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

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 13003

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: 0.10 g/210L
DATE PREPARED: 01/04/2013
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Asa J. Louis

	AJL	CM	JLK
1	0.126	0.127	0.127
2	0.126	0.127	0.127
3	0.126	0.127	0.127
4	0.128	0.127	0.127
5	0.127	0.127	0.127
C	0.102	0.102	0.102

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1269 g/100mL
STANDARD DEVIATION: 0.00052
PRECISION CV (%): 0.41
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1031 g/210L**
COMBINED STANDARD UNCERTAINTY: ± 0.0011 (k=1, 68% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 1.29.2013
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AJL	Asa J. Louis		01/04/2013
CM	Christie Mitchell-Mata		01/10/2013
JLK	Justin L. Knoy		01/16/2013

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 #: 13003 **Date Prepared:** 1/4/2013

Analyst:	AJL	CM	JLK
Date Tested:	1/4/2013	1/10/2013	1/16/2013
Instrument:	HS#1	HS#1	HS#1
1	0.126	0.127	0.127
2	0.126	0.127	0.127
3	0.126	0.127	0.127
4	0.128	0.127	0.127
5	0.127	0.127	0.127
C	0.102	0.102	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000011045	0.0000000000	0.0001016326

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

Average Solution Concentration: 0.1269 g/100mL
Standard Deviation: 0.00052 g/100mL
Precision CV (%): 0.41
Equivalent Vapor Concentration: 0.1031 g/210L
Combined Standard Uncertainty (±): 0.0011 g/210L

Calculations performed by: Melissa L. Pemberton (Name) Melissa L. Pemberton (Signature) 1.18.13 (Date)

Calculations verified by: Amanda M. Black (Name) (Signature) 1-24-2013 (Date) Method: Hand calculation

Tech. review performed by: Melissa L. Pemberton (Name) Melissa L. Pemberton (Signature) 1.22.13 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 1-24-2013

Location: WSP-FLSB Seattle, WA Solution Batch Number: 13003

	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: 1-24-2013

Reviewer Signature: N/A AB 1-24-13 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
Asa Louis	AL	2013 JAN 18
Brianna Peterson		
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell-Mata	CM	1/18/2013
Christopher Johnston		
Justin Knoy	JK	1-18-13
Lisa Noble		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 13003

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 0.10 QAP SOLUTION CERTIFICATION FOR LOT 13003

I, Asa J. Louis, 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: B.S. degree in Biochemistry and over ten years of toxicology experience.

The qap solution, Lot Number 13003, was prepared in the Washington State Toxicology Laboratory on 1/4/2013. 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 1/4/2014.

Seattle, WA

2013 JAN 18

Asa J. Louis — 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 0.10 QAP SOLUTION CERTIFICATION FOR LOT 13003

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 13003, was prepared in the Washington State Toxicology Laboratory on 1/4/2013. 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 1/4/2014.

Seattle, WA

Christie Mitchell-Mata 1/18/2013

Christie Mitchell-Mata 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 0.10 QAP SOLUTION CERTIFICATION FOR LOT 13003

I, Justin L. Knoy, 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 Forensic Science.

The qap solution, Lot Number 13003, was prepared in the Washington State Toxicology Laboratory on 1/4/2013. 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 1/4/2014.

Seattle, WA

1-18-13

Justin L. Knoy — 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: 2013 JAN 04 Initials of Preparer: dl

Expiration Date: 2014 JAN 04

Lot # of 200-proof Ethanol used in preparation: 24J 0691

Date the 200-proof Ethanol bottle was opened: 2012 NOV 26

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	X	13001
QAP 0.08	22.4	18	X	13002
QAP 0.10	28.1	18	X	13003
QAP 0.15	42.0	18	X	13004
ESS	66.5	52		n/a

Stir bar is rotating	X
Stirred for minimum 30 minutes; 2 hours for ESS	X
Spigot purged	X
Aliquot taken	X
Batch labeled, packaged and sealed	X

2013 JAN 04
Date

2013 MAR 01 fc

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:

Analyst Signature

2013 JAN 04
Date

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 2013 JAN 04 Initials of Preparer: dl

Expiration Date: 2014 JAN 04

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Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	X	13001
QAP 0.08	22.4	18	X	13002
QAP 0.10	28.1	18	X	13003
QAP 0.15	42.0	18	X	13004
ESS	565	52		n/a

Corrected 03/11/2013

Stir bar is rotating	X
Stirred for minimum 30 minutes; 2 hours for ESS	X
Spigot purged	X
Aliquot taken	X
Batch labeled, packaged and sealed	☐

2013 JAN 04
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:

Analyst Signature

2013 JAN 04
Date

Sequence: C:\HPCHEM\1\SEQUENCE\AL-QAP1.S

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130104A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0912-01 exp 03/06/2013
cal 2 e0912-02 exp 03/06/2013
cal 3 e0912-03 exp 03/06/2013
0.04 control - lot a088613 exp 09/2016
0.10 control - lot a083355 exp 12/2015
0.20 control - lot a084657 exp 02/2016
istd p1212

Sequence Table (Front Injector):

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 - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg ctrl - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	qap 13001 #1	SIMALC1	1	Sample		
11	Vial 11	qap 13001 #2	SIMALC1	1	Sample		
12	Vial 12	qap 13001 #3	SIMALC1	1	Sample		
13	Vial 13	qap 13001 #4	SIMALC1	1	Sample		
14	Vial 14	qap 13001 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg ctrl - al	SIMALC1	1	Ctrl Samp		
17	Vial 17	qap 13002 #1	SIMALC1	1	Sample		
18	Vial 18	qap 13002 #2	SIMALC1	1	Sample		
19	Vial 19	qap 13002 #3	SIMALC1	1	Sample		
20	Vial 20	qap 13002 #4	SIMALC1	1	Sample		
21	Vial 21	qap 13002 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
23	Vial 23	neg ctrl - al	SIMALC1	1	Ctrl Samp		
24	Vial 24	qap 13003 #1	SIMALC1	1	Sample		
25	Vial 25	qap 13003 #2	SIMALC1	1	Sample		
26	Vial 26	qap 13003 #3	SIMALC1	1	Sample		
27	Vial 27	qap 13003 #4	SIMALC1	1	Sample		
28	Vial 28	qap 13003 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
30	Vial 30	neg ctrl - al	SIMALC1	1	Ctrl Samp		
31	Vial 31	qap 13004 #1	SIMALC1	1	Sample		
32	Vial 32	qap 13004 #2	SIMALC1	1	Sample		

13001
13002
13003
13004

Calibration data in 13001 file.

AL
2013 JAN 07

Sequence: C:\HPCHEM\1\SEQUENCE\AL-QAP1.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
33	Vial 33	qap 13004 #3	SIMALC1	1	Sample		
34	Vial 34	qap 13004 #4	SIMALC1	1	Sample		
35	Vial 35	qap 13004 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
37	Vial 37	neg ctrl - al	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!

13001
13002
13003
13004

DATA 130104A1

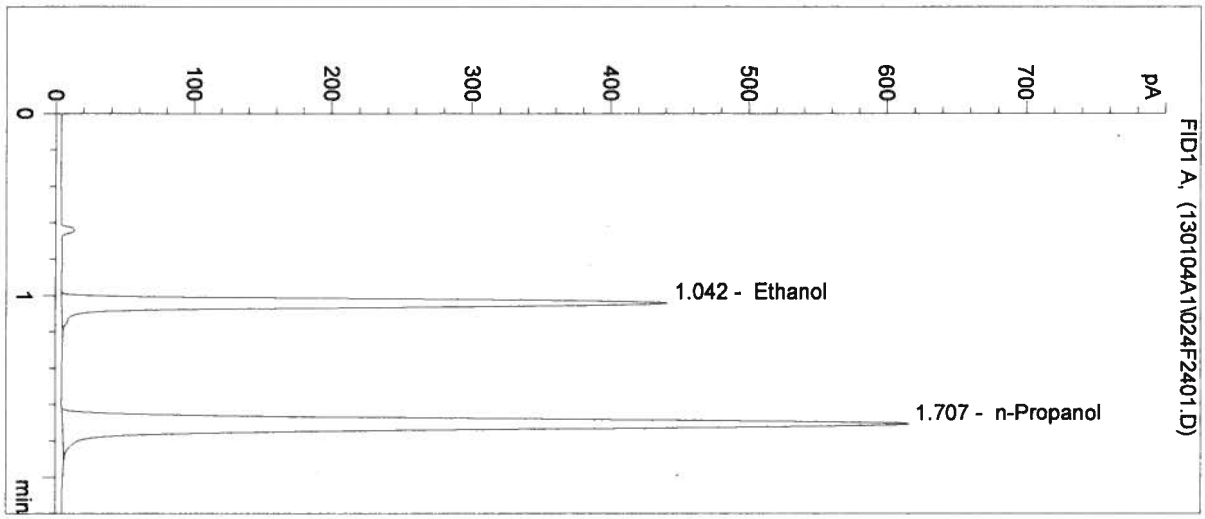
QAP 13001
13002
13003
13004

AL
2013JAN07

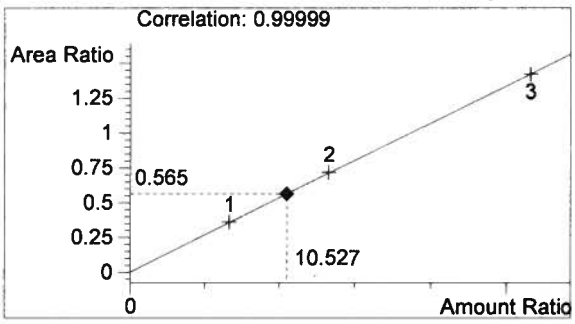
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/4/2013 2:21:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

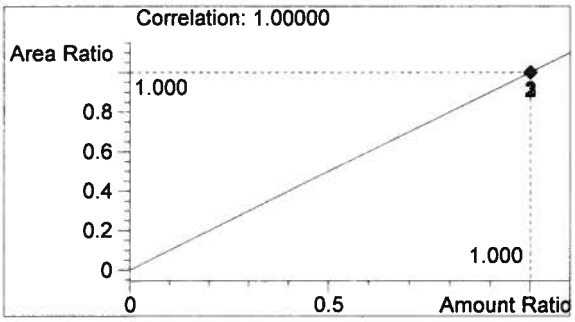
Sample Name: qap 13003 #1
Operator: asa louis
Location: Vial 24



#	Compound	Peak Area	RT (min)
1	Ethanol	1362	1.042
2	n-Propanol	2412	1.707



Ethanol 0.126 g/100mL



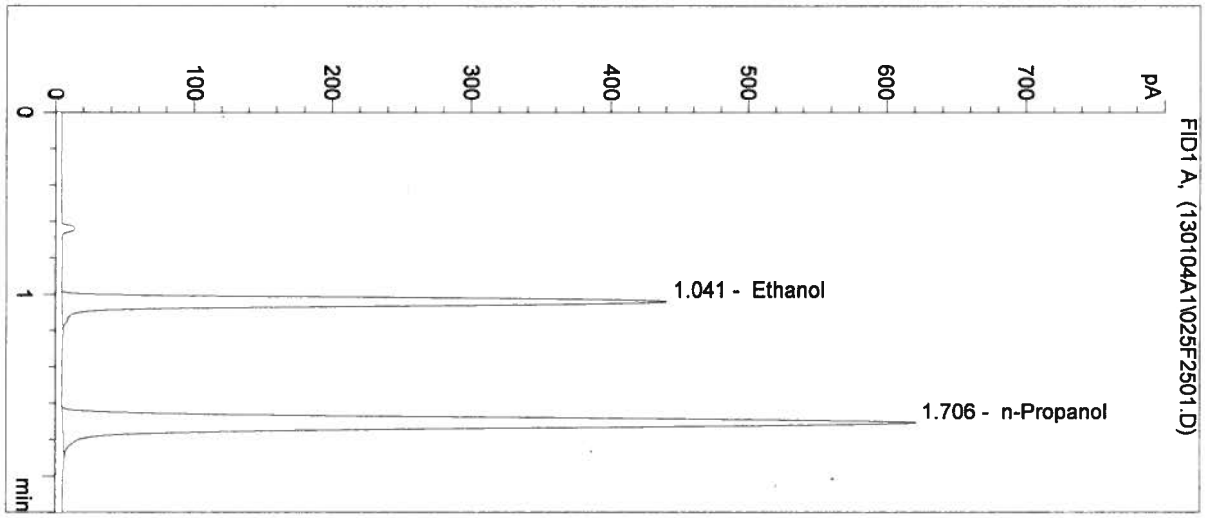
n-Propanol 0.012 g/100mL

AL 2013 JAN 07

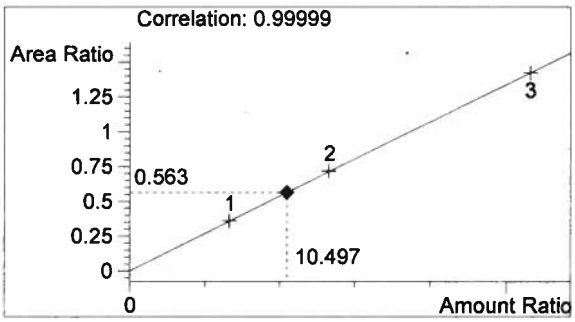
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/4/2013 2:24:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

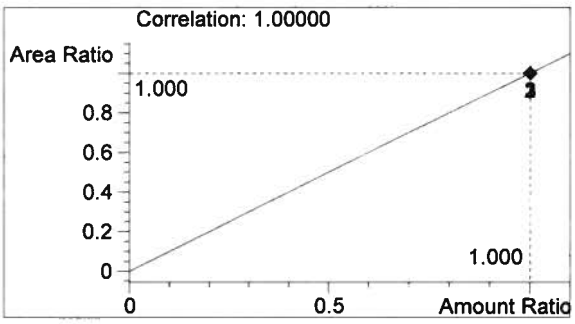
Sample Name: qap 13003 #2
Operator: asa louis
Location: Vial 25



#	Compound	Peak Area	RT (min)
1	Ethanol	1372	1.041
2	n-Propanol	2437	1.706



Ethanol 0.126 g/100mL



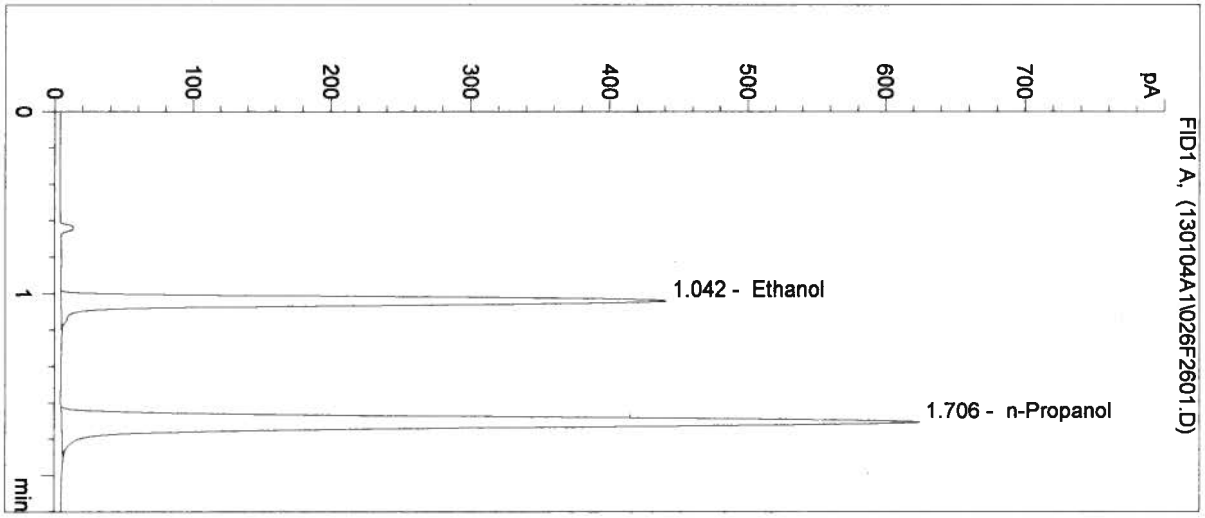
n-Propanol 0.012 g/100mL

AL 2013 JAN 07

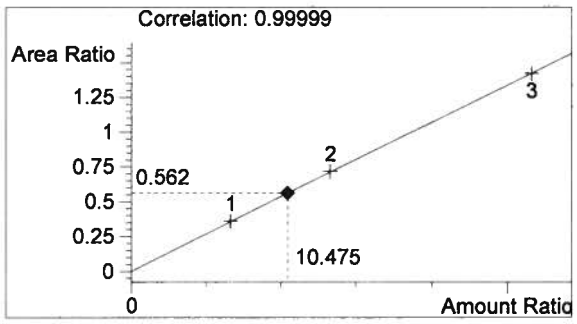
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/4/2013 2:27:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

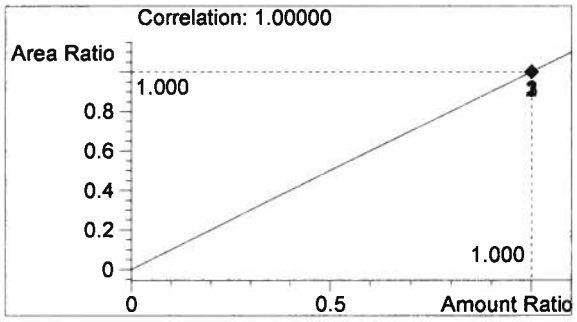
Sample Name: qap 13003 #3
Operator: asa louis
Location: Vial 26



#	Compound	Peak Area	RT (min)
1	Ethanol	1386	1.042
2	n-Propanol	2467	1.706



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

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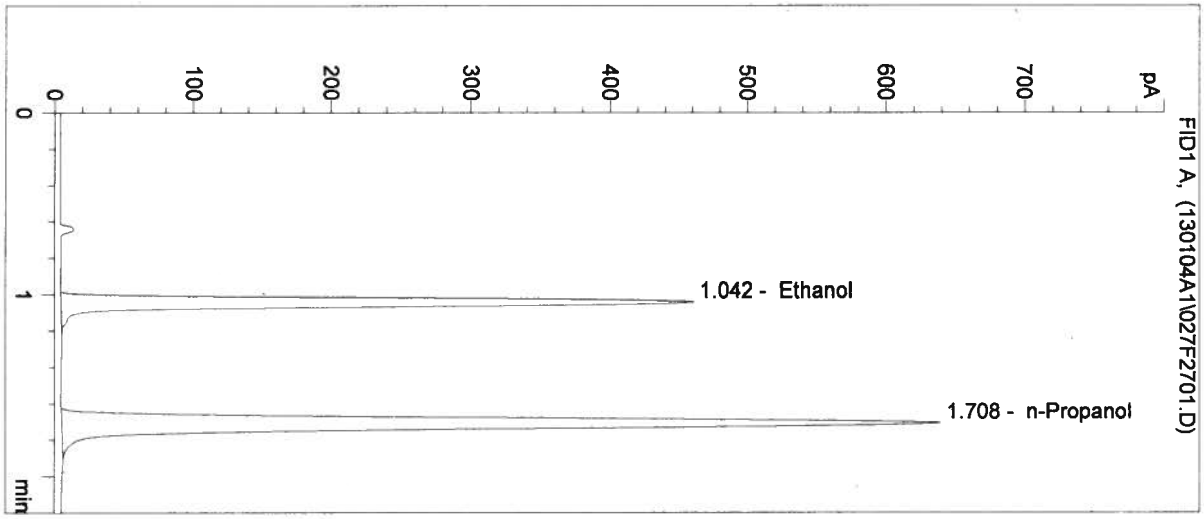
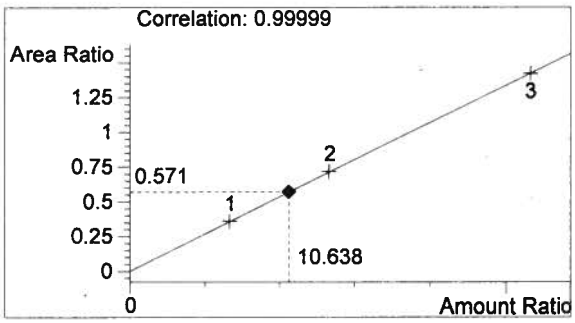
Inj. Date: 1/4/2013 2:31:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

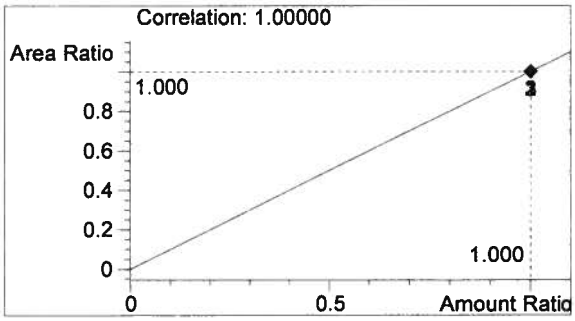
Sample Name: qap 13003 #4
Operator: asa louis
Location: Vial 27



#	Compound	Peak Area	RT (min)
1	Ethanol	1432	1.042
2	n-Propanol	2510	1.708



Ethanol 0.128 g/100mL



n-Propanol 0.012 g/100mL

AL 2013 JAN07

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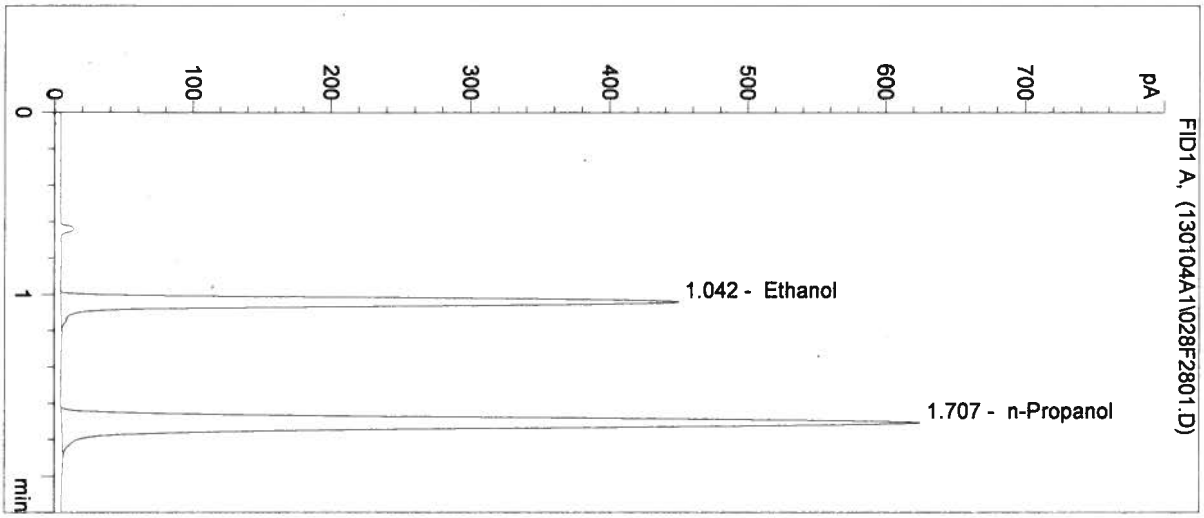
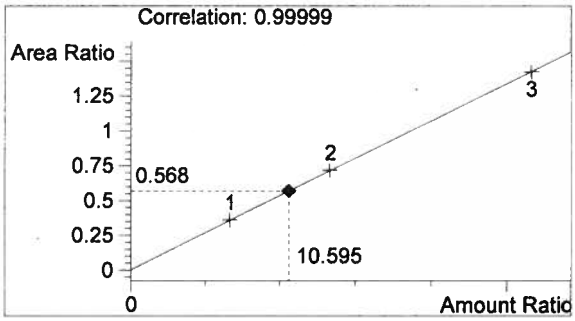
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/4/2013 2:34:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

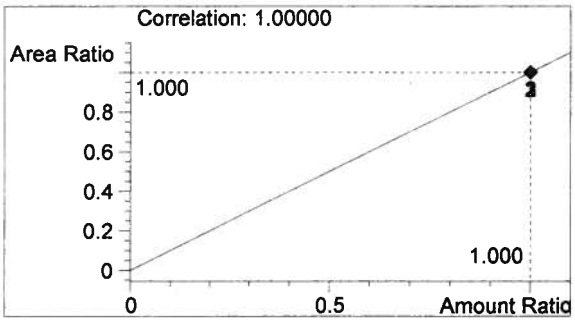
Sample Name: qap 13003 #5
Operator: asa louis
Location: Vial 28



#	Compound	Peak Area	RT (min)
1	Ethanol	1391	1.042
2	n-Propanol	2447	1.707



Ethanol 0.127 g/100mL



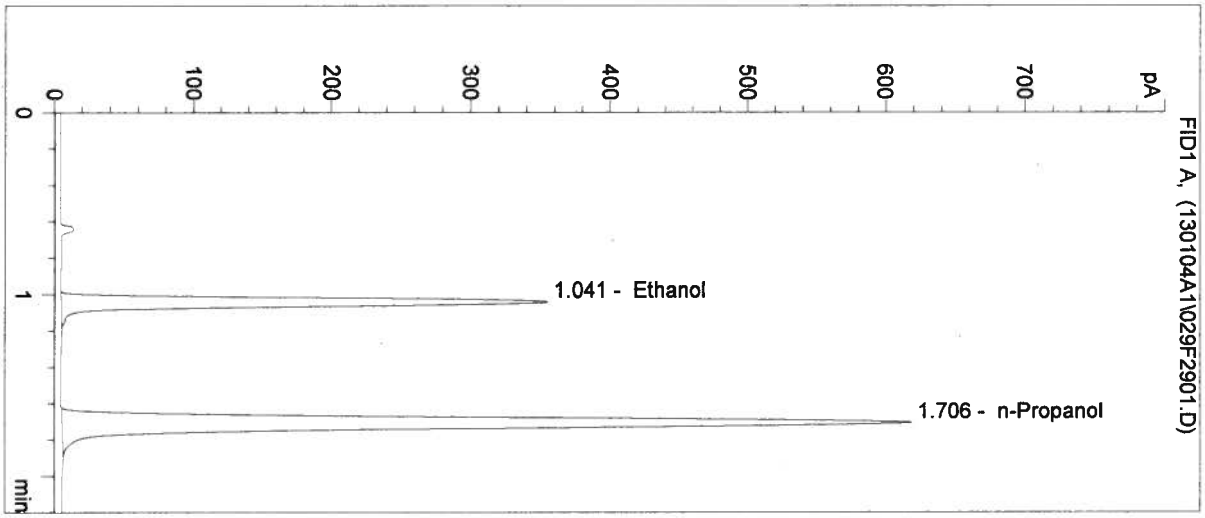
n-Propanol 0.012 g/100mL

a 2013 TAN 07

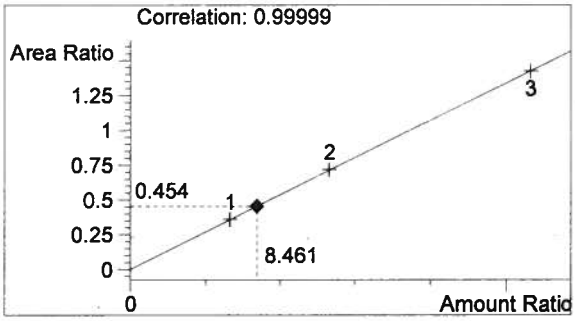
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/4/2013 2:37:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

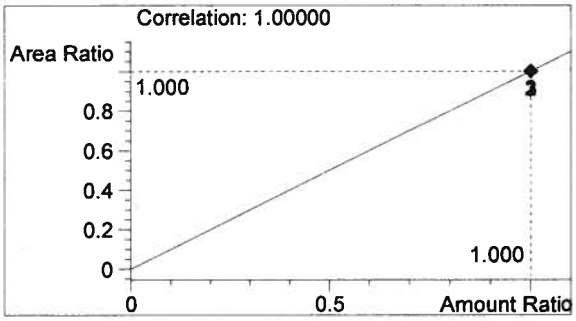
Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 29



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.041
2	n-Propanol	2433	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

13003

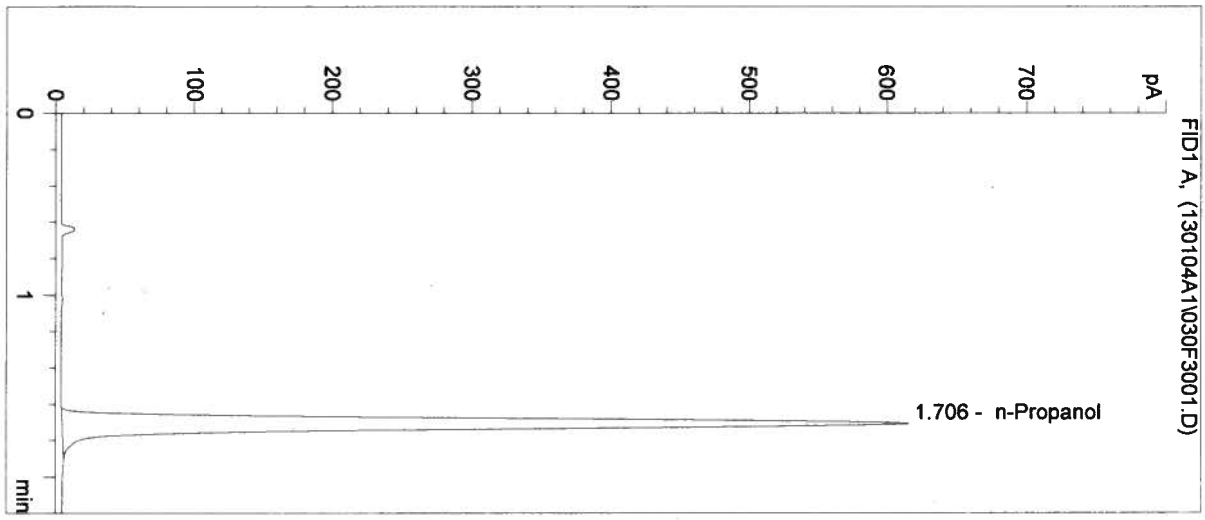
QAP 13003

AL 2013 JAN 07

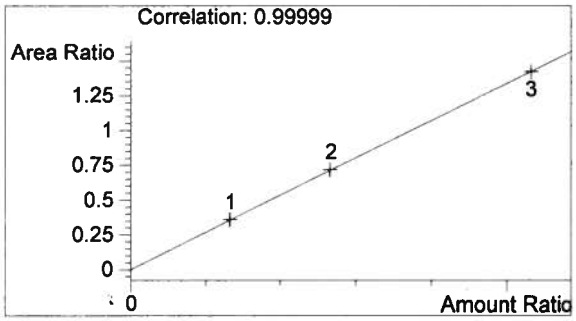
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/4/2013 2:40:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

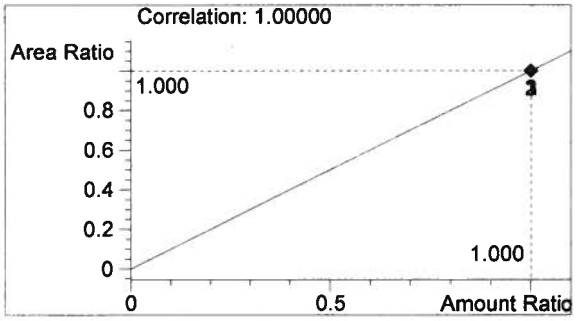
Sample Name: neg ctrl - al
Operator: asa louis
Location: Vial 30



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2417	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13003

QAP 13003

AL 2013 JAN 07

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:	130110CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1 - Lot#E0912-01 Exp 3/6/13
Ethanol Calibrator 2 - Lot#E0912-02 Exp 3/6/13
Ethanol Calibrator 3 - Lot#E0912-03 Exp 3/6/13
0.04 Control - Lot # A088613 - exp 09/2016
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A084657 - exp 02/2016
n-propanol ISTD Lot#P1212

Sequence Table (Front Injector):

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	13001 #1	SIMALC1	1	Sample		
11	Vial 11	13001 #2	SIMALC1	1	Sample		
12	Vial 12	13001 #3	SIMALC1	1	Sample		
13	Vial 13	13001 #4	SIMALC1	1	Sample		
14	Vial 14	13001 #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	13002 #1	SIMALC1	1	Sample		
18	Vial 18	13002 #2	SIMALC1	1	Sample		
19	Vial 19	13002 #3	SIMALC1	1	Sample		
20	Vial 20	13002 #4	SIMALC1	1	Sample		
21	Vial 21	13002 #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	13003 #1	SIMALC1	1	Sample		
25	Vial 25	13003 #2	SIMALC1	1	Sample		
26	Vial 26	13003 #3	SIMALC1	1	Sample		
27	Vial 27	13003 #4	SIMALC1	1	Sample		
28	Vial 28	13003 #5	SIMALC1	1	Sample		

13003

Calibrators filed w/13001 on 1/11/13

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
29	Vial 29	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
31	Vial 31	13004 #1	SIMALC1	1	Sample		
32	Vial 32	13004 #2	SIMALC1	1	Sample		
33	Vial 33	13004 #3	SIMALC1	1	Sample		
34	Vial 34	13004 #4	SIMALC1	1	Sample		
35	Vial 35	13004 #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):

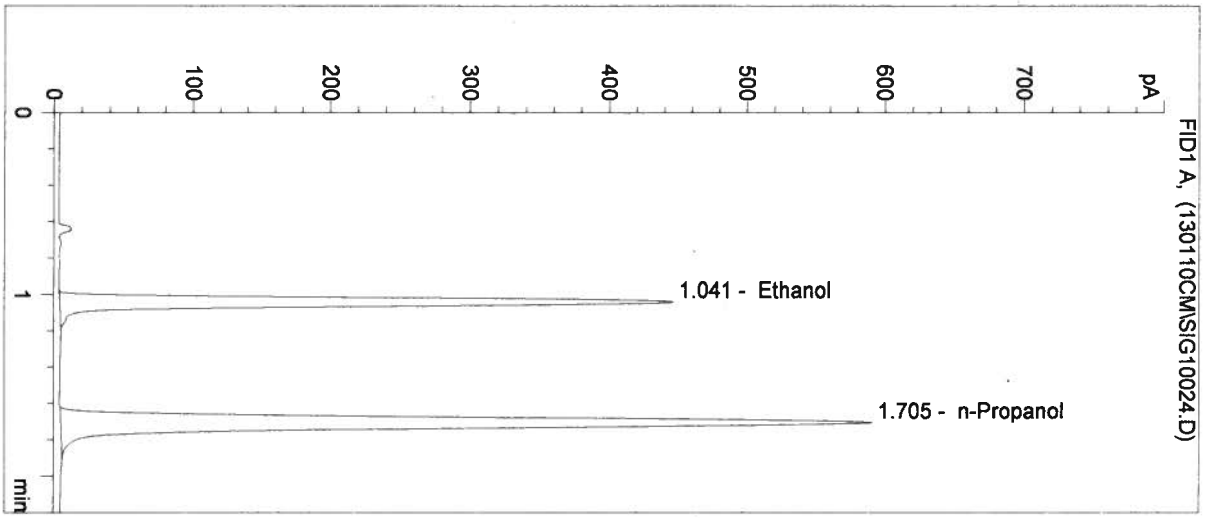
No entries - empty table!

13003

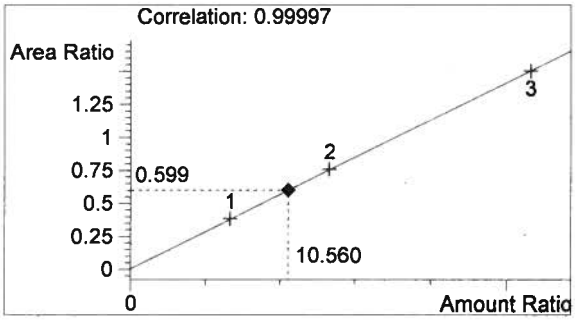
CM

Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

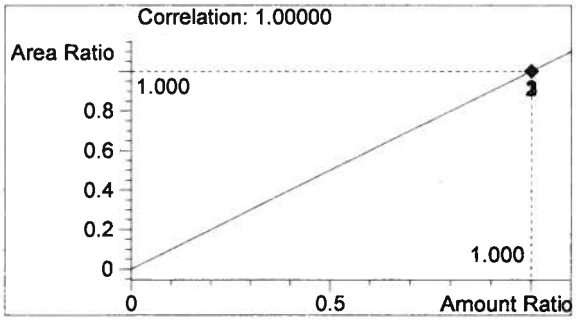
Inj. Date: 1/10/2013 4:32:51 PM
Sample Name: 13003 #1
Instrument: HSGC#1
Operator: Christie Mitchell-Mata
Column: DB-ALC1
Location: Vial 24
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1395	1.041
2	n-Propanol	2327	1.705



Ethanol 0.127 g/100mL

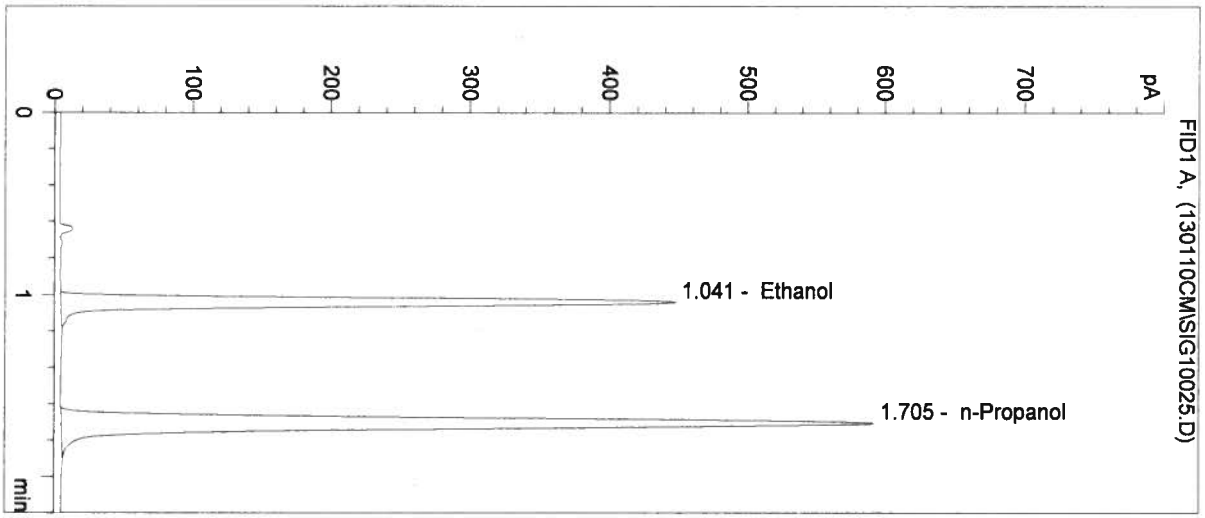


n-Propanol 0.012 g/100mL

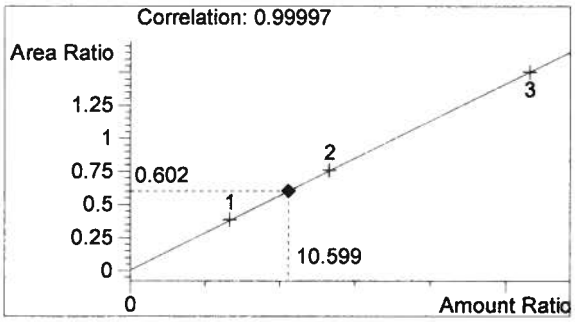
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2013 4:35:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

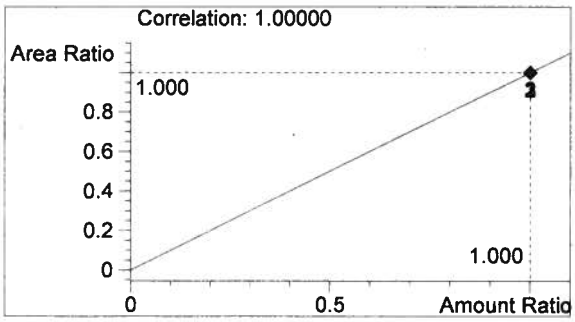
Sample Name: 13003 #2
Operator: Christie Mitchell-Mata
Location: Vial 25



#	Compound	Peak Area	RT (min)
1	Ethanol	1402	1.041
2	n-Propanol	2330	1.705



Ethanol 0.127 g/100mL

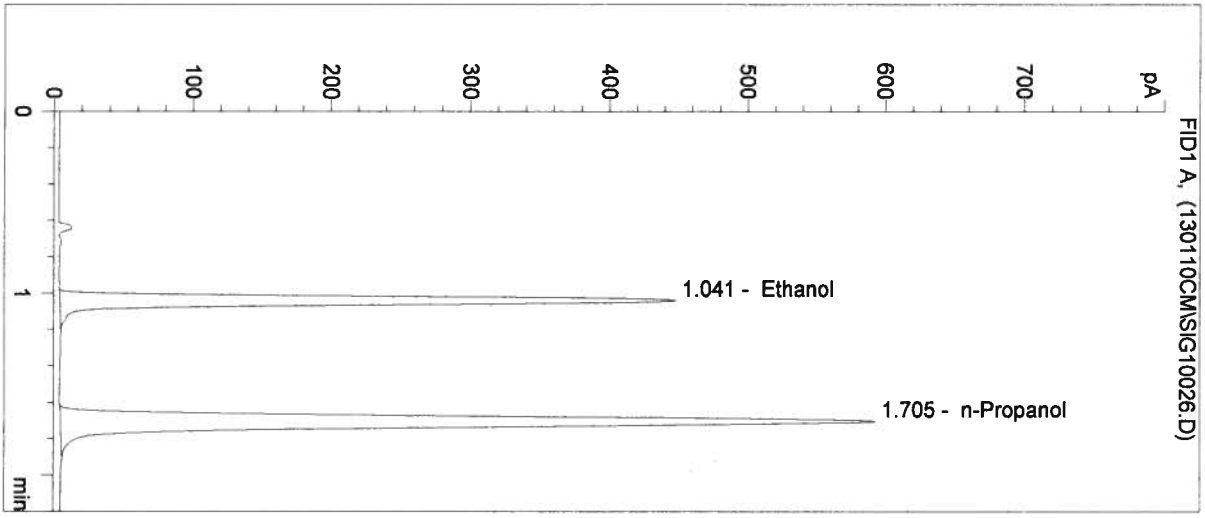


n-Propanol 0.012 g/100mL

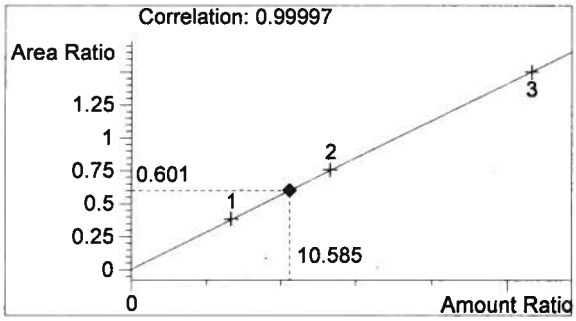
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2013 4:39:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

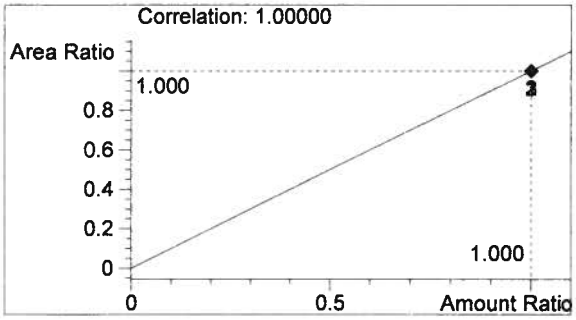
Sample Name: 13003 #3
Operator: Christie Mitchell-Mata
Location: Vial 26



#	Compound	Peak Area	RT (min)
1	Ethanol	1405	1.041
2	n-Propanol	2339	1.705



Ethanol 0.127 g/100mL



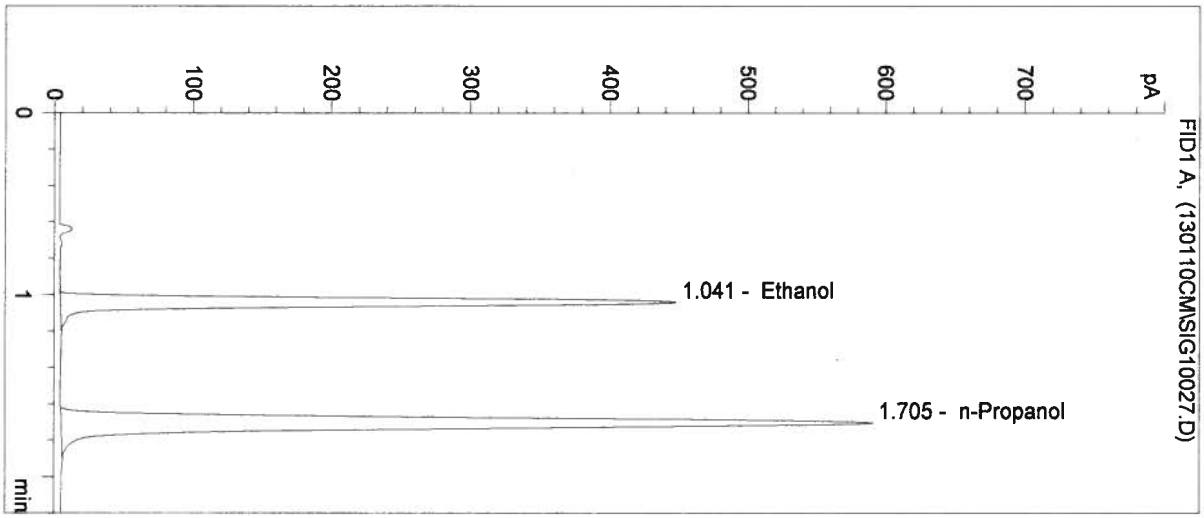
n-Propanol 0.012 g/100mL

CM

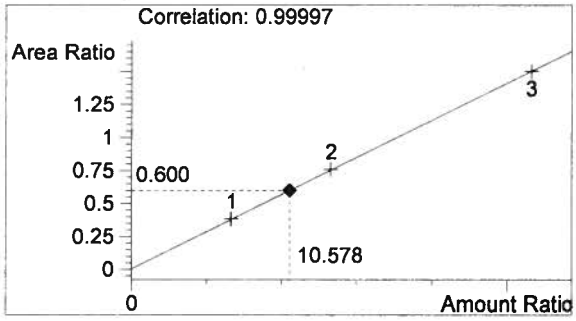
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2013 4:42:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

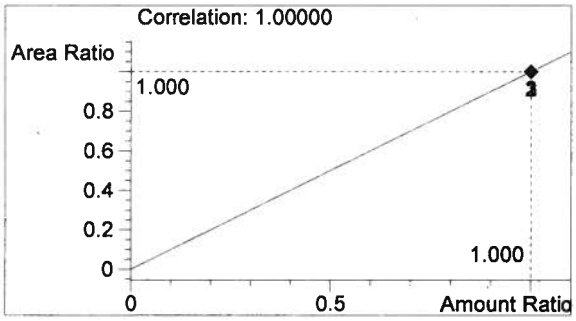
Sample Name: 13003 #4
Operator: Christie Mitchell-Mata
Location: Vial 27



#	Compound	Peak Area	RT (min)
1	Ethanol	1396	1.041
2	n-Propanol	2325	1.705



Ethanol 0.127 g/100mL



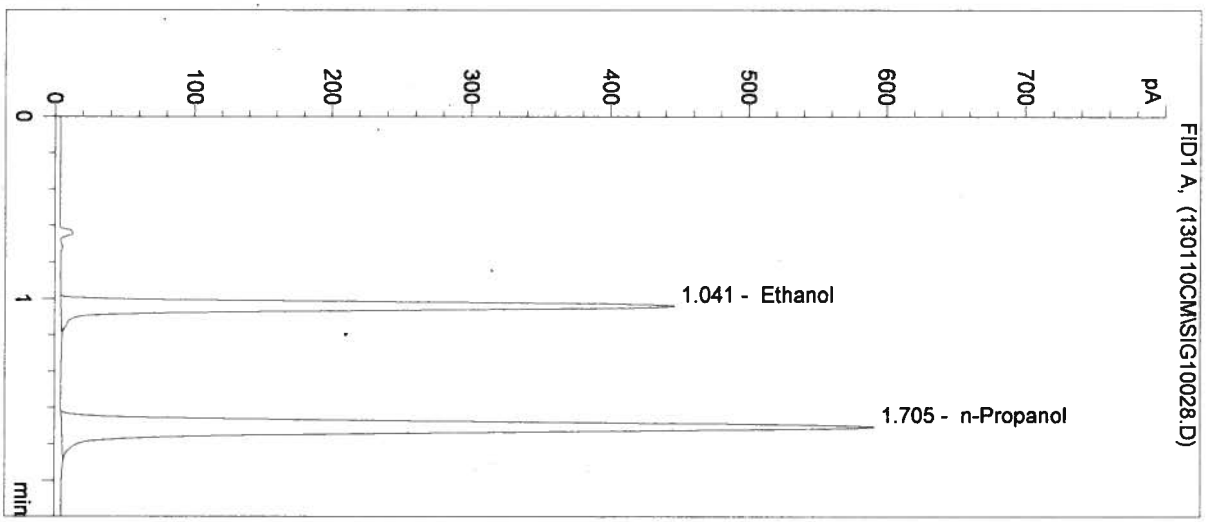
n-Propanol 0.012 g/100mL

CM

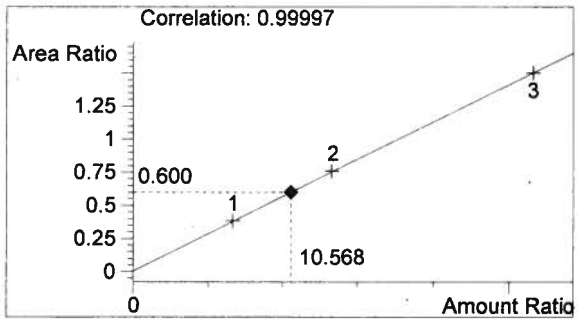
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2013 4:45:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

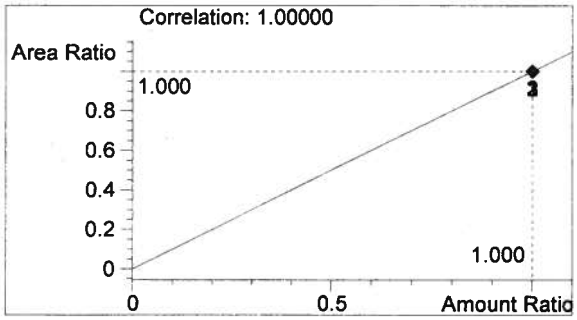
Sample Name: 13003 #5
Operator: Christie Mitchell-Mata
Location: Vial 28



#	Compound	Peak Area	RT (min)
1	Ethanol	1398	1.041
2	n-Propanol	2331	1.705



Ethanol 0.127 g/100mL

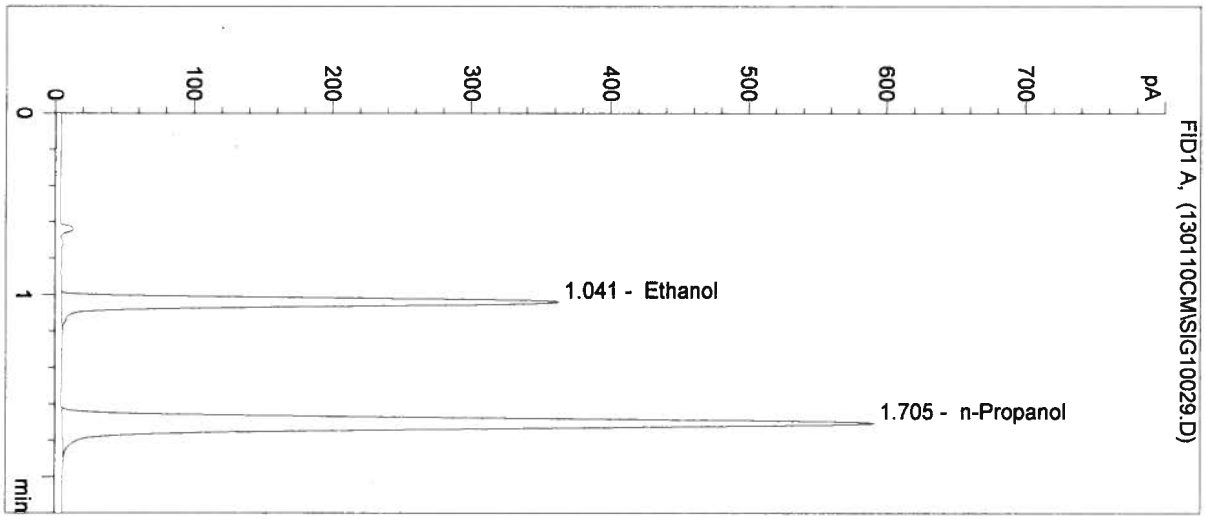


n-Propanol 0.012 g/100mL

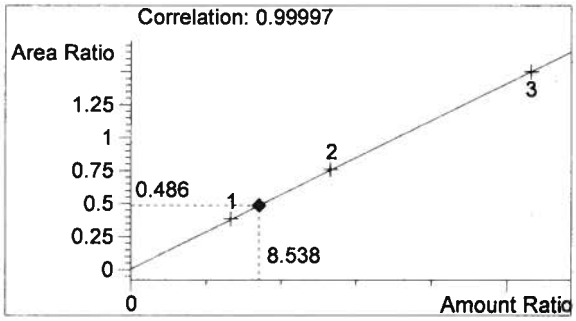
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2013 4:48:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

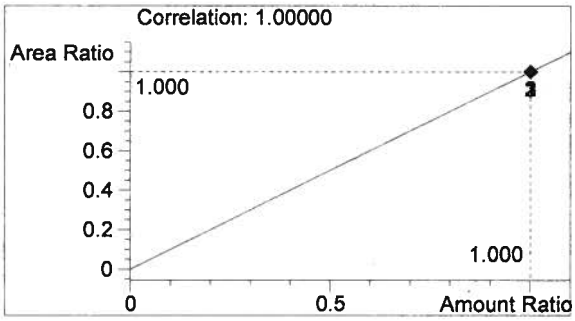
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 29



#	Compound	Peak Area	RT (min)
1	Ethanol	1133	1.041
2	n-Propanol	2333	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

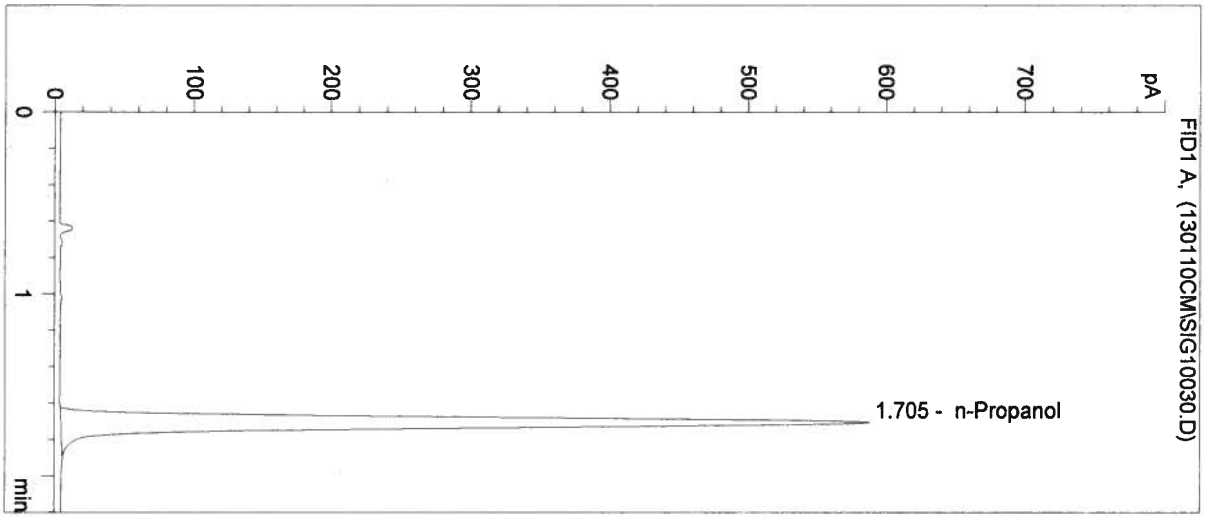
13003

Data File: C:\HPCHEM\1\DATA\130110CM\SIG10029.D

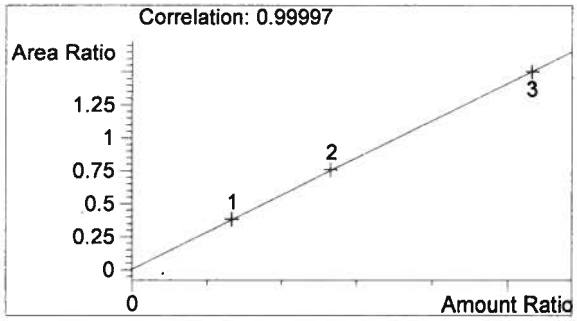
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2013 4:51:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

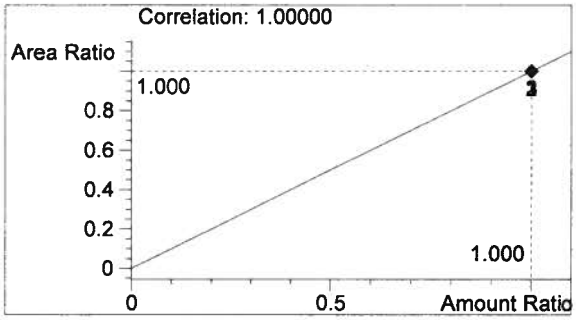
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 30



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2317	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13003

CM

Sequence: C:\HPCHEM\1\SEQUENCE\JKQARUN1.S

Calibration w/ 13001
JK 1-16-13

Sequence Parameters:

Operator:	Justin Knoy
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:	130116JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0912-01 - Exp. 03/06/2013
Ethanol Calibrator 2, E0912-02 - Exp. 03/06/2013
Ethanol Calibrator 3, E0912-03 - Exp. 03/06/2013

0.04 Control - Lot #A088613 - Exp. 09/2016
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A084657 - Exp. 02/2016

Internal standard: n-propanol Lot#P1212 - Exp. 03/31/2013

Sequence Table (Front Injector):

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 JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	13001-1	SIMALC1	1	Sample		
11	Vial 11	13001-2	SIMALC1	1	Sample		
12	Vial 12	13001-3	SIMALC1	1	Sample		
13	Vial 13	13001-4	SIMALC1	1	Sample		
14	Vial 14	13001-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
17	Vial 17	13002-1	SIMALC1	1	Sample		
18	Vial 18	13002-2	SIMALC1	1	Sample		
19	Vial 19	13002-3	SIMALC1	1	Sample		
20	Vial 20	13002-4	SIMALC1	1	Sample		
21	Vial 21	13002-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
24	Vial 24	13003-1	SIMALC1	1	Sample		
25	Vial 25	13003-2	SIMALC1	1	Sample		
26	Vial 26	13003-3	SIMALC1	1	Sample		

13003

JK

Sequence: C:\HPCHEM\1\SEQUENCE\JKQARUN1.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	13003-4	SIMALC1	1	Sample		
28	Vial 28	13003-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
31	Vial 31	13004-1	SIMALC1	1	Sample		
32	Vial 32	13004-2	SIMALC1	1	Sample		
33	Vial 33	13004-3	SIMALC1	1	Sample		
34	Vial 34	13004-4	SIMALC1	1	Sample		
35	Vial 35	13004-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL JK	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):

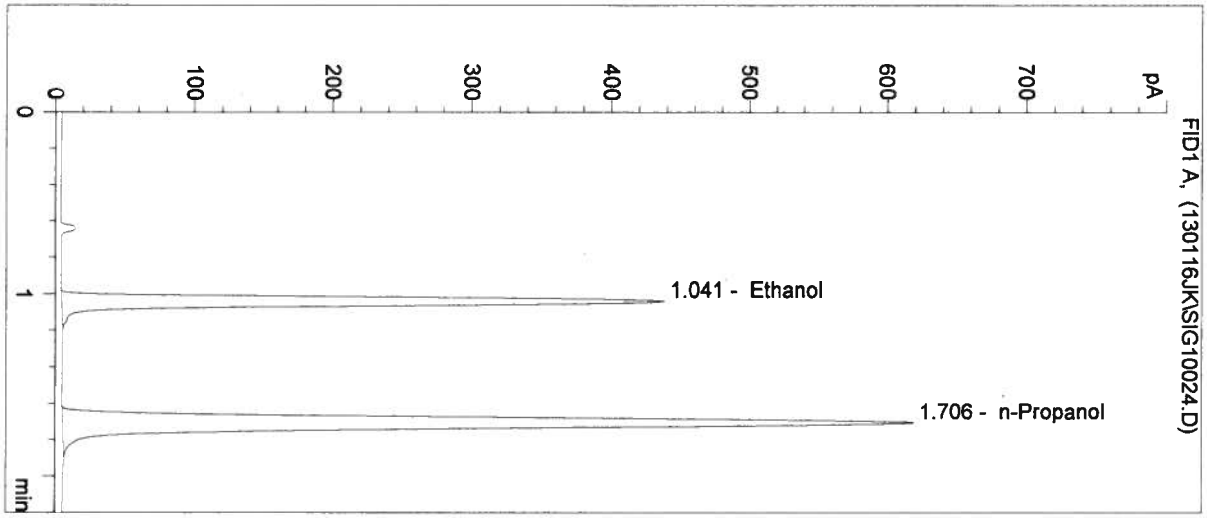
No entries - empty table!

13003

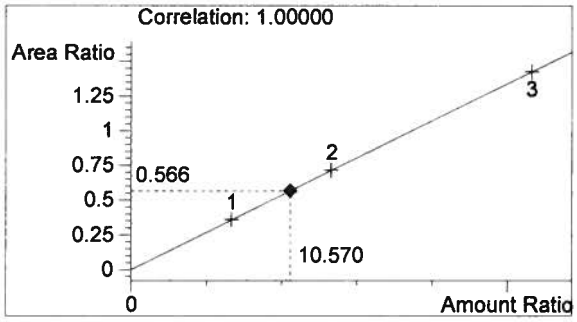
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2013 10:59:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

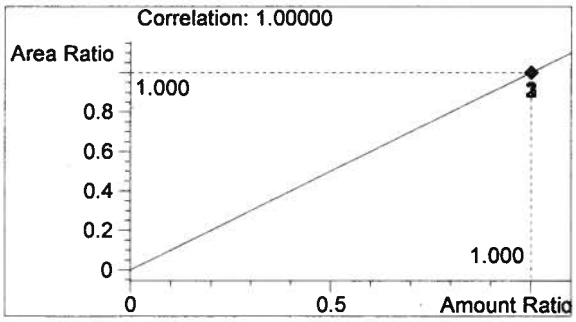
Sample Name: 13003-1
Operator: Justin Knoy
Location: Vial 24



#	Compound	Peak Area	RT (min)
1	Ethanol	1385	1.041
2	n-Propanol	2445	1.706



Ethanol 0.127 g/100mL

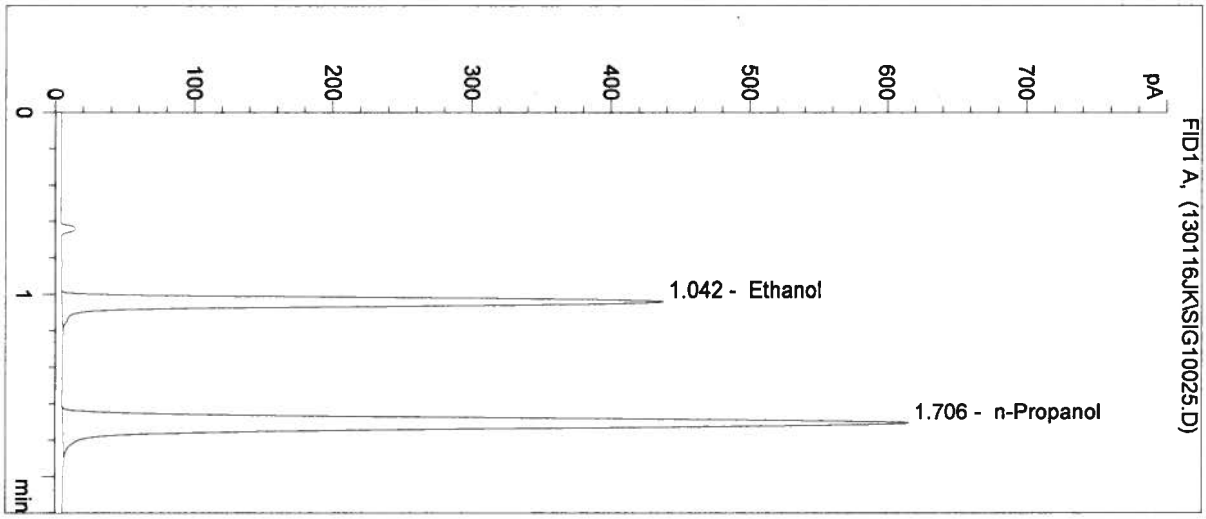


n-Propanol 0.012 g/100mL

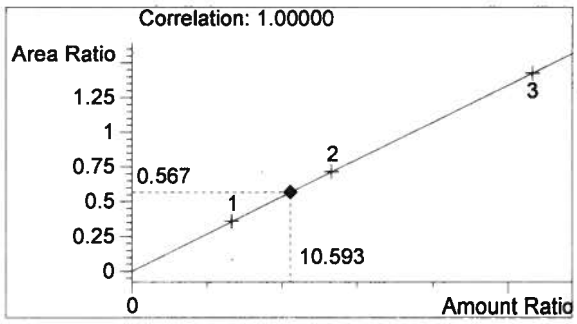
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2013 11:02:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

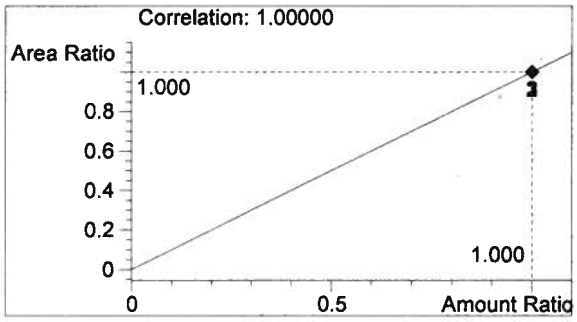
Sample Name: 13003-2
Operator: Justin Knoy
Location: Vial 25



#	Compound	Peak Area	RT (min)
1	Ethanol	1381	1.042
2	n-Propanol	2433	1.706



Ethanol 0.127 g/100mL

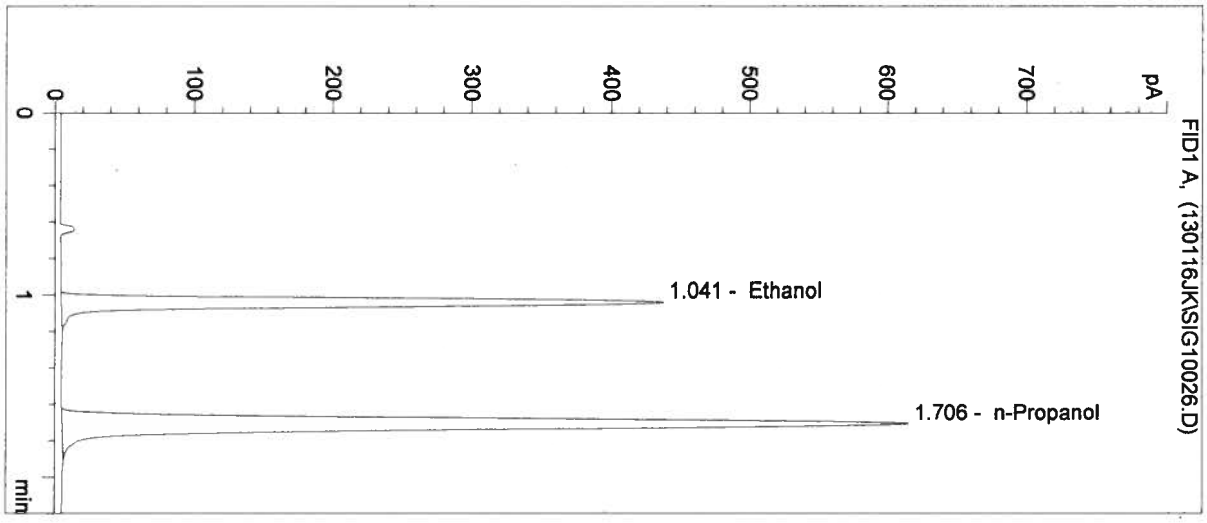


n-Propanol 0.012 g/100mL

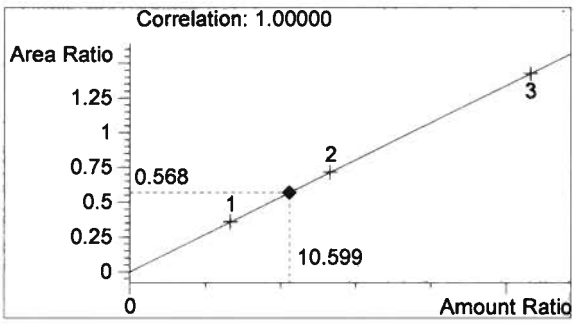
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2013 11:05:40 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

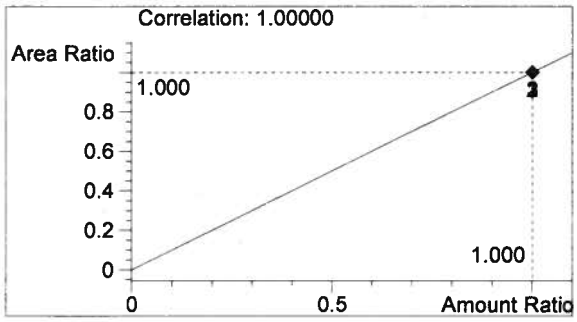
Sample Name: 13003-3
Operator: Justin Knoy
Location: Vial 26



#	Compound	Peak Area	RT (min)
1	Ethanol	1383	1.041
2	n-Propanol	2436	1.706



Ethanol 0.127 g/100mL

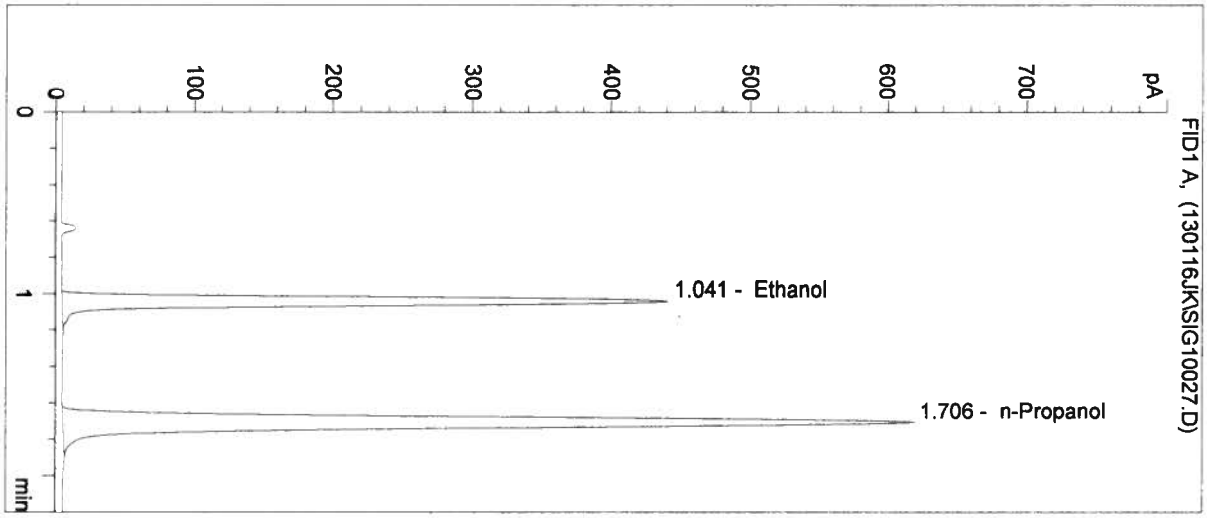


n-Propanol 0.012 g/100mL

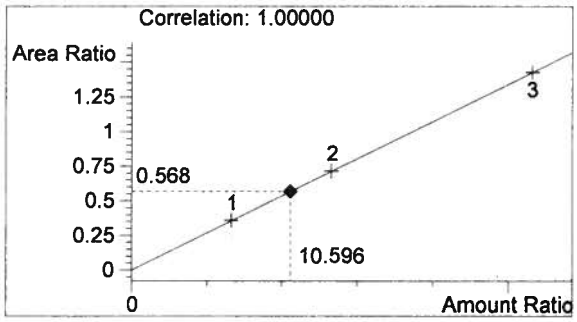
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2013 11:08:44 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

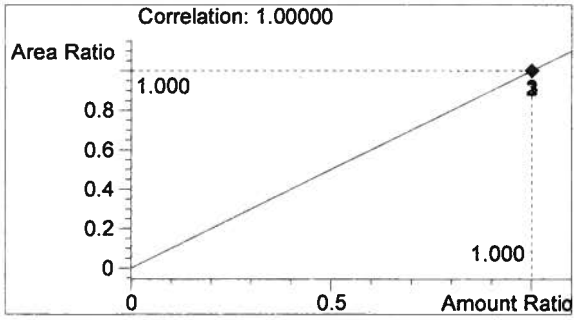
Sample Name: 13003-4
Operator: Justin Knoy
Location: Vial 27



#	Compound	Peak Area	RT (min)
1	Ethanol	1390	1.041
2	n-Propanol	2449	1.706



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

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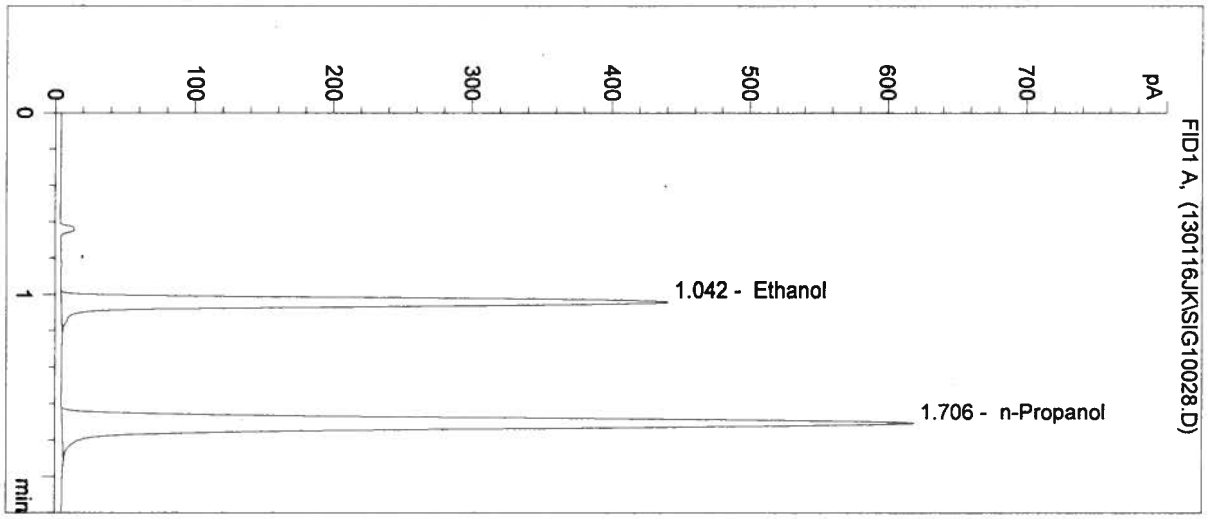
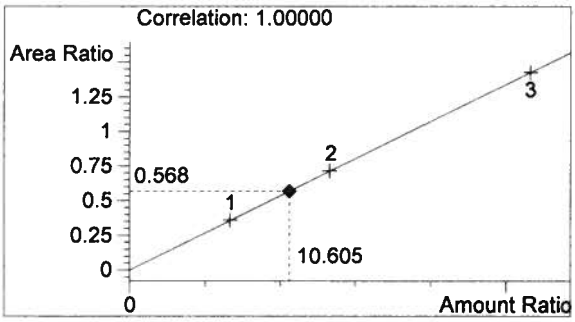
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2013 11:11:49 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

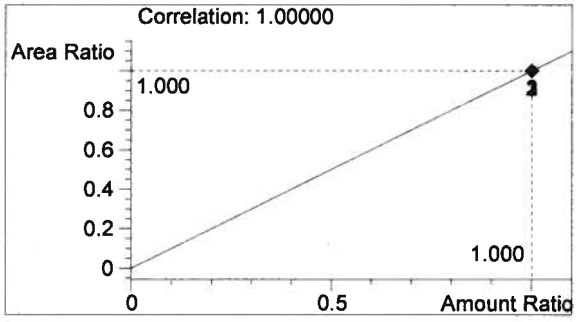
Sample Name: 13003-5
Operator: Justin Knoy
Location: Vial 28



#	Compound	Peak Area	RT (min)
1	Ethanol	1394	1.042
2	n-Propanol	2453	1.706



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

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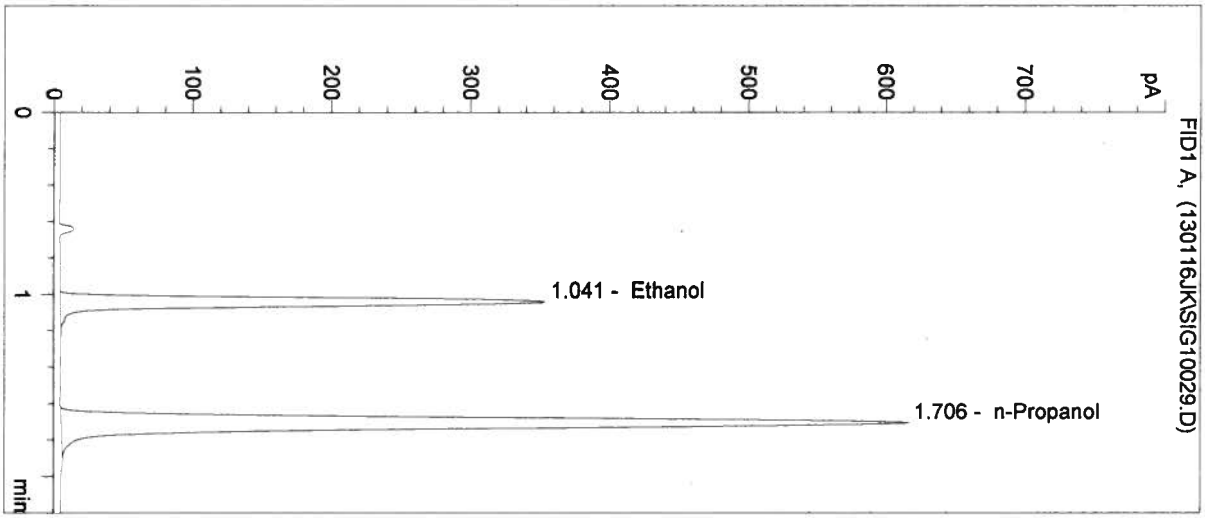
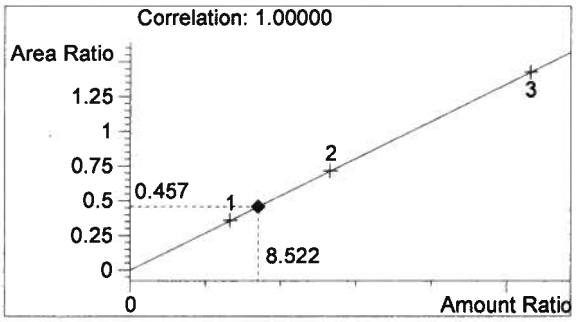
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2013 11:14:54 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

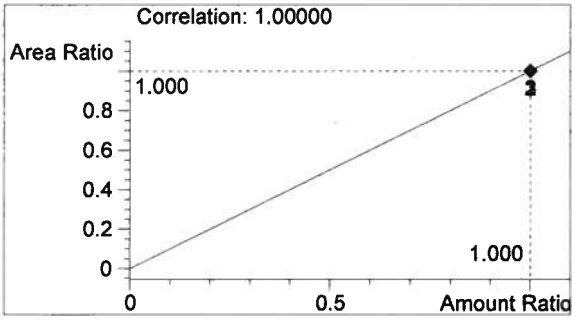
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 29



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.041
2	n-Propanol	2437	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

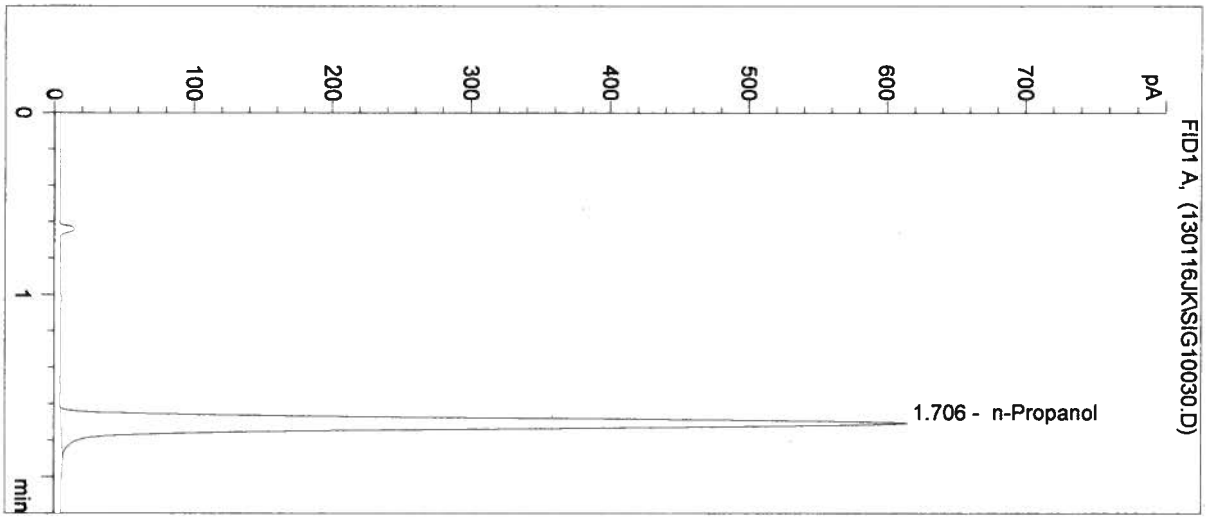
13003

Data File: C:\HPCHEM\1\DATA\130116JK\SIG10029.D

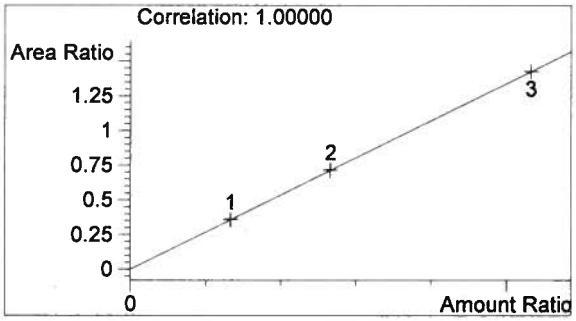
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/16/2013 11:17:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

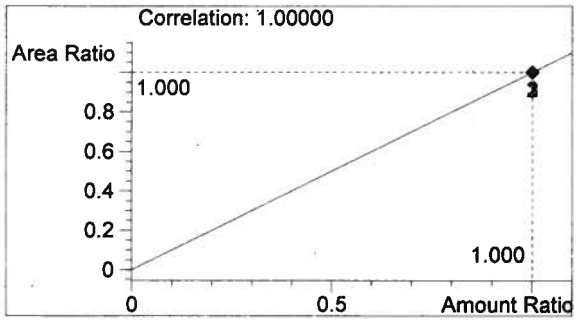
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 30



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2430	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13008

Data File: C:\HPCHEM\1\DATA\130116JK\SIG10030.D