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

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

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15047

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: 0.20 g/210L
DATE PREPARED: 10/12/2015
BATCH UNITS: g/100mL
IDENTITY: QAP Solution
PREPARED BY: Asa J. Louis

	AJL	BT	LL
1	0.252	0.253	0.248
2	0.253	0.251	0.250
3	0.250	0.250	0.248
4	0.251	0.250	0.250
5	0.248	0.250	0.251
C	0.102	0.103	0.102

ETHANOL CONTROL INFORMATION
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.2503 g/100mL
STANDARD DEVIATION: 0.00159
PRECISION CV (%): 0.63
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.2035 g/210L**
EXPANDED UNCERTAINTY: ± 0.0046 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Lisa Noble Forensic Scientist Supervisor — 11/6/15 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AJL	Asa J. Louis		10/12/2015
BT	Brittany Thomas		10/14/2015
LL	Lyndsey Lowe		10/21/2015

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

QAP Solution Batch #: 15047 **Date Prepared:** 10/12/2015

	Analyst:	Date Tested:	Instrument:
	AL	BT	LL
	10/12/2015	10/14/2015	10/21/2015
	HSGC #3	HSGC #3	HSGC #3
1	0.252	0.253	0.248
2	0.253	0.251	0.250
3	0.250	0.250	0.248
4	0.251	0.250	0.250
5	0.248	0.250	0.251
C	0.102	0.103	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000026849	0.0000106102	0.0001016326

Ethanol Control Lot #: FN08051301
Control Uncertainty (%): 0.29

Average Solution Concentration:	0.2503	g/100mL
Standard Deviation:	0.00159	g/100mL
Precision CV (%):	0.63	
Equivalent Vapor Concentration:	0.2035	g/210L
Combined Standard Uncertainty (±):	0.0023	g/210L
Expanded Uncertainty (±):	0.0046	coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble (Name) Lisa Noble (Signature) 10/27/15 (Date)

Calculations verified by: Amanda M. Black (Name) (Signature) 11-4-15 (Date) Method: Hand calculation

Tech. review performed by: Lisa Noble (Name) Lisa Noble (Signature) 10/27/15 (Date)

Washington State Patrol Toxicology Laboratory Division

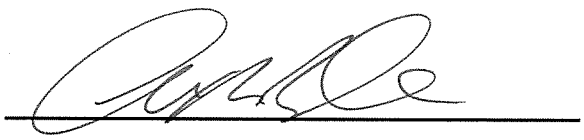
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 11-4-15

Location: WSP- FSB Seattle, WA **Solution Batch Number:** 15047

	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:  **Date:** 11-4-15

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 Chandler		
Andrew Gingras		
Asa Louis	AL	20151028
Brittany Thomas	BT	10/29/15
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Lowe	LL	10.27.15
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15047 JH 10/27/15

JH

JAY INSLEE
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

0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15047

I, Asa J. Louis, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: B.S. degree in Biochemistry and over ten years of toxicology experience.

The quality assurance procedure (QAP) solution, Lot Number 15047, was prepared in the Washington State Toxicology Laboratory on 10/12/2015. I tested this solution and 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 10/12/2016.

Seattle, WA

20151028

Asa J. Louis Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15047

I, Brittany Thomas, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 15047, was prepared in the Washington State Toxicology Laboratory on 10/12/2015. I tested this solution and 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 10/12/2016.

Seattle, WA

Brittany E Thomas 10/29/15

Brittany Thomas Date

Forensic Scientist

JAY INSLEE
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

0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 15047

I, Lyndsey Lowe, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 15047, was prepared in the Washington State Toxicology Laboratory on 10/12/2015. I tested this solution and 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 10/12/2016.

Seattle, WA

10.27.15

Lyndsey Lowe — Date
Forensic Scientist

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

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

Preparation Date: 20151012 Expiration Date: 20161012 Initials of Preparer: AK

Lot # of 200-proof Ethanol used in preparation: 2EA0437

Date the 200-proof Ethanol bottle was opened: 20151012

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.

Environmental conditions verified as acceptable: ☑

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.1	18	☑	15046
QAP 0.20	56.1	18	☑	15047
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 ☑ 20151012 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

20151012 Date

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

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	151012A3
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

0.079 cal 1 e0615-01 exp 12/02/2015
0.158 cal 2 e0615-02 exp 12/02/2015
0.316 cal 3 e0615-03 exp 12/02/2015
0.04 control fn05011301 exp 05/2018
0.10 control fn08051301 exp 10/2018
0.20 control fn03211401 exp 06/2019
istd p0915 exp 12/18/2015

calibration in batch ~~15043~~ 15044 fn 10/27/15

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC3	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC3	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC3	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC3	1	Calib		
5	Vial 5	neg ctrl - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg ctrl - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	qap0.04 15043 #1	SIMALC3	1	Sample		
11	Vial 11	qap0.04 15043 #2	SIMALC3	1	Sample		
12	Vial 12	qap0.04 15043 #3	SIMALC3	1	Sample		
13	Vial 13	qap0.04 15043 #4	SIMALC3	1	Sample		
14	Vial 14	qap0.04 15043 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg ctrl - al	SIMALC3	1	Ctrl Samp		
17	Vial 17	qap0.08 15044 #1	SIMALC3	1	Sample		
18	Vial 18	qap0.08 15044 #2	SIMALC3	1	Sample		
19	Vial 19	qap0.08 15044 #3	SIMALC3	1	Sample		
20	Vial 20	qap0.08 15044 #4	SIMALC3	1	Sample		
21	Vial 21	qap0.08 15044 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
23	Vial 23	neg ctrl - al	SIMALC3	1	Ctrl Samp		
24	Vial 24	qap0.10 15045 #1	SIMALC3	1	Sample		
25	Vial 25	qap0.10 15045 #2	SIMALC3	1	Sample		
26	Vial 26	qap0.10 15045 #3	SIMALC3	1	Sample		

= 15047 fn 10/27/15

equence: C:\HPCHEM\2\SEQUENCE\ALQAP.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	qap0.10 15045 #4	SIMALC3	1	Sample		
28	Vial 28	qap0.10 15045 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
30	Vial 30	neg ctrl - al	SIMALC3	1	Ctrl Samp		
31	Vial 31	qap0.15 15046 #1	SIMALC3	1	Sample		
32	Vial 32	qap0.15 15046 #2	SIMALC3	1	Sample		
33	Vial 33	qap0.15 15046 #3	SIMALC3	1	Sample		
34	Vial 34	qap0.15 15046 #4	SIMALC3	1	Sample		
35	Vial 35	qap0.15 15046 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
37	Vial 37	neg ctrl - al	SIMALC3	1	Ctrl Samp		
38	Vial 38	qap0.20 15047 #1	SIMALC3	1	Sample		
39	Vial 39	qap0.20 15047 #2	SIMALC3	1	Sample		
40	Vial 40	qap0.20 15047 #3	SIMALC3	1	Sample		
41	Vial 41	qap0.20 15047 #4	SIMALC3	1	Sample		
42	Vial 42	qap0.20 15047 #5	SIMALC3	1	Sample		
43	Vial 43	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
44	Vial 44	neg ctrl - al	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

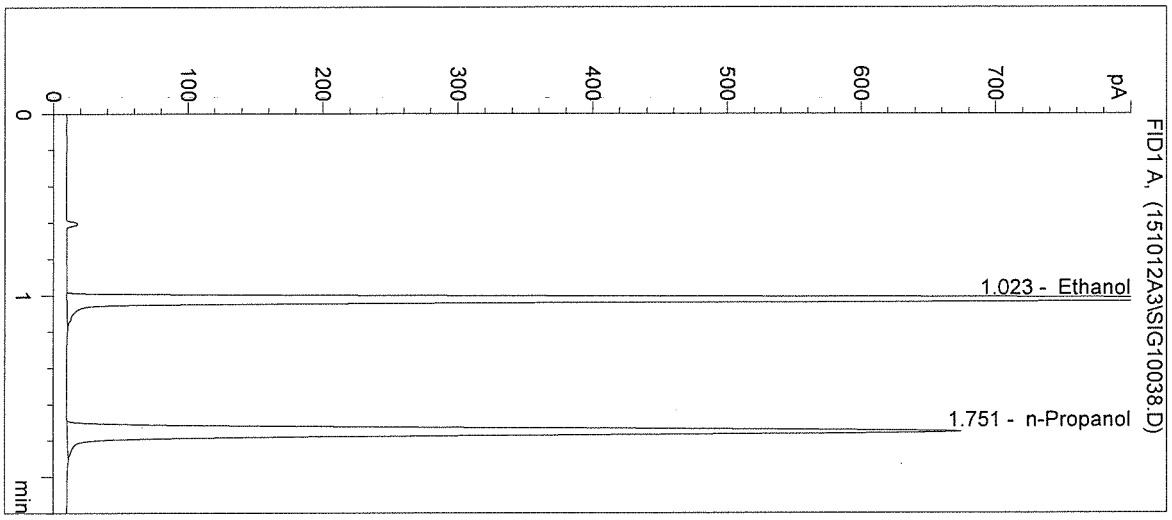
No entries - empty table!

15047
10/12/15

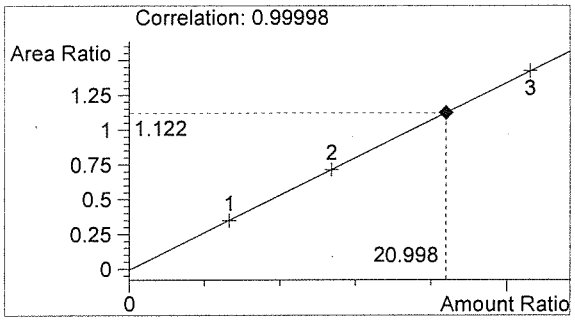
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/12/2015 3:05:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

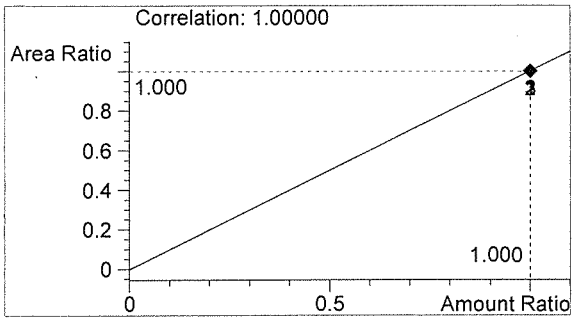
Sample Name: qap0.20 15047 #1
Operator: asa louis
Location: Vial 38



#	Compound	Peak Area	RT (min)
1	Ethanol	2019	1.023
2	n-Propanol	1799	1.751



Ethanol 0.252 g/100mL

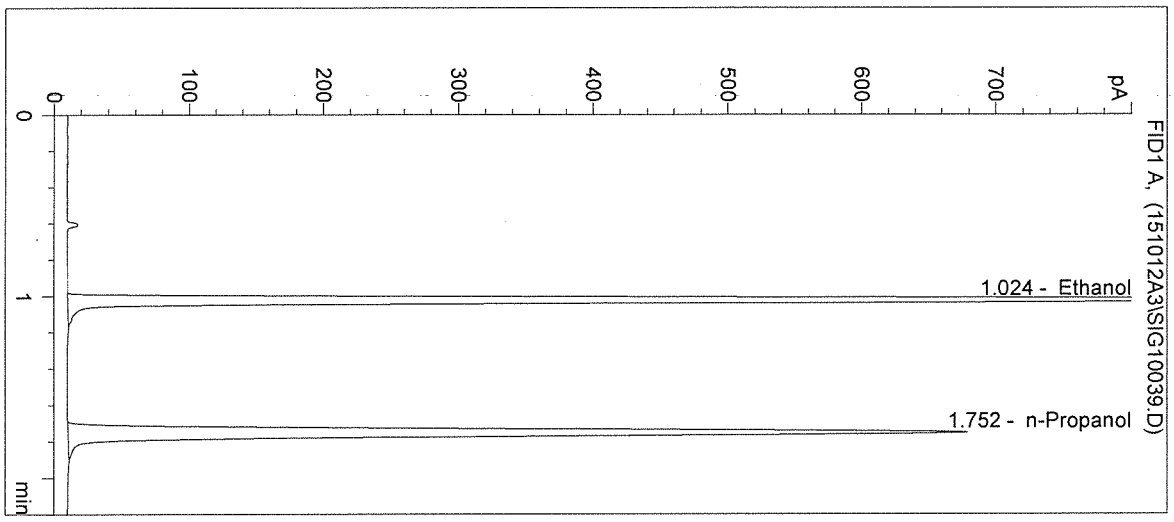


n-Propanol 0.012 g/100mL

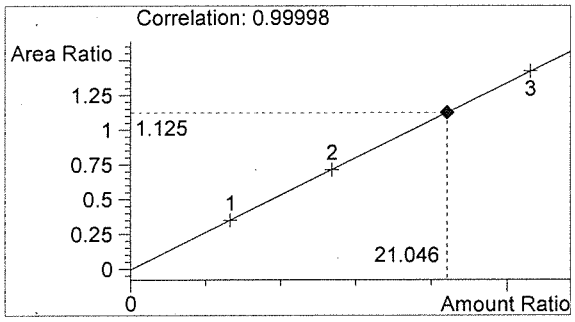
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/12/2015 3:08:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

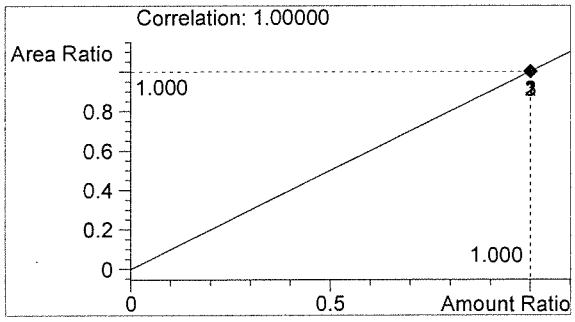
Sample Name: qap0.20 15047 #2
Operator: asa louis
Location: Vial 39



#	Compound	Peak Area	RT (min)
1	Ethanol	2046	1.024
2	n-Propanol	1818	1.752



Ethanol 0.253 g/100mL

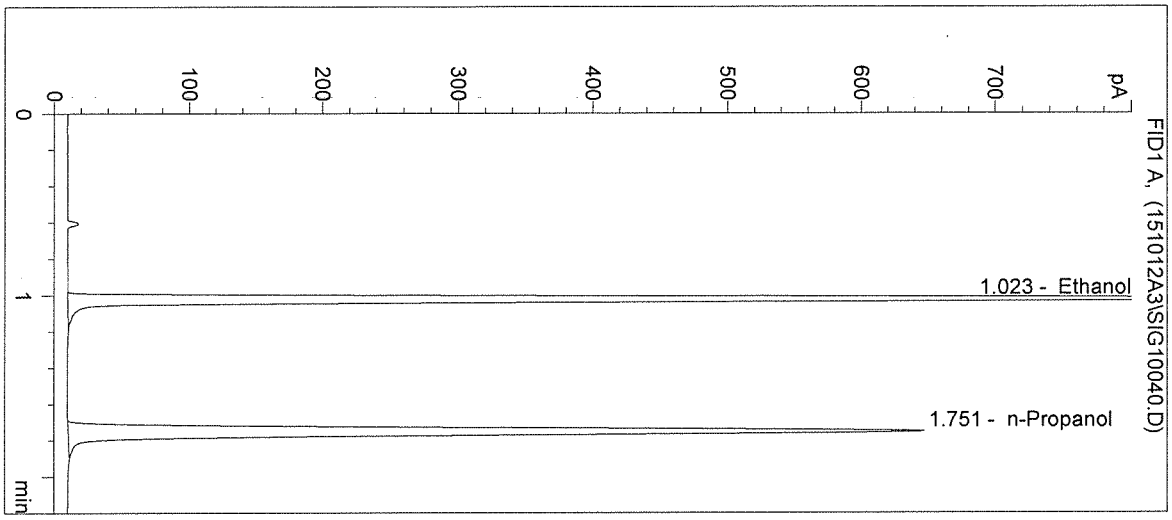


n-Propanol 0.012 g/100mL

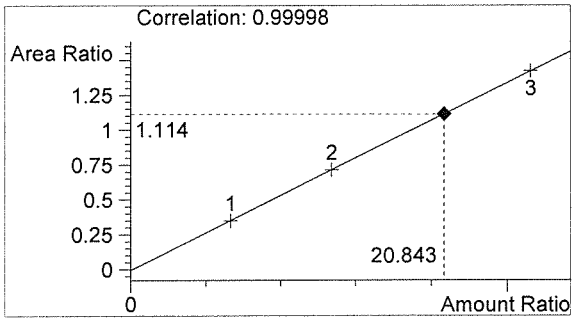
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/12/2015 3:11:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

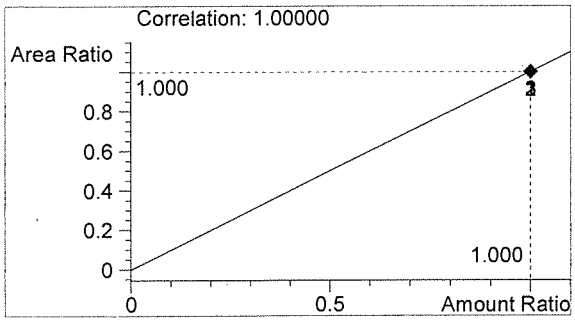
Sample Name: qap0.20 15047 #3
Operator: asa louis
Location: Vial 40



#	Compound	Peak Area	RT (min)
1	Ethanol	1927	1.023
2	n-Propanol	1730	1.751



Ethanol 0.250 g/100mL

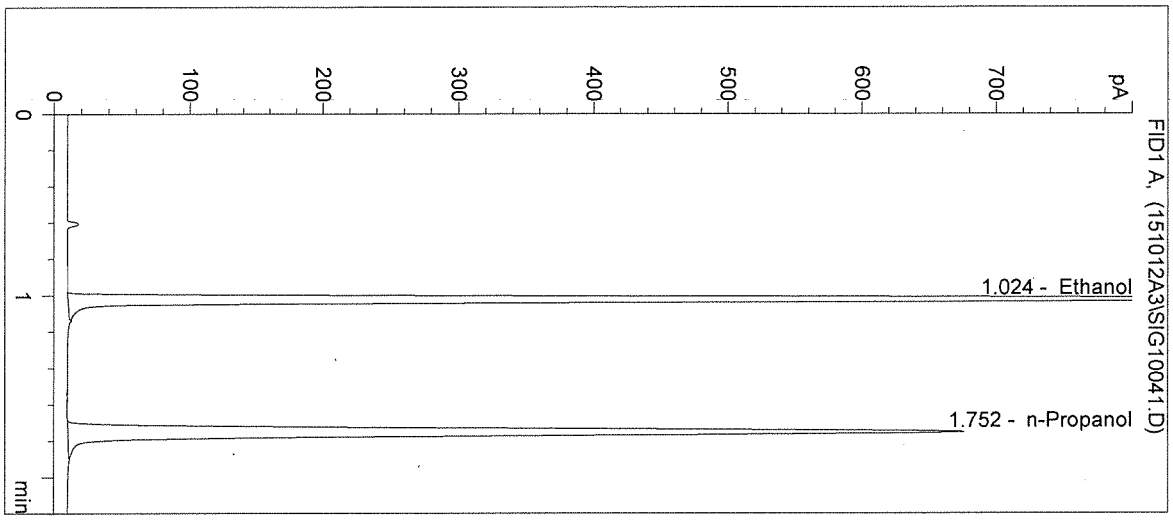


n-Propanol 0.012 g/100mL

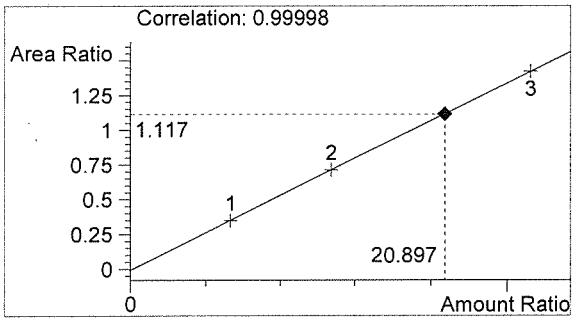
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/12/2015 3:14:43 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

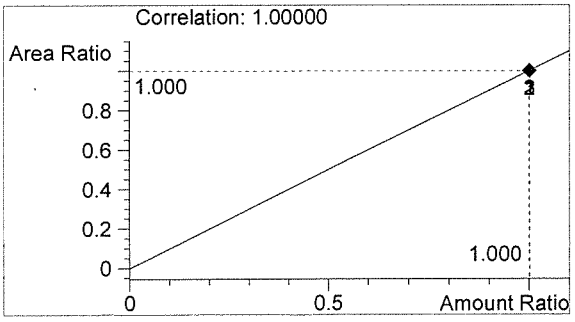
Sample Name: qap0.20 15047 #4
Operator: asa louis
Location: Vial 41



#	Compound	Peak Area	RT (min)
1	Ethanol	2016	1.024
2	n-Propanol	1805	1.752



Ethanol 0.251 g/100mL



n-Propanol 0.012 g/100mL

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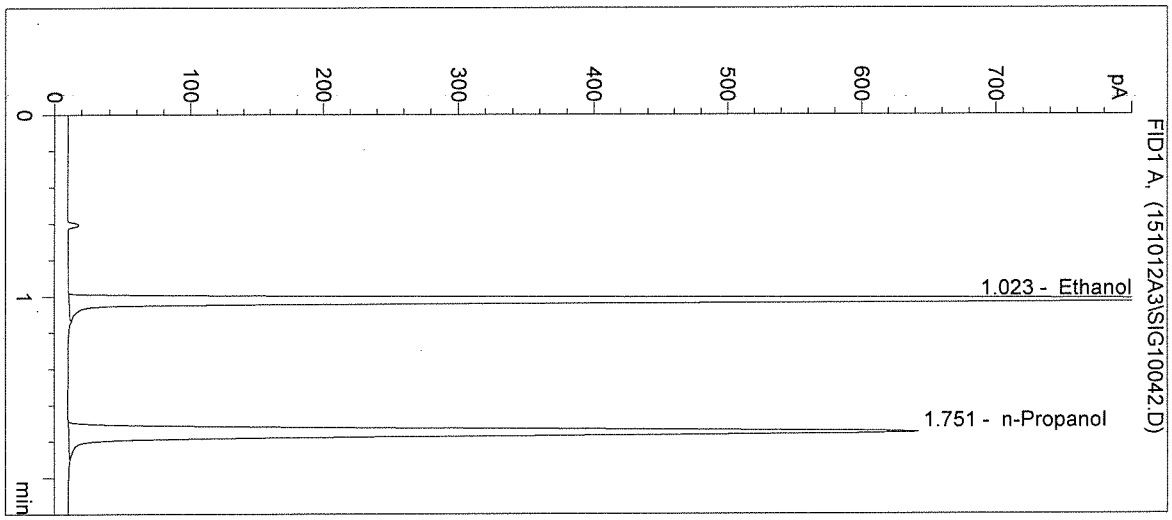
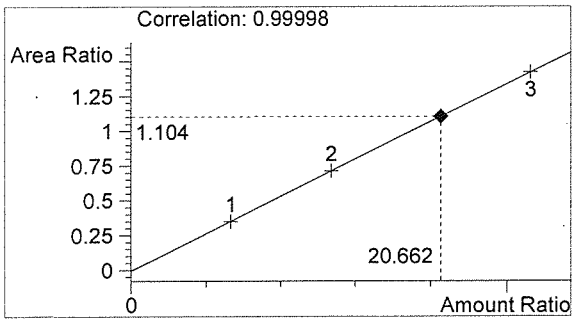
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/12/2015 3:17:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

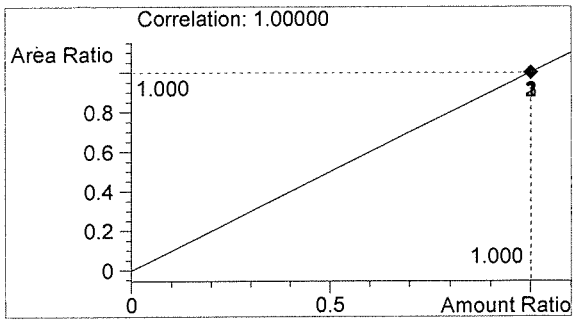
Sample Name: qap0.20 15047 #5
Operator: asa louis
Location: Vial 42



#	Compound	Peak Area	RT (min)
1	Ethanol	1884	1.023
2	n-Propanol	1706	1.751



Ethanol 0.248 g/100mL

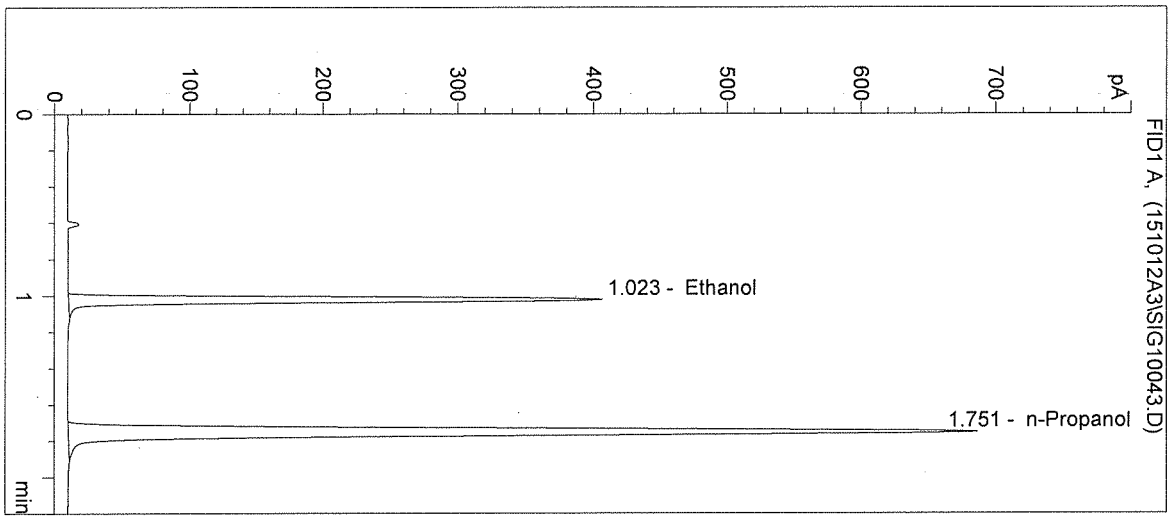


n-Propanol 0.012 g/100mL

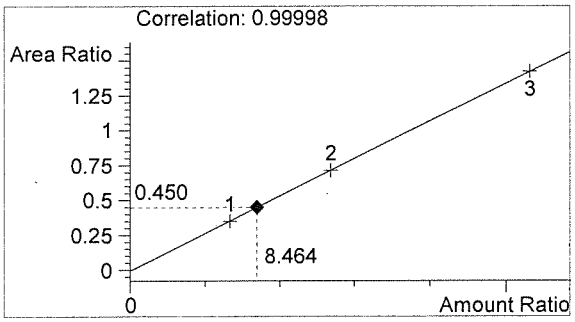
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/12/2015 3:21:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: qap 15047

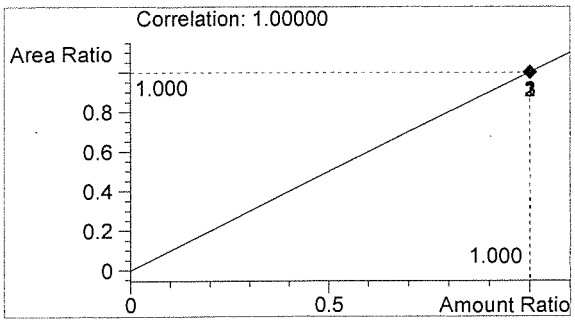
Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 43



#	Compound	Peak Area	RT (min)
1	Ethanol	824	1.023
2	n-Propanol	1829	1.751



Ethanol 0.102 g/100mL



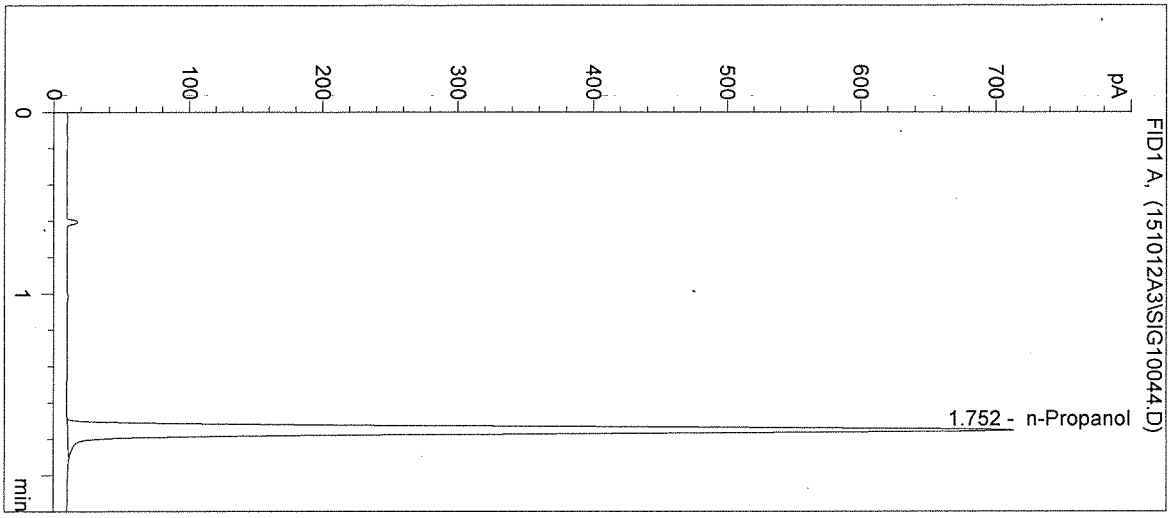
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\151012A3\SIG10043.D

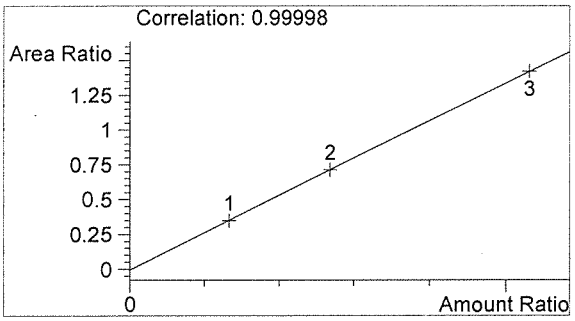
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/12/2015 3:24:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: qap 15047

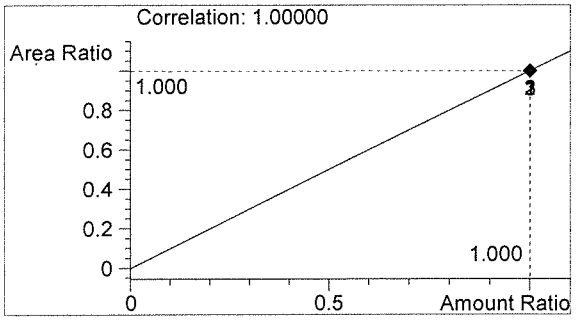
Sample Name: neg ctrl - al
Operator: asa louis
Location: Vial 44



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1908	1.752



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Brittany Thomas
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	151014B
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# E0615-01 - EXP 12/2/2015
CAL 2 (0.158g/100mL) - LOT# E0615-02 - EXP 12/2/2015
CAL 3 (0.316g/100mL) - LOT# E0615-03 - EXP 12/2/2015
n-Propanol ISTD - LOT# P0915 - 12/18/2015
CTRL 1 (0.04g/100mL) - LOT# FN05011301 - EXP 05/2018
CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018
CTRL 3 (0.20g/100mL) - LOT# FN03211401 - EXP 06/2019

Calibrator and control data located in batch folder 15044

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-BT	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-BT	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
10	Vial 10	QAP0.08 15044 #1	SIMALC3	1	Sample		
11	Vial 11	QAP0.08 15044 #2	SIMALC3	1	Sample		
12	Vial 12	QAP0.08 15044 #3	SIMALC3	1	Sample		
13	Vial 13	QAP0.08 15044 #4	SIMALC3	1	Sample		
14	Vial 14	QAP0.08 15044 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
17	Vial 17	QAP0.10 15045 #1	SIMALC3	1	Sample		
18	Vial 18	QAP0.10 15045 #2	SIMALC3	1	Sample		
19	Vial 19	QAP0.10 15045 #3	SIMALC3	1	Sample		
20	Vial 20	QAP0.10 15045 #4	SIMALC3	1	Sample		
21	Vial 21	QAP0.10 15045 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
24	Vial 24	QAP0.15 15046 #1	SIMALC3	1	Sample		
25	Vial 25	QAP0.15 15046 #2	SIMALC3	1	Sample		
26	Vial 26	QAP0.15 15046 #3	SIMALC3	1	Sample		

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10/22/15

BT

BT

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	QAP0.15 15046 #4	SIMALC3	1	Sample		
28	Vial 28	QAP0.15 15046 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
31	Vial 31	QAP0.20 15047 #1	SIMALC3	1	Sample		
32	Vial 32	QAP0.20 15047 #2	SIMALC3	1	Sample		
33	Vial 33	QAP0.20 15047 #3	SIMALC3	1	Sample		
34	Vial 34	QAP0.20 15047 #4	SIMALC3	1	Sample		
35	Vial 35	QAP0.20 15047 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

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10/22/15

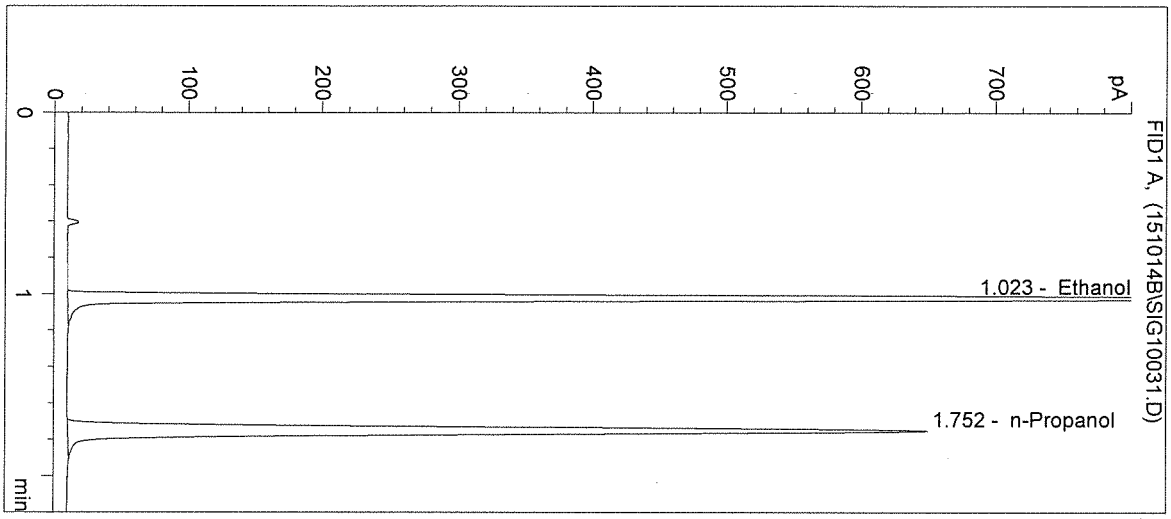
BT

BT

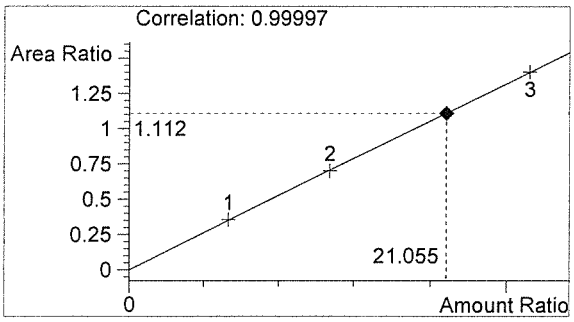
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:45:21 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

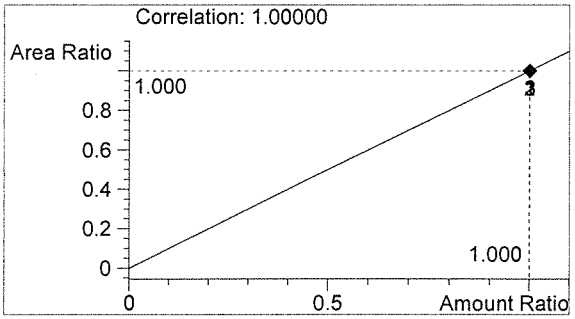
Sample Name: QAP0.20 15047 #1
Operator: Brittany Thomas
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1929	1.023
2	n-Propanol	1735	1.752



Ethanol 0.253 g/100mL



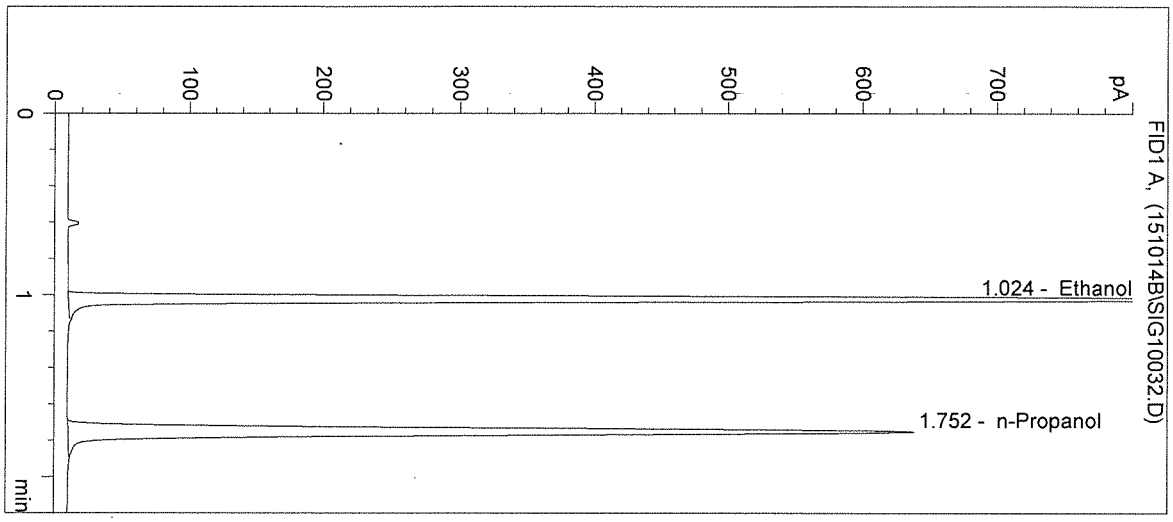
n-Propanol 0.012 g/100mL

BT

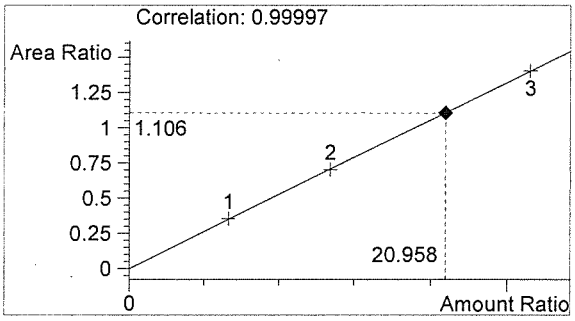
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:48:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

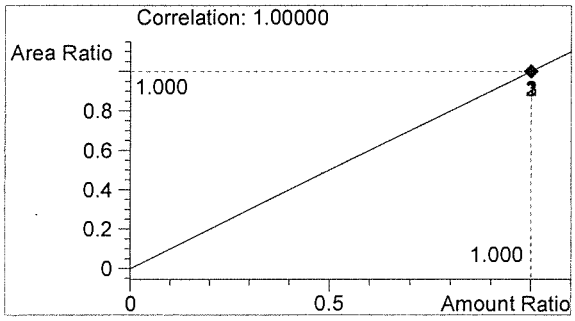
Sample Name: QAP0.20 15047 #2
Operator: Brittany Thomas
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1886	1.024
2	n-Propanol	1705	1.752



Ethanol 0.251 g/100mL



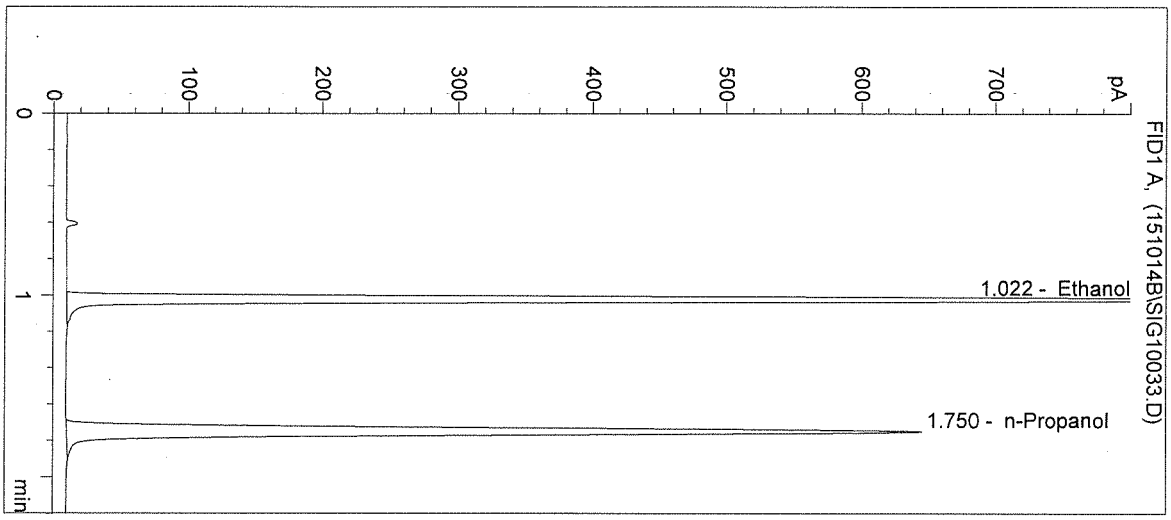
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\151014B\SIG10032.D Page 1 of 1

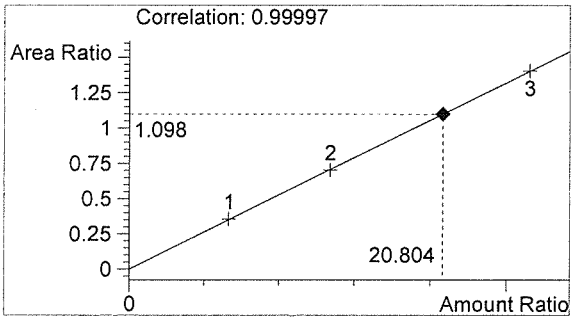
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:51:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

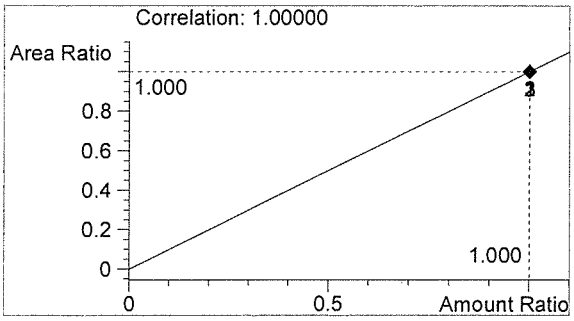
Sample Name: QAP0.20 15047 #3
Operator: Brittany Thomas
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1889	1.022
2	n-Propanol	1720	1.750



Ethanol 0.250 g/100mL



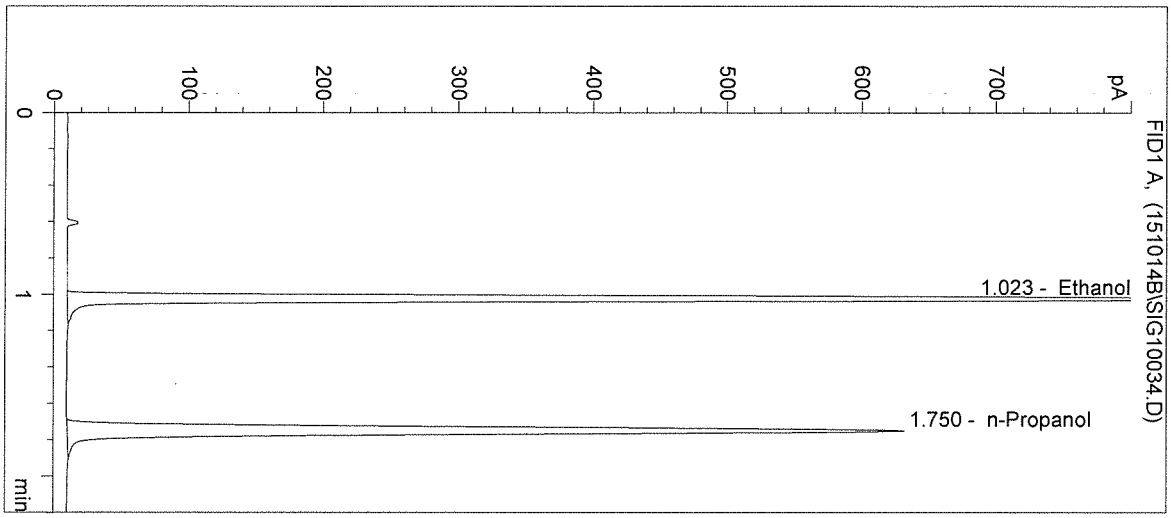
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\151014B\SIG10033.D

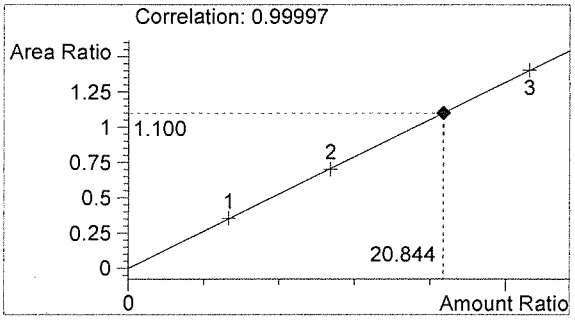
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:55:00 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

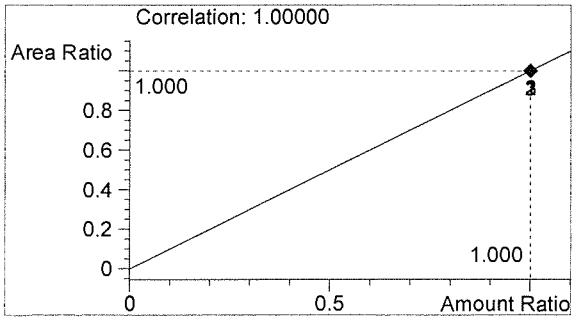
Sample Name: QAP0.20 15047 #4
Operator: Brittany Thomas
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1852	1.023
2	n-Propanol	1683	1.750



Ethanol 0.250 g/100mL



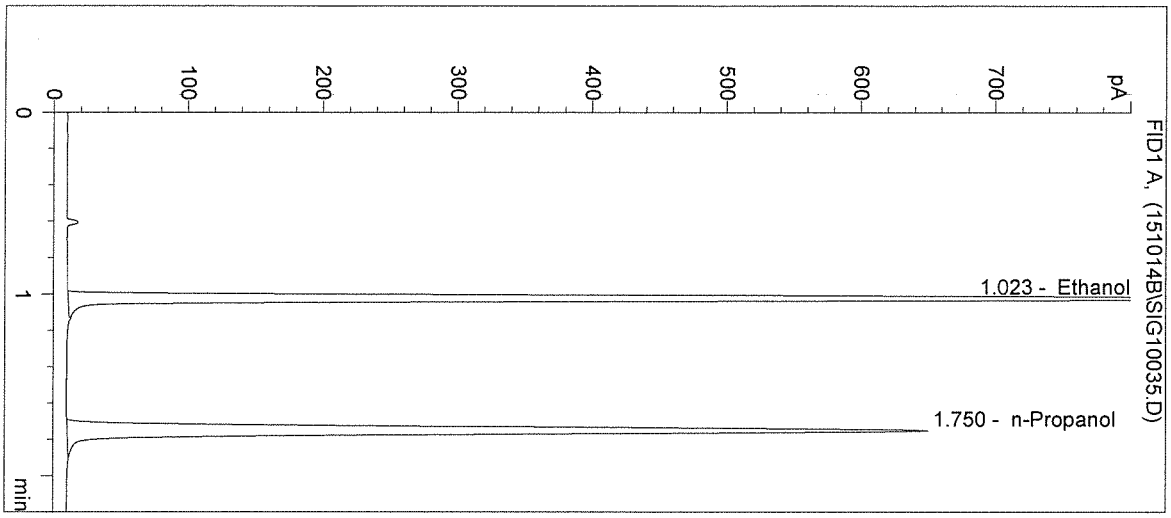
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\151014B\SIG10034.D

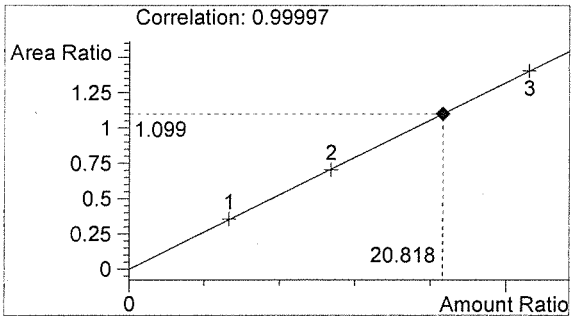
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:58:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

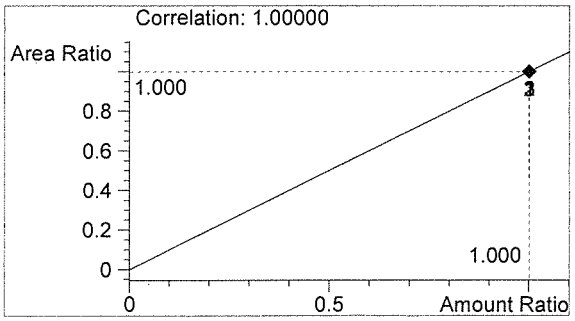
Sample Name: QAP0.20 15047 #5
Operator: Brittany Thomas
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1907	1.023
2	n-Propanol	1735	1.750



Ethanol 0.250 g/100mL



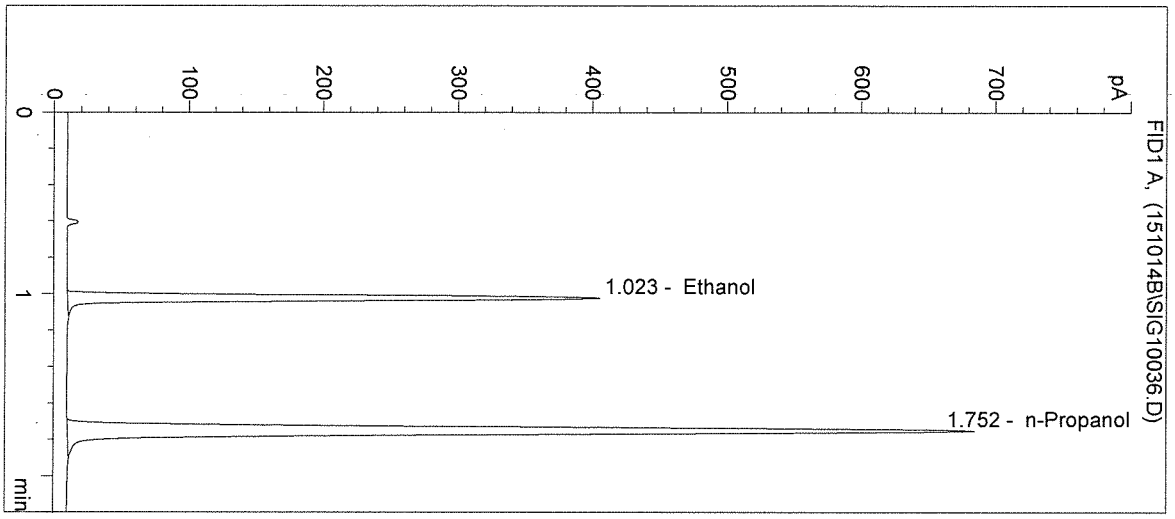
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\151014B\SIG10035.D

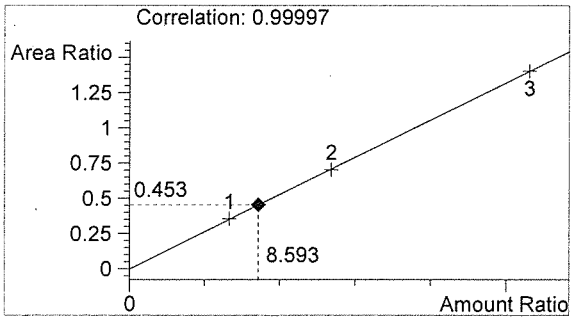
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 3:01:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15047

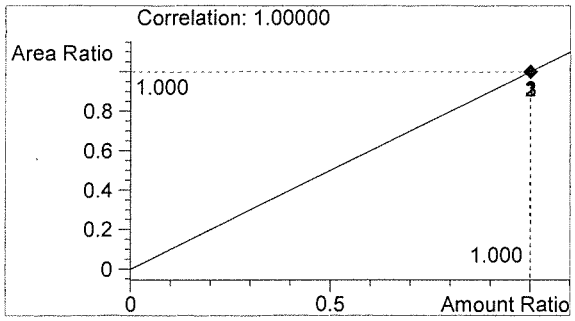
Sample Name: 0.10 CTRL-BT
Operator: Brittany Thomas
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	829	1.023
2	n-Propanol	1829	1.752



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

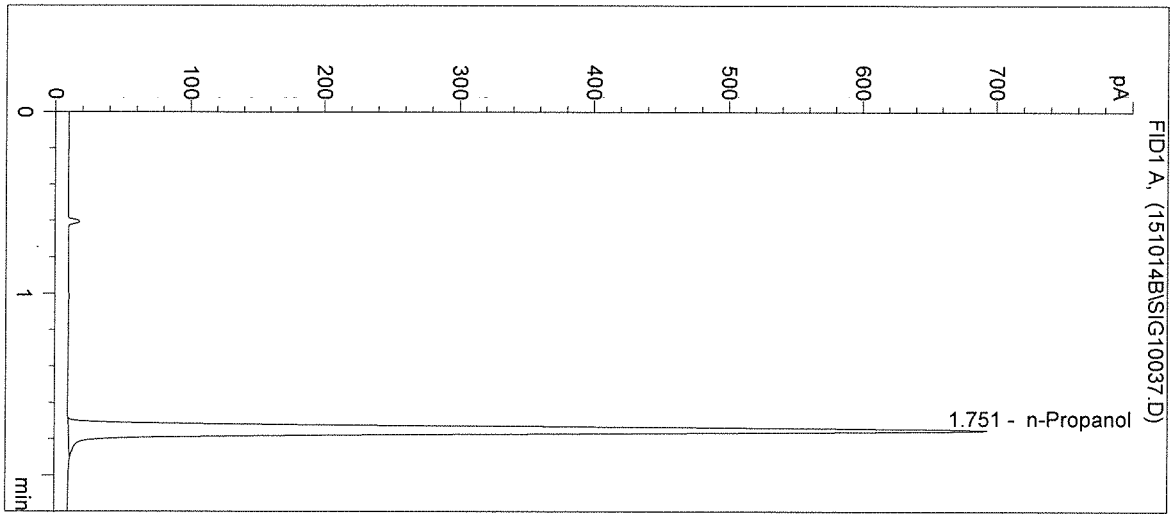
Data File: C:\HPCHEM\2\DATA\151014B\SIG10036.D

BT

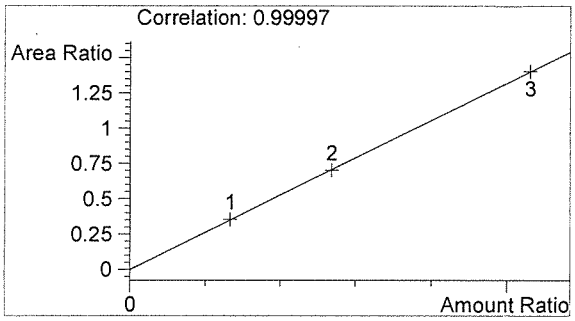
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 3:04:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15047

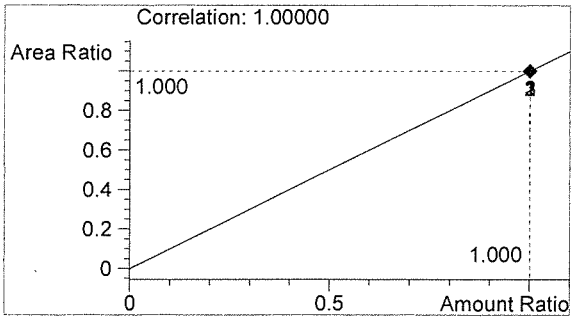
Sample Name: NEG CTRL-BT
Operator: Brittany Thomas
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1851	1.751



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\2\SEQUENCE\LLQAP2.S

Sequence Parameters:

Operator:	Lyndsey Lowe
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	151021L2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

0.079 Cal 1 E0615-01 exp 12/02/2015
0.158 Cal 2 E0615-02 exp 12/02/2015
0.316 Cal 3 E0615-03 exp 12/02/2015

0.04 CTRL 1 FN05011301 exp 05/2018
0.10 CTRL 2 FN08051301 exp 10/2018
0.20 CTRL 3 FN03211401 exp 06/2019

ISTD P0915 exp 12/18/2015

Calibration filed in batch 15046

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC3	1	Sample		
2	Vial 2	Cal 1 0.079	SIMALC3	1	Calib		
3	Vial 3	Cal 2 0.158	SIMALC3	1	Calib		
4	Vial 4	Cal 3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL 1- 0.04	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL 3- 0.20	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15046 #1	SIMALC3	1	Sample		
11	Vial 11	15046 #2	SIMALC3	1	Sample		
12	Vial 12	15046 #3	SIMALC3	1	Sample		
13	Vial 13	15046 #4	SIMALC3	1	Sample		
14	Vial 14	15046 #5	SIMALC3	1	Sample		
15	Vial 15	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15047 #1	SIMALC3	1	Sample		
18	Vial 18	15047 #2	SIMALC3	1	Sample		
19	Vial 19	15047 #3	SIMALC3	1	Sample		
20	Vial 20	15047 #4	SIMALC3	1	Sample		
21	Vial 21	15047 #5	SIMALC3	1	Sample		
22	Vial 22	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		

15047
10/22/15

Sequence: C:\HPCHEM\2\SEQUENCE\LLQAP2.S

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	Cal 1 0.079	SIMALC3	1	Replace	Replace	
3	Vial 3	Cal 2 0.158	SIMALC3	2	Replace	Replace	
4	Vial 4	Cal 3 0.316	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

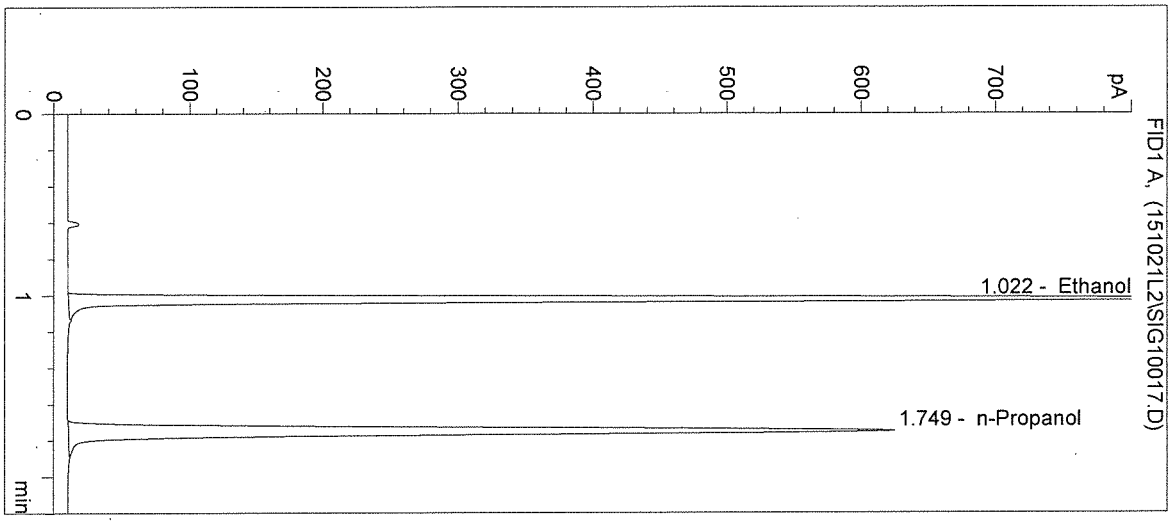
15047

10/27/15

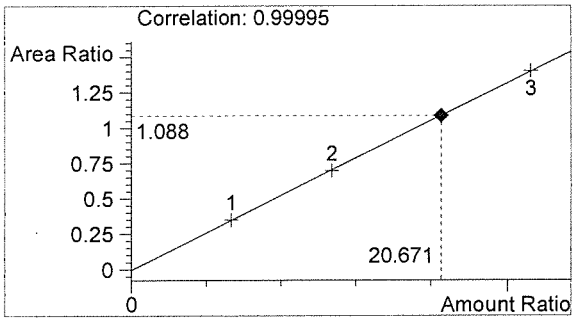
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/21/2015 1:10:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

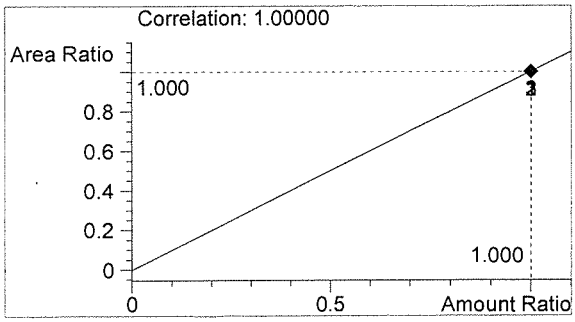
Sample Name: 15047 #1
Operator: Lyndsey Lowe
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1803	1.022
2	n-Propanol	1657	1.749



Ethanol 0.248 g/100mL

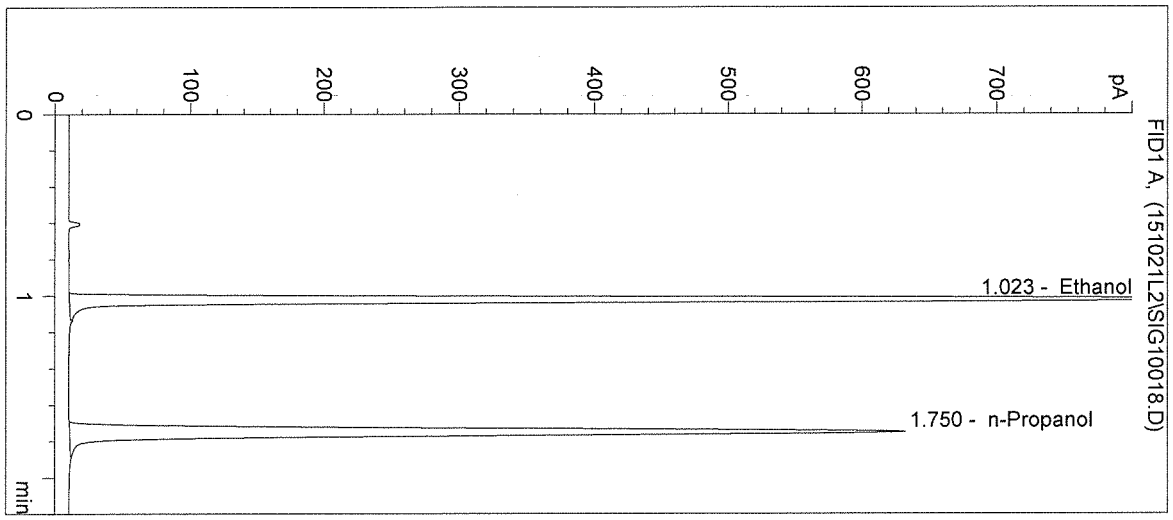


n-Propanol 0.012 g/100mL

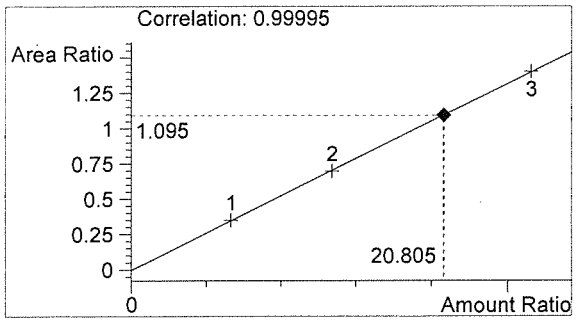
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/21/2015 1:13:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

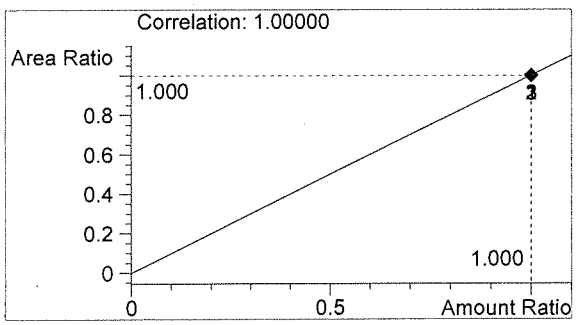
Sample Name: 15047 #2
Operator: Lyndsey Lowe
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1837	1.023
2	n-Propanol	1677	1.750



Ethanol 0.250 g/100mL

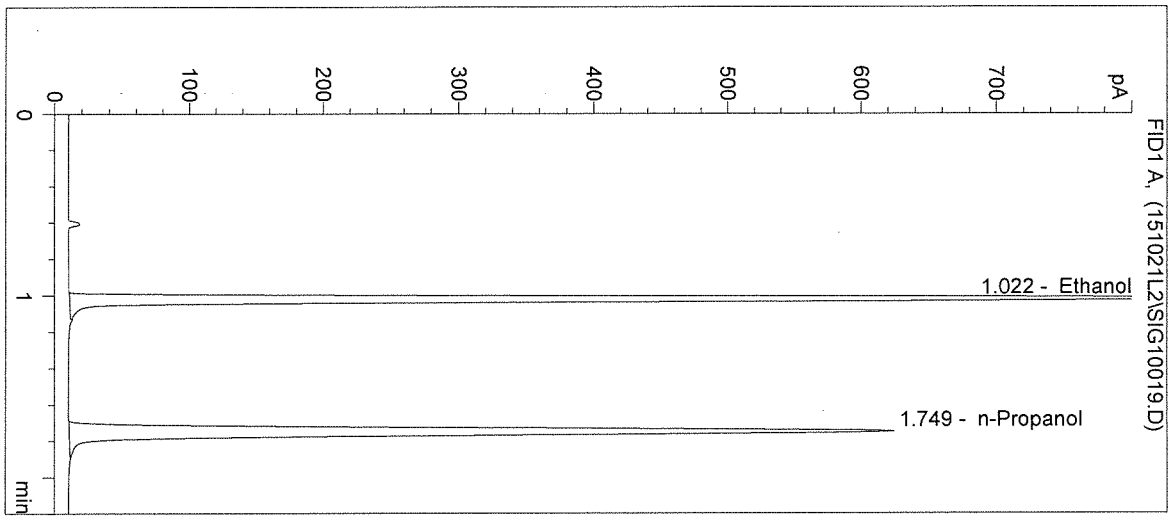


n-Propanol 0.012 g/100mL

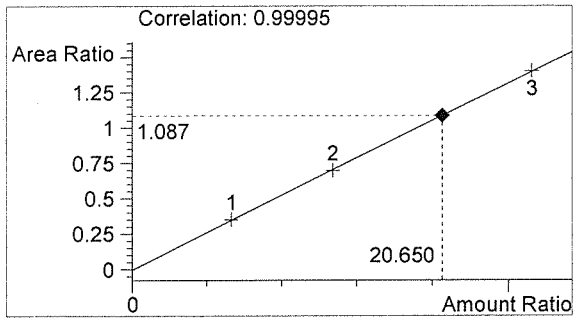
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/21/2015 1:17:00 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

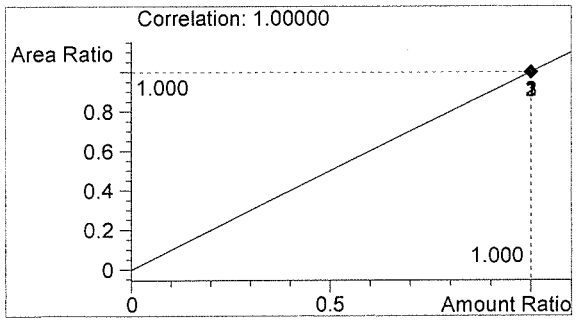
Sample Name: 15047 #3
Operator: Lyndsey Lowe
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1806	1.022
2	n-Propanol	1661	1.749



Ethanol 0.248 g/100mL



n-Propanol 0.012 g/100mL

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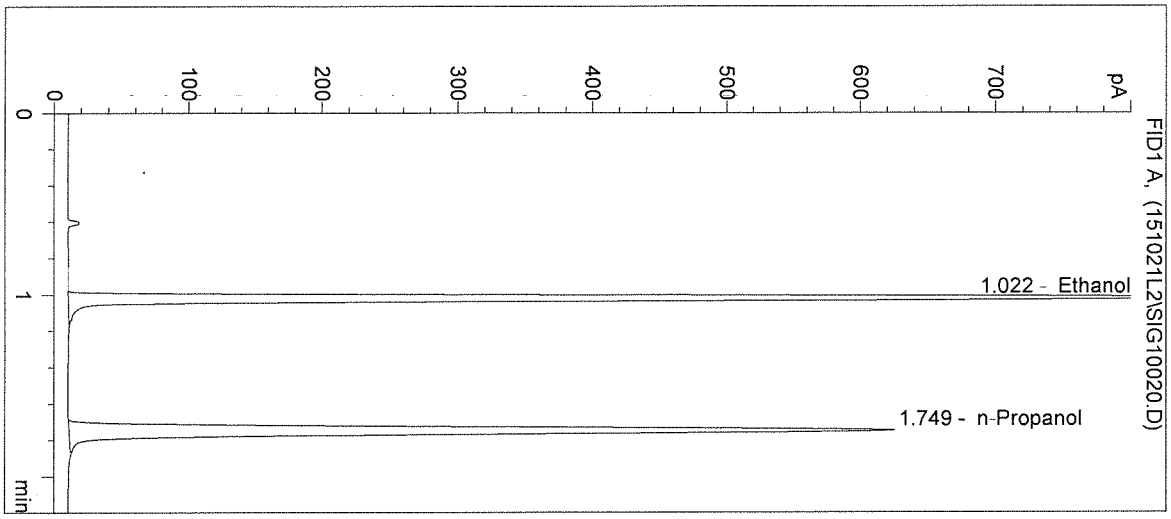
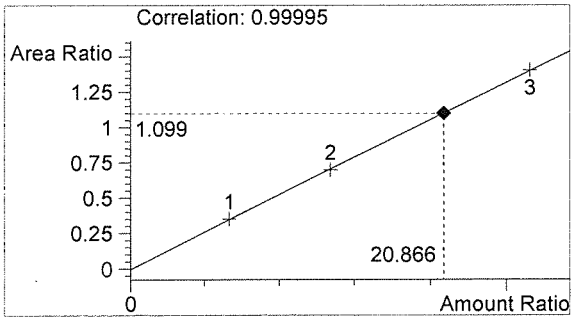
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/21/2015 1:20:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

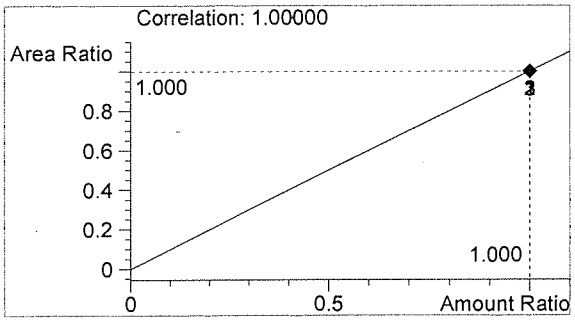
Sample Name: 15047 #4
Operator: Lyndsey Lowe
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1813	1.022
2	n-Propanol	1651	1.749



Ethanol 0.250 g/100mL



n-Propanol 0.012 g/100mL

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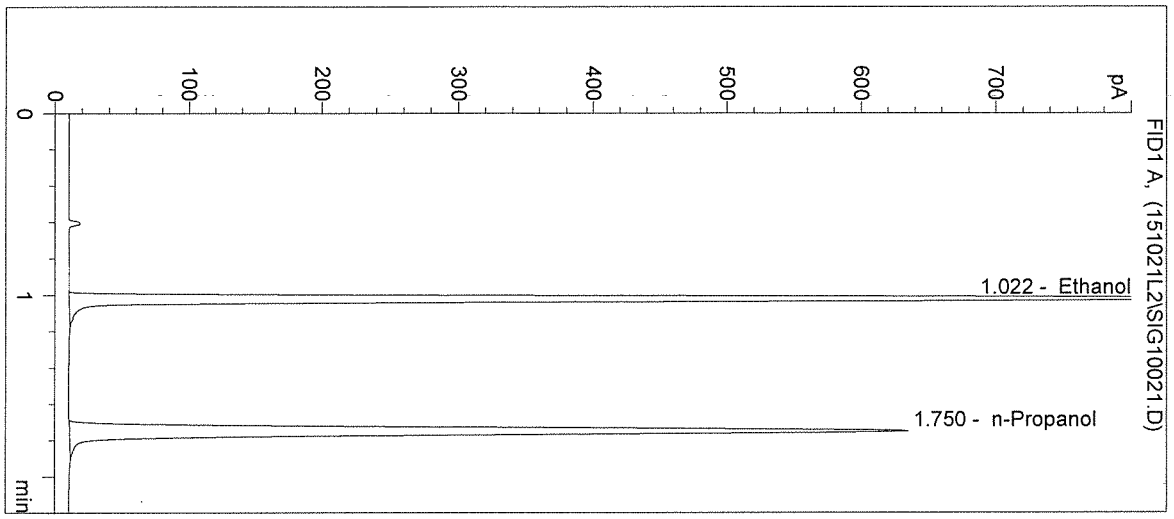
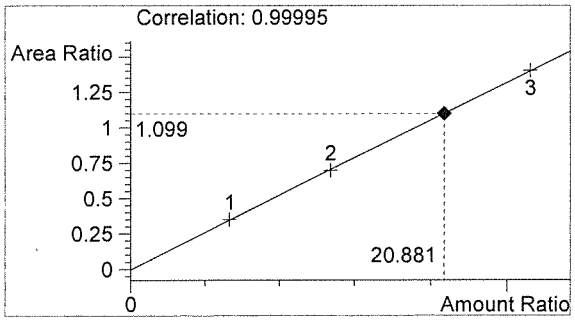
Inj. Date: 10/21/2015 1:23:29 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

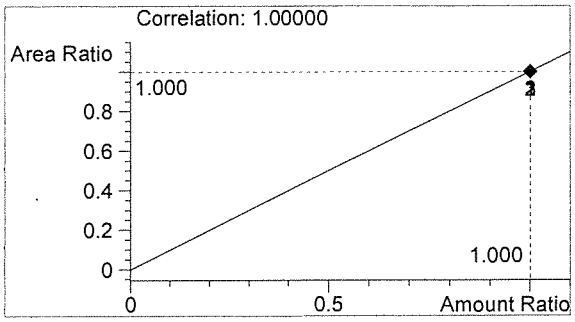
Sample Name: 15047 #5
Operator: Lyndsey Lowe
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1860	1.022
2	n-Propanol	1692	1.750



Ethanol 0.251 g/100mL



n-Propanol 0.012 g/100mL

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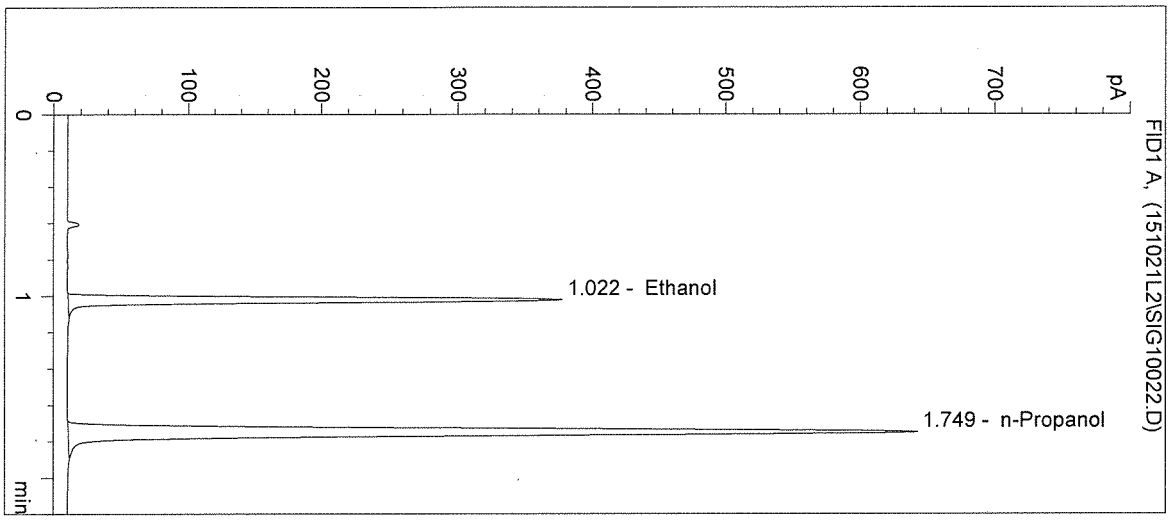
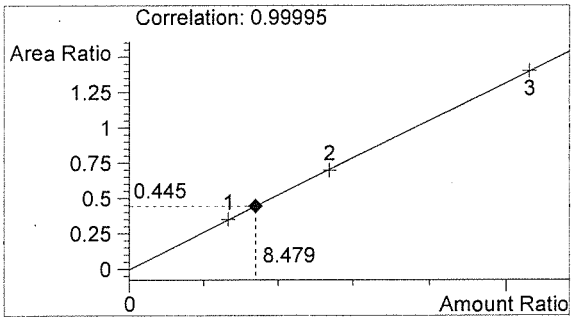
Inj. Date: 10/21/2015 1:26:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15047

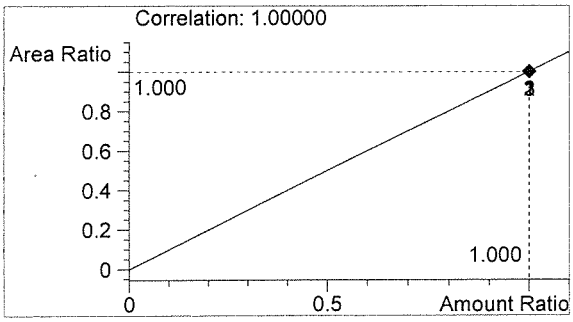
Sample Name: CTRL 2- 0.10
Operator: Lyndsey Lowe
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	761	1.022
2	n-Propanol	1710	1.749



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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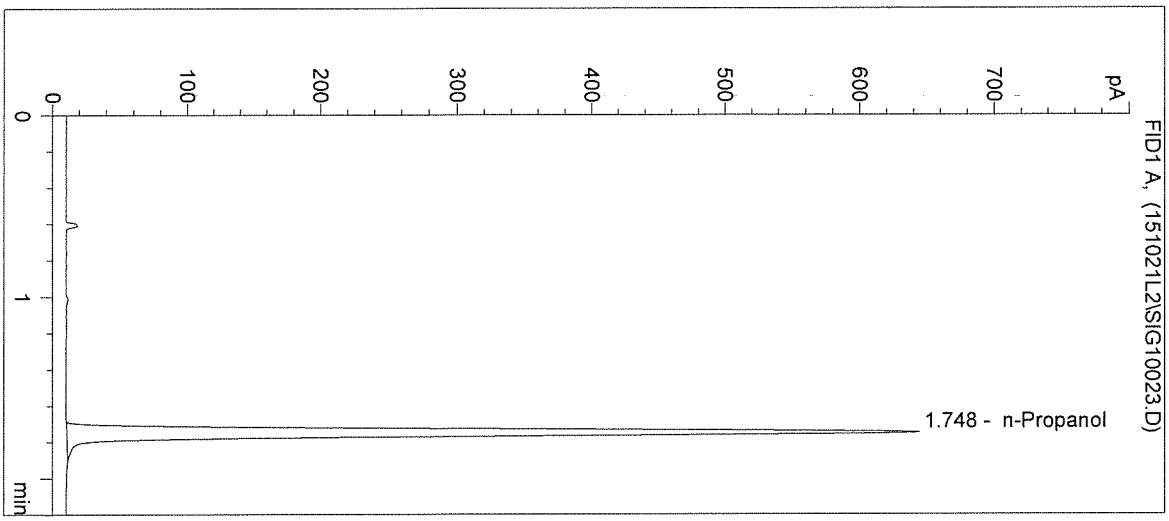
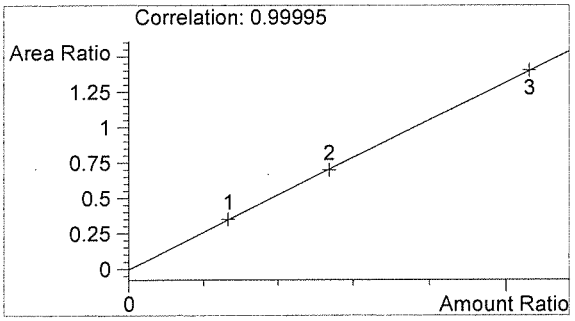
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/21/2015 1:29:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15047

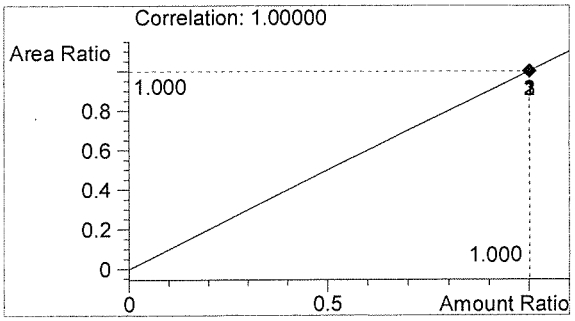
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1708	1.748



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\151021L2\SIG10023.D