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: 13011

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: 0.08 g/210L
DATE PREPARED: 04/06/2013
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Justin Knoy

	JLK	BB	AJL
1	0.101	0.098	0.100
2	0.100	0.100	0.101
3	0.100	0.100	0.101
4	0.100	0.098	0.101
5	0.101	0.100	0.102
C	0.103	0.101	0.105

ETHANOL CONTROL INFORMATION
LOT NUMBER: A090924 EXPIRATION: 01/2017 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1002 g/100mL
STANDARD DEVIATION: 0.00108
PRECISION CV (%): 1.08
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0815 g/210L**
COMBINED STANDARD UNCERTAINTY: ± 0.0013 (k=1, 68% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 4-29-2013
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy	Justin L. Knoy	04/06/2013
BB	Brittany Ball	Brittany Ball	04/12/2013
AJL	Asa J. Louis		04/12/2013

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 #: 13011 **Date Prepared:** 4/6/2013

Analyst:	JLK	BB	AJL
Date Tested:	4/6/2013	4/12/2013	4/12/2013
Instrument:	HS#1	HS#1	HS#1
1	0.101	0.098	0.100
2	0.100	0.100	0.101
3	0.100	0.100	0.101
4	0.100	0.098	0.101
5	0.101	0.100	0.102
C	0.103	0.101	0.105

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000077784	0.0001256795	0.0001016326

Ethanol Control Lot #: A090924
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1002 g/100mL
Standard Deviation: 0.00108 g/100mL
Precision CV (%): 1.08
Equivalent Vapor Concentration: 0.0815 g/210L
Combined Standard Uncertainty (±): 0.0013 g/210L

Calculations performed by: Melissa L. Pemberton [signature] 4-22-13
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 4-29-2013
Name Signature Date

Method: Hand calculation

Tech. review performed by: Melissa L. Pemberton [signature] 4-23-13
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 4-29-2013

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 13011

	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:** 4-29-2013

Reviewer Signature: N/A GB 4-29-13 **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	20130422
Brianna Peterson		
Brianne O'Reilly		
Brittany Ball	BB	4/22/13
Christie Mitchell-Mata		
Christopher Johnston		
Justin Knoy	JK	4.22.13
Lisa Noble		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 1 3 0 1 1

~~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 13011

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 13011, was prepared in the Washington State Toxicology Laboratory on 4/6/2013. 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 4/6/2014.

Seattle, WA

4-22-13

Justin L. Knoy — 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 0.08 QAP SOLUTION CERTIFICATION FOR LOT 13011

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 13011, was prepared in the Washington State Toxicology Laboratory on 4/6/2013. 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 4/6/2014.

Seattle, WA

Brittany Ball 4/22/13

Brittany Ball Date

Forensic Toxicologist

~~CHRISTINE O. GREGOIRE~~
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 QAP SOLUTION CERTIFICATION FOR LOT 13011

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 13011, was prepared in the Washington State Toxicology Laboratory on 4/6/2013. 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 4/6/2014.

Seattle, WA

2013 April 22nd

Asa J. Louis — 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: 4/6/13 Initials of Preparer: JK

Expiration Date: 4/6/14

Lot # of 200-proof Ethanol used in preparation: 2BI0412

Date the 200-proof Ethanol bottle was opened: 3/20/13

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	☑	13010
QAP 0.08	22.4	18	☑	13011
QAP 0.10	28.1	18	☑	13012
QAP 0.15	42.0	18	☑	13013
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	☑

4-6-13
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:

Justin O [illegible]
Analyst Signature

4-6-13
Date

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

Calibration data w/13010
JK
4-6-13

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:	130406JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0213-01 - Exp. 08/20/2013
Ethanol Calibrator 2, E0213-02 - Exp. 08/20/2013
Ethanol Calibrator 3, E0213-03 - Exp. 08/20/2013
CTRL1 (0.04g/100mL), Lot # A088613 - Exp. 09/2016
CTRL2 (0.10g/100mL), Lot # A090924 - Exp. 01/2017
CTRL3 (0.20g/100mL), Lot # A084657 - Exp. 02/2016

Internal Standard Lot#P0313 - Exp. 06/01/13

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	13010-1	SIMALC1	1	Sample		
11	Vial 11	13010-2	SIMALC1	1	Sample		
12	Vial 12	13010-3	SIMALC1	1	Sample		
13	Vial 13	13010-4	SIMALC1	1	Sample		
14	Vial 14	13010-5	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	13011-1	SIMALC1	1	Sample		
18	Vial 18	13011-2	SIMALC1	1	Sample		
19	Vial 19	13011-3	SIMALC1	1	Sample		
20	Vial 20	13011-4	SIMALC1	1	Sample		
21	Vial 21	13011-5	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	13012-1	SIMALC1	1	Sample		
25	Vial 25	13012-2	SIMALC1	1	Sample		
26	Vial 26	13012-3	SIMALC1	1	Sample		
27	Vial 27	13012-4	SIMALC1	1	Sample		

13011

JK

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
28	Vial 28	13012-5	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	13013-1	SIMALC1	1	Sample		
32	Vial 32	13013-2	SIMALC1	1	Sample		
33	Vial 33	13013-3	SIMALC1	1	Sample		
34	Vial 34	13013-4	SIMALC1	1	Sample		
35	Vial 35	13013-5	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):

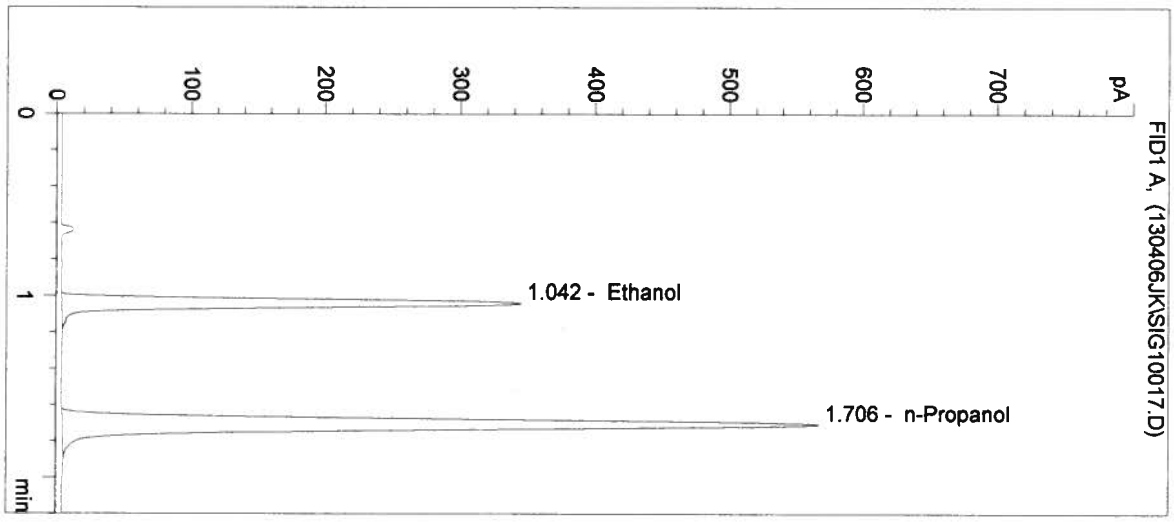
No entries - empty table!

13011

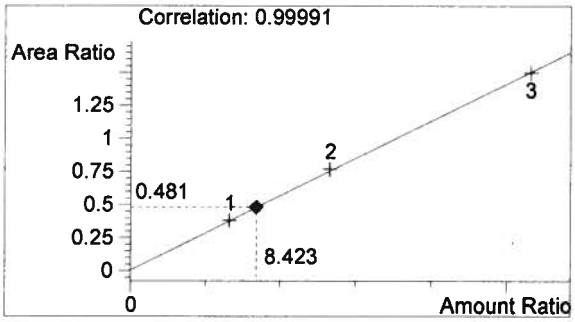
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/6/2013 3:56:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

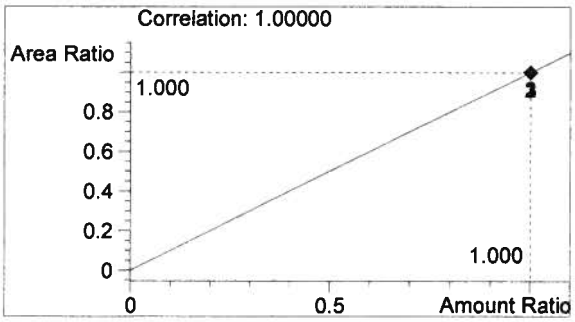
Sample Name: 13011-1
Operator: Justin Knoy
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1073	1.042
2	n-Propanol	2232	1.706



Ethanol 0.101 g/100mL

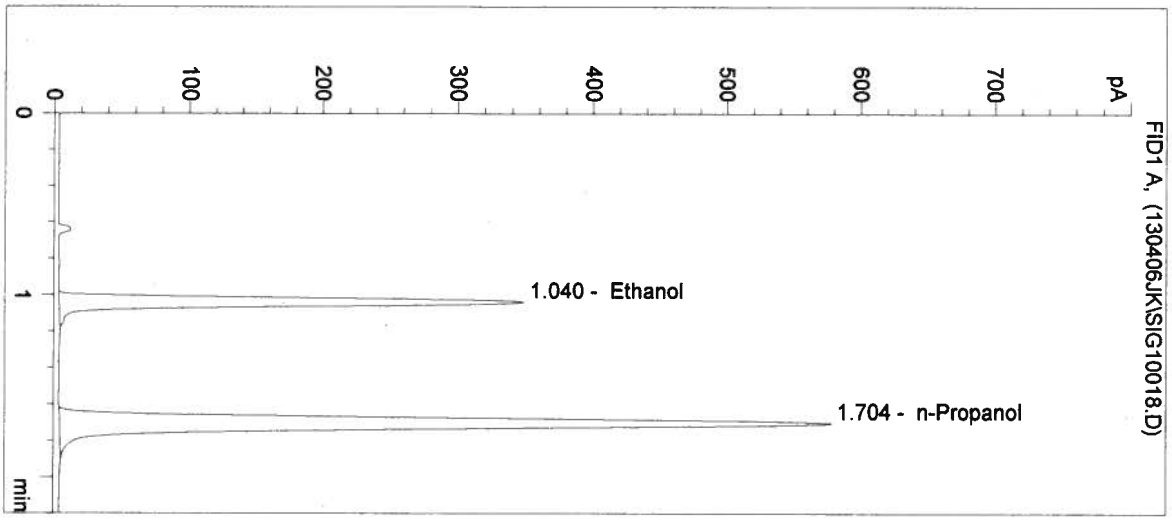


n-Propanol 0.012 g/100mL

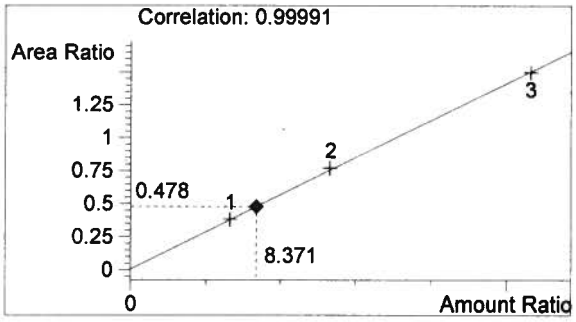
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/6/2013 3:59:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

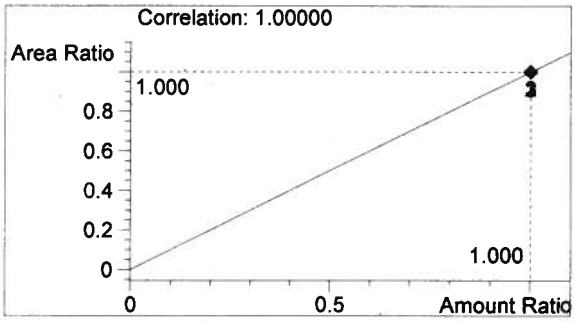
Sample Name: 13011-2
Operator: Justin Knoy
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.040
2	n-Propanol	2281	1.704



Ethanol 0.100 g/100mL

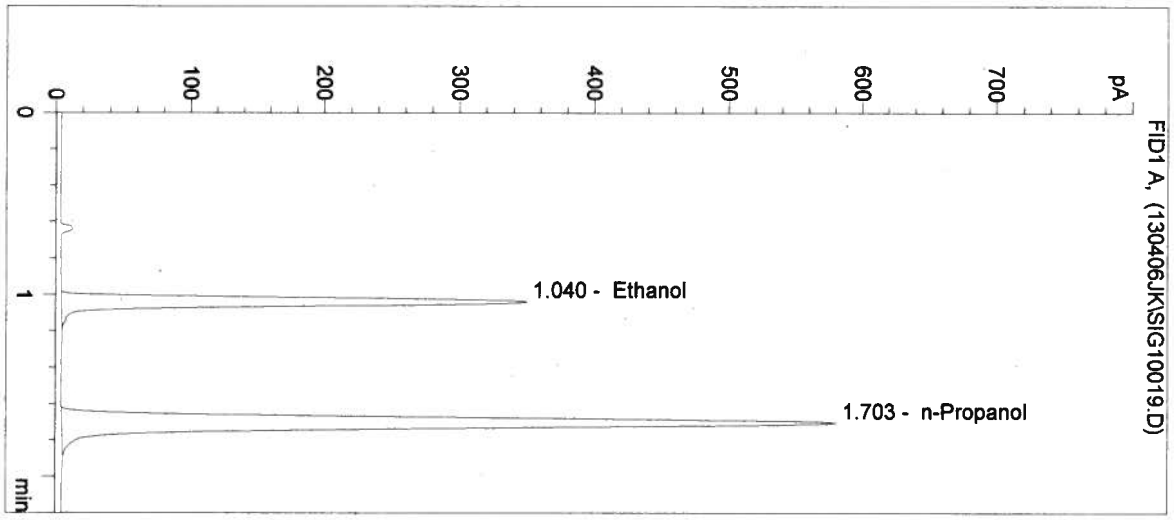


n-Propanol 0.012 g/100mL

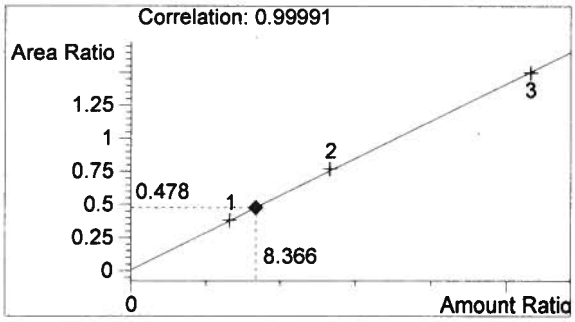
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/6/2013 4:03:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

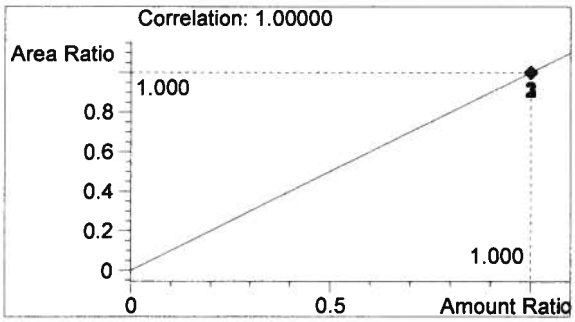
Sample Name: 13011-3
Operator: Justin Knoy
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1096	1.040
2	n-Propanol	2294	1.703



Ethanol 0.100 g/100mL

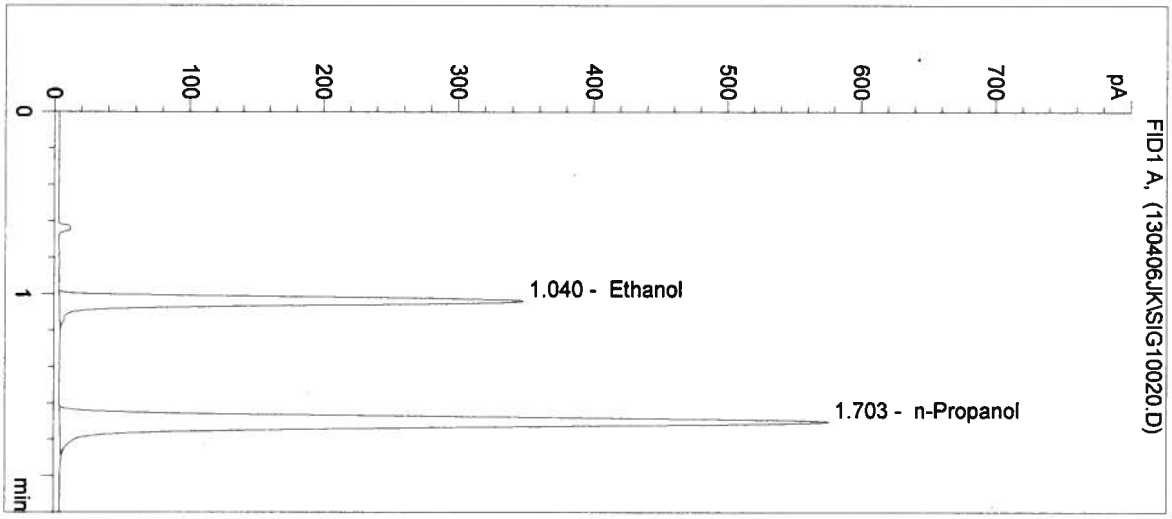


n-Propanol 0.012 g/100mL

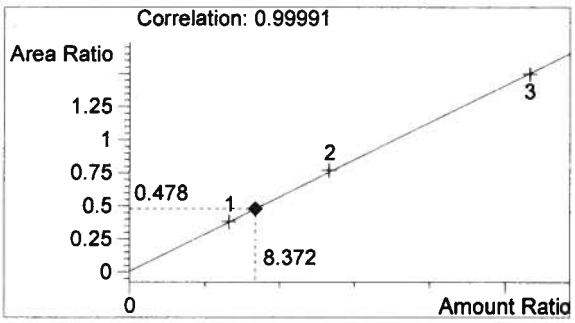
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/6/2013 4:06:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

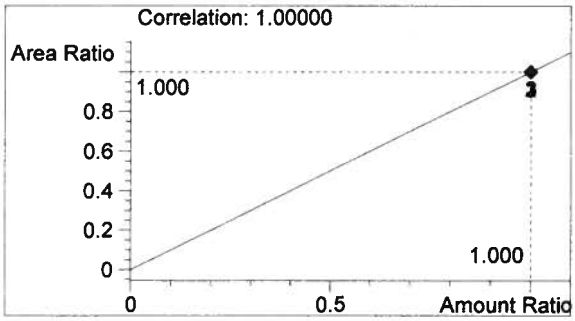
Sample Name: 13011-4
Operator: Justin Knoy
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1084	1.040
2	n-Propanol	2269	1.703



Ethanol 0.100 g/100mL

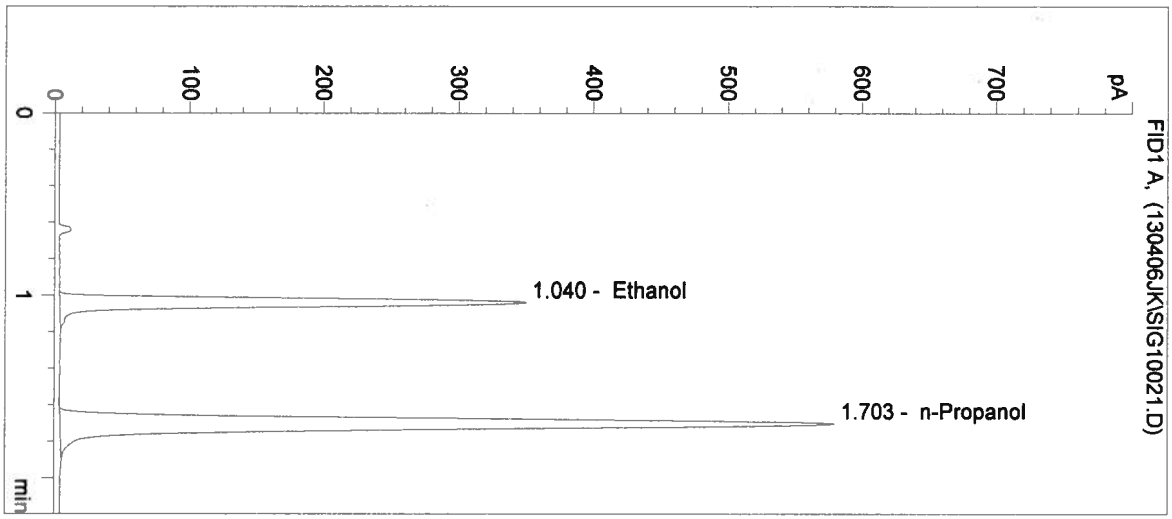


n-Propanol 0.012 g/100mL

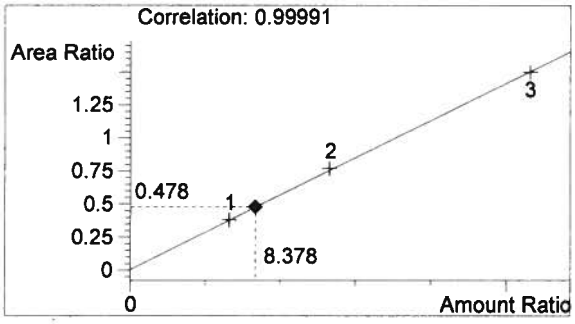
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/6/2013 4:09:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

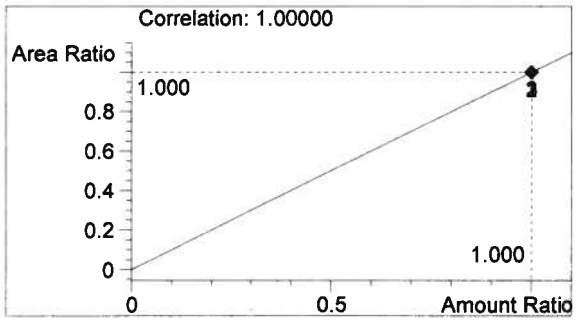
Sample Name: 13011-5
Operator: Justin Knoy
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.040
2	n-Propanol	2282	1.703



Ethanol 0.101 g/100mL

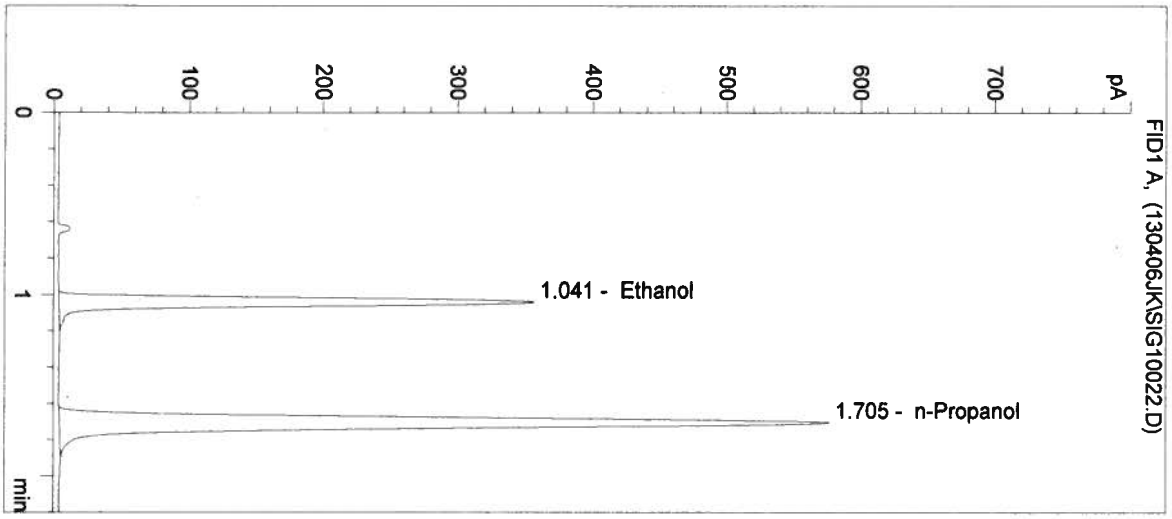


n-Propanol 0.012 g/100mL

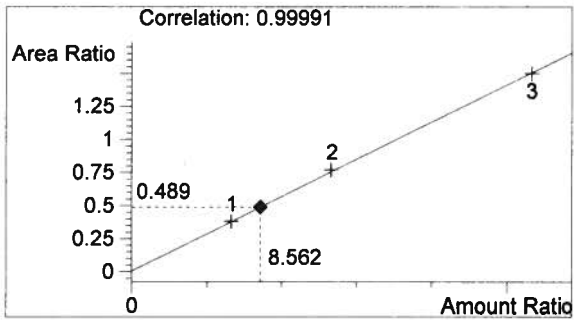
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/6/2013 4:12:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

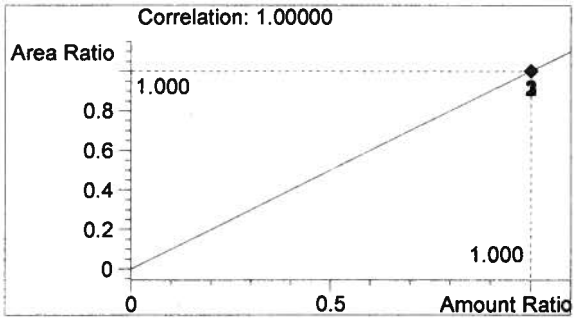
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.041
2	n-Propanol	2268	1.705



Ethanol 0.103 g/100mL



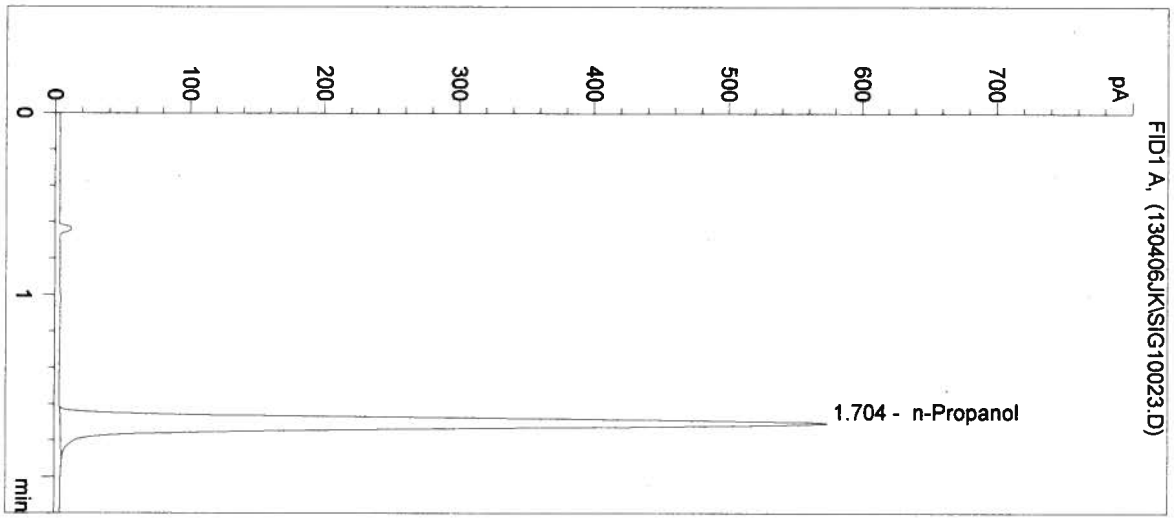
n-Propanol 0.012 g/100mL

13011

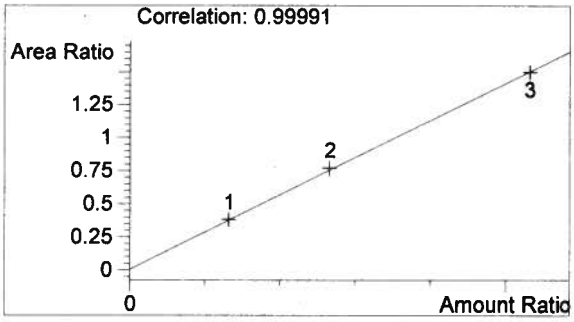
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/6/2013 4:15:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

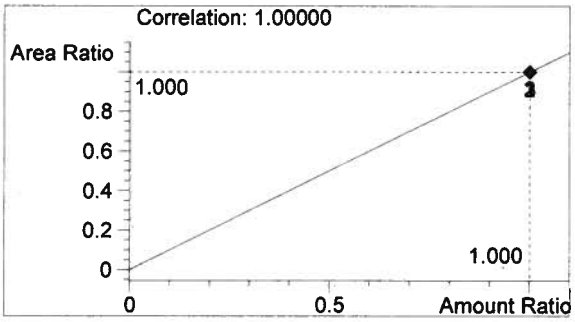
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2253	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13011

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:	130412BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
CAL 1 (0.079g/100mL) - LOT# E0213-01 - EXP 08/20/13
CAL 2 (0.158g/100mL) - LOT# E0213-01 - EXP 08/20/13
CAL 3 (0.316g/100mL) - LOT# E0213-01 - EXP 08/20/13
n-Propanol ISTD - LOT# P0313 - 06/01/13
CTRL 1 (0.04g/100mL) - LOT# A088613 - EXP 09/2016
CTRL 2 (0.10g/100mL) - LOT# A090924 - EXP 01/2017
CTRL 3 (0.20g/100mL) - LOT# A084657 - EXP 02/2016

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-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 13010 #1	SIMALC1	1	Sample		
11	Vial 11	QAP0.04 13010 #2	SIMALC1	1	Sample		
12	Vial 12	QAP0.04 13010 #3	SIMALC1	1	Sample		
13	Vial 13	QAP0.04 13010 #4	SIMALC1	1	Sample		
14	Vial 14	QAP0.04 13010 #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 13011 #1	SIMALC1	1	Sample		
18	Vial 18	QAP0.08 13011 #2	SIMALC1	1	Sample		
19	Vial 19	QAP0.08 13011 #3	SIMALC1	1	Sample		
20	Vial 20	QAP0.08 13011 #4	SIMALC1	1	Sample		
21	Vial 21	QAP0.08 13011 #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 13012 #1	SIMALC1	1	Sample		
25	Vial 25	QAP0.10 13012 #2	SIMALC1	1	Sample		
26	Vial 26	QAP0.10 13012 #3	SIMALC1	1	Sample		
27	Vial 27	QAP0.10 13012 #4	SIMALC1	1	Sample		
28	Vial 28	QAP0.10 13012 #5	SIMALC1	1	Sample		

~~calibration~~ BB 4/12/1
~~data in 13010~~ BB 4/1
~~batch folder~~ BB 4/1

13011

BB

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
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 13013 #1	SIMALC1	1	Sample		
32	Vial 32	QAP0.15 13013 #2	SIMALC1	1	Sample		
33	Vial 33	QAP0.15 13013 #3	SIMALC1	1	Sample		
34	Vial 34	QAP0.15 13013 #4	SIMALC1	1	Sample		
35	Vial 35	QAP0.15 13013 #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!

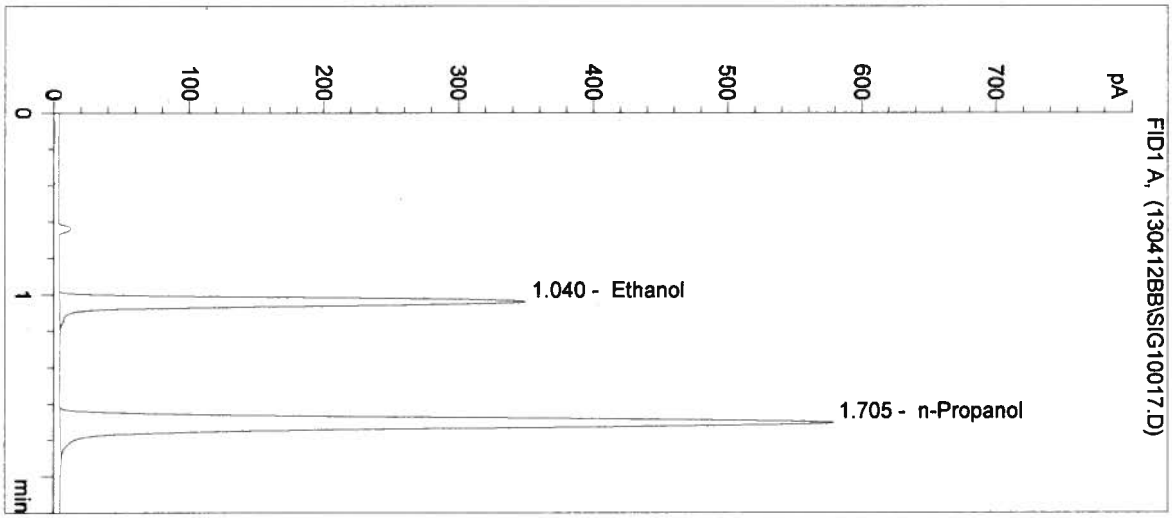
13011

BB

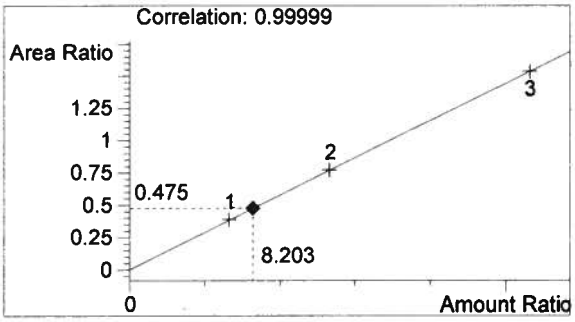
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 10:15:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

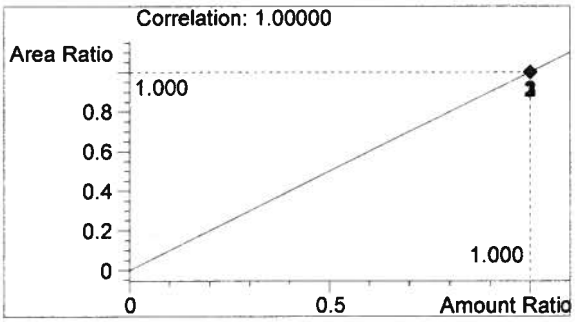
Sample Name: QAP0.08 13011 #1
Operator: BRITTANY BALL
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1081	1.040
2	n-Propanol	2273	1.705



Ethanol 0.098 g/100mL



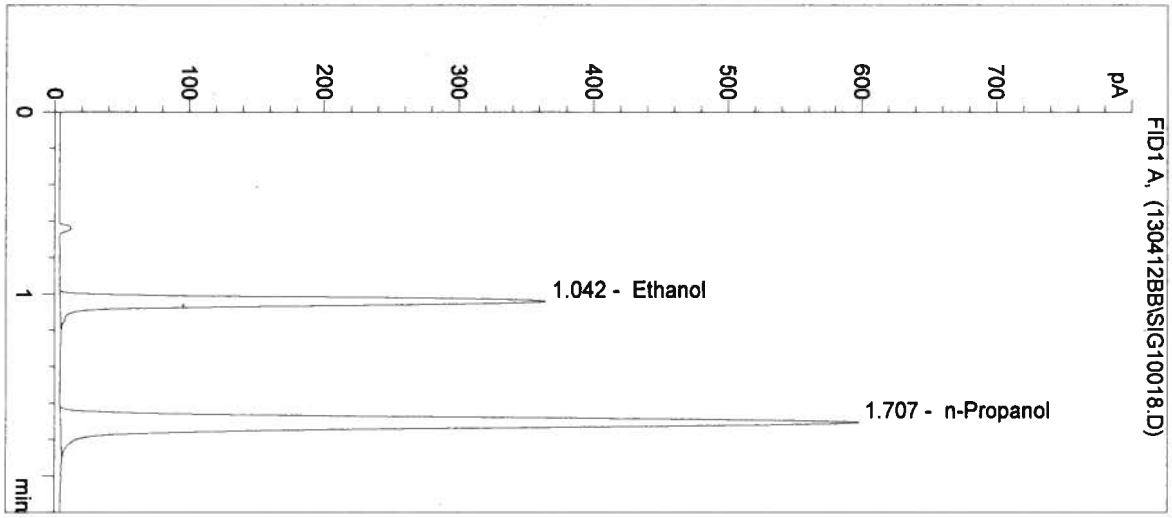
n-Propanol 0.012 g/100mL

BB

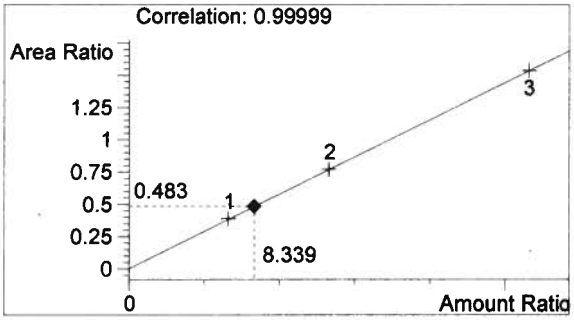
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 10:18:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

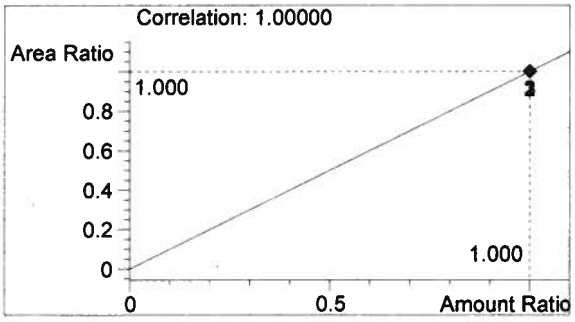
Sample Name: QAP0.08 13011 #2
Operator: BRITTANY BALL
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1135	1.042
2	n-Propanol	2349	1.707



Ethanol 0.100 g/100mL



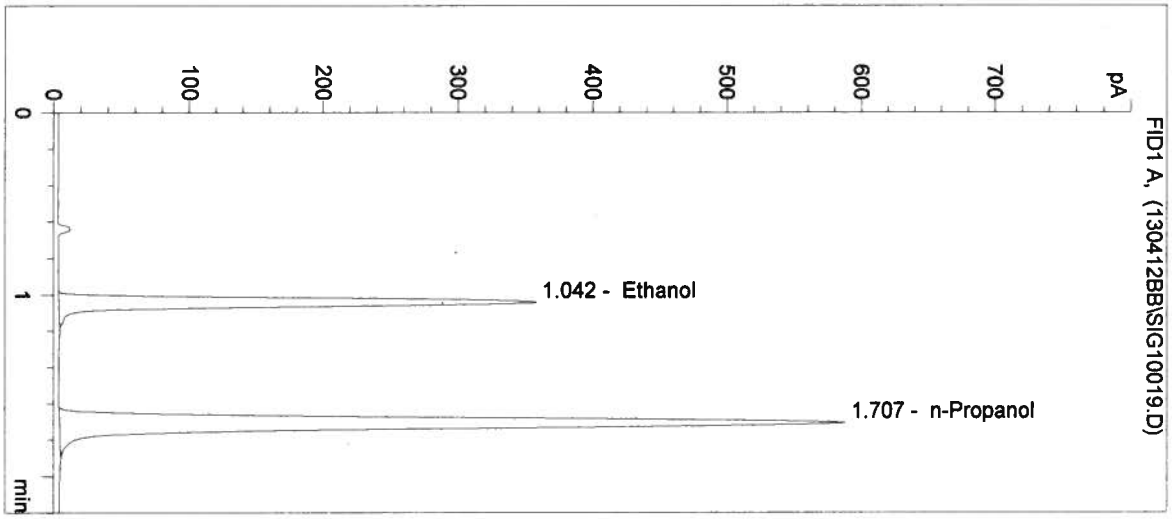
n-Propanol 0.012 g/100mL

BB

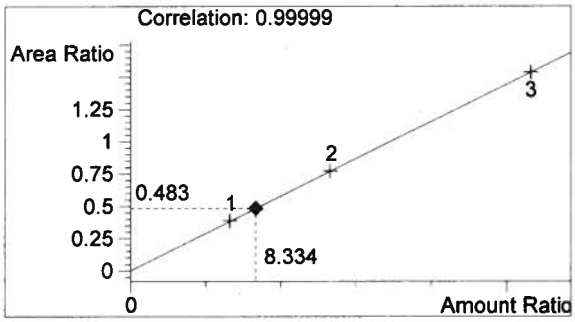
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 10:21:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

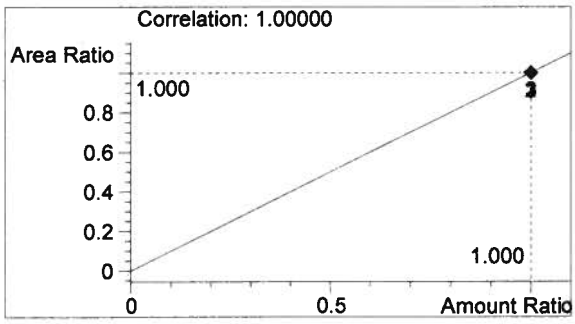
Sample Name: QAP0.08 13011 #3
Operator: BRITTANY BALL
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.042
2	n-Propanol	2311	1.707



Ethanol 0.100 g/100mL



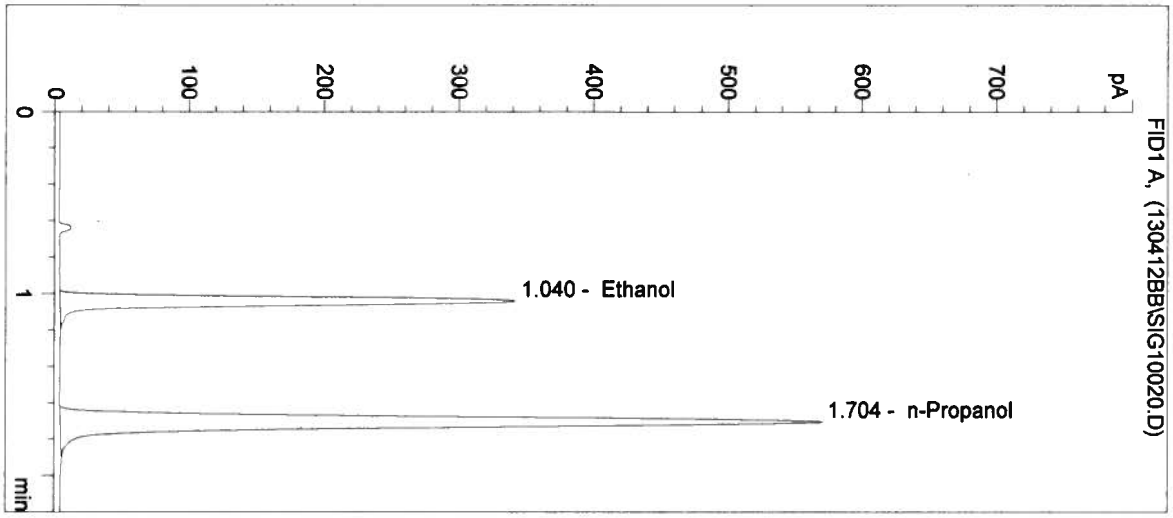
n-Propanol 0.012 g/100mL

BB

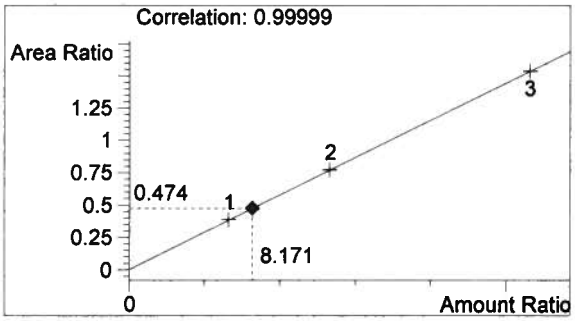
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 10:24:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

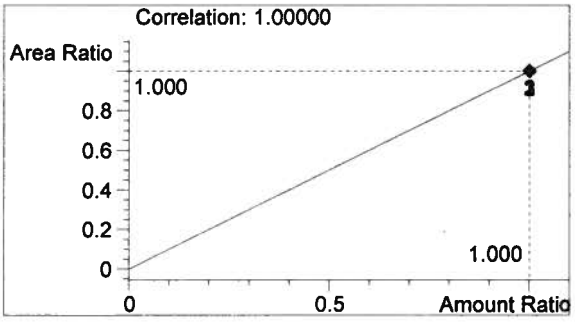
Sample Name: QAP0.08 13011 #4
Operator: BRITTANY BALL
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1061	1.040
2	n-Propanol	2241	1.704



Ethanol 0.098 g/100mL



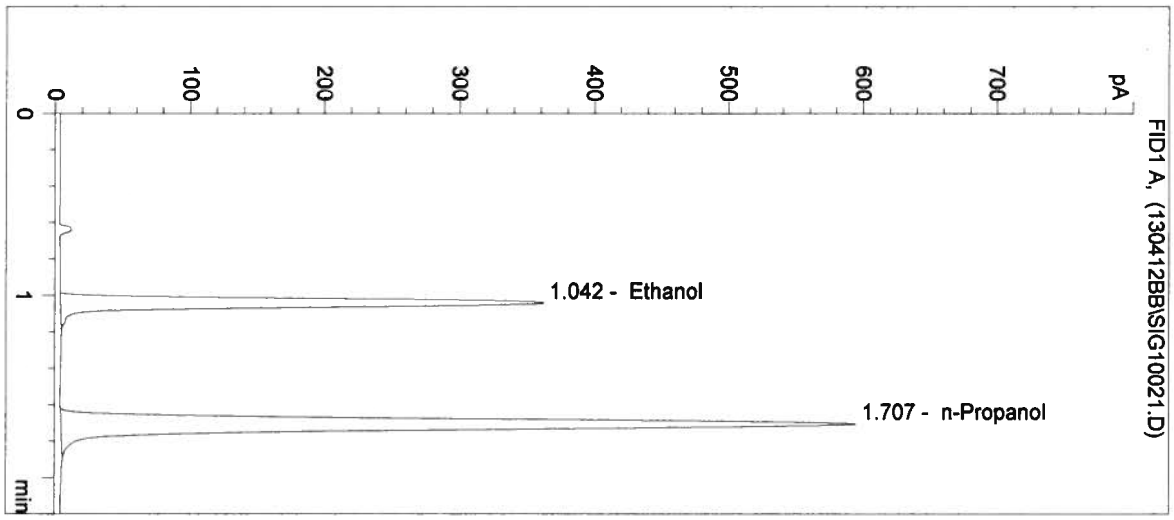
n-Propanol 0.012 g/100mL

BB

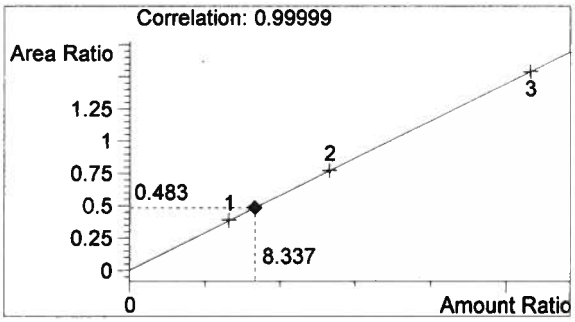
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 10:27:42 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

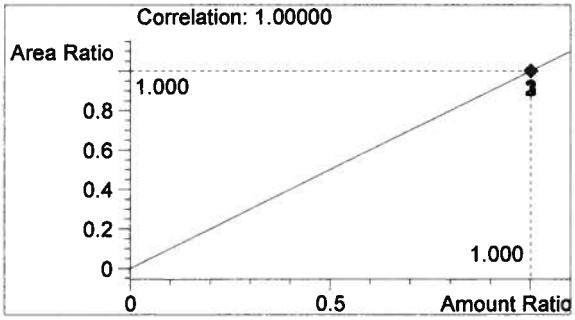
Sample Name: QAP0.08 13011 #5
Operator: BRITTANY BALL
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.042
2	n-Propanol	2338	1.707



Ethanol 0.100 g/100mL



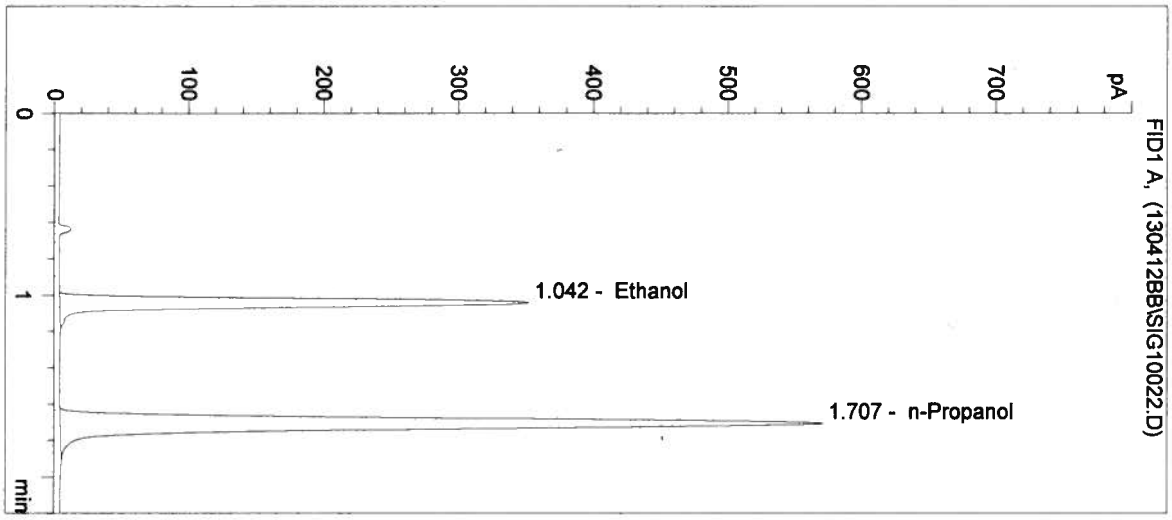
n-Propanol 0.012 g/100mL

BB

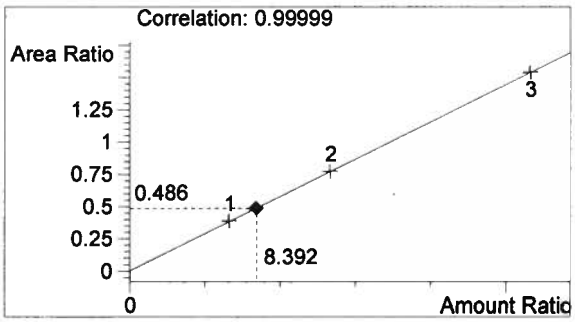
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 10:30:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

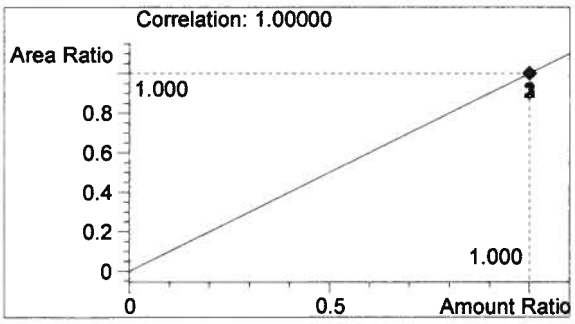
Sample Name: 0.10 CTRL-BB
Operator: BRITTANY BALL
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.042
2	n-Propanol	2244	1.707



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

13011

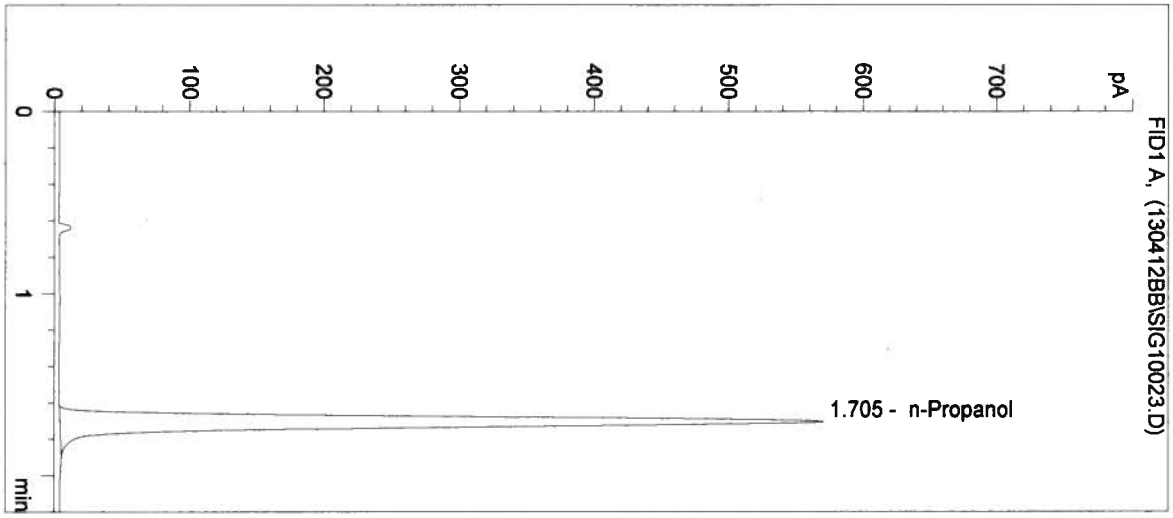
Data File: C:\HPCHEM\1\DATA\130412BB\SIG10022.D

BB

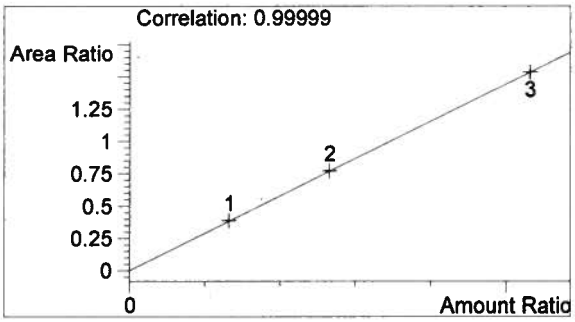
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 10:33:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

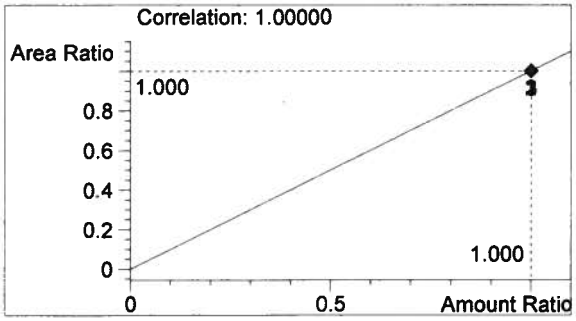
Sample Name: NEG CTRL-BB
Operator: BRITTANY BALL
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2241	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13011

BB

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:	130412A2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0213-01 exp 08/20/2013
cal 2 e0213-02 exp 08/20/2013
cal 3 e0213-03 exp 08/20/2013
0.04 control - lot a088613 exp 09/2016
0.10 control - lot a090924 exp 01/2017
0.20 control - lot a084657 exp 02/2016
istd p0313

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 10	qap 13010 #1	SIMALC1	1	Sample		
2	Vial 11	qap 13010 #2	SIMALC1	1	Sample		
3	Vial 12	qap 13010 #3	SIMALC1	1	Sample		
4	Vial 13	qap 13010 #4	SIMALC1	1	Sample		
5	Vial 14	qap 13010 #5	SIMALC1	1	Sample		
6	Vial 15	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
7	Vial 16	neg ctrl - al	SIMALC1	1	Ctrl Samp		
8	Vial 17	qap 13011 #1	SIMALC1	1	Sample		
9	Vial 18	qap 13011 #2	SIMALC1	1	Sample		
10	Vial 19	qap 13011 #3	SIMALC1	1	Sample		
11	Vial 20	qap 13011 #4	SIMALC1	1	Sample		
12	Vial 21	qap 13011 #5	SIMALC1	1	Sample		
13	Vial 22	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
14	Vial 23	neg ctrl - al	SIMALC1	1	Ctrl Samp		
15	Vial 24	qap 13012 #1	SIMALC1	1	Sample		
16	Vial 25	qap 13012 #2	SIMALC1	1	Sample		
17	Vial 26	qap 13012 #3	SIMALC1	1	Sample		
18	Vial 27	qap 13012 #4	SIMALC1	1	Sample		
19	Vial 28	qap 13012 #5	SIMALC1	1	Sample		
20	Vial 29	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
21	Vial 30	neg ctrl - al	SIMALC1	1	Ctrl Samp		
22	Vial 31	qap 13013 #1	SIMALC1	1	Sample		
23	Vial 32	qap 13013 #2	SIMALC1	1	Sample		
24	Vial 33	qap 13013 #3	SIMALC1	1	Sample		
25	Vial 34	qap 13013 #4	SIMALC1	1	Sample		
26	Vial 35	qap 13013 #5	SIMALC1	1	Sample		
27	Vial 36	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
28	Vial 37	neg ctrl - al	SIMALC1	1	Ctrl Samp		

1 3 0 1 1

AL 20130416

Calibration Part:

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

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval

Sequence Table (Back Injector):

No entries - empty table!

RATA 130412A2

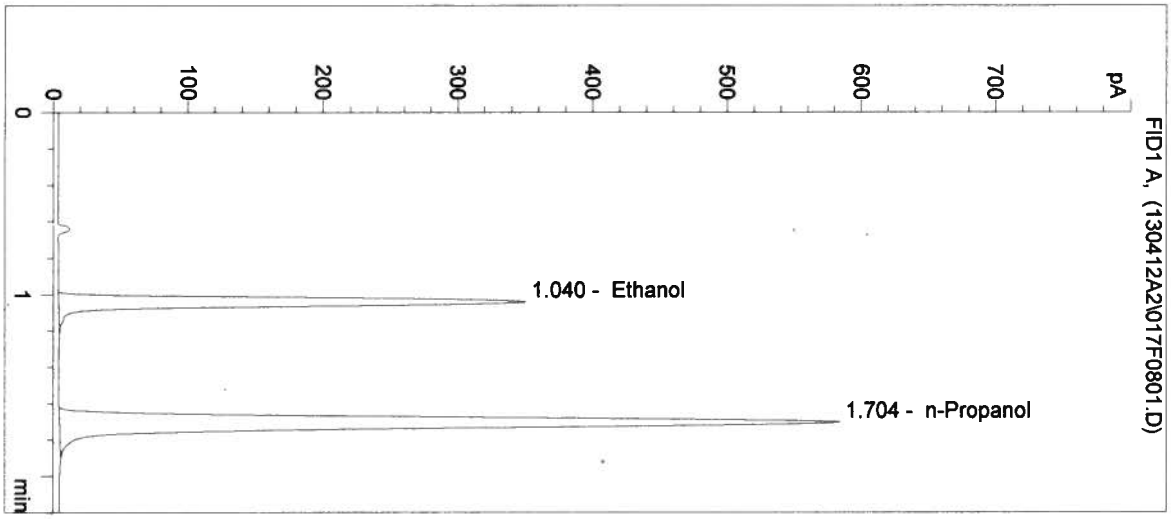
13011

A
20130416

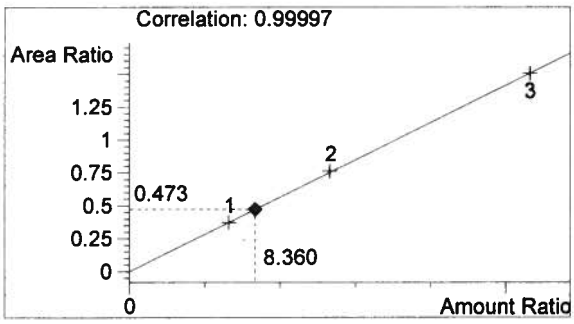
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 4:57:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

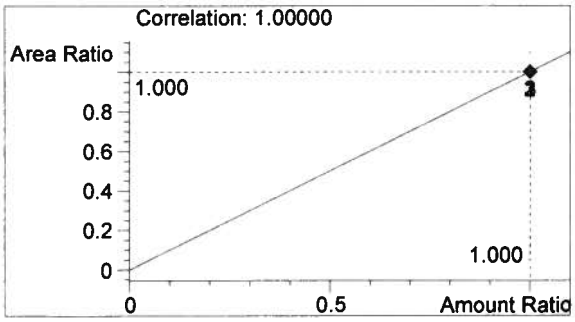
Sample Name: qap 13011 #1
Operator: asa louis
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.040
2	n-Propanol	2302	1.704



Ethanol 0.100 g/100mL



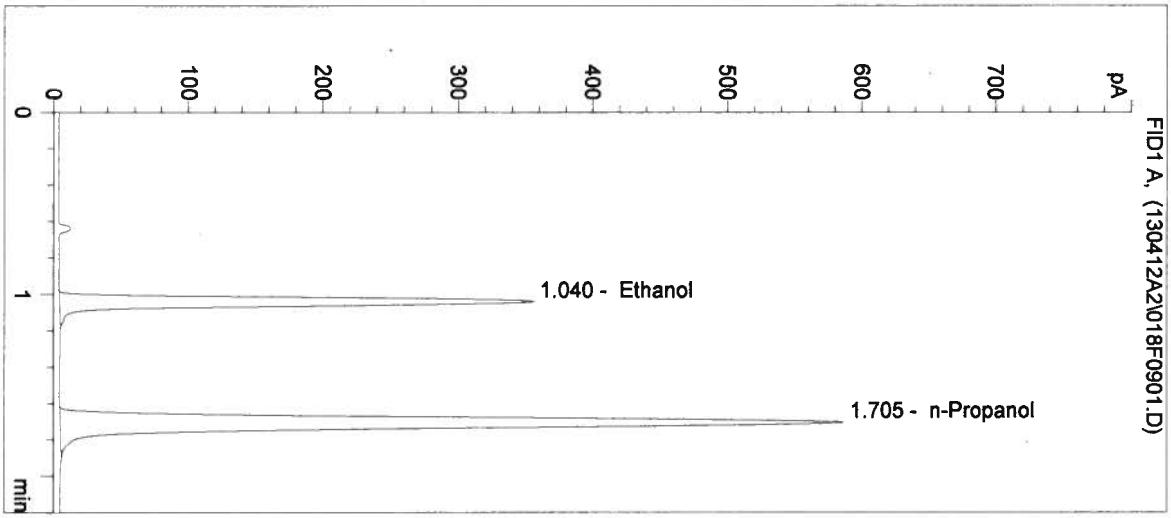
n-Propanol 0.012 g/100mL

AL
20130416

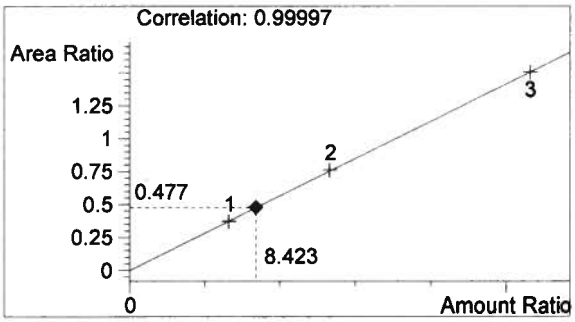
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 5:00:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

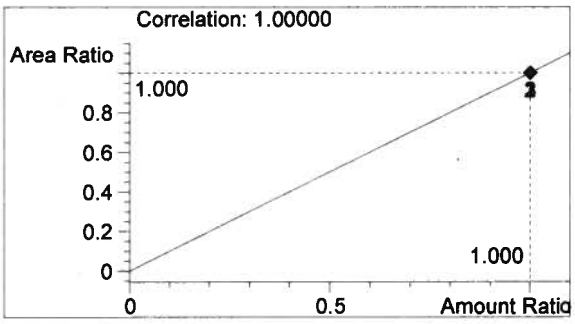
Sample Name: qap 13011 #2
Operator: asa louis
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1095	1.040
2	n-Propanol	2296	1.705



Ethanol 0.101 g/100mL



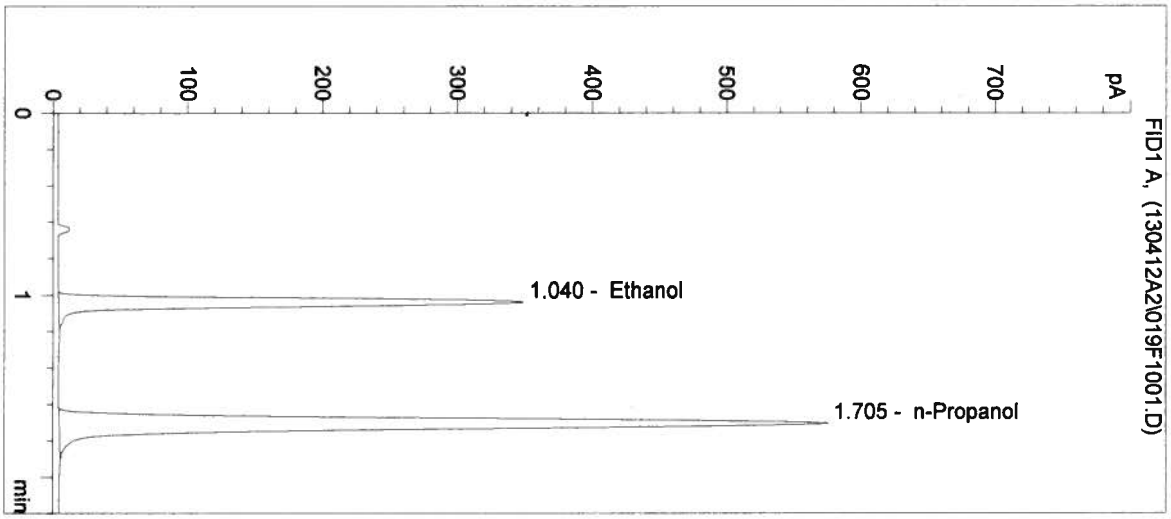
n-Propanol 0.012 g/100mL

AL
2013 04 16

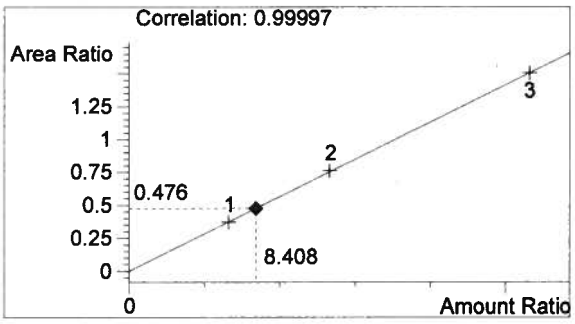
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 5:04:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

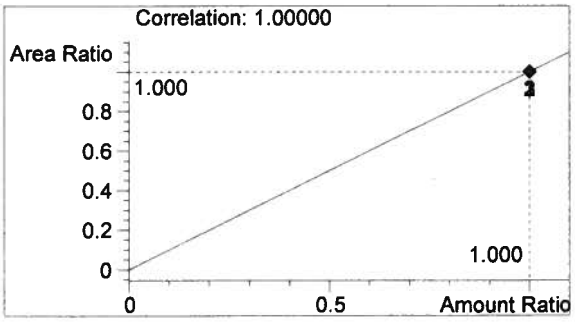
Sample Name: qap 13011 #3
Operator: asa louis
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1072	1.040
2	n-Propanol	2250	1.705



Ethanol 0.101 g/100mL



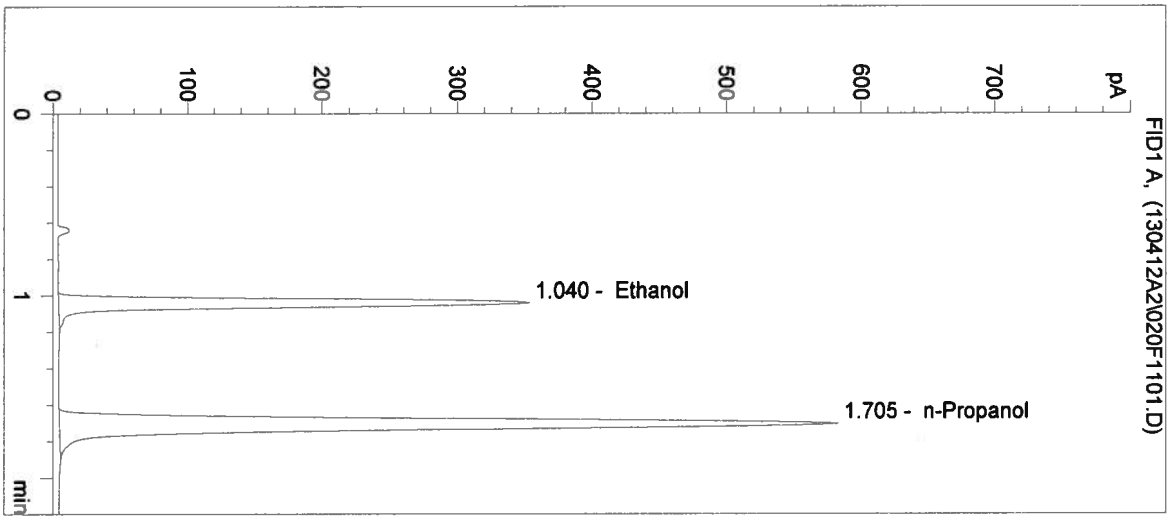
n-Propanol 0.012 g/100mL

AL
2013 0416

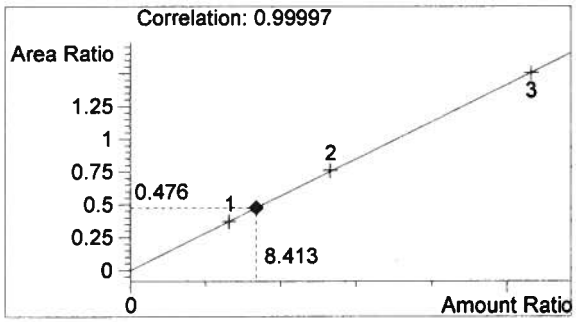
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 5:07:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

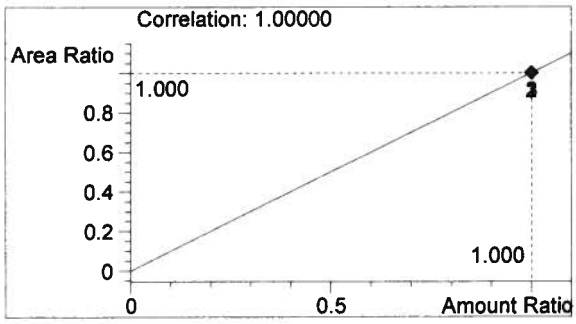
Sample Name: qap 13011 #4
Operator: asa louis
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.040
2	n-Propanol	2288	1.705



Ethanol 0.101 g/100mL



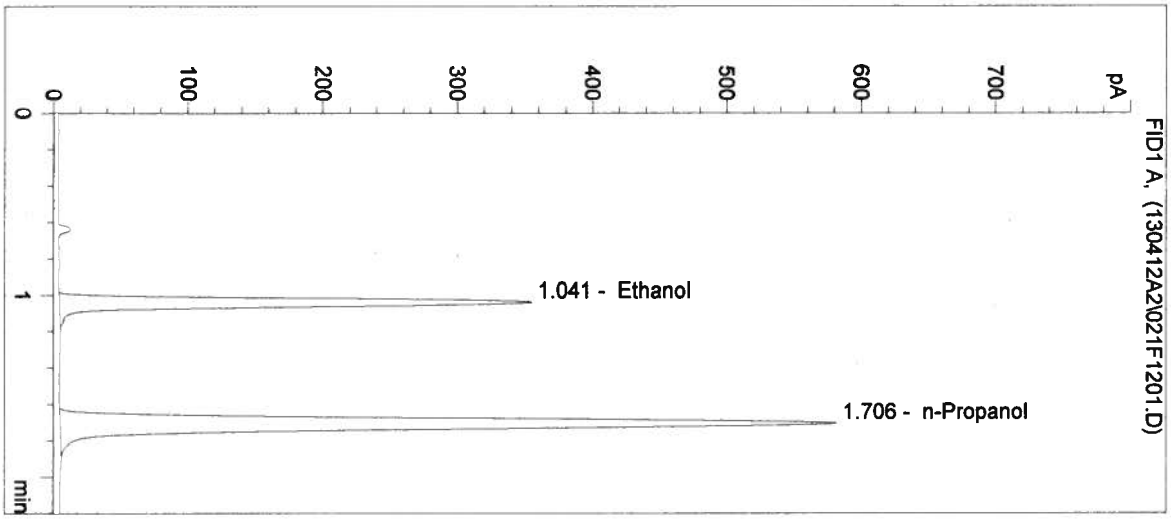
n-Propanol 0.012 g/100mL

AC
20130416

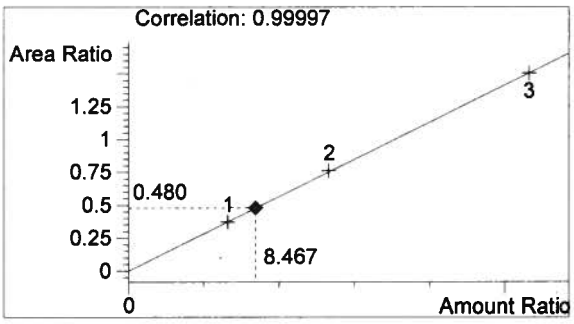
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/12/2013 5:10:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

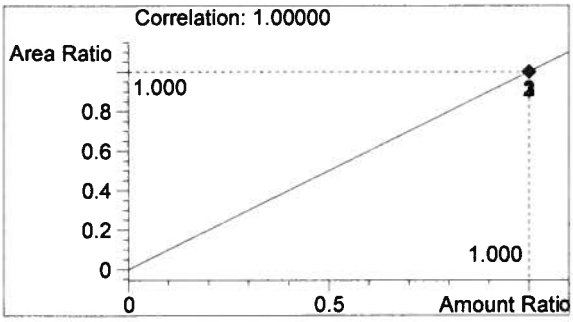
Sample Name: qap 13011 #5
Operator: asa louis
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1093	1.041
2	n-Propanol	2279	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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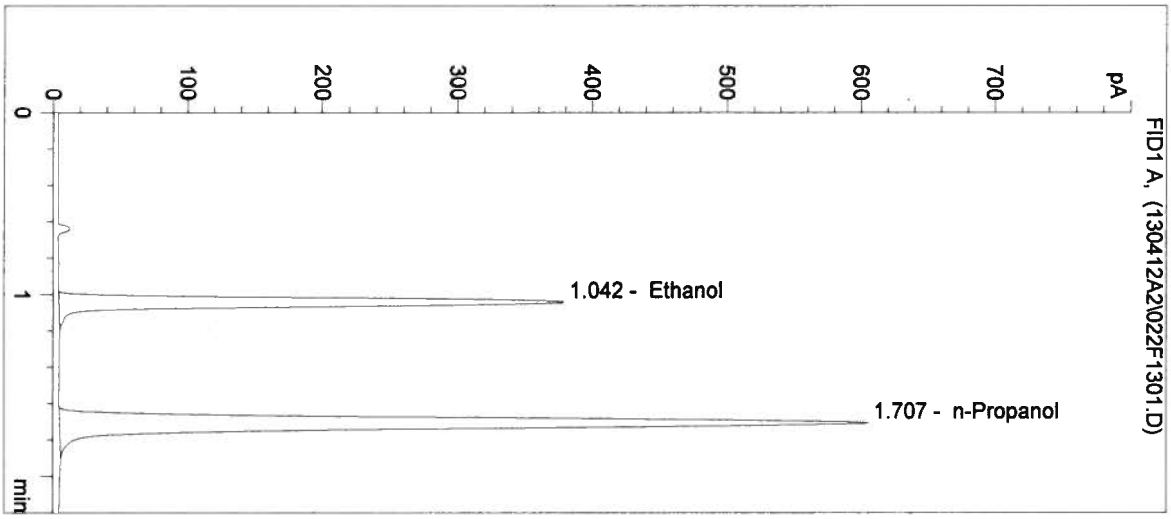
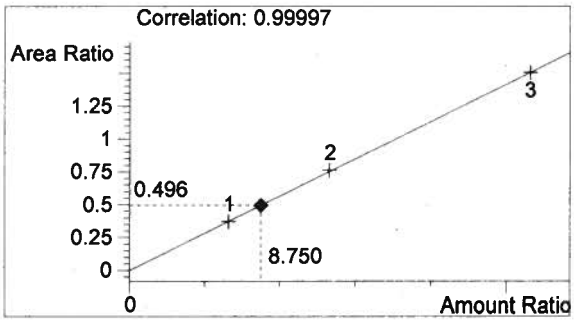
Inj. Date: 4/12/2013 5:13:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

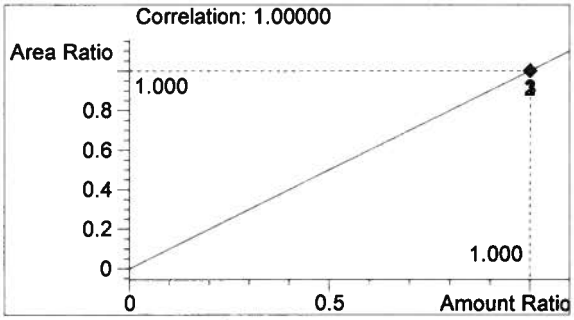
Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1176	1.042
2	n-Propanol	2373	1.707



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

13011

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20130416

Data File: C:\HPCHEM\1\DATA\130412A2\022F1301.D

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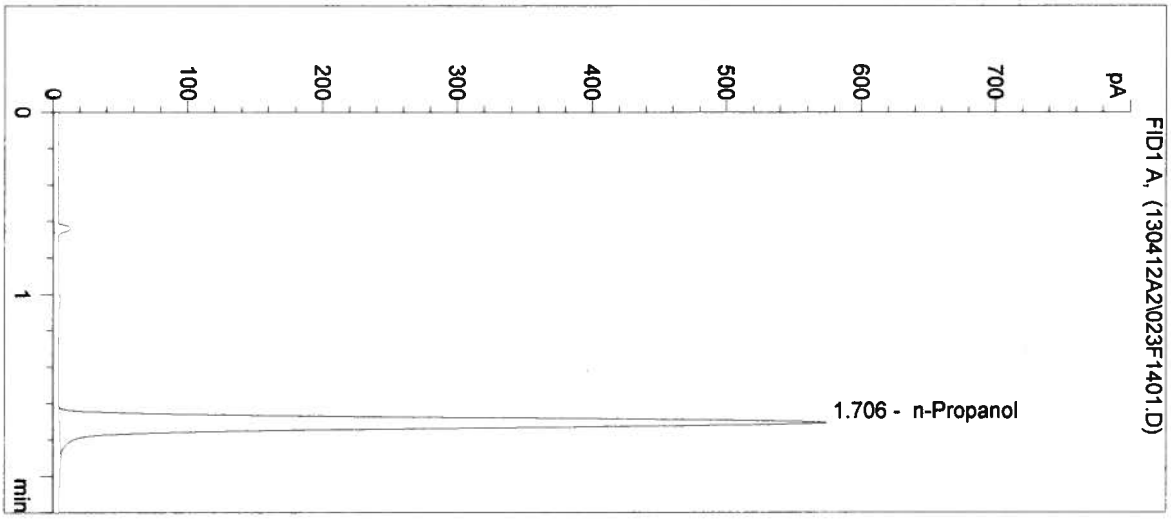
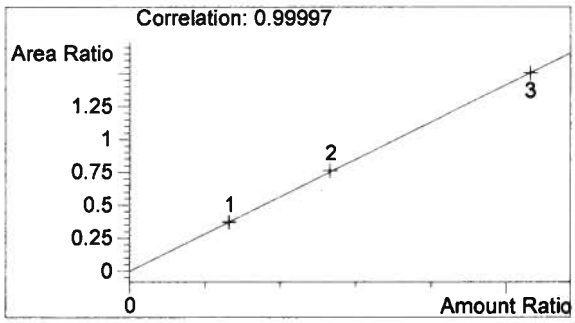
Inj. Date: 4/12/2013 5:16:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

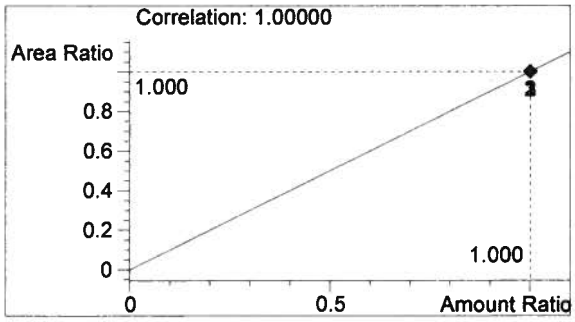
Sample Name: neg ctrl - al
Operator: asa louis
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2252	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13011

20130416

Data File: C:\HPCHEM\1\DATA\130412A2\023F1401.D