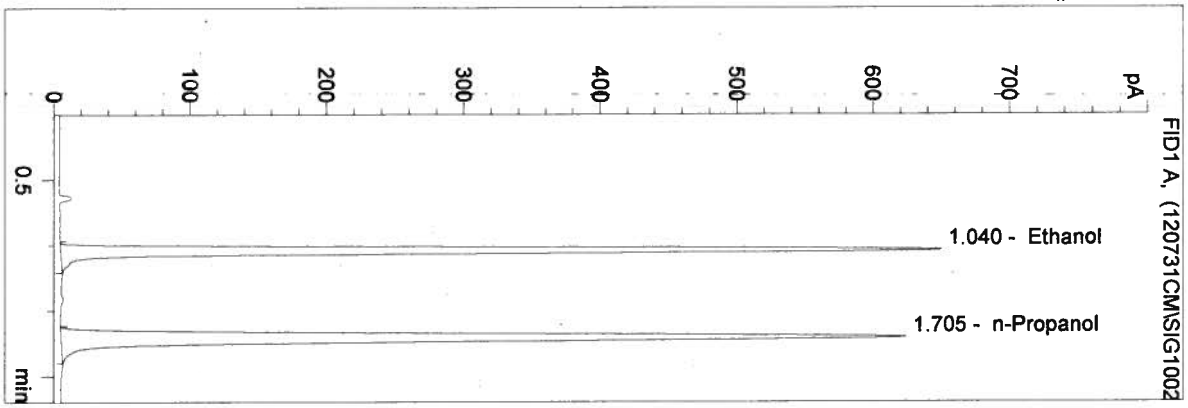
Instrument 1
DB-ALC1

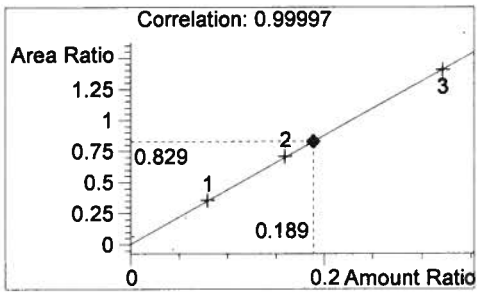
12034 #4
Christie Mitchell-Mata

vial # 27

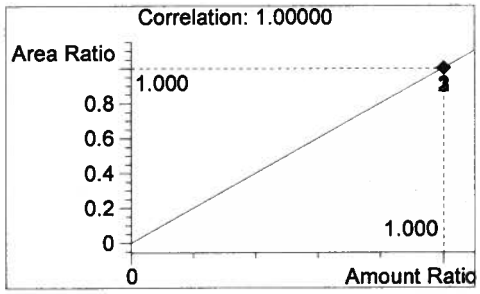


#	Compound	Area	RT
1	Ethanol	2052	1.040
2	n-Propanol	2476	1.705

Tot



Ethanol 0.189 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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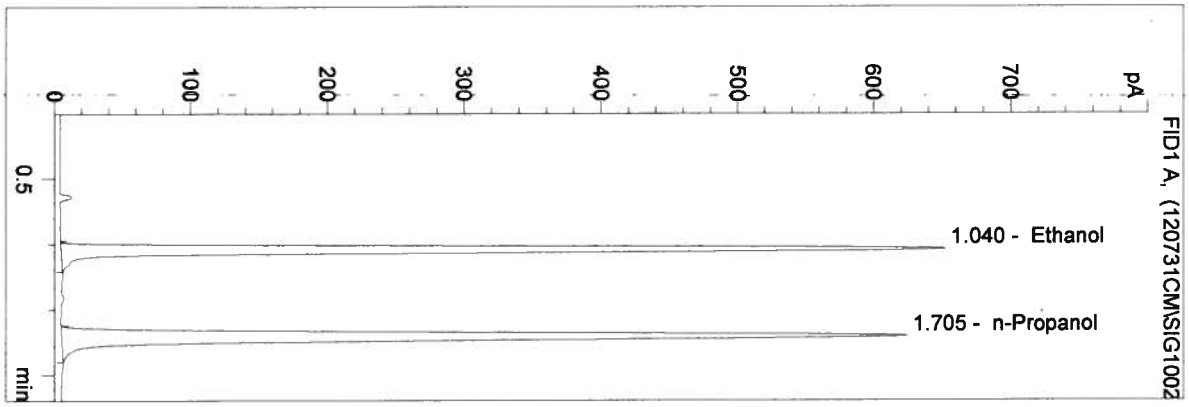
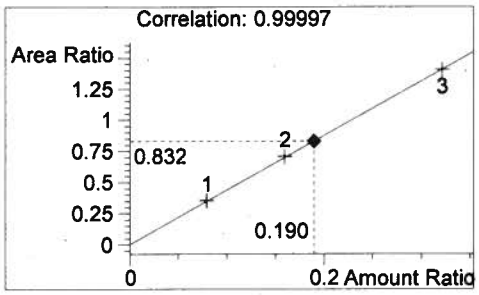
Instrument 1
DB-ALC1

12034 #5
Christie Mitchell-Mata

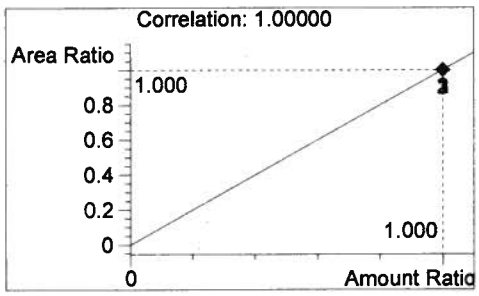
vial # 28



#	Compound	Area	RT
1	Ethanol	2055	1.040
2	n-Propanol	2472	1.705
Tot			



Ethanol 0.190 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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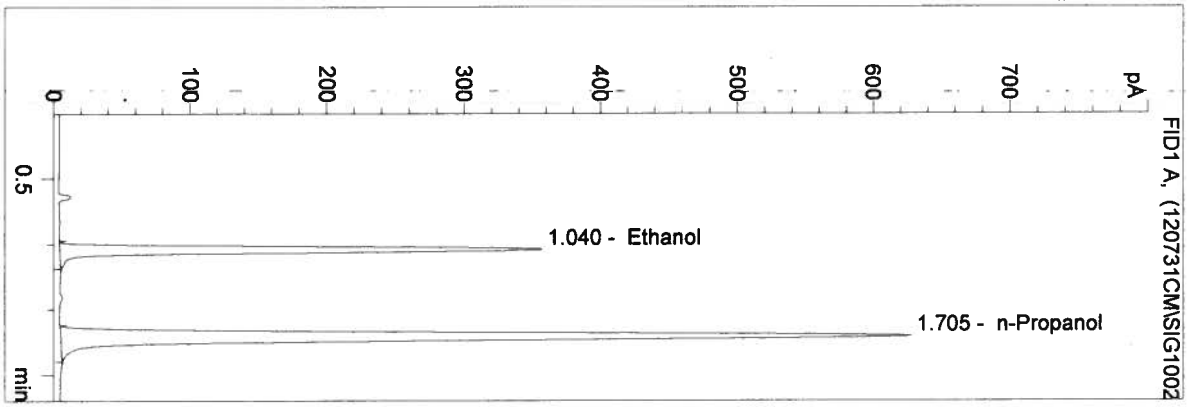
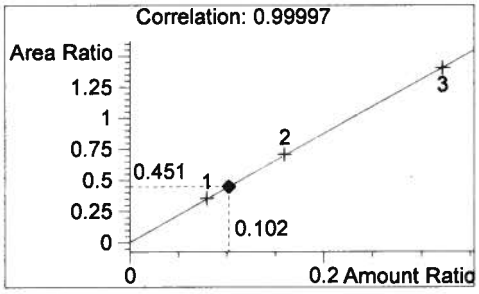
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell-Mata

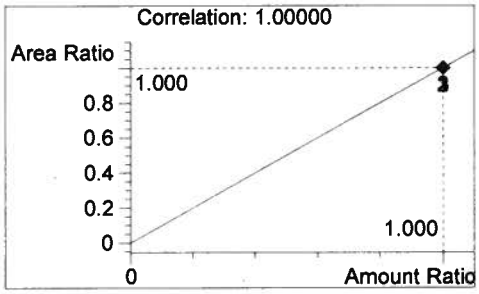
vial # 29



#	Compound	Area	RT
1	Ethanol	1116	1.040
2	n-Propanol	2477	1.705
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

12034

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WASHINGTON STATE TOXICOLOGY LABORATORY

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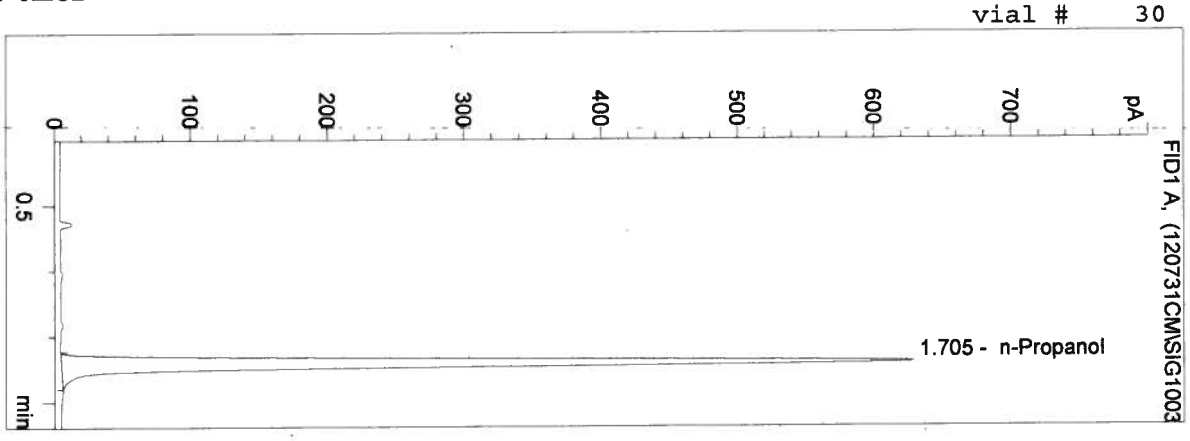
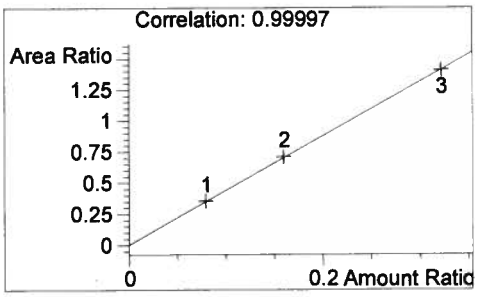
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell-Mata

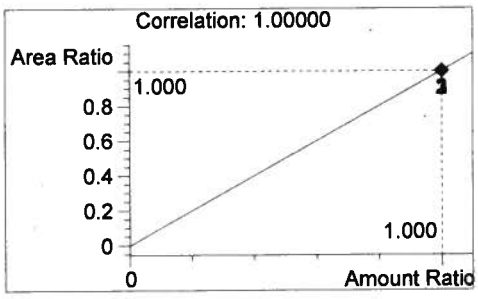
vial # 30



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2496	1.705
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

12034

CM