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

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

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 12057

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

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

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.15 g/210L
DATE PREPARED: 11/26/2012
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Brianne E. O'Reilly

	BEO	BP	LN
1	0.184	0.187	0.190
2	0.186	0.189	0.186
3	0.185	0.188	0.186
4	0.191	0.188	0.185
5	0.188	0.189	0.186
C	0.100	0.103	0.103

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1872 g/100mL
STANDARD DEVIATION: 0.00201
PRECISION CV (%): 1.07
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1522 g/210L**
COMBINED STANDARD UNCERTAINTY: ± 0.0022 (k=1, 68% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5
Melissa L. Pemberton Forensic Scientist Supervisor

12-12-2012
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BEO	Brianne O'Reilly	Brianne O'Reilly	11/26/2012
BP	Brianna Peterson	Brianna Peterson	11/28/2012
LN	Lisa Noble	Lisa Noble	12/06/2012

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

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

QAP Solution Batch #: 12057 **Date Prepared:** 11/26/2012

Analyst:	BEO	BP	LN
Date Tested:	11/26/2012	11/28/2012	12/6/2012
Instrument:	HS#3	HS#3	HS#3
1	0.184	0.187	0.190
2	0.186	0.189	0.186
3	0.185	0.188	0.186
4	0.191	0.188	0.185
5	0.188	0.189	0.186
C	0.100	0.103	0.103

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000076639	0.0000961169	0.0001016326

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

Average Solution Concentration: 0.1872 g/100mL
Standard Deviation: 0.00201 g/100mL
Precision CV (%): 1.07
Equivalent Vapor Concentration: 0.1522 g/210L
Combined Standard Uncertainty (±): 0.0022 g/210L

Calculations performed by: Melissa L. Pemberton [signature] 12.17.12
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 12-12-2012 Method: Hand calculation
Name Signature Date

Tech. review performed by: Melissa L. Pemberton [signature] 12.11.12
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 12-12-2012

Location: WSP- FLSB Seattle, WA Solution Batch Number: 12057

	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: 12-12-2012

Reviewer Signature: N/A AB 12-12-12 Date:

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Black		
Asa Louis		
Brian Capron		
Brianna Peterson	BP	12/10/12
Brianne O'Reilly	BW	12.10.12
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston		
Dawn Sklerov		
Justin Knoy		
Lisa Noble	ln	12/10/12
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 12057

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.15 QAP SOLUTION CERTIFICATION FOR LOT 12057

I, Brianne E. O'Reilly, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology and MS degree in Veterinary Medical Sciences.

The qap solution, Lot Number 12057, was prepared in the Washington State Toxicology Laboratory on 11/26/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/26/2013.

Seattle, WA

Brianne E O'Reilly 12·10·12

Brianne E. O'Reilly Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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

DATAMASTER 0.15 QAP SOLUTION CERTIFICATION FOR LOT 12057

I, Brianna Peterson, 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 Chemistry, MS degree in Forensic Science, and Ph.D. degree in Toxicology.

The qap solution, Lot Number 12057, was prepared in the Washington State Toxicology Laboratory on 11/26/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/26/2013.

Seattle, WA

Brianna Peterson 12/10/12

Brianna Peterson Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.15 QAP SOLUTION CERTIFICATION FOR LOT 12057

I, Lisa Noble, 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 Biochemistry and six years laboratory experience in forensic toxicology.

The qap solution, Lot Number 12057, was prepared in the Washington State Toxicology Laboratory on 11/26/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/26/2013.

Seattle, WA

Lisa Noble 12/10/12

Lisa Noble 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: 11/26/2012 Initials of Preparer: BCO

Expiration Date: 11/26/2013

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

Date the 200-proof Ethanol bottle was opened: 10/11/2012

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	☑	12054
QAP 0.08	22.4	18	☑	12055
QAP 0.10	28.1	18	☑	12056
QAP 0.15	42.0	18	☑	12057
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	☑	11·26·2012 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: Bottle of 200 proof ethanol used in Batch 12057 opened on 11·26·2012. Lot # 2AJ0691. BCO 11·26·12

Brian C O'Reilly
Analyst Signature

11·26·12
Date

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

Sequence Parameters:

Operator:	Brianne E. O'Reilly
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:	121126BO
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 - Lot: E0912-01 - exp 3/6/2013
Cal 2 - Lot: E0912-02 - exp 3/6/2013
Cal 3 - Lot: E0912-03 - exp 3/6/2013
CTRL 1: 0.04 g/100 mL - Lot # A077459 - exp 02/2015
CTRL 2: 0.10 g/100 mL - Lot # A083355 - exp 12/2015
CTRL 3: 0.20 g/100 mL - Lot # A084657 - exp 02/2016
n-Propanol ISTD - Lot: P1012 - exp: 1/22/2013

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 - BO	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04) BO	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10) BO	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20) BO	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BO	SIMALC3	1	Ctrl Samp		
10	Vial 10	QAP 12054 #1	SIMALC3	1	Sample		
11	Vial 11	QAP 12054 #2	SIMALC3	1	Sample		
12	Vial 12	QAP 12054 #3	SIMALC3	1	Sample		
13	Vial 13	QAP 12054 #4	SIMALC3	1	Sample		
14	Vial 14	QAP 12054 #5	SIMALC3	1	Sample		
15	Vial 15	CTRL 2 (0.10) BO	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BO	SIMALC3	1	Ctrl Samp		
17	Vial 17	QAP 12055 #1	SIMALC3	1	Sample		
18	Vial 18	QAP 12055 #2	SIMALC3	1	Sample		
19	Vial 19	QAP 12055 #3	SIMALC3	1	Sample		
20	Vial 20	QAP 12055 #4	SIMALC3	1	Sample		
21	Vial 21	QAP 12055 #5	SIMALC3	1	Sample		
22	Vial 22	CTRL 2 (0.10) BO	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL - BO	SIMALC3	1	Ctrl Samp		
24	Vial 24	QAP 12056 #1	SIMALC3	1	Sample		
25	Vial 25	QAP 12056 #2	SIMALC3	1	Sample		
26	Vial 26	QAP 12056 #3	SIMALC3	1	Sample		
27	Vial 27	QAP 12056 #4	SIMALC3	1	Sample		
28	Vial 28	QAP 12056 #5	SIMALC3	1	Sample		

12057

BW

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
29	Vial 29	CTRL 2 (0.10) BO	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL - BO	SIMALC3	1	Ctrl Samp		
31	Vial 31	QAP 12057 #1	SIMALC3	1	Sample		
32	Vial 32	QAP 12057 #2	SIMALC3	1	Sample		
33	Vial 33	QAP 12057 #3	SIMALC3	1	Sample		
34	Vial 34	QAP 12057 #4	SIMALC3	1	Sample		
35	Vial 35	QAP 12057 #5	SIMALC3	1	Sample		
36	Vial 36	CTRL 2 (0.10) BO	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL - BO	SIMALC3	1	Ctrl Samp		

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!

12057

BW

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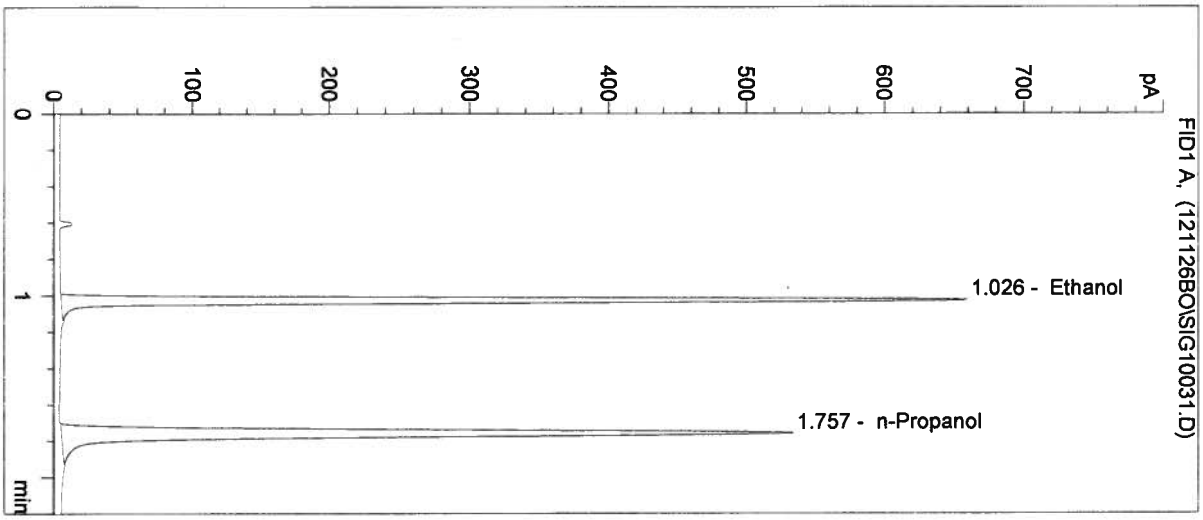
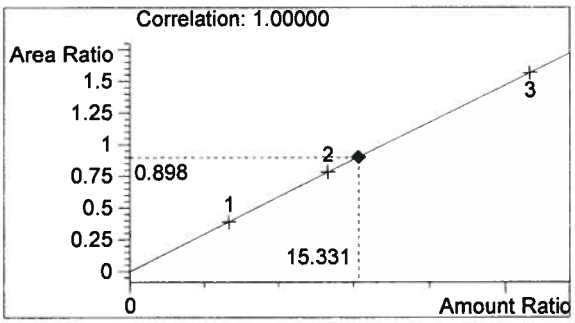
Inj. Date: 11/26/2012 12:03:38 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

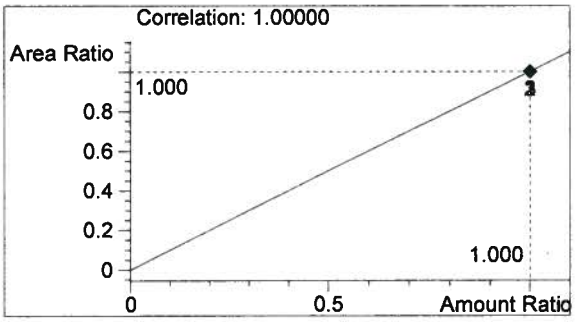
Sample Name: QAP 12057 #1
Operator: Brianne E. O'Reilly
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1304	1.026
2	n-Propanol	1451	1.757



Ethanol 0.184 g/100mL



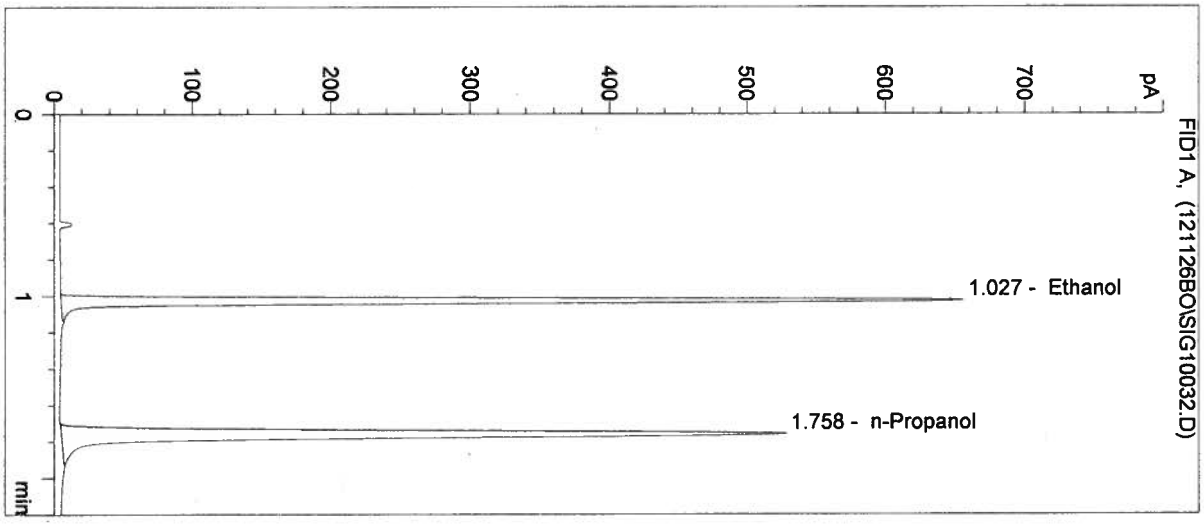
n-Propanol 0.012 g/100mL

BW

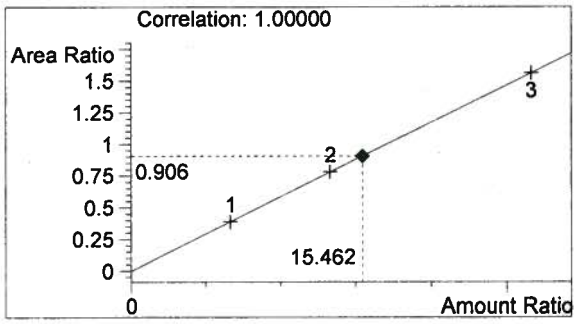
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2012 12:06:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

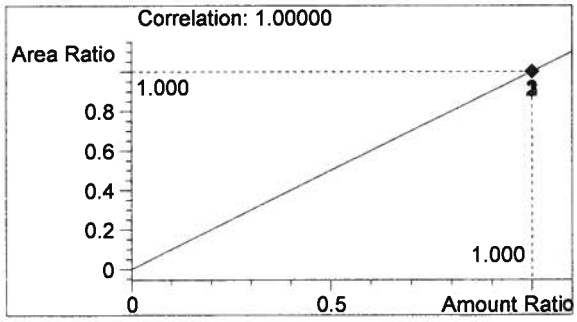
Sample Name: QAP 12057 #2
Operator: Brianne E. O'Reilly
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1300	1.027
2	n-Propanol	1434	1.758



Ethanol 0.186 g/100mL



n-Propanol 0.012 g/100mL

BWO

Washington State Patrol Toxicology Laboratory
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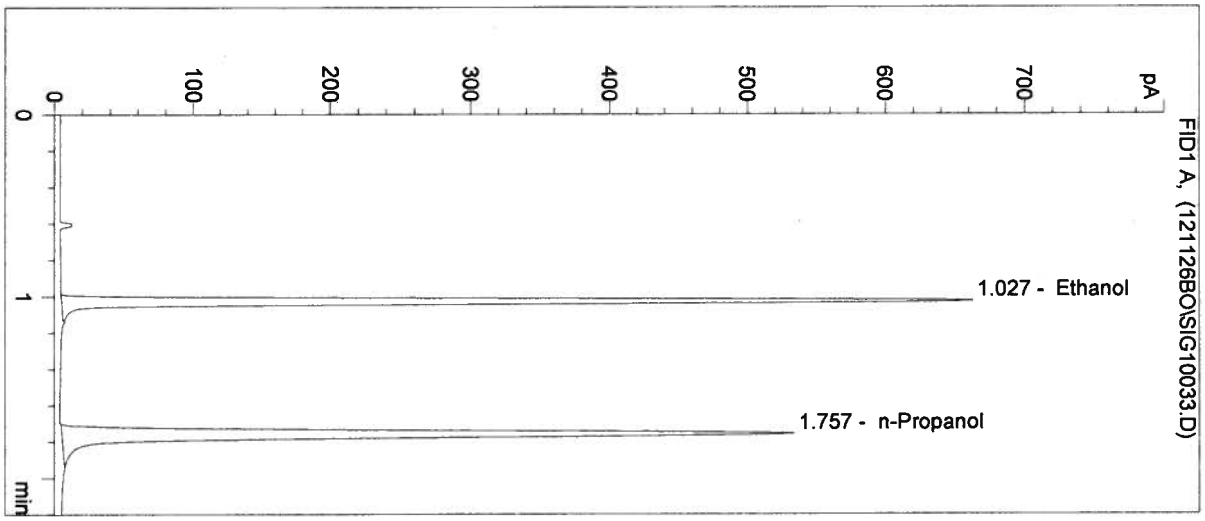
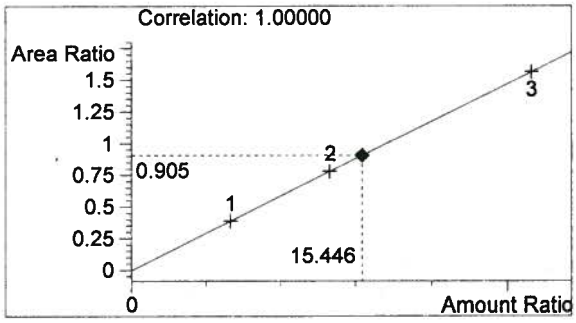
Inj. Date: 11/26/2012 12:09:53 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

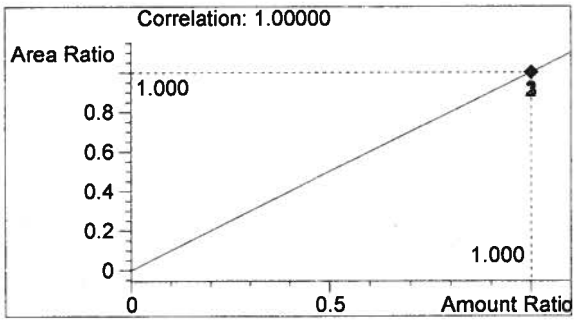
Sample Name: QAP 12057 #3
Operator: Brianne E. O'Reilly
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1311	1.027
2	n-Propanol	1449	1.757



Ethanol 0.185 g/100mL



n-Propanol 0.012 g/100mL

BW

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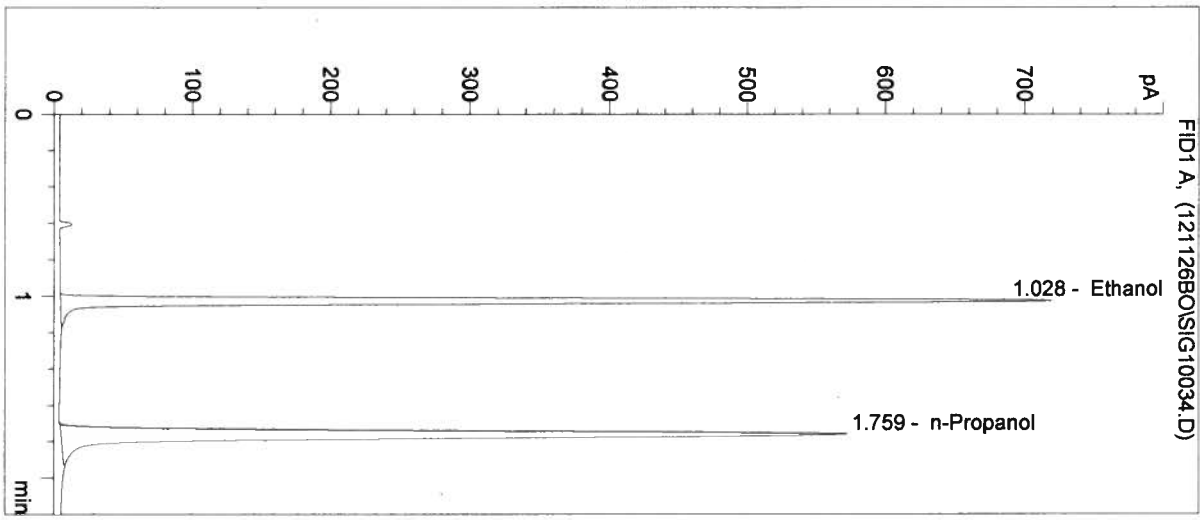
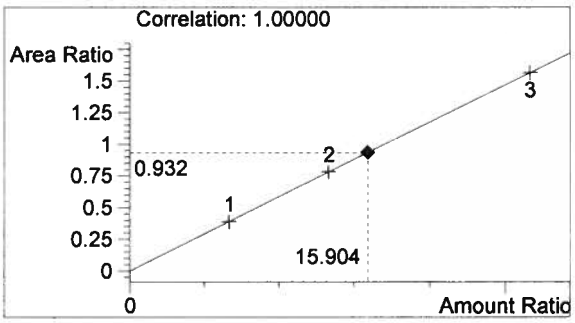
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2012 12:13:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

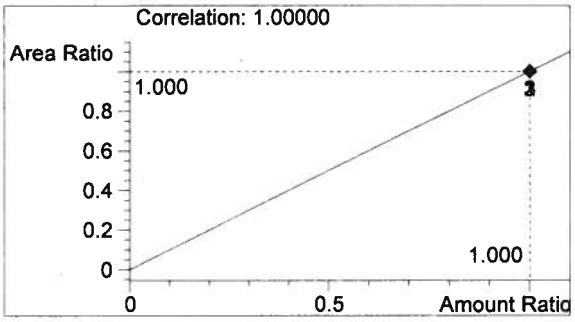
Sample Name: QAP 12057 #4
Operator: Brianne E. O'Reilly
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1447	1.028
2	n-Propanol	1553	1.759



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

BWO

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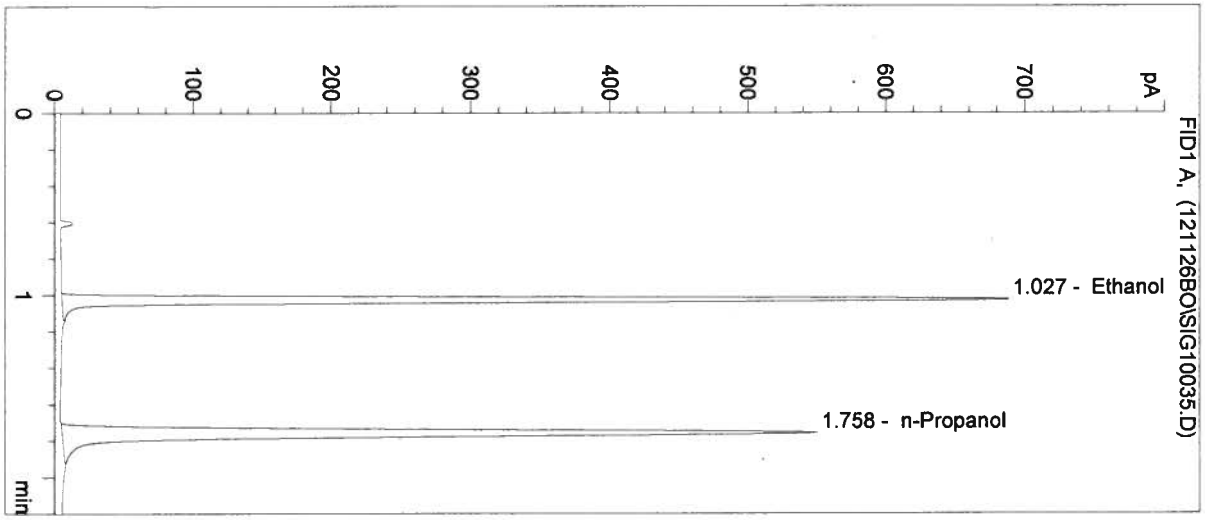
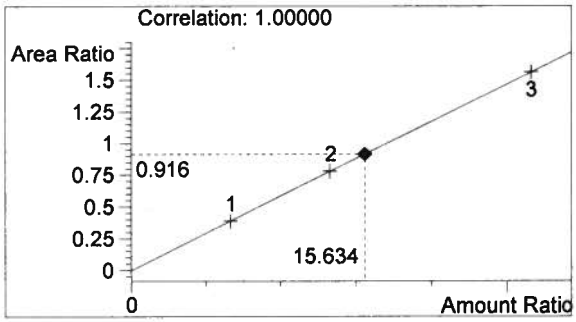
Inj. Date: 11/26/2012 12:16:08 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

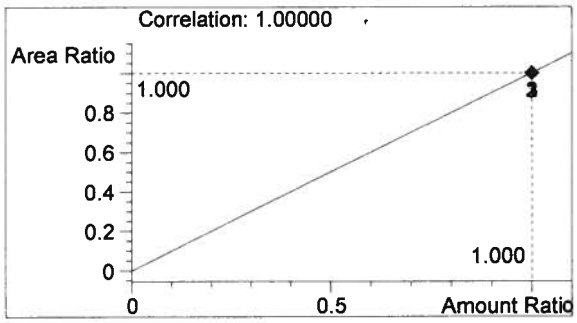
Sample Name: QAP 12057 #5
Operator: Brianne E. O'Reilly
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1367	1.027
2	n-Propanol	1492	1.758



Ethanol 0.188 g/100mL



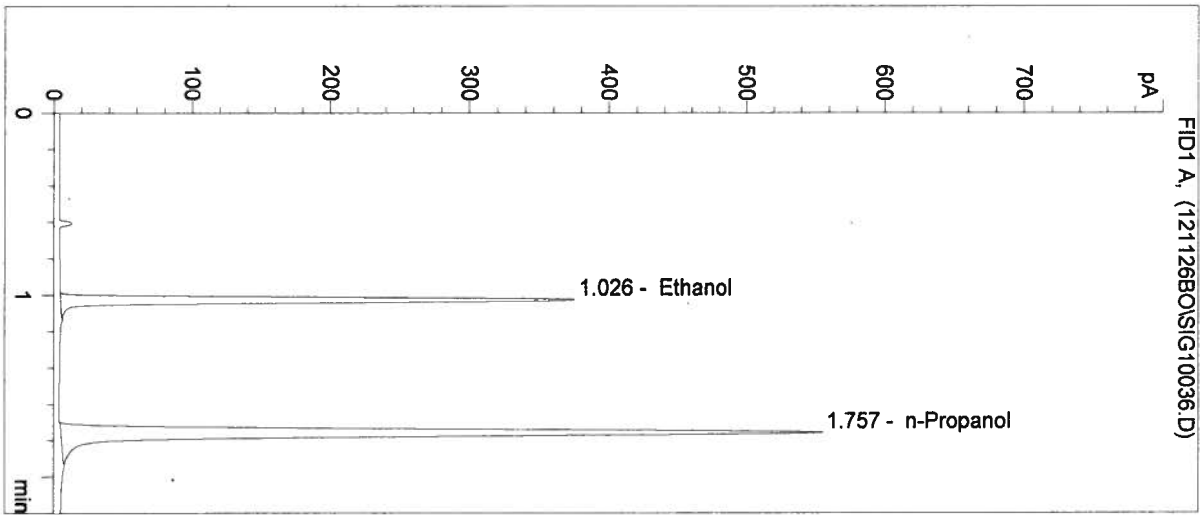
n-Propanol 0.012 g/100mL

BW

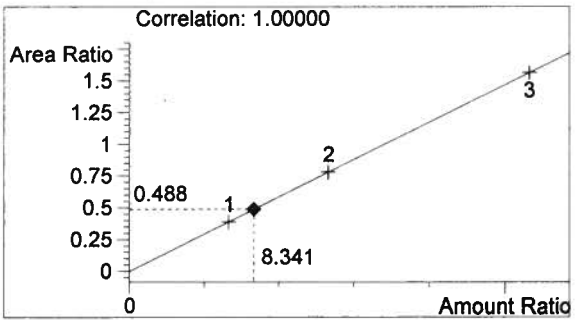
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2012 12:19:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100 mL

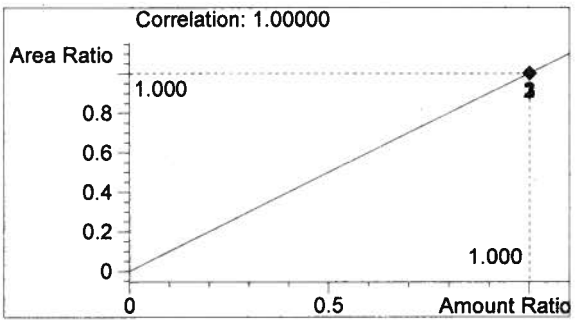
Sample Name: CTRL 2 (0.10) BO
Operator: Brianne E. O'Reilly
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	735	1.026
2	n-Propanol	1507	1.757



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

12057

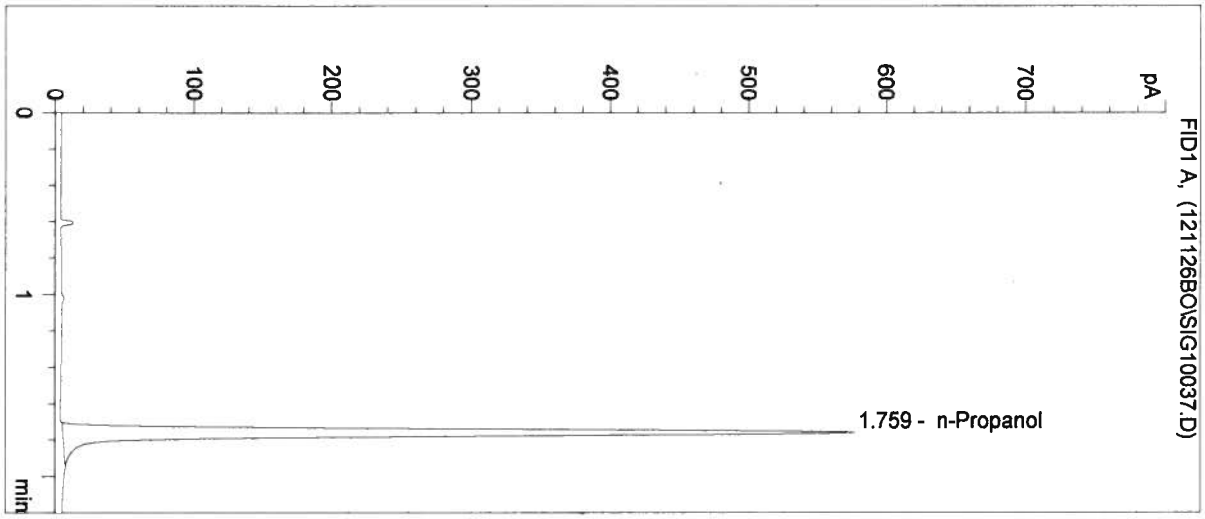
Data File: C:\HPCHEM\2\DATA\121126BO\SIG10036.D

BW

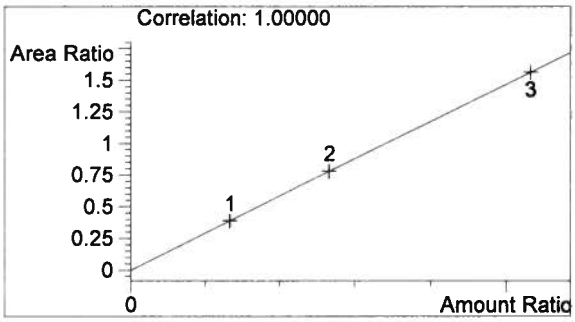
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2012 12:22:23 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

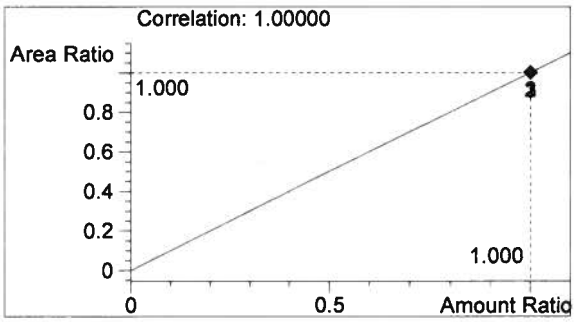
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1564	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12057

BW

Sequence: C:\HPCHEM\1\SEQUENCE\BPQA3.S

Sequence Parameters:

Operator:	Brianna Peterson
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:	121128BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control Lot#A077459 - exp 02/2015
0.10 control Lot#A083355 - exp 12/2015
0.20 control Lot#A084657 - exp 02/2016
Internal Standard Lot#P1012 - exp 01/22/13
CAL 1 - 0.079 g/100 mL - Lot#E0912-01 - exp 3/6/13
CAL 2 - 0.158 g/100 mL - Lot#E0912-02 - exp 3/6/13
CAL 3 - 0.316 g/100 mL - Lot#E0912-03 - exp 3/6/13

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 BP	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BP	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BP	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BP	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL BP	SIMALC3	1	Ctrl Samp		
10	Vial 10	QA12054-1	SIMALC3	1	Sample		
11	Vial 11	QA12054-2	SIMALC3	1	Sample		
12	Vial 12	QA12054-3	SIMALC3	1	Sample		
13	Vial 13	QA12054-4	SIMALC3	1	Sample		
14	Vial 14	QA12054-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL BP	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL BP	SIMALC3	1	Ctrl Samp		
17	Vial 17	QA12055-1	SIMALC3	1	Sample		
18	Vial 18	QA12055-2	SIMALC3	1	Sample		
19	Vial 19	QA12055-3	SIMALC3	1	Sample		
20	Vial 20	QA12055-4	SIMALC3	1	Sample		
21	Vial 21	QA12055-5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL BP	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL BP	SIMALC3	1	Ctrl Samp		
24	Vial 24	QA12056-1	SIMALC3	1	Sample		
25	Vial 25	QA12056-2	SIMALC3	1	Sample		
26	Vial 26	QA12056-3	SIMALC3	1	Sample		
27	Vial 27	QA12056-4	SIMALC3	1	Sample		
28	Vial 28	QA12056-5	SIMALC3	1	Sample		

12057

BP

Sequence: C:\HPCHEM\1\SEQUENCE\BPQA3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
29	Vial 29	0.10 CTRL BP	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL BP	SIMALC3	1	Ctrl Samp		
31	Vial 31	QA12057-1	SIMALC3	1	Sample		
32	Vial 32	QA12057-2	SIMALC3	1	Sample		
33	Vial 33	QA12057-3	SIMALC3	1	Sample		
34	Vial 34	QA12057-4	SIMALC3	1	Sample		
35	Vial 35	QA12057-5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL BP	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL BP	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!

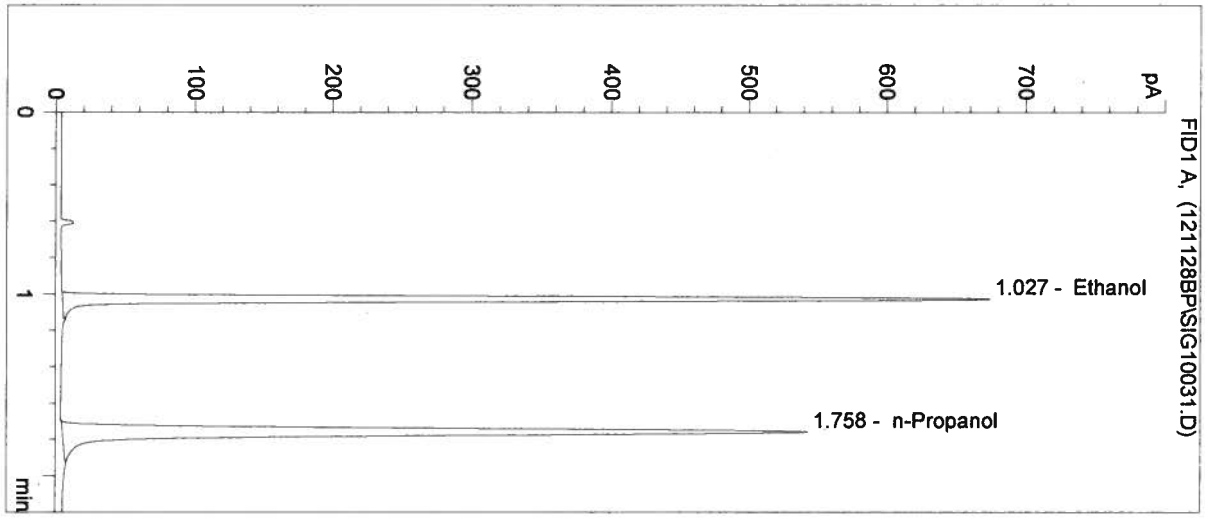
12057

BP

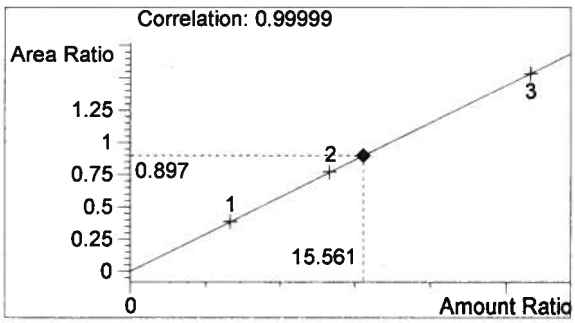
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/28/2012 12:33:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

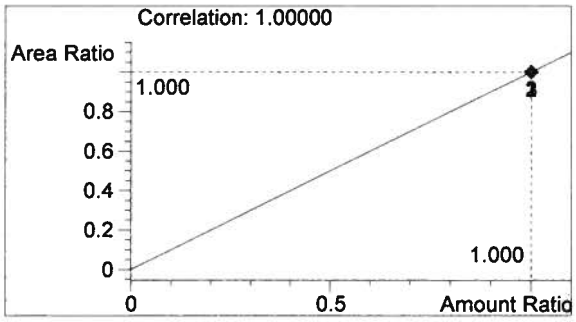
Sample Name: QA12057-1
Operator: Brianna Peterson
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1320	1.027
2	n-Propanol	1472	1.758



Ethanol 0.187 g/100mL



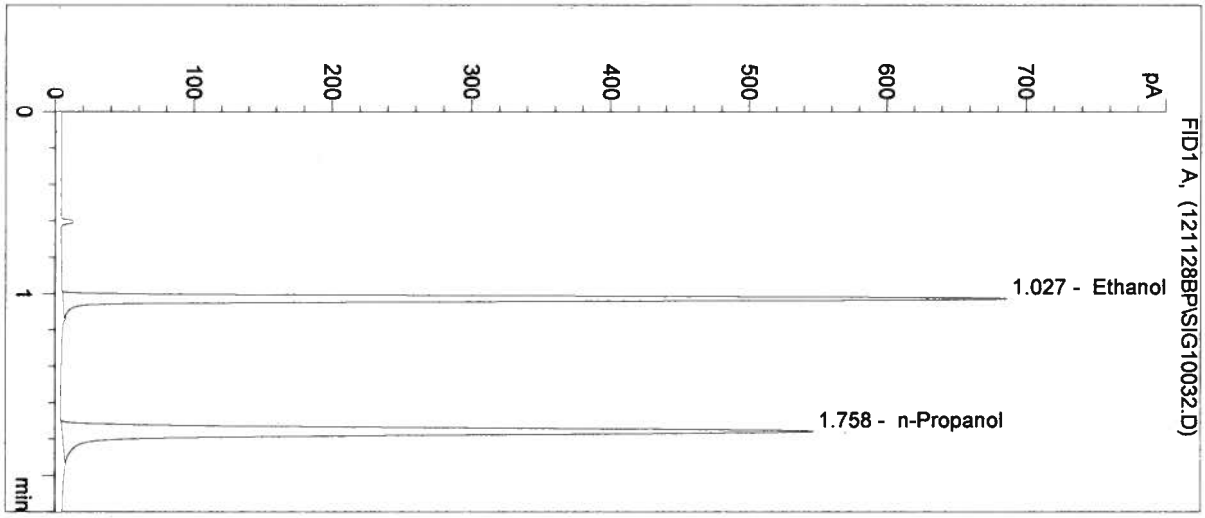
n-Propanol 0.012 g/100mL

BP

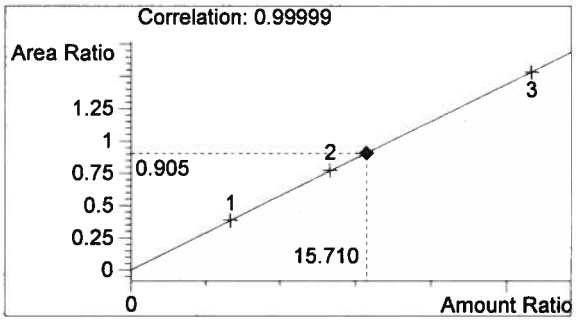
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/28/2012 12:36:38 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

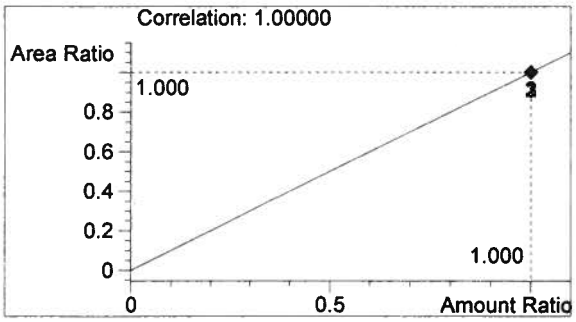
Sample Name: QA12057-2
Operator: Brianna Peterson
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1350	1.027
2	n-Propanol	1490	1.758



Ethanol 0.189 g/100mL



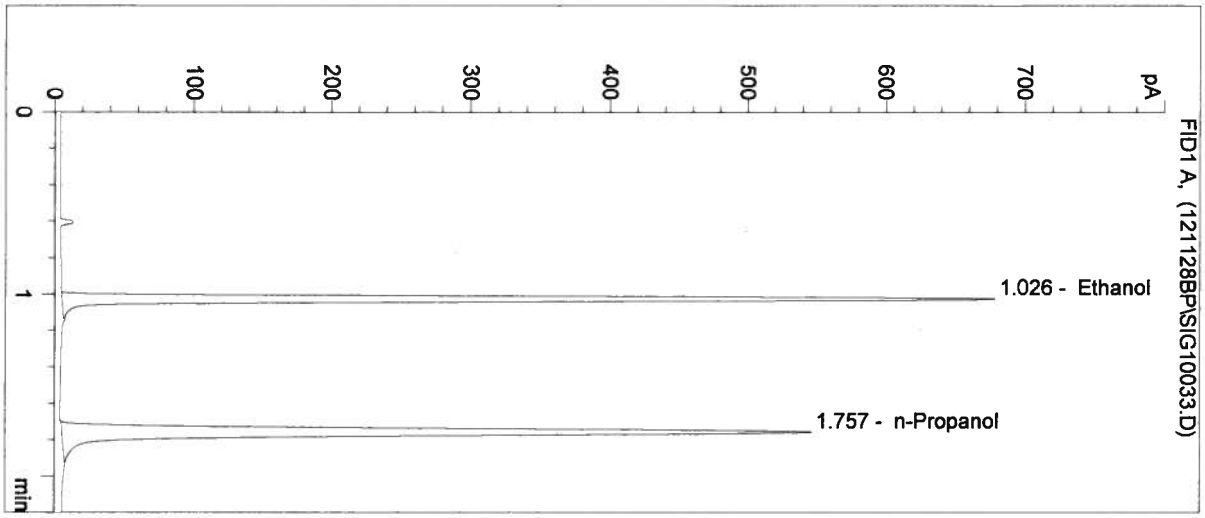
n-Propanol 0.012 g/100mL

BP

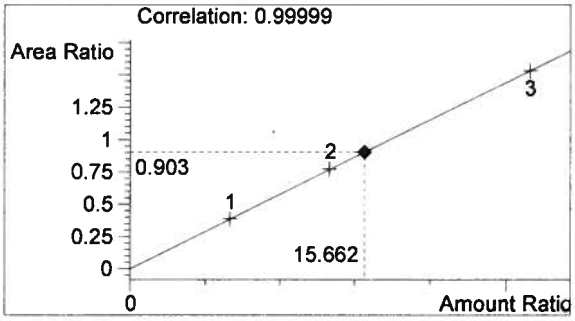
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/28/2012 12:39:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

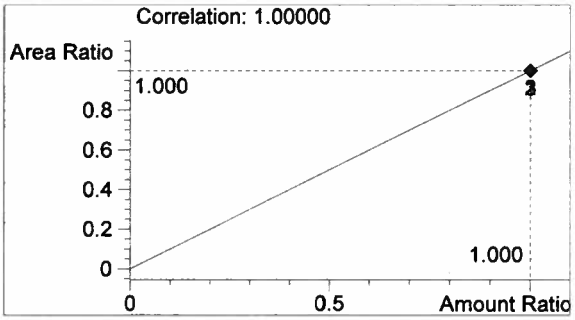
Sample Name: QA12057-3
Operator: Brianna Peterson
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1340	1.026
2	n-Propanol	1485	1.757



Ethanol 0.188 g/100mL



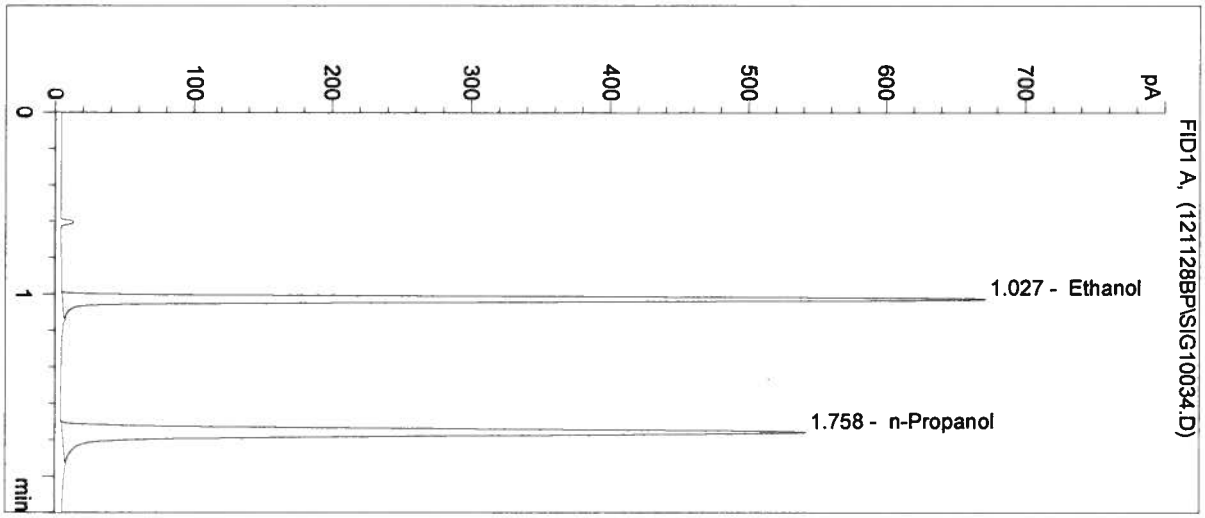
n-Propanol 0.012 g/100mL

BS

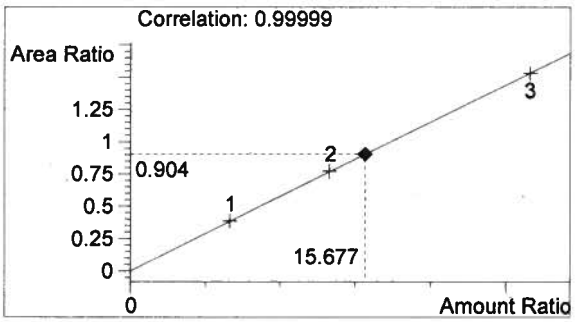
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/28/2012 12:42:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

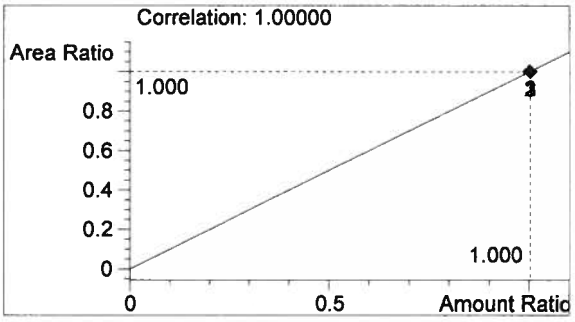
Sample Name: QA12057-4
Operator: Brianna Peterson
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1329	1.027
2	n-Propanol	1471	1.758



Ethanol 0.188 g/100mL



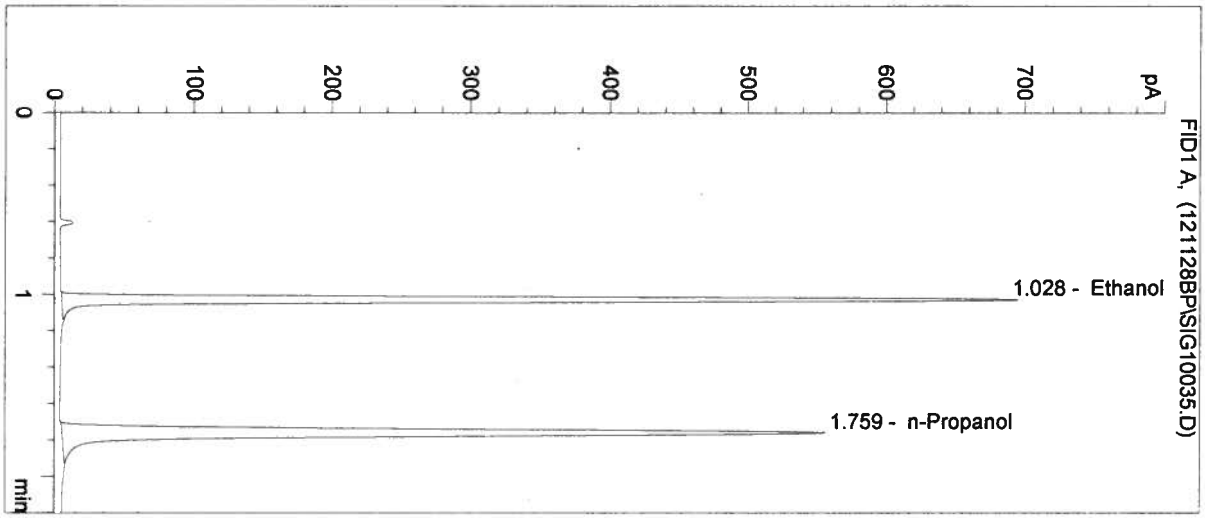
n-Propanol 0.012 g/100mL

BP

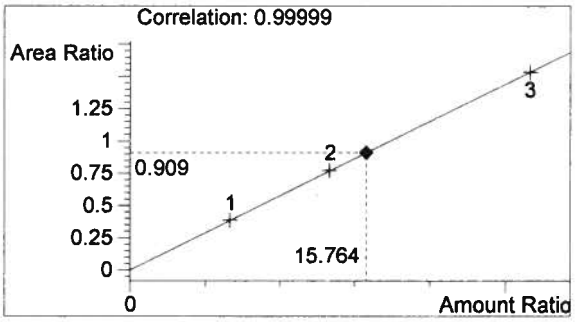
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/28/2012 12:46:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

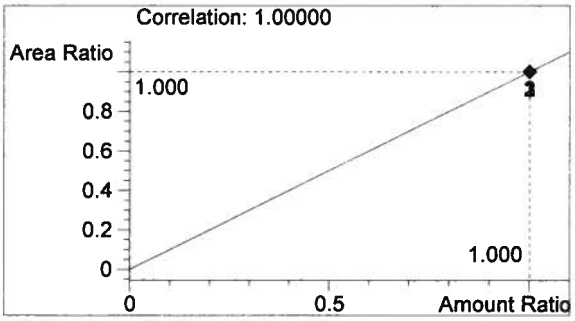
Sample Name: QA12057-5
Operator: Brianna Peterson
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1368	1.028
2	n-Propanol	1506	1.759



Ethanol 0.189 g/100mL



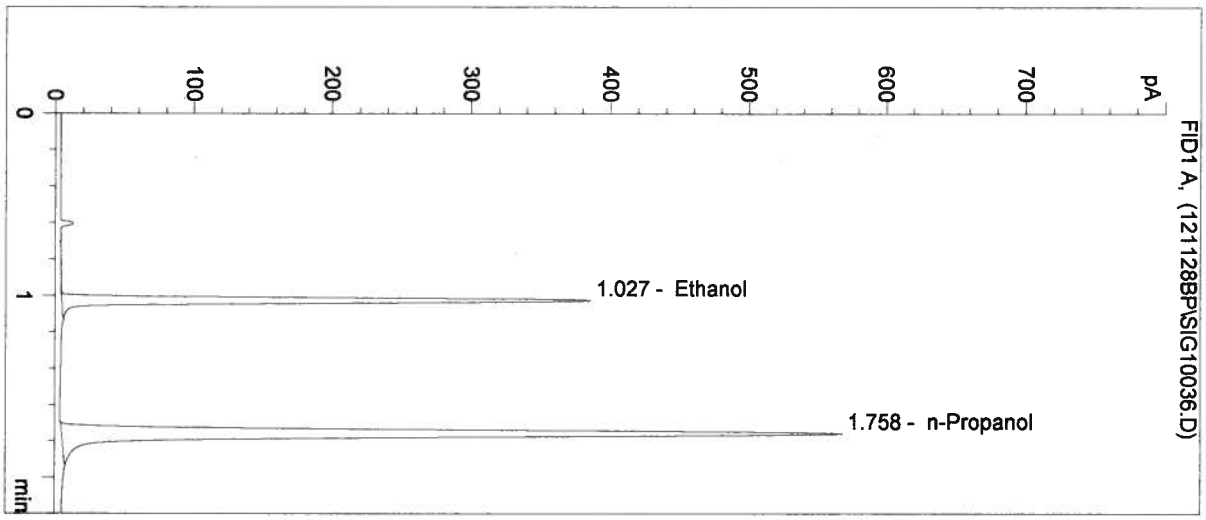
n-Propanol 0.012 g/100mL

BP

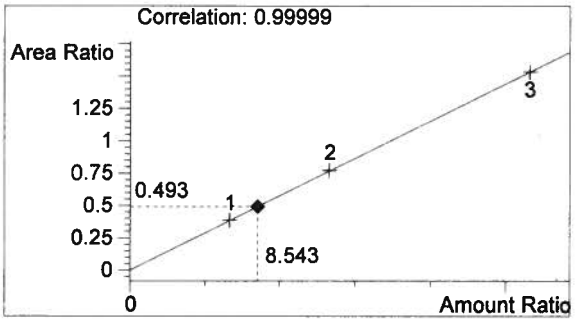
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/28/2012 12:49:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

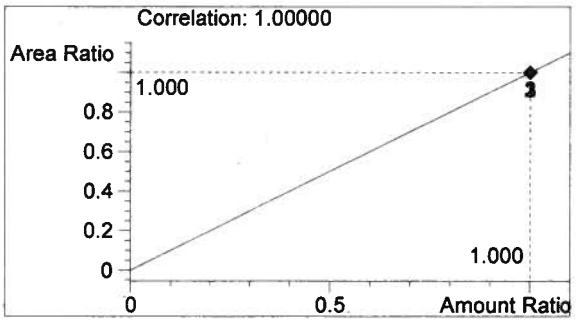
Sample Name: 0.10 CTRL BP
Operator: Brianna Peterson
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	762	1.027
2	n-Propanol	1545	1.758



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

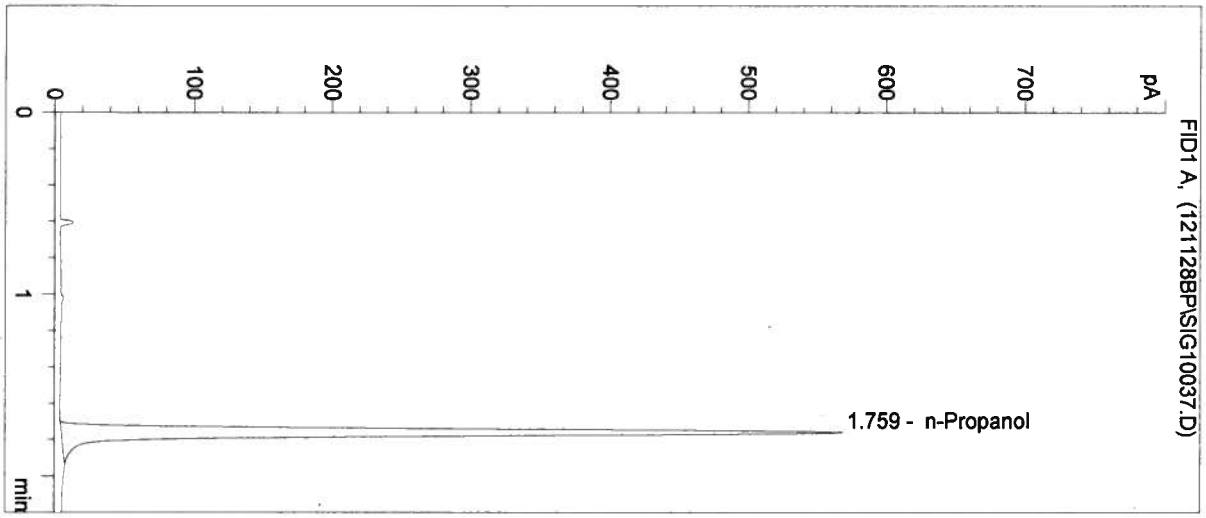
12057

BP

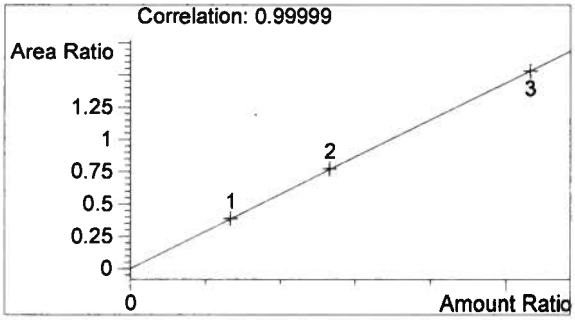
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/28/2012 12:52:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

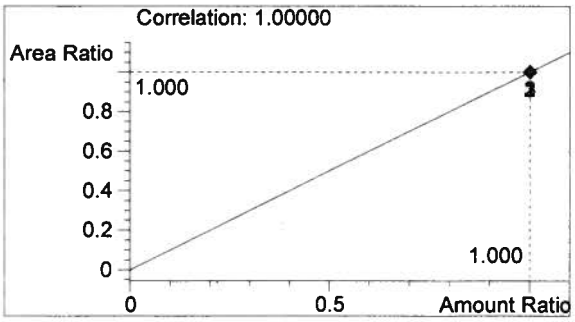
Sample Name: NEG CTRL BP
Operator: Brianna Peterson
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1546	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12057

BR

Sequence: C:\HPCHEM\2\SEQUENCE\LNQAP3.S

Sequence Parameters:

Operator:	Lisa Noble
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:	121206LQ
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 #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A084657 - Exp. 02/2016
n-Propanol ISTD Lot# P1012 exp 01/22/2013

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	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - LN	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - LN	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
10	Vial 10	12054 #1	SIMALC3	1	Sample		
11	Vial 11	12054 #2	SIMALC3	1	Sample		
12	Vial 12	12054 #3	SIMALC3	1	Sample		
13	Vial 13	12054 #4	SIMALC3	1	Sample		
14	Vial 14	12054 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
17	Vial 17	12055 #1	SIMALC3	1	Sample		
18	Vial 18	12055 #2	SIMALC3	1	Sample		
19	Vial 19	12055 #3	SIMALC3	1	Sample		
20	Vial 20	12055 #4	SIMALC3	1	Sample		
21	Vial 21	12055 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
24	Vial 24	12056 #1	SIMALC3	1	Sample		
25	Vial 25	12056 #2	SIMALC3	1	Sample		
26	Vial 26	12056 #3	SIMALC3	1	Sample		
27	Vial 27	12056 #4	SIMALC3	1	Sample		
28	Vial 28	12056 #5	SIMALC3	1	Sample		

12057

fn

Sequence: C:\HPCHEM\2\SEQUENCE\LNQAP3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
29	Vial 29	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
31	Vial 31	12057 #1	SIMALC3	1	Sample		
32	Vial 32	12057 #2	SIMALC3	1	Sample		
33	Vial 33	12057 #3	SIMALC3	1	Sample		
34	Vial 34	12057 #4	SIMALC3	1	Sample		
35	Vial 35	12057 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

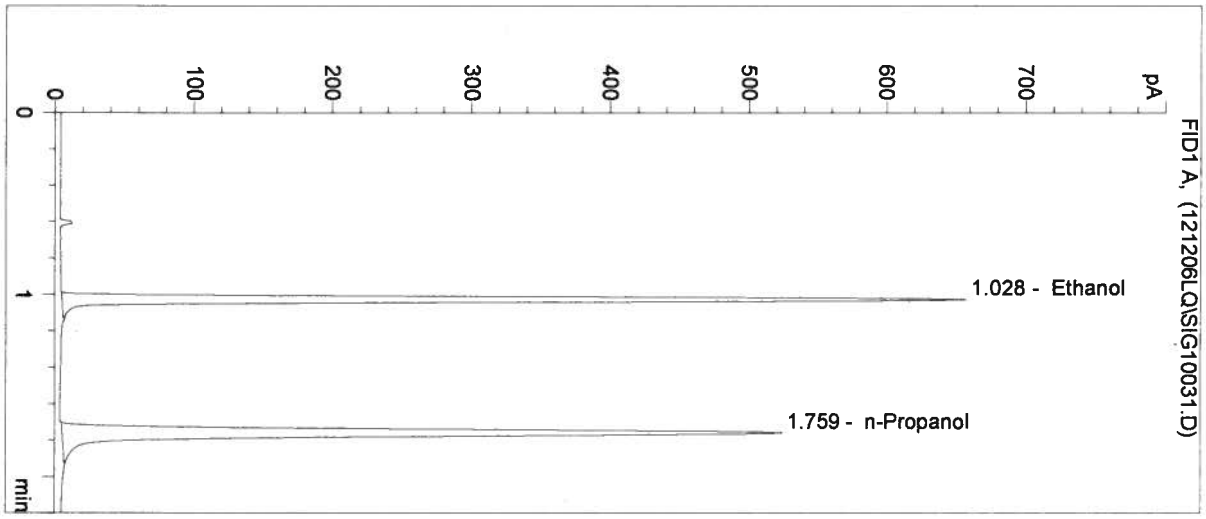
No entries - empty table!

12057

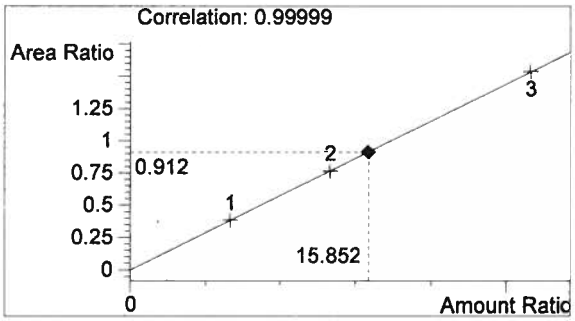
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:20:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

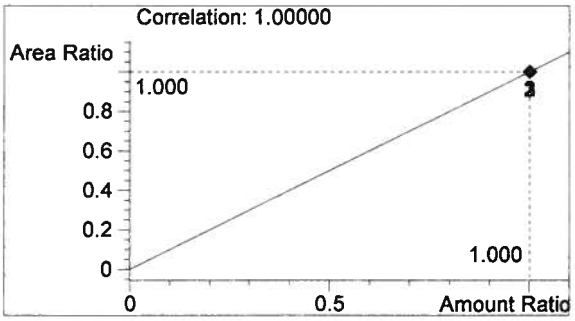
Sample Name: 12057 #1
Operator: Lisa Noble
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1295	1.028
2	n-Propanol	1420	1.759



Ethanol 0.190 g/100mL

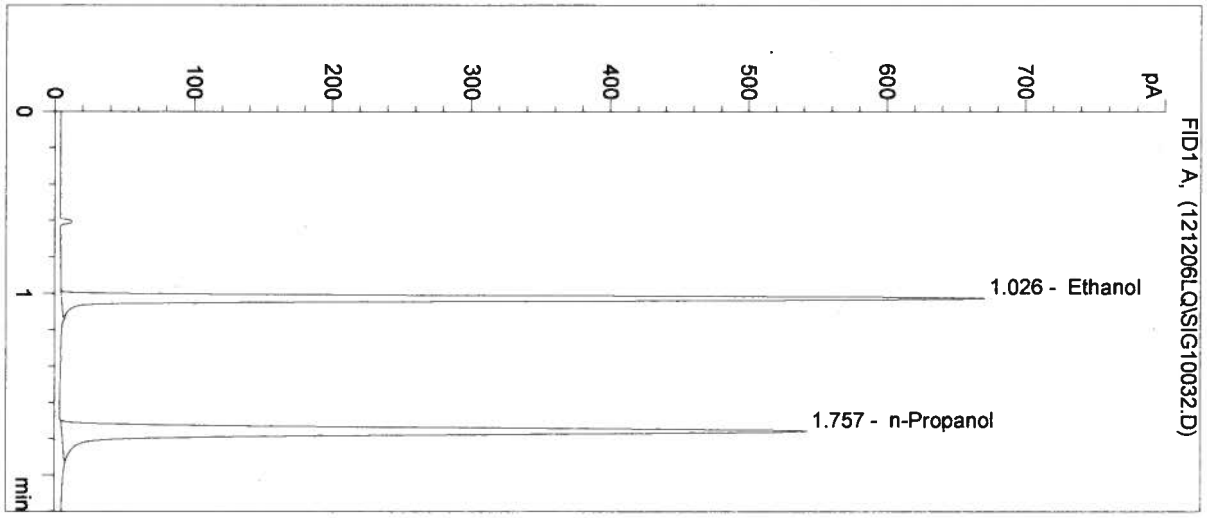


n-Propanol 0.012 g/100mL

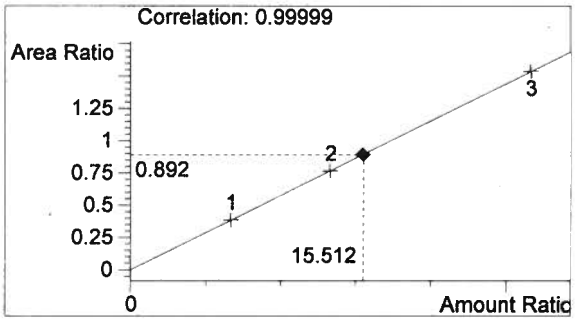
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:23:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

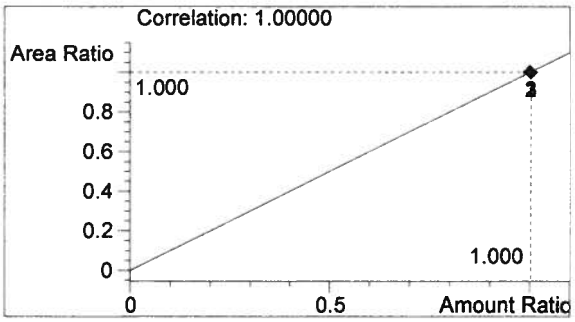
Sample Name: 12057 #2
Operator: Lisa Noble
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1318	1.026
2	n-Propanol	1477	1.757



Ethanol 0.186 g/100mL



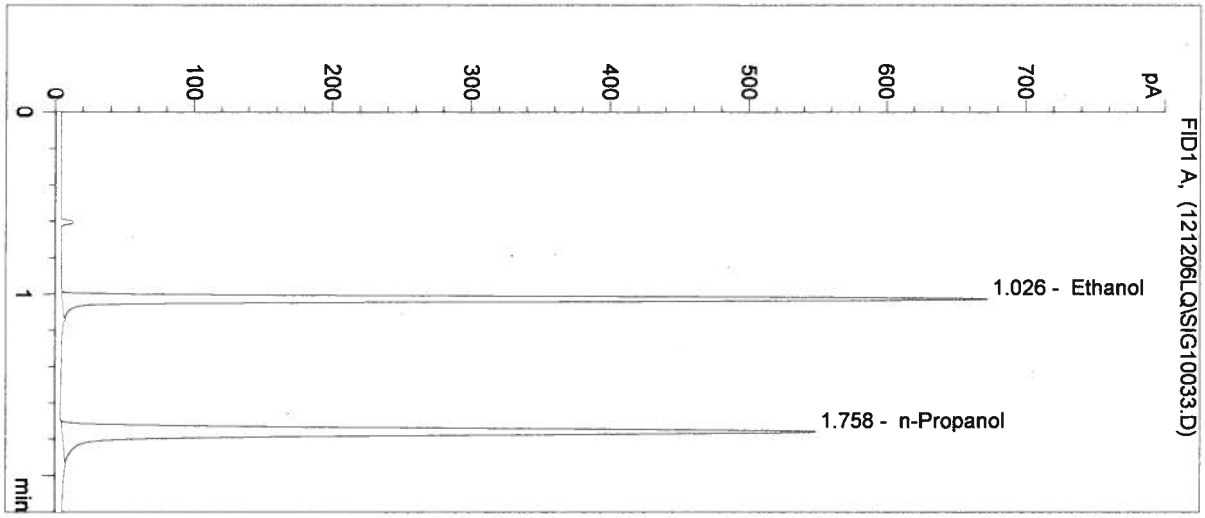
n-Propanol 0.012 g/100mL

fn

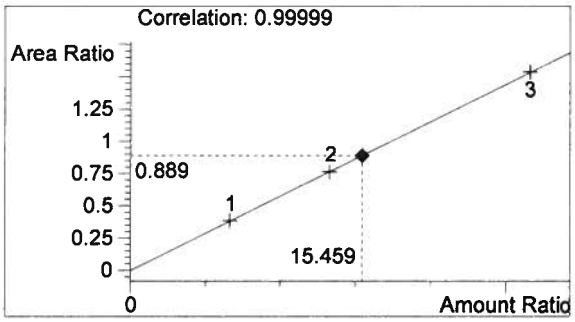
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:26:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

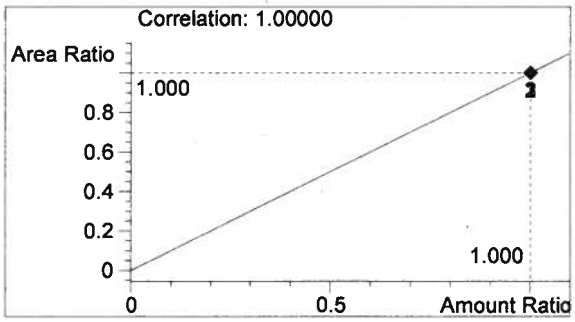
Sample Name: 12057 #3
Operator: Lisa Noble
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1328	1.026
2	n-Propanol	1493	1.758



Ethanol 0.186 g/100mL



n-Propanol 0.012 g/100mL

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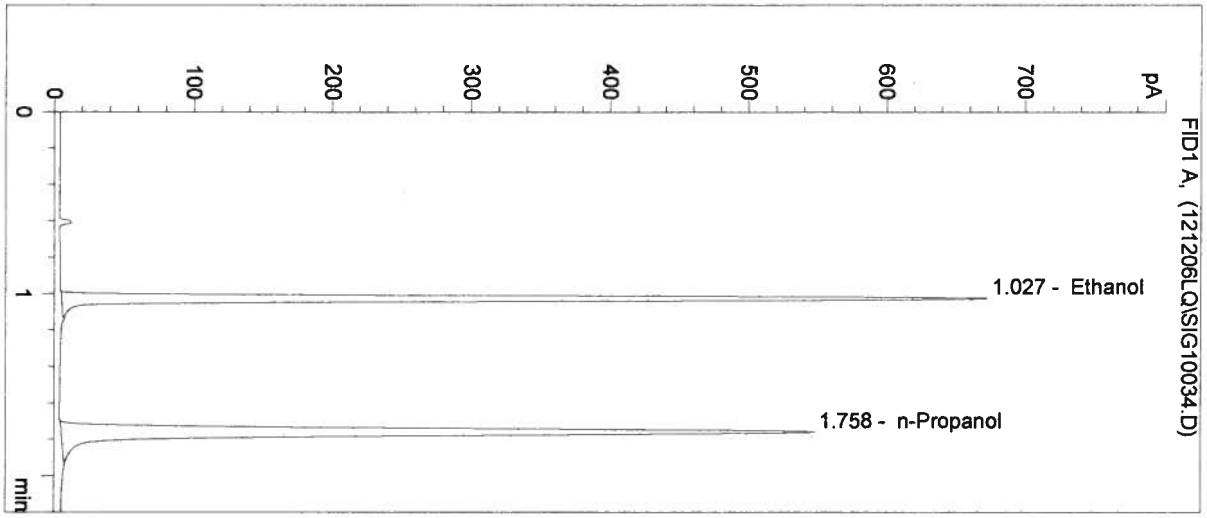
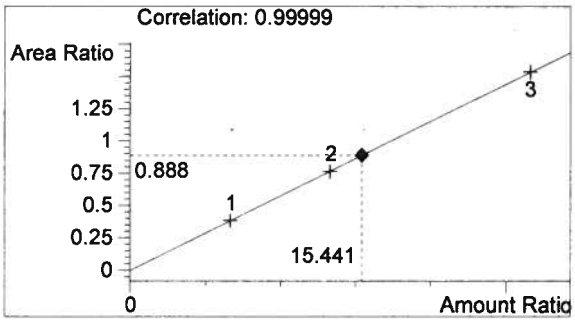
Inj. Date: 12/6/2012 3:29:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

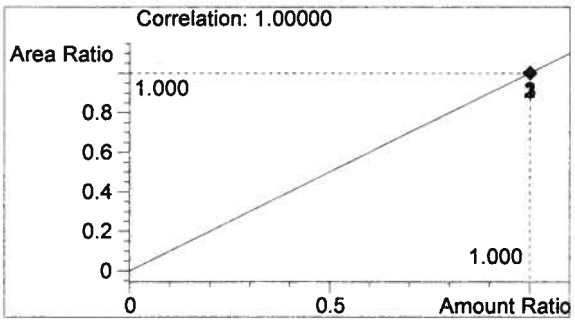
Sample Name: 12057 #4
Operator: Lisa Noble
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1326	1.027
2	n-Propanol	1492	1.758



Ethanol 0.185 g/100mL

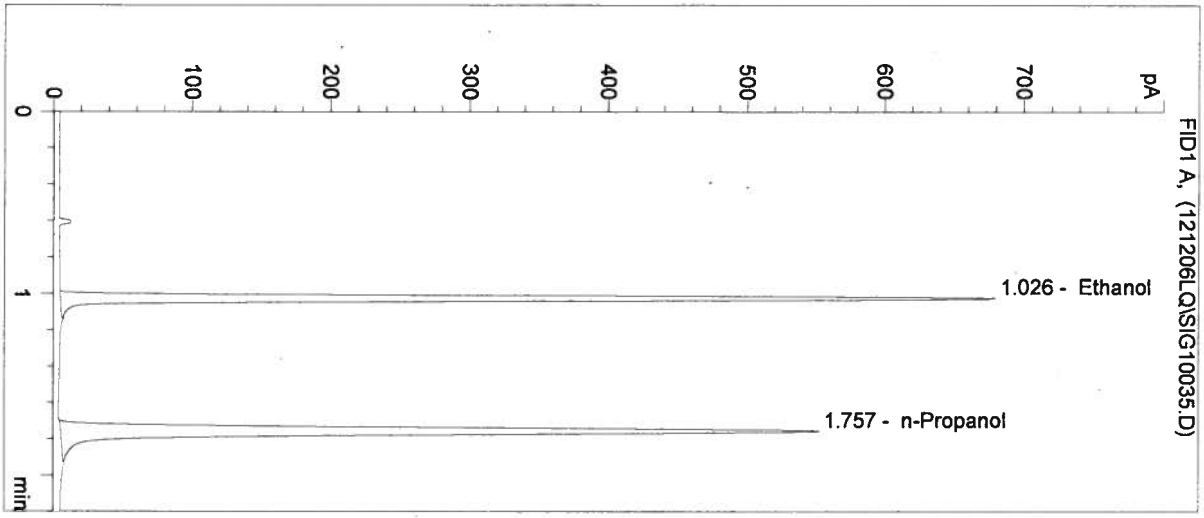


n-Propanol 0.012 g/100mL

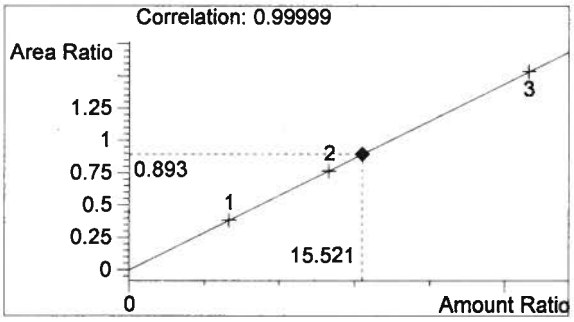
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:32:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

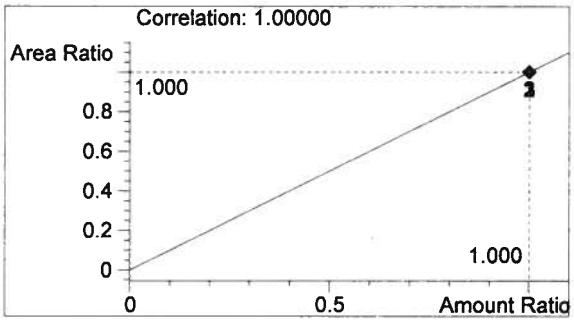
Sample Name: 12057 #5
Operator: Lisa Noble
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1340	1.026
2	n-Propanol	1501	1.757



Ethanol 0.186 g/100mL

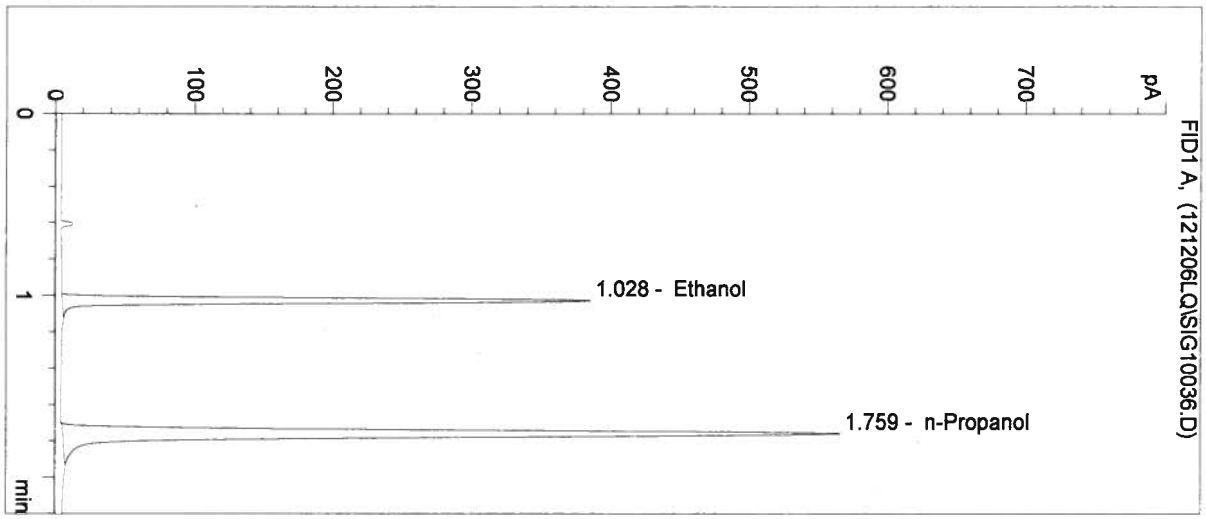


n-Propanol 0.012 g/100mL

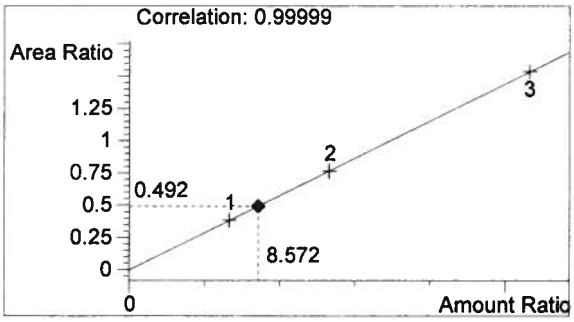
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:36:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 Control

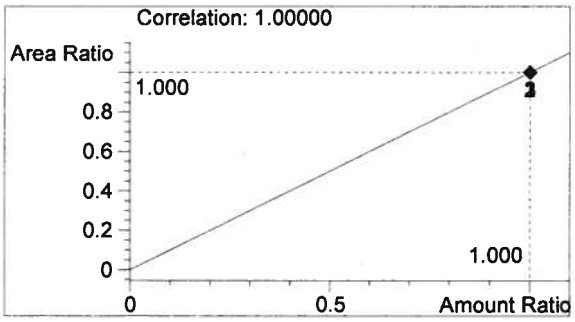
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	756	1.028
2	n-Propanol	1536	1.759



Ethanol 0.103 g/100mL



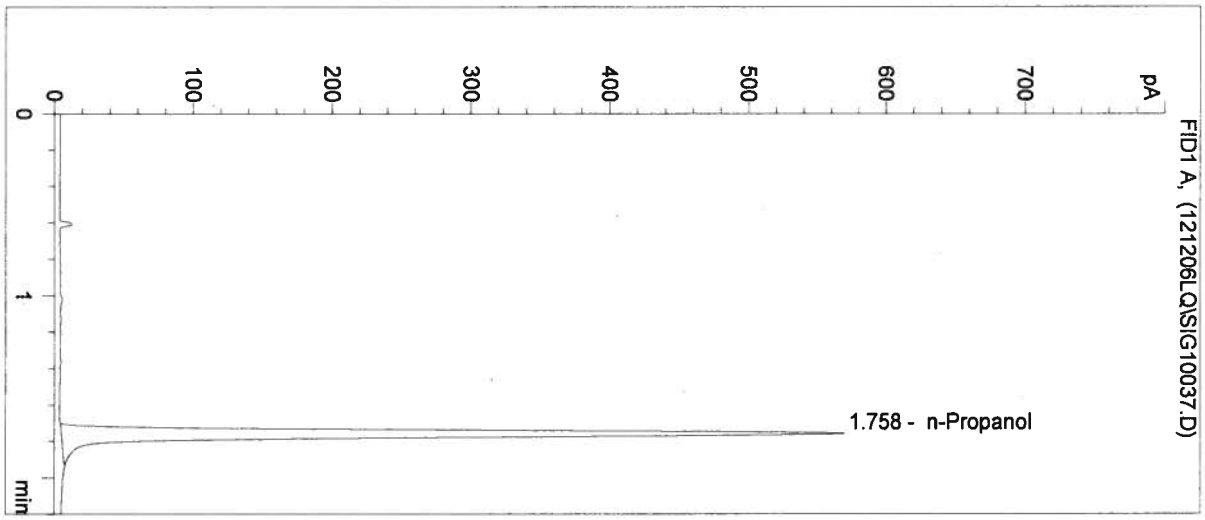
n-Propanol 0.012 g/100mL

12057

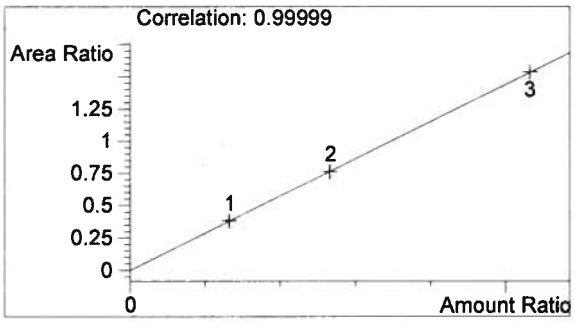
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:39:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

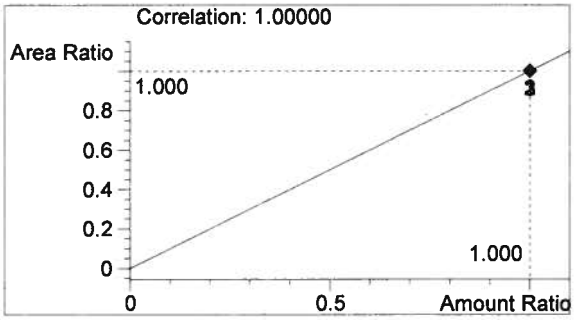
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1547	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12057