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

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

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17005

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: 01/06/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Christie Mitchell-Mata

	CM	AG	LK
1	0.102	0.101	0.100
2	0.103	0.100	0.101
3	0.101	0.099	0.099
4	0.102	0.099	0.100
5	0.101	0.100	0.100
C	0.102	0.101	0.104

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1005 g/100mL
STANDARD DEVIATION: 0.00119
PRECISION CV (%): 1.18
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0817 g/210L**
EXPANDED UNCERTAINTY: ± 0.0022 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brianne E. O'Reilly Technical Lead

2.1.2017
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell-Mata		01/06/2017
AG	Andrew Gingras		01/09/2017
LK	Lyndsey Knoy		01/10/2017

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 2-3-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17005

	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: 2-3-17

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

QAP Solution Batch #: 17005 **Date Prepared:** 1/6/2017

Analyst:	CM	AG	LK
Date Tested:	1/6/2017	1/9/2017	1/10/2017
Instrument:	HSGC 1	HSGC 1	HSGC 1
1	0.102	0.101	0.100
2	0.103	0.100	0.101
3	0.101	0.099	0.099
4	0.102	0.099	0.100
5	0.101	0.100	0.100
C	0.102	0.101	0.104

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000092974	0.0000742713	0.0001016326

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

Average Solution Concentration: 0.1005 g/100mL
Standard Deviation: 0.00119 g/100mL
Precision CV (%): 1.18
Equivalent Vapor Concentration: 0.0817 g/210L
Combined Standard Uncertainty (±): 0.0011 g/210L
Expanded Uncertainty (±): 0.0022 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brianne E. O'Reilly Brianne E. O'Reilly 1.26.17
Name Signature Date

Calculations verified by: Amanda M. Black 2.3.17
Name Signature Date

Method: Hand Calculation

Tech. review performed by: Brianne E. O'Reilly Brianne E. O'Reilly 1.26.17
Name Signature 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 Chandler		
Andrew Gingras	AG	1/26/2017
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata	CM	2/1/17
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Knoy	LK	1.31.17
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 17005

BLO 1.26.17

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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 17005

I, Christie Mitchell-Mata, 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: BA degree in Chemistry, MFS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 17005, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA

Christie Mitchell-Mata 2/1/17

Christie Mitchell-Mata Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 17005

I, Andrew Gingras, 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 Cell and Molecular Biology and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 17005, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA

1/26/2017

Andrew Gingras Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 17005

I, Lyndsey Knoy, 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 17005, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA

1.31.17

Lyndsey Knoy — 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: 1/6/2017 Expiration Date: 1/6/2018 Initials of Preparer: CM

Lot # of 200-proof Ethanol used in preparation: 2DK0010

Date the 200-proof Ethanol bottle was opened: 12/20/16 NN

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	☑	17005
QAP 0.10	28.1	18	☐	
QAP 0.15	42.1	18	☐	
QAP 0.20	56.1	18	☐	
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 ☑ 1/6/2017 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

1/6/2017 Date

BW

Sequence: C:\HPCHEM\1\SEQUENCE\CMQAP2.S

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	170105CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Data subdirectory should have been 170106CM CM 1/20/17

Sequence Comment:
Cal 1 (0.079 g/100mL) - Lot#E0916-01 - Exp 03/15/17
Cal 2 (0.158 g/100mL) - Lot#E0916-02 - Exp 03/15/17
Cal 3 (0.316 g/100mL) - Lot#E0916-03 - Exp 03/15/17
CTRL 1 (0.04 g/100mL) - Lot#FN12181501 - Exp 12/2020
CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
CTRL 3 (0.20 g/100mL) - Lot#FN08101505 - Exp 02/2021
n-Propanol ISTD - Lot# P1116 - Exp 02/23/17

Calibration vials 1-9 filed with 17005.

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	0.179 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	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17005 #1	SIMALC1	1	Sample		
11	Vial 11	17005 #2	SIMALC1	1	Sample		
12	Vial 12	17005 #3	SIMALC1	1	Sample		
13	Vial 13	17005 #4	SIMALC1	1	Sample		
14	Vial 14	17005 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

BWO

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.179 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	

CM

Sequence: C:\HPCHEM\1\SEQUENCE\CMQAP2.S

Sequence Table (Back Injector):

No entries - empty table!

17005
PLLO 1.26.17

PLLO 1.26.17
17010564

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Friday, January 06, 2017 1:48:50 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

17005
BLI01.26.17

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl		Amount [g/100mL]	Area	Amt/Area	Ref Grp	Name
1.084	1	1		8.00100e-2	980.30927	8.16171e-5	1	Ethanol
		2		1.61200e-1	1940.78174	8.30593e-5		
		3		3.21790e-1	3845.80054	8.36731e-5		
1.762	1	1		1.20000e-2	2828.69653	4.24224e-6	I1	n-Propanol
		2		1.20000e-2	2833.49585	4.23505e-6		
		3		1.20000e-2	2801.99976	4.28266e-6		

Peak Sum Table

No Entries in table

BLI01.26.17
17010544

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Calibration Curves

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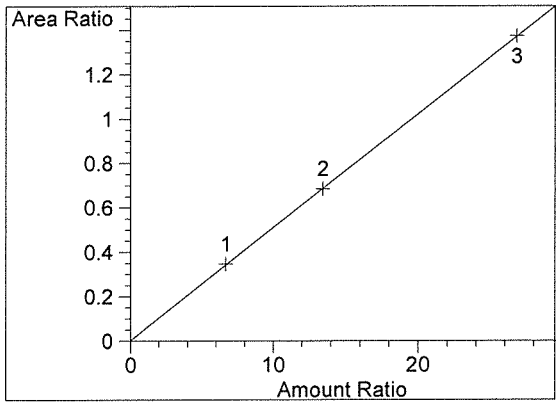
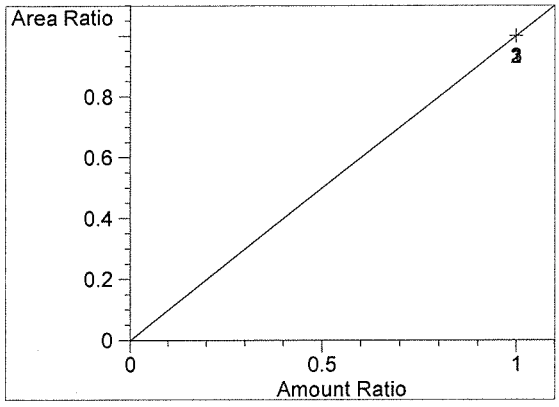


Ethanol at exp. RT: 1.084
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00391
Formula: y = mx + b
m: 5.11038e-2
b: 1.60044e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.762
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

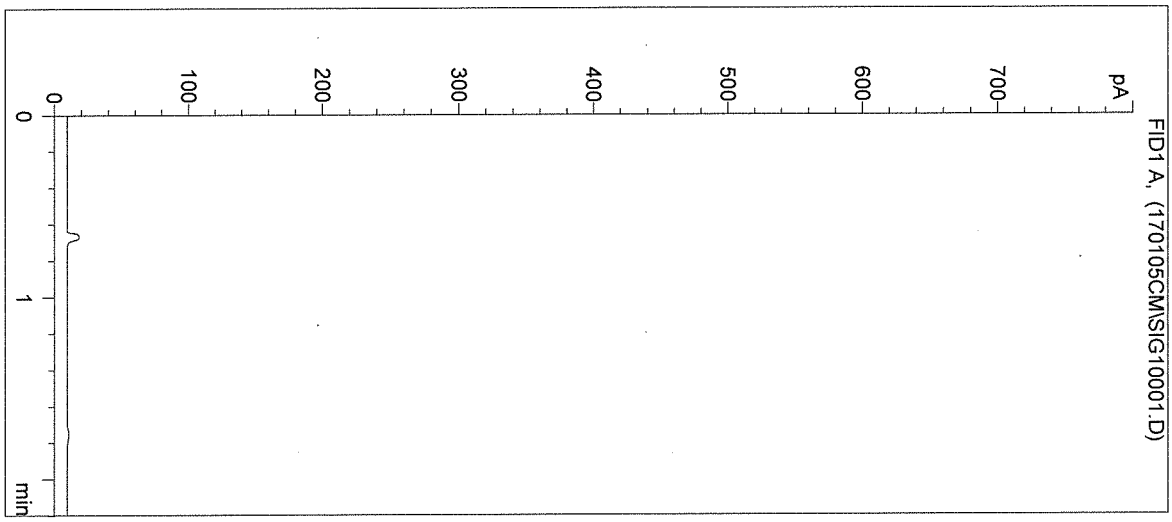
17005
BLO 1.26.17

BLO 1.26.17
17010504

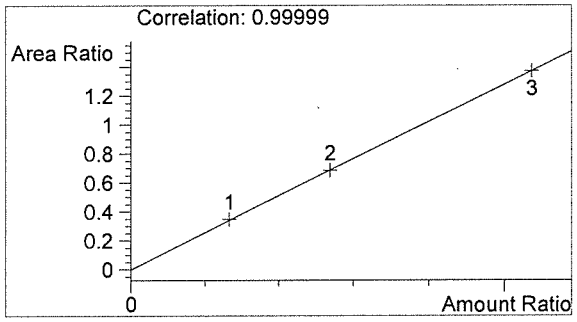
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 1:36:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1

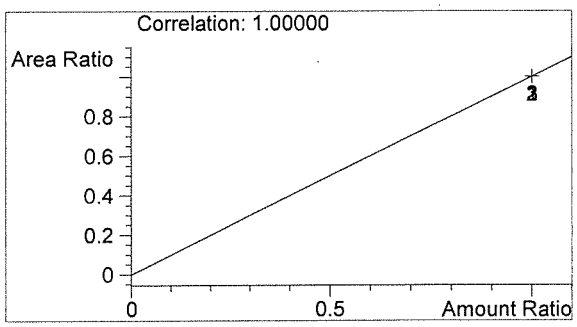


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

BWO



n-Propanol 0.000 g/100mL

Data File: C:\HPCHEM\1\DATA\170105CM\SIG10001.D

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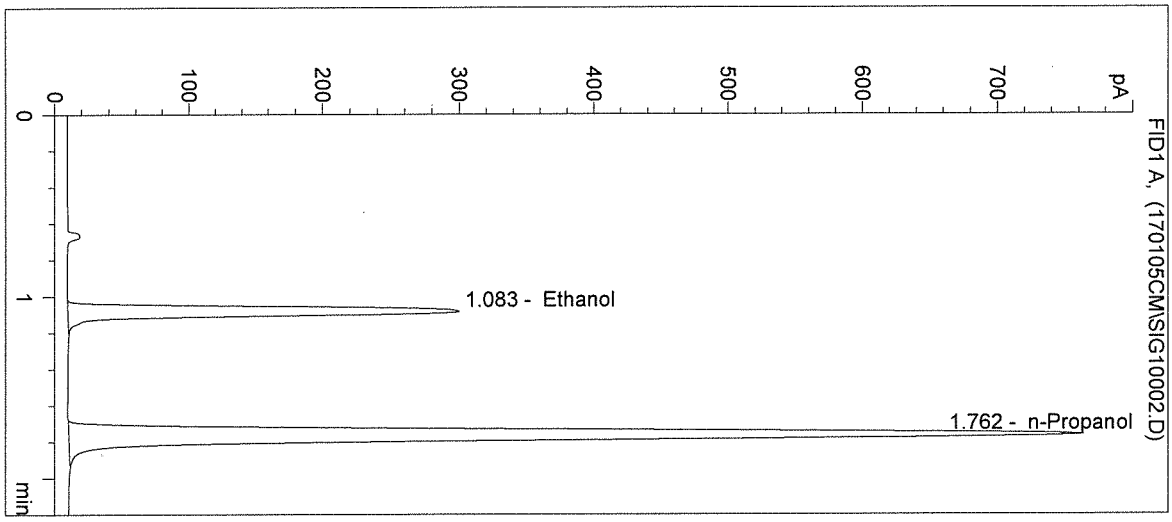
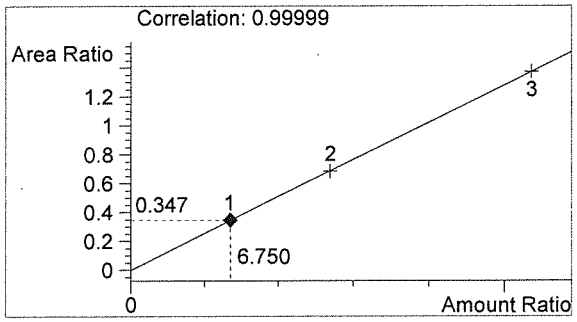
Inj. Date: 1/6/2017 1:40:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: 0.179 CAL 1
Operator: Christie Mitchell-Mata
Location: Vial 2

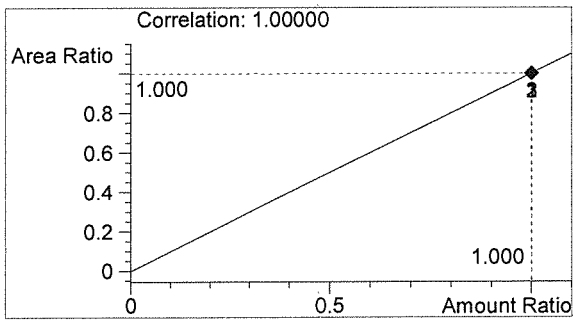


#	Compound	Peak Area	RT (min)
1	Ethanol	980	1.083
2	n-Propanol	2829	1.762



Ethanol 0.081 g/100mL

BWO



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170105CM\SIG10002.D

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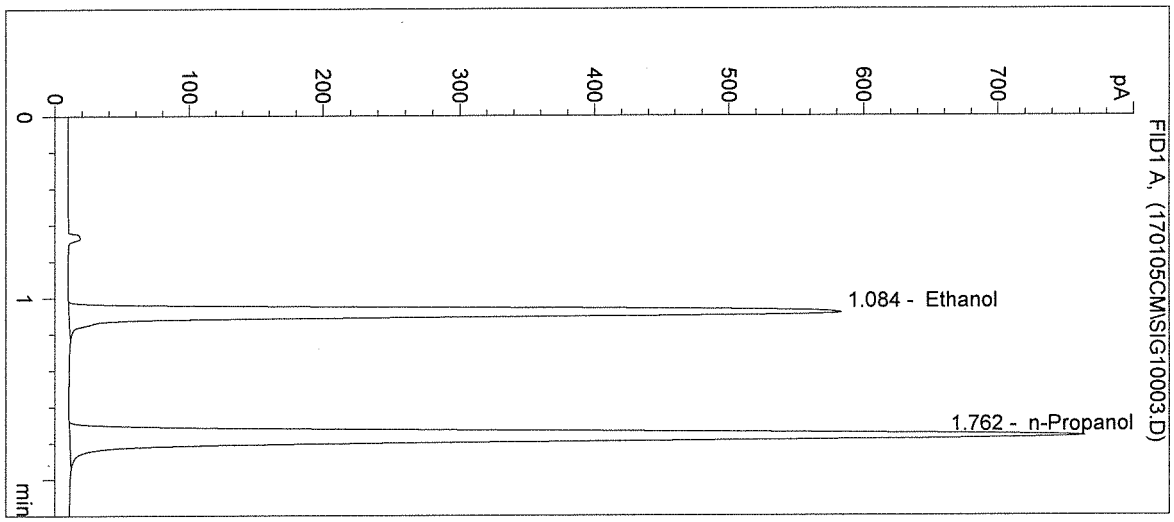
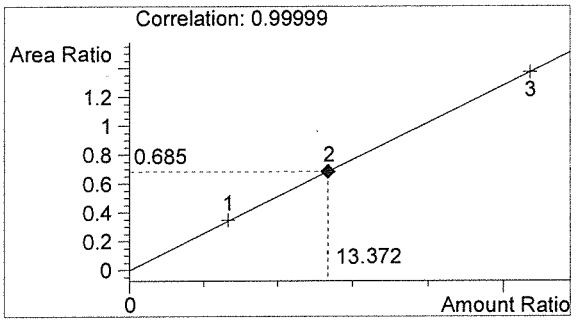
Inj. Date: 1/6/2017 1:43:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: 0.158 CAL 2
Operator: Christie Mitchell-Mata
Location: Vial 3

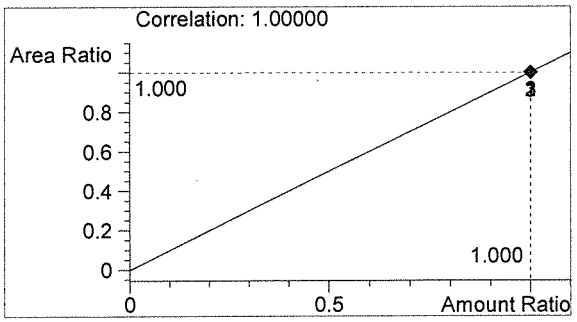


#	Compound	Peak Area	RT (min)
1	Ethanol	1941	1.084
2	n-Propanol	2833	1.762



Ethanol 0.160 g/100mL

BWO



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170105CM\SIG10003.D

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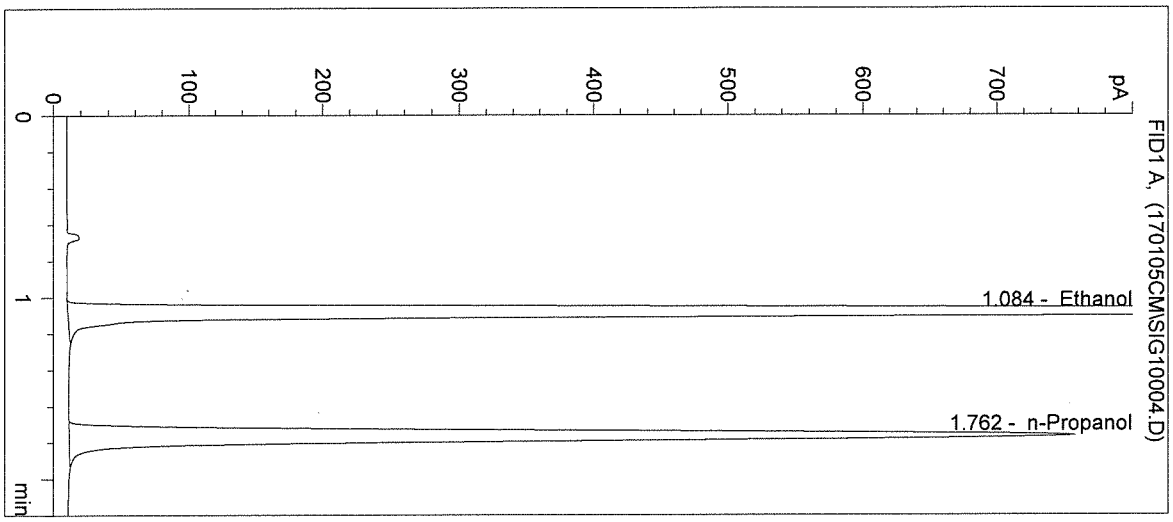
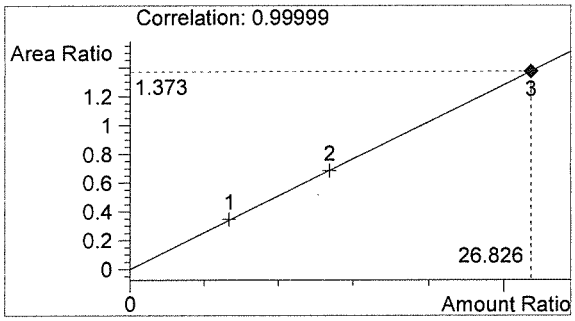
Inj. Date: 1/6/2017 1:46:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: 0.316 CAL 3
Operator: Christie Mitchell-Mata
Location: Vial 4

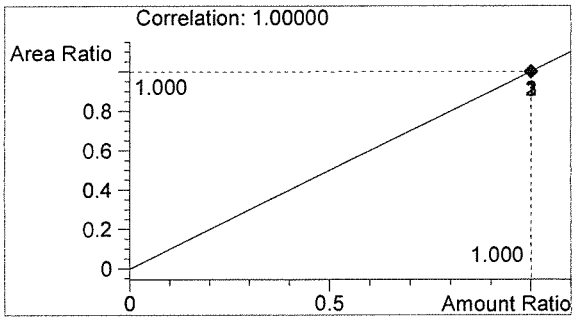


#	Compound	Peak Area	RT (min)
1	Ethanol	3846	1.084
2	n-Propanol	2802	1.762



Ethanol 0.322 g/100mL

RWO

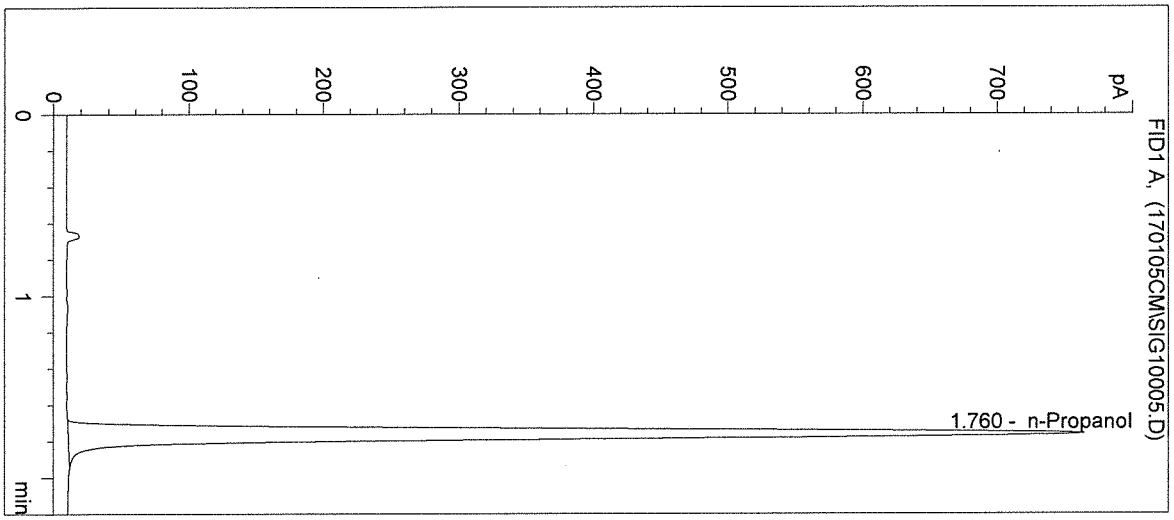


n-Propanol 0.012 g/100mL

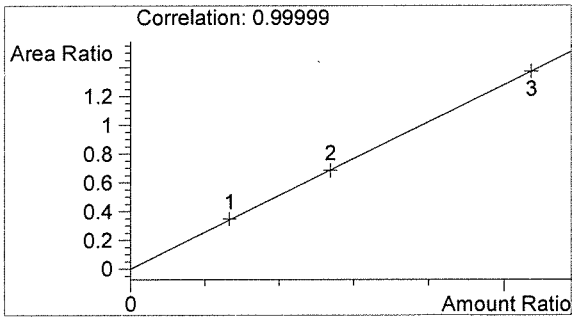
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 1:49:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 5

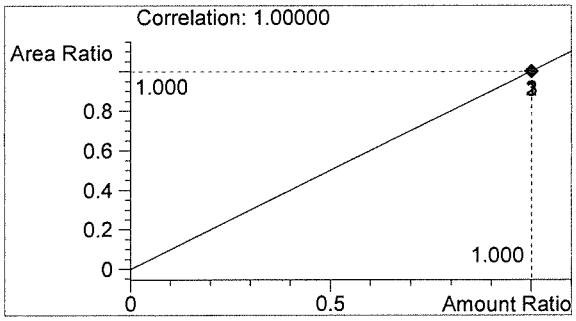


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2831	1.760



Ethanol 0.000 g/100mL

BWO



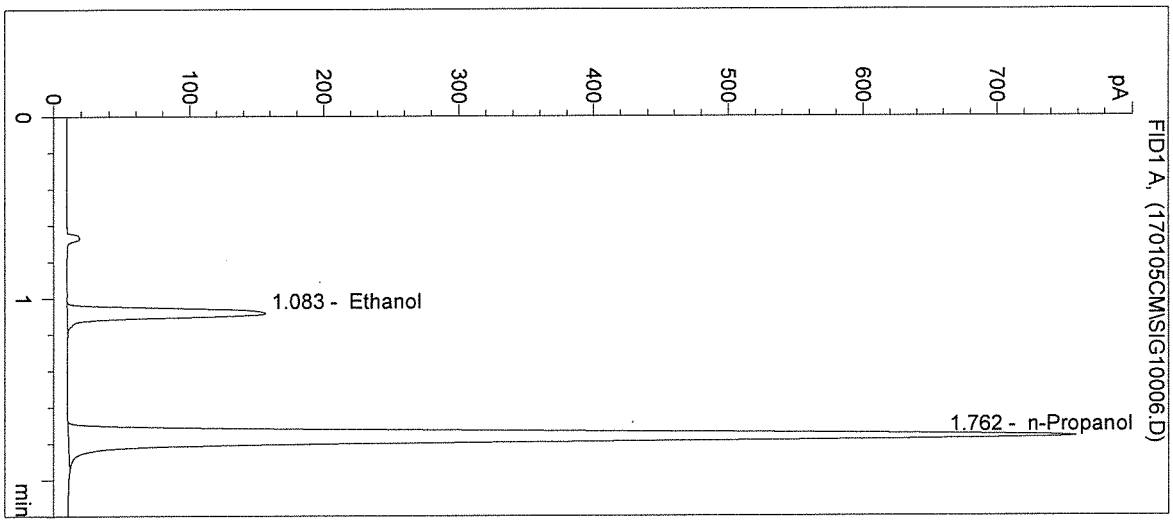
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170105CM\SIG10005.D

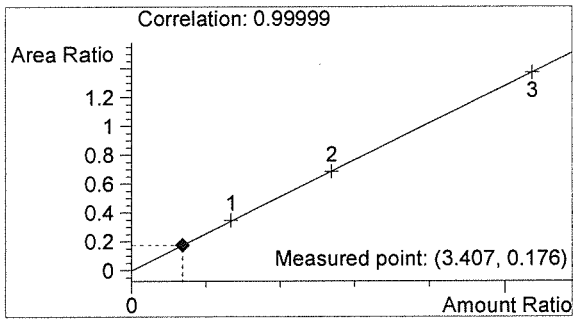
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 1:53:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: 0.04 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 6

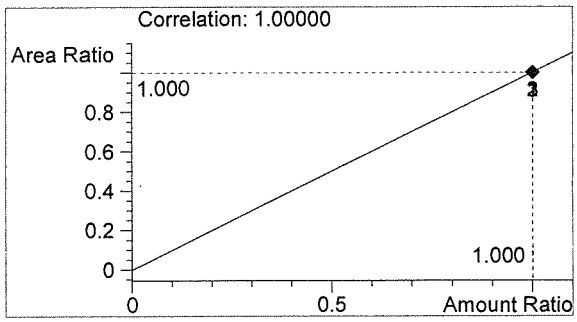


#	Compound	Peak Area	RT (min)
1	Ethanol	493	1.083
2	n-Propanol	2807	1.762



Ethanol 0.041 g/100mL

BWO



n-Propanol 0.012 g/100mL

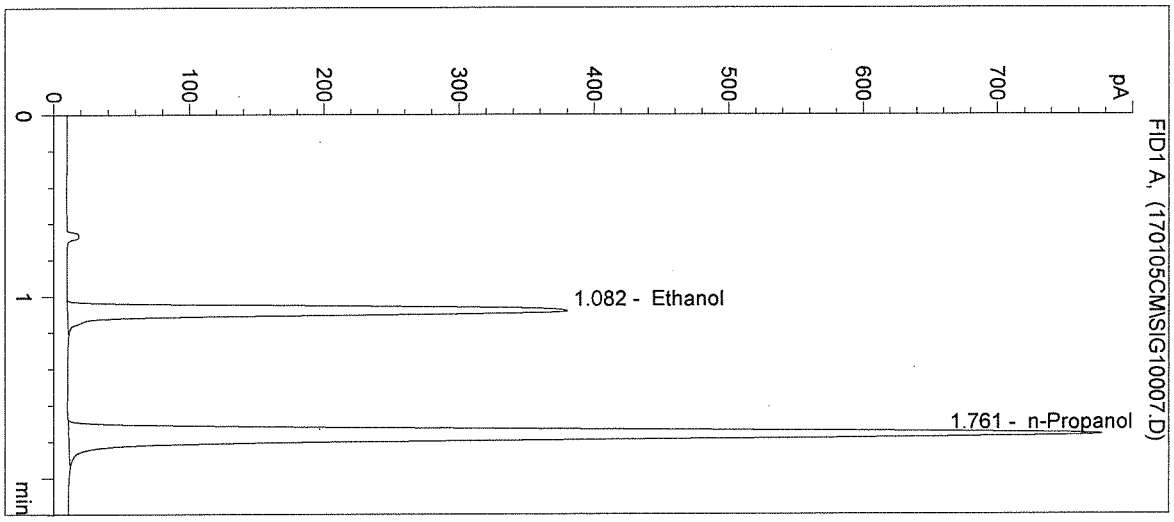
Data File: C:\HPCHEM\1\DATA\170105CM\SIG10006.D

CM

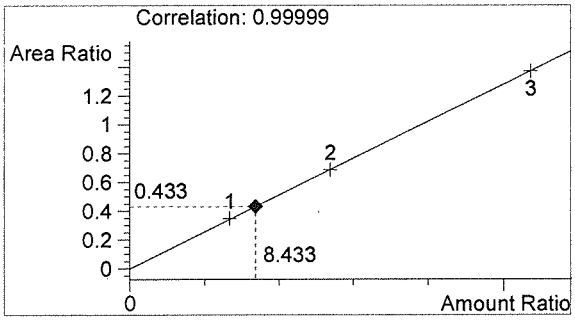
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 1:56:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: 0.10 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 7

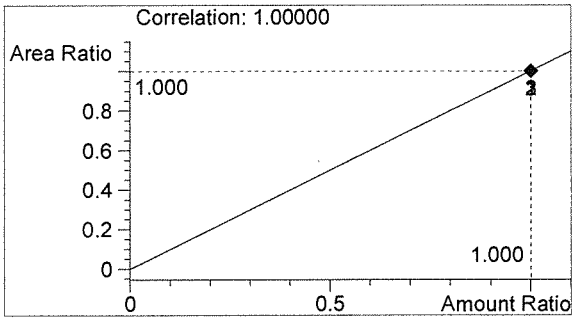


#	Compound	Peak Area	RT (min)
1	Ethanol	1246	1.082
2	n-Propanol	2880	1.761



Ethanol 0.101 g/100mL

RWO



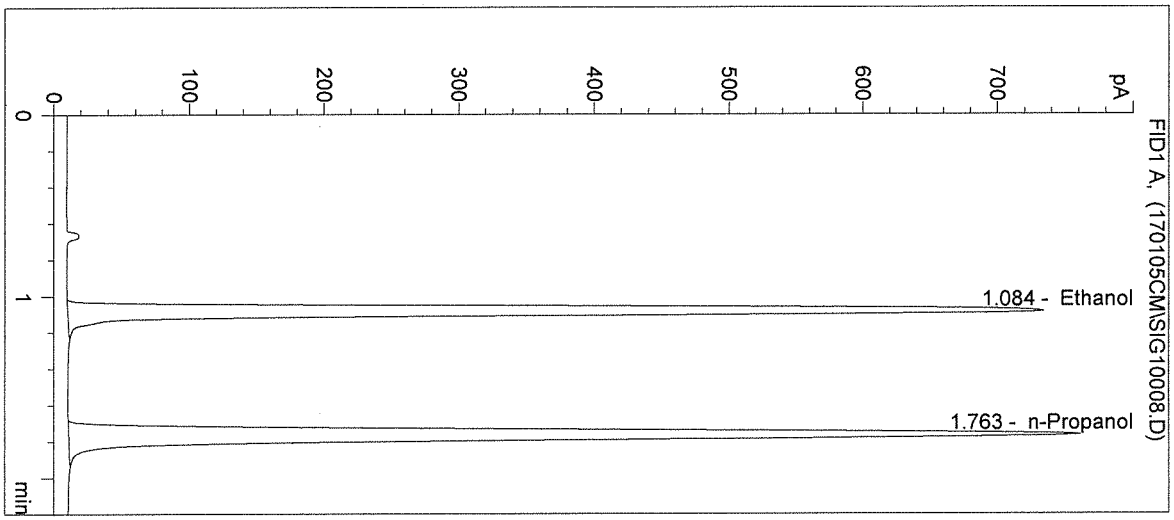
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170105CM\SIG10007.D

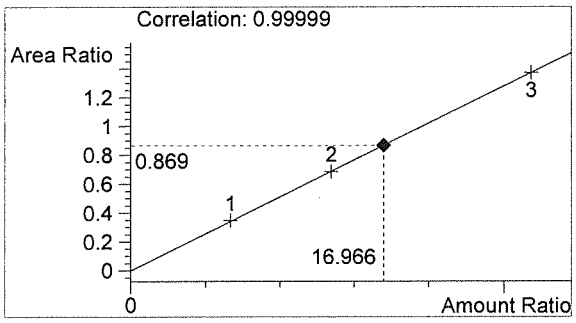
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 1:59:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

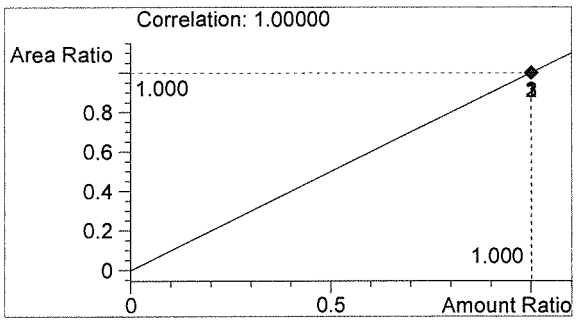
Sample Name: 0.20 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2447	1.084
2	n-Propanol	2817	1.763



Ethanol 0.204 g/100mL

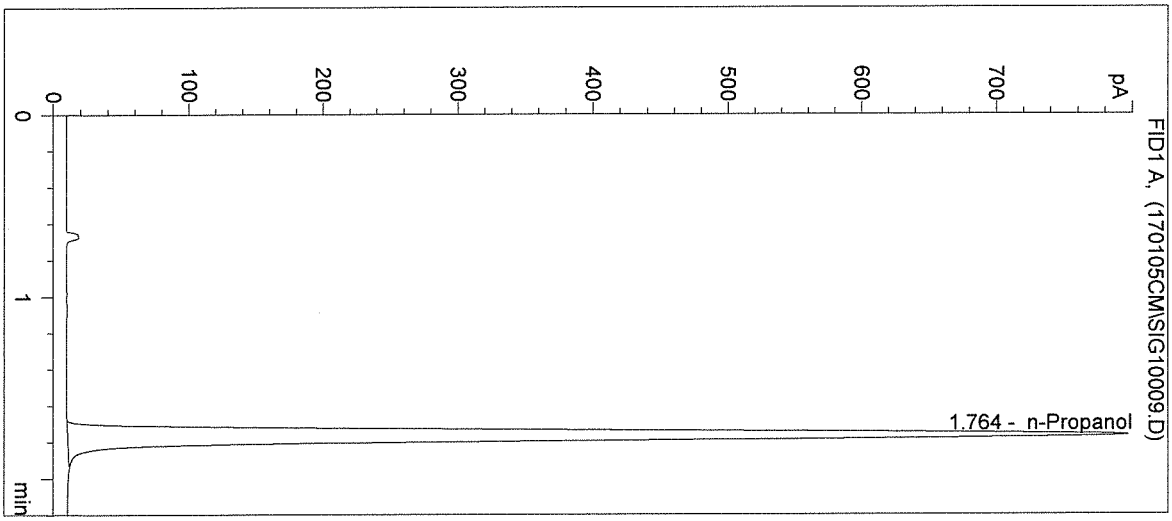


n-Propanol 0.012 g/100mL

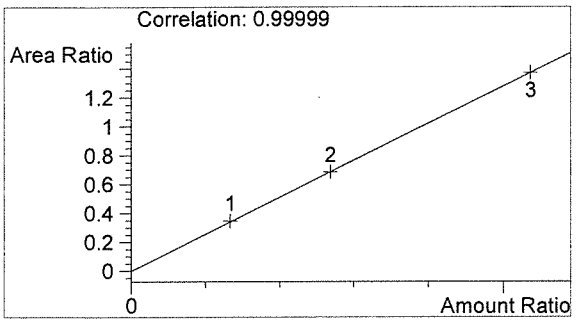
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 2:02:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 9

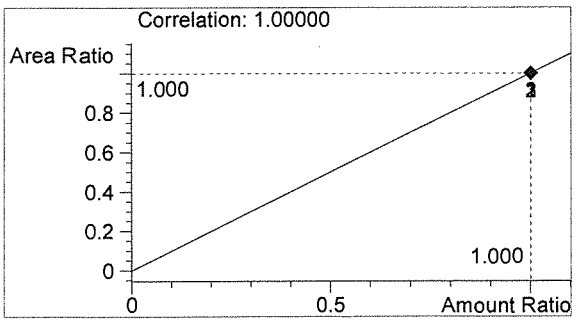


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2965	1.764



Ethanol 0.000 g/100mL

BWO

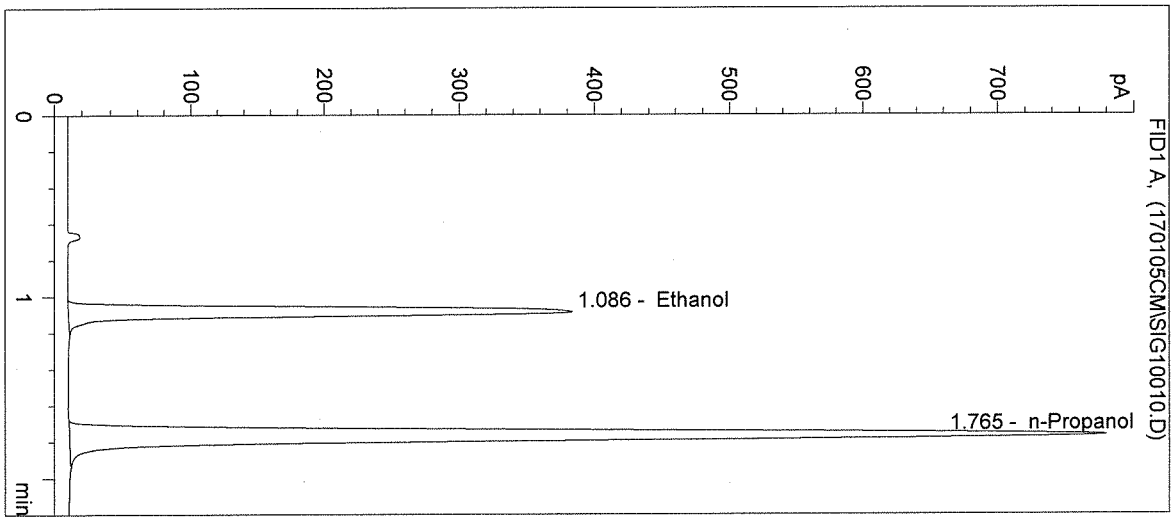


n-Propanol 0.012 g/100mL

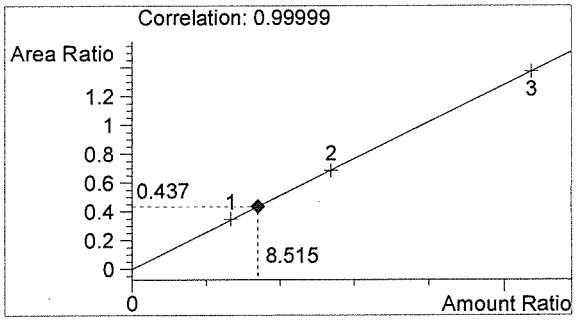
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 2:05:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

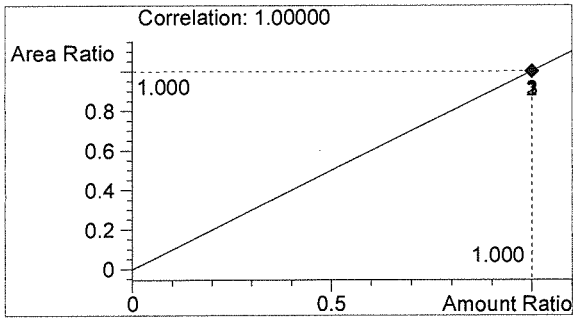
Sample Name: 17005 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1268	1.086
2	n-Propanol	2904	1.765



Ethanol 0.102 g/100mL



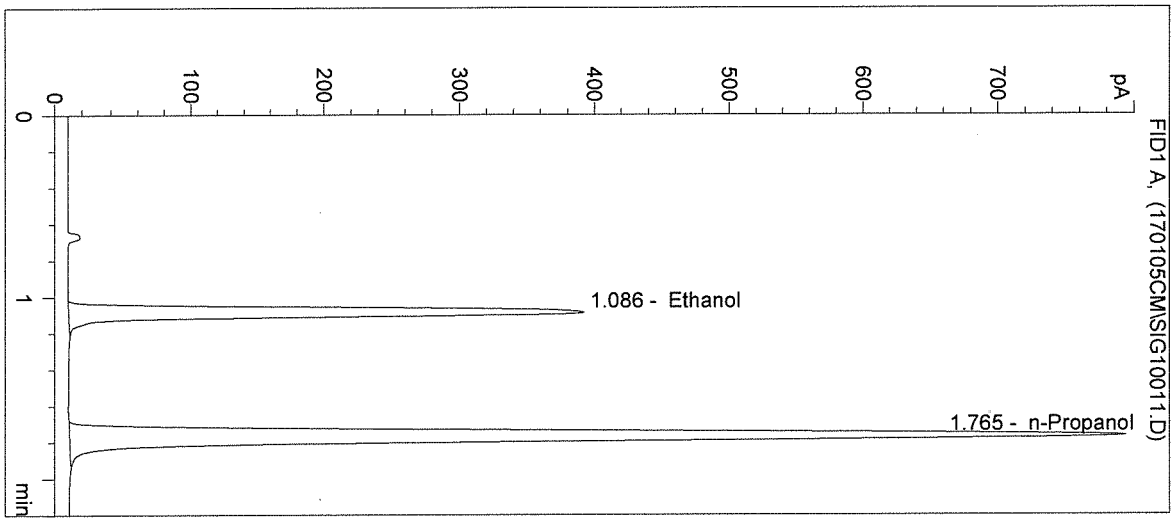
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170105CM\SIG10010.D

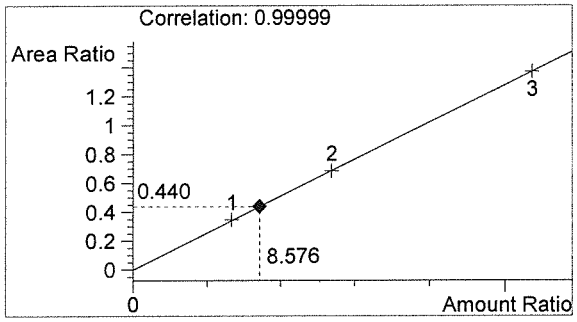
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 2:09:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 17005 #2
Operator: Christie Mitchell-Mata
Location: Vial 11

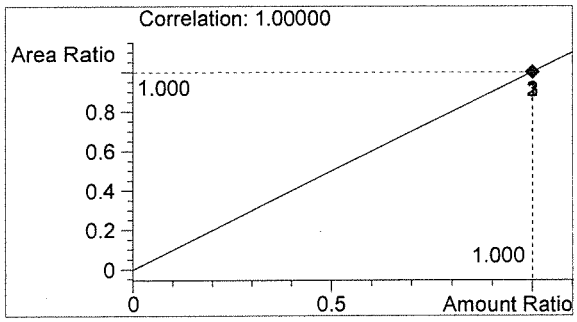


#	Compound	Peak Area	RT (min)
1	Ethanol	1304	1.086
2	n-Propanol	2964	1.765



Ethanol 0.103 g/100mL

BWO



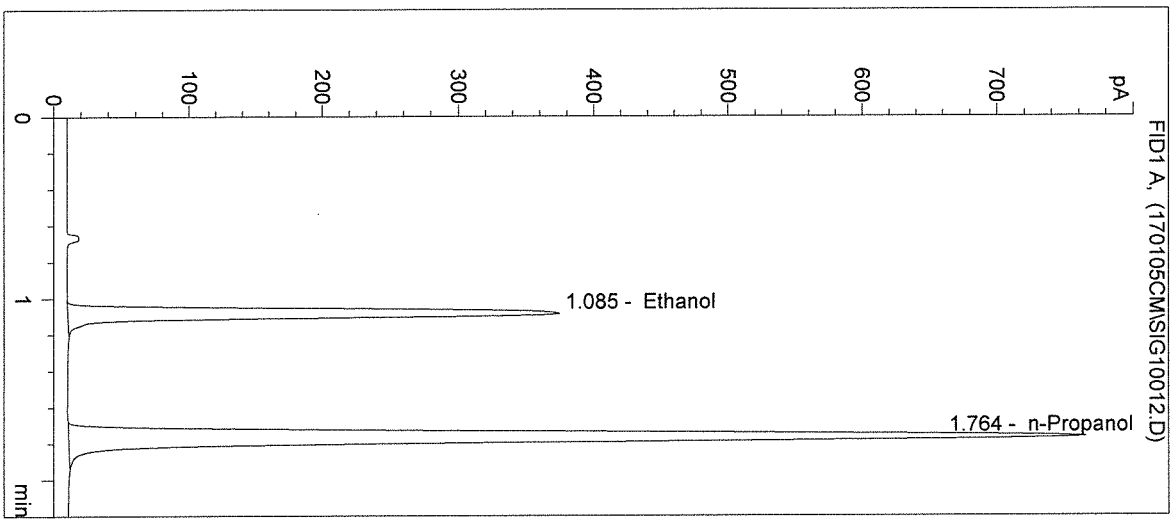
n-Propanol 0.012 g/100mL

CM

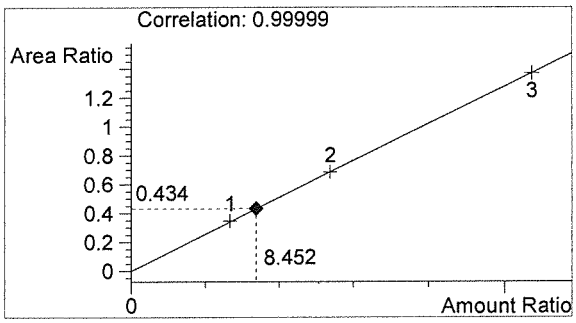
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 2:12:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 17005 #3
Operator: Christie Mitchell-Mata
Location: Vial 12

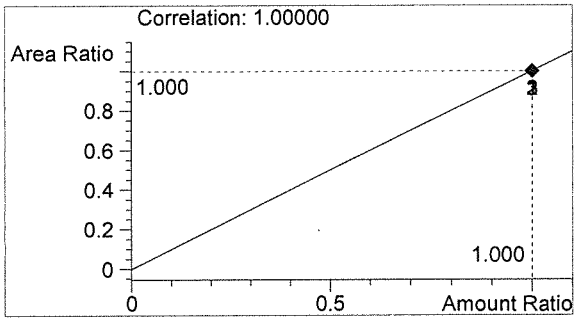


#	Compound	Peak Area	RT (min)
1	Ethanol	1231	1.085
2	n-Propanol	2839	1.764



Ethanol 0.101 g/100mL

RWO



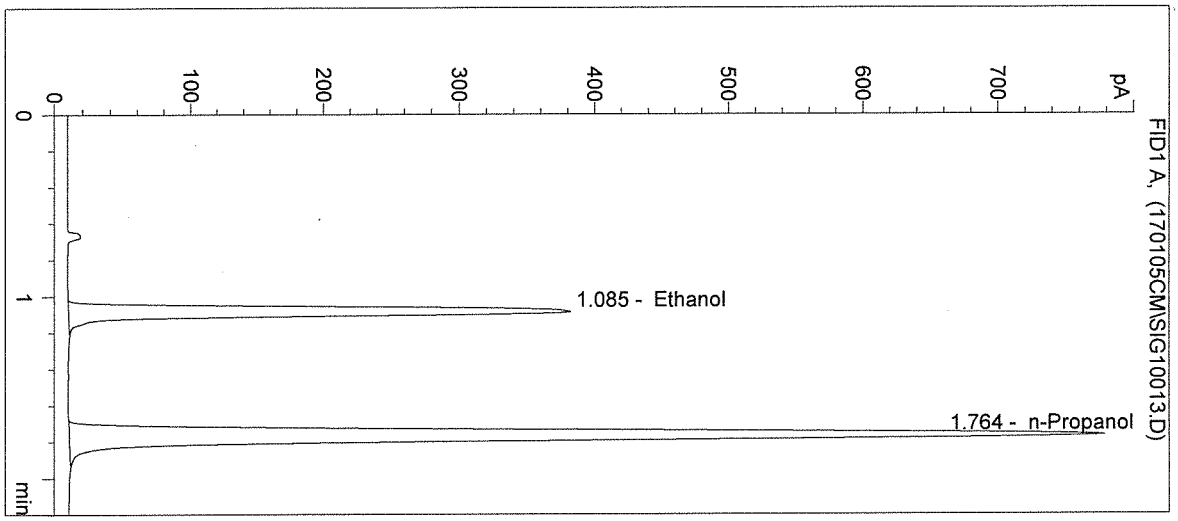
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170105CM\SIG10012.D

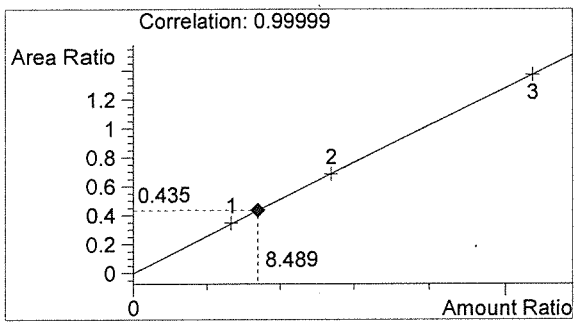
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 2:15:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

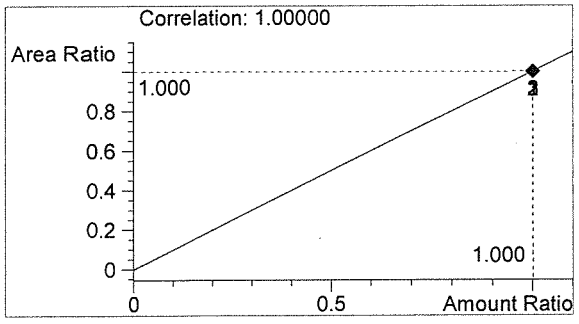
Sample Name: 17005 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1258	1.085
2	n-Propanol	2889	1.764



Ethanol 0.102 g/100mL

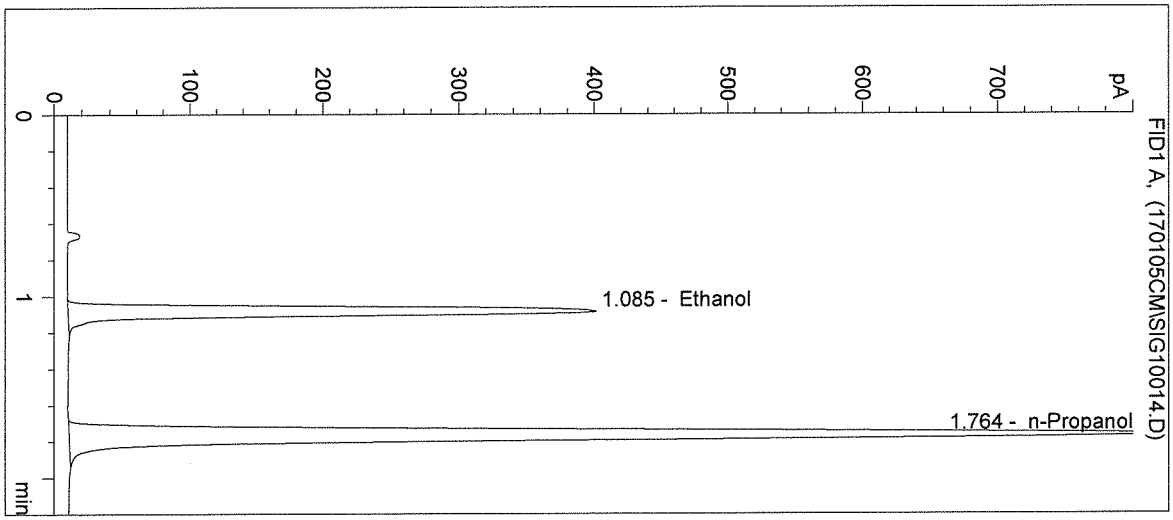


n-Propanol 0.012 g/100mL

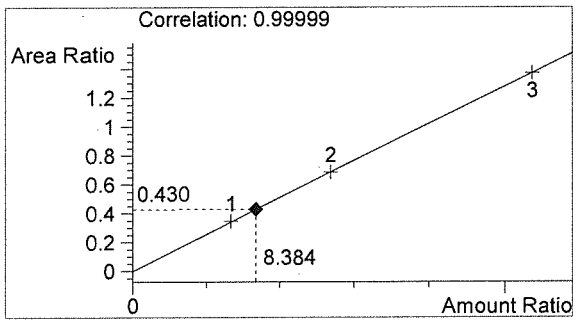
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 2:18:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 17005 #5
Operator: Christie Mitchell-Mata
Location: Vial 14

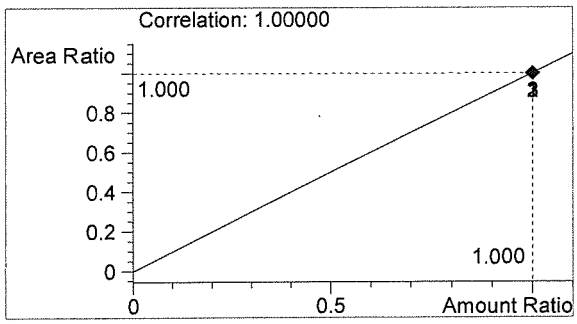


#	Compound	Peak Area	RT (min)
1	Ethanol	1321	1.085
2	n-Propanol	3072	1.764



Ethanol 0.101 g/100mL

BWO

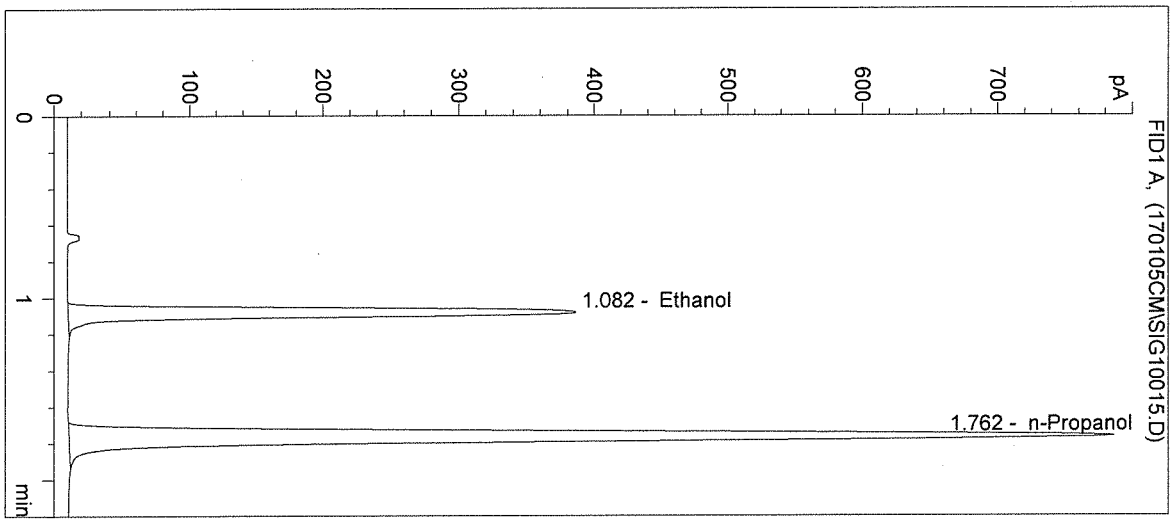


n-Propanol 0.012 g/100mL

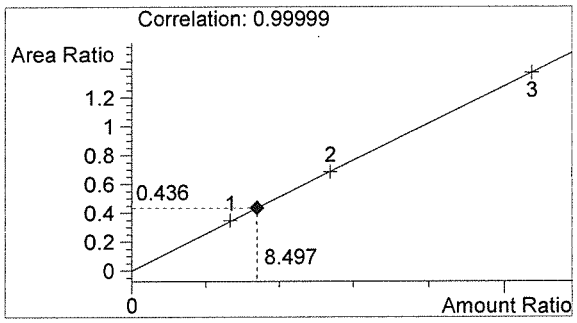
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 2:22:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: 0.10 CTRL
Operator: Christie Mitchell-Mata
Location: Vial 15

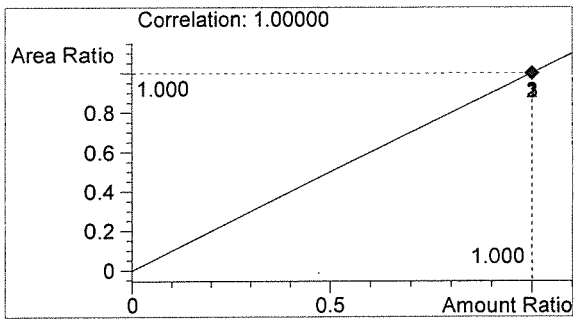


#	Compound	Peak Area	RT (min)
1	Ethanol	1267	1.082
2	n-Propanol	2908	1.762



Ethanol 0.102 g/100mL

BWO

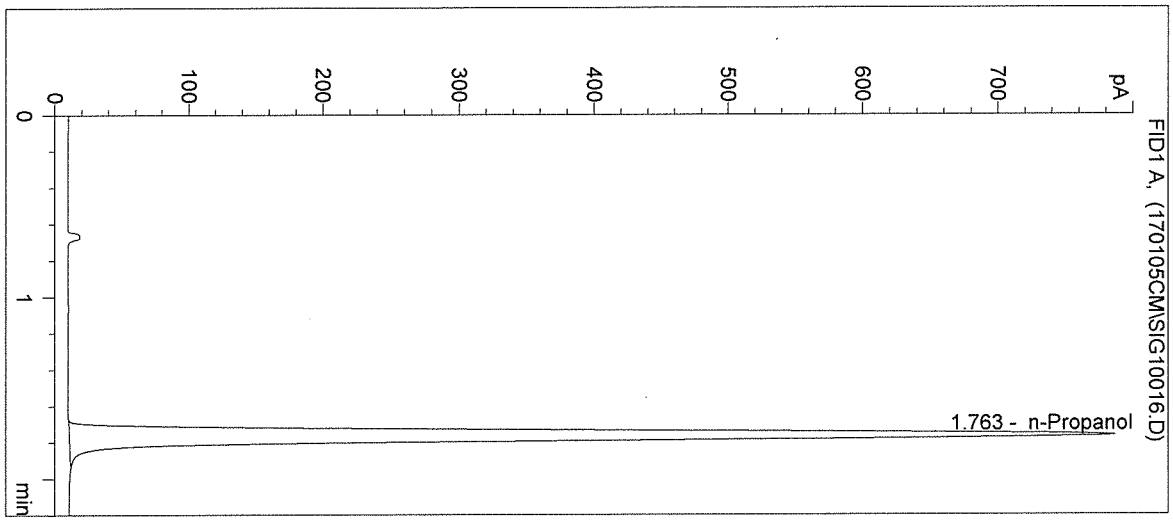


n-Propanol 0.012 g/100mL

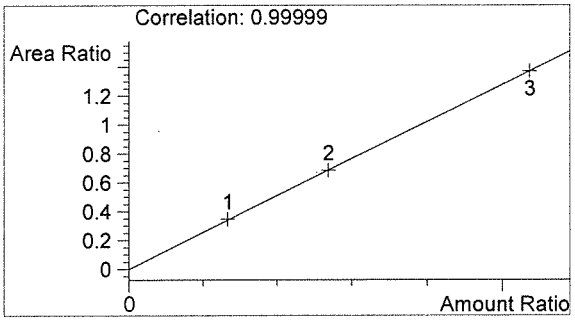
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2017 2:25:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 16

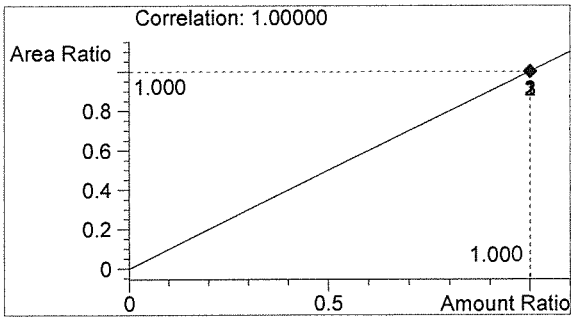


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2909	1.763



Ethanol 0.000 g/100mL

RMO



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170105CM\SIG10016.D

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

Sequence Parameters:

Operator:	Andrew Gingras
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:	170109AG
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# E0916-01 - EXP 3/15/2017
CAL 2 (0.158g/100mL) - LOT# E0916-02 - EXP 3/15/2017
CAL 3 (0.316g/100mL) - LOT# E0916-03 - EXP 3/15/2017

n-Propanol ISTD - LOT# P1116 - 2/23/2017
CTRL 1 (0.04g/100mL) - LOT# FN12181501 - EXP 12/2020
CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018
CTRL 3 (0.20g/100mL) - LOT# FN08101505 - EXP 2/2021

Calibrators and controls filed with 17001
Dilutor #1

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	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	QAP 17001 #1	SIMALC1	1	Sample		
11	Vial 11	QAP 17001 #2	SIMALC1	1	Sample		
12	Vial 12	QAP 17001 #3	SIMALC1	1	Sample		
13	Vial 13	QAP 17001 #4	SIMALC1	1	Sample		
14	Vial 14	QAP 17001 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	QAP 17002 #1	SIMALC1	1	Sample		
18	Vial 18	QAP 17002 #2	SIMALC1	1	Sample		
19	Vial 19	QAP 17002 #3	SIMALC1	1	Sample		
20	Vial 20	QAP 17002 #4	SIMALC1	1	Sample		
21	Vial 21	QAP 17002 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	QAP 17003 #1	SIMALC1	1	Sample		

17005
BLO 1.26.17

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	QAP 17003 #2	SIMALC1	1	Sample		
26	Vial 26	QAP 17003 #3	SIMALC1	1	Sample		
27	Vial 27	QAP 17003 #4	SIMALC1	1	Sample		
28	Vial 28	QAP 17003 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	QAP 17004 #1	SIMALC1	1	Sample		
32	Vial 32	QAP 17004 #2	SIMALC1	1	Sample		
33	Vial 33	QAP 17004 #3	SIMALC1	1	Sample		
34	Vial 34	QAP 17004 #4	SIMALC1	1	Sample		
35	Vial 35	QAP 17004 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	QAP 17005 #1	SIMALC1	1	Sample		
39	Vial 39	QAP 17005 #2	SIMALC1	1	Sample		
40	Vial 40	QAP 17005 #3	SIMALC1	1	Sample		
41	Vial 41	QAP 17005 #4	SIMALC1	1	Sample		
42	Vial 42	QAP 17005 #5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	NEG CTRL	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):

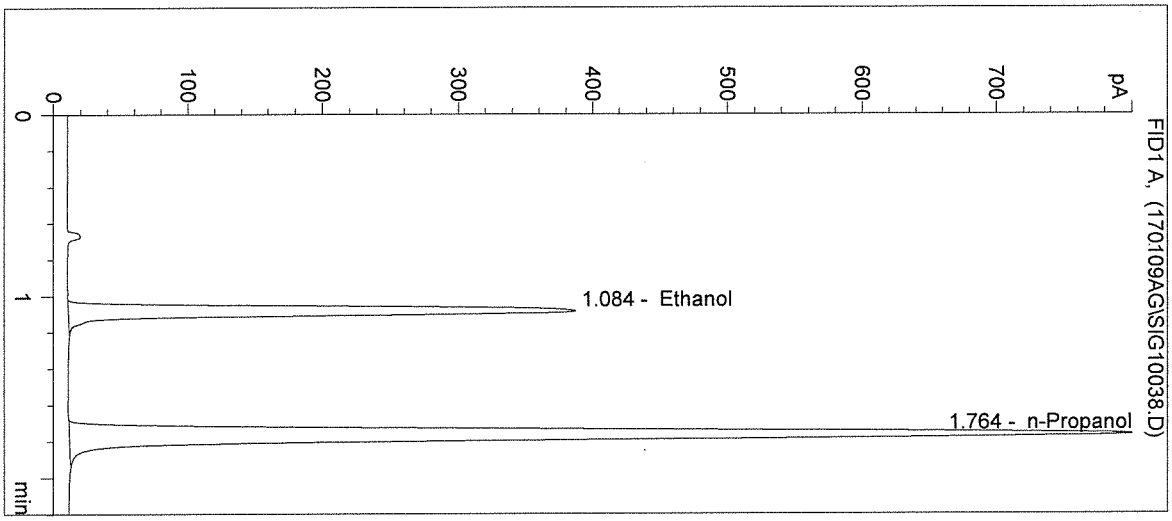
No entries - empty table!

17005
BWO 1.26.17

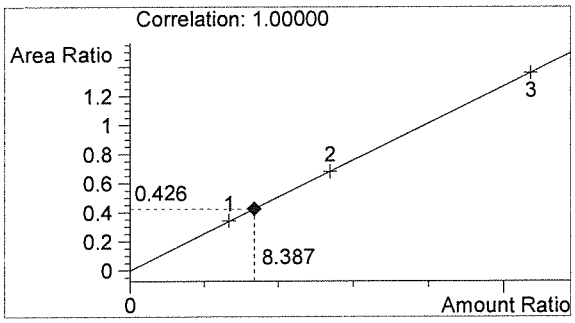
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 5:04:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: QAP 17005 #1
Operator: Andrew Gingras
Location: Vial 38

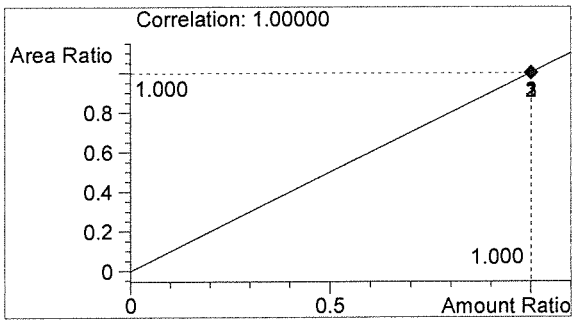


#	Compound	Peak Area	RT (min)
1	Ethanol	1265	1.084
2	n-Propanol	2966	1.764



Ethanol 0.101 g/100mL

RW



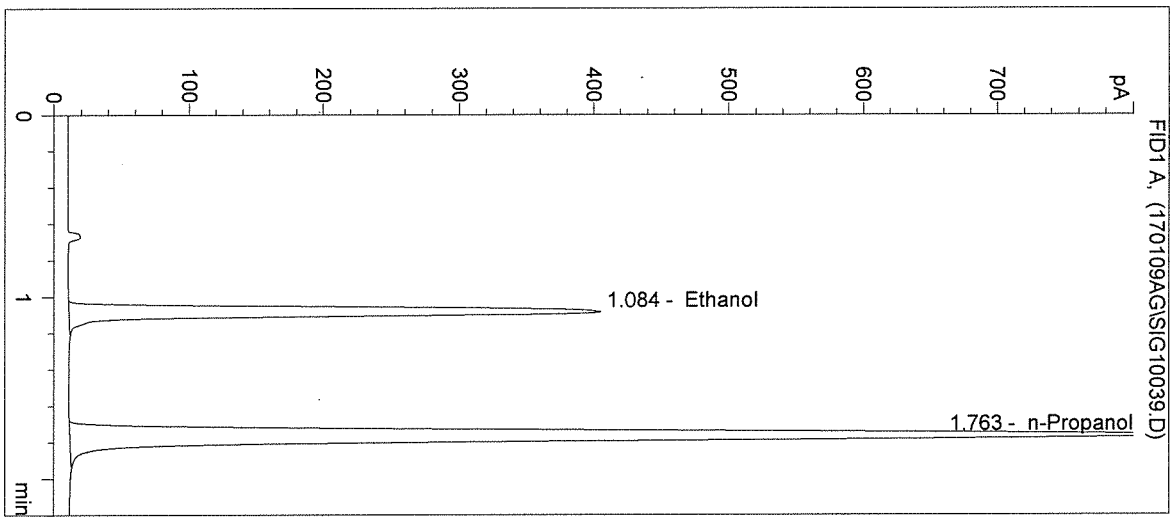
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170109AG\SIG10038.D

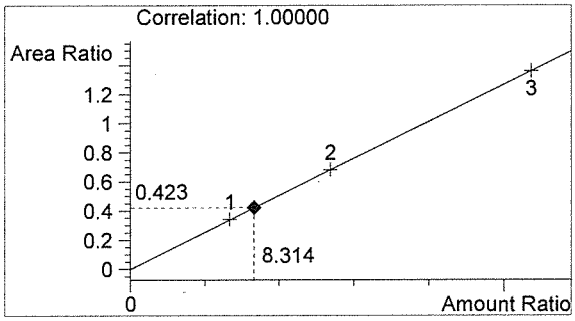
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 5:07:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: QAP 17005 #2
Operator: Andrew Gingras
Location: Vial 39

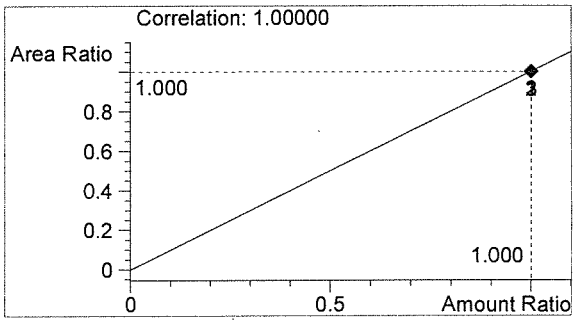


#	Compound	Peak Area	RT (min)
1	Ethanol	1315	1.084
2	n-Propanol	3112	1.763



Ethanol 0.100 g/100mL

BW



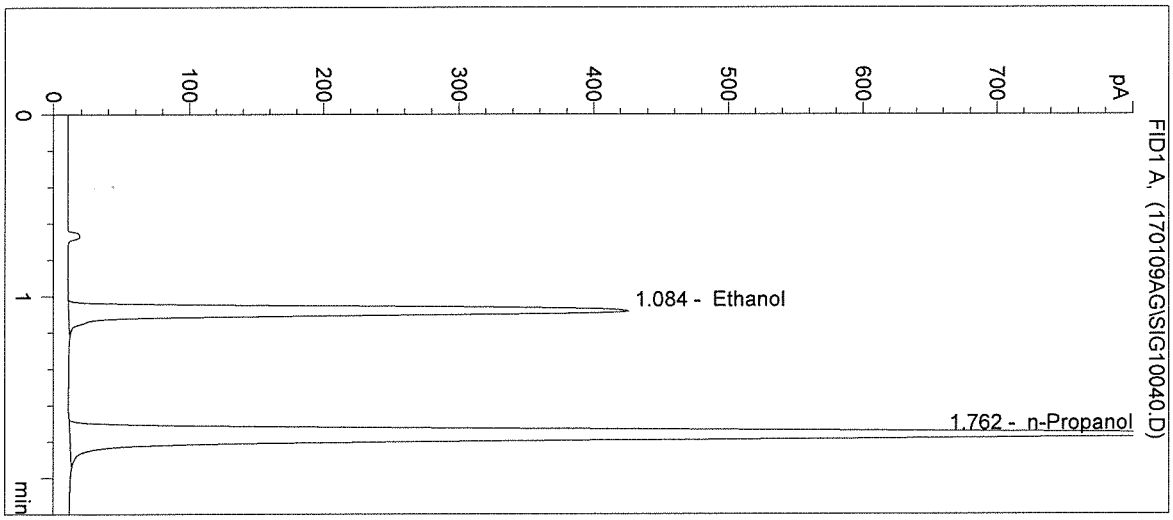
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170109AG\SIG10039.D

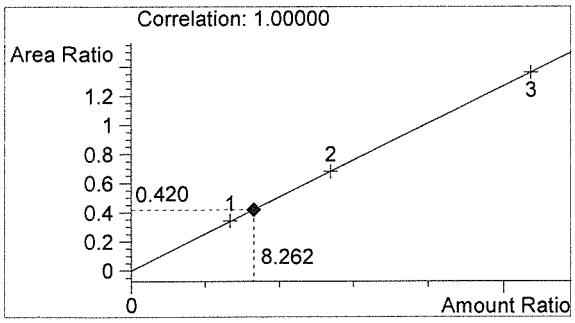
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 5:10:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

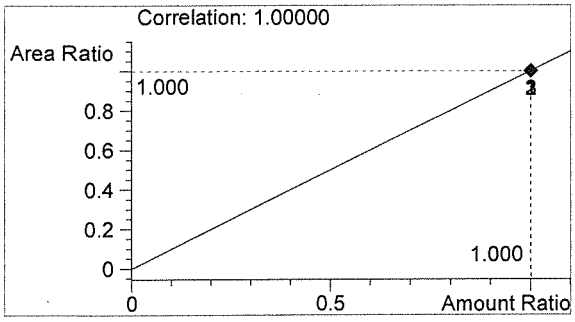
Sample Name: QAP 17005 #3
Operator: Andrew Gingras
Location: Vial 40



#	Compound	Peak Area	RT (min)
1	Ethanol	1378	1.084
2	n-Propanol	3280	1.762



Ethanol 0.099 g/100mL

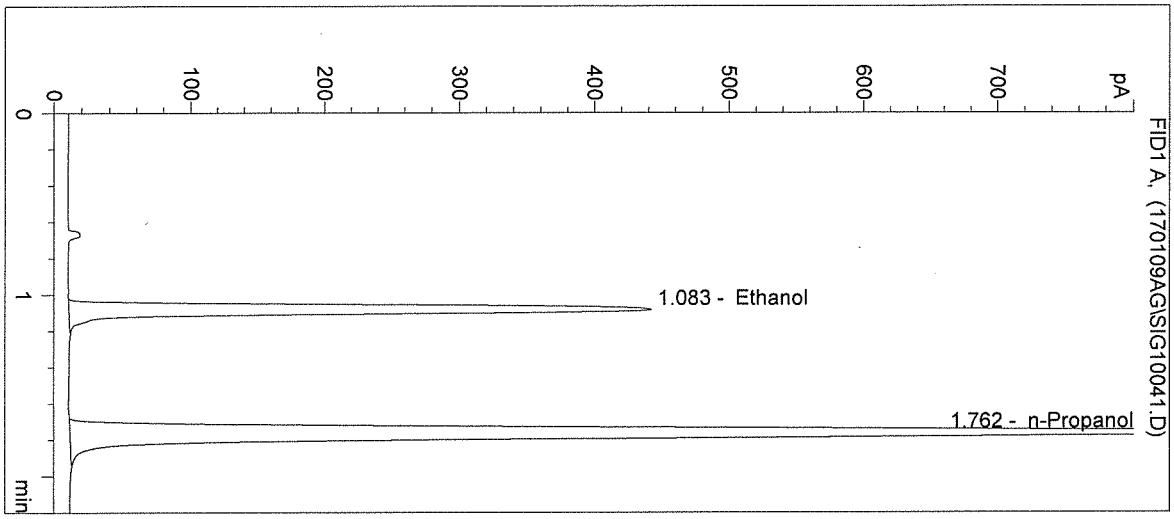


n-Propanol 0.012 g/100mL

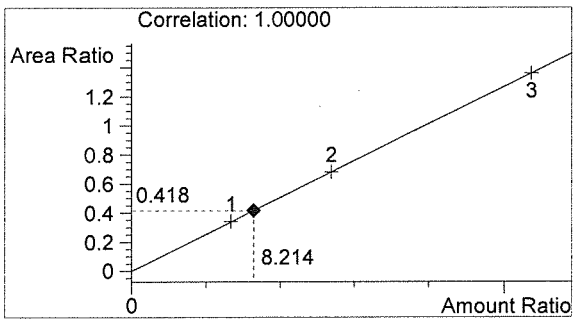
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 5:13:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: QAP 17005 #4
Operator: Andrew Gingras
Location: Vial 41

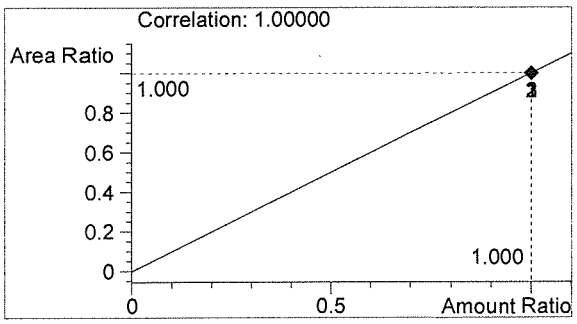


#	Compound	Peak Area	RT (min)
1	Ethanol	1428	1.083
2	n-Propanol	3419	1.762



Ethanol 0.099 g/100mL

BW



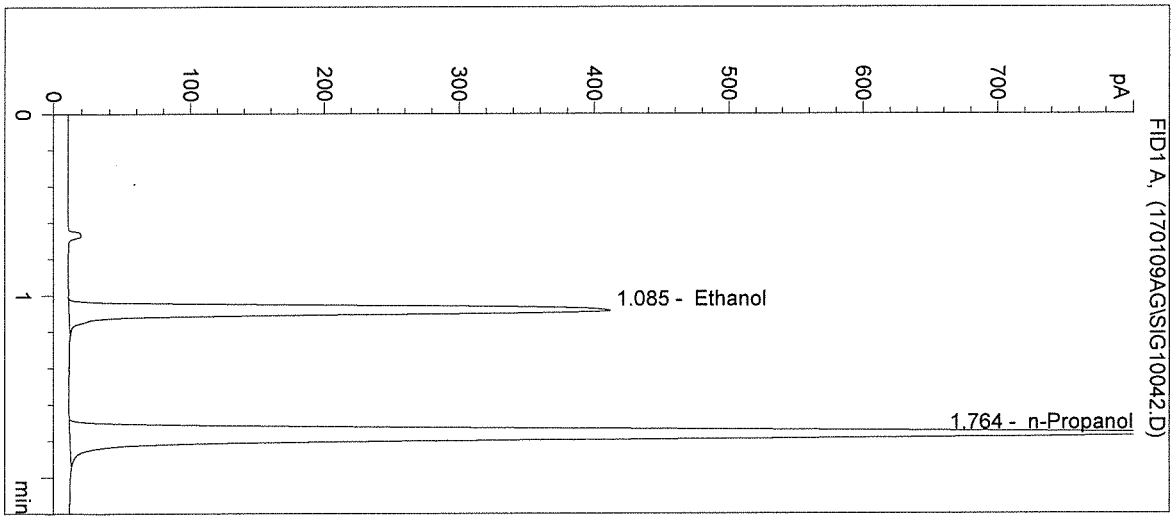
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170109AG\SIG10041.D

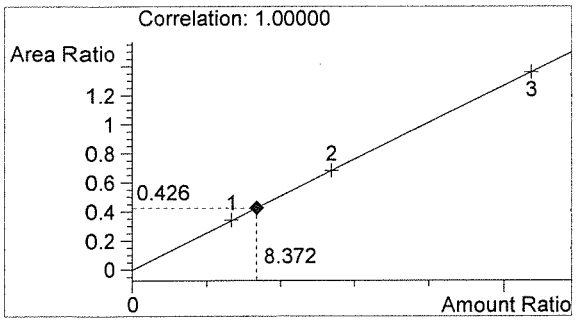
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 5:17:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

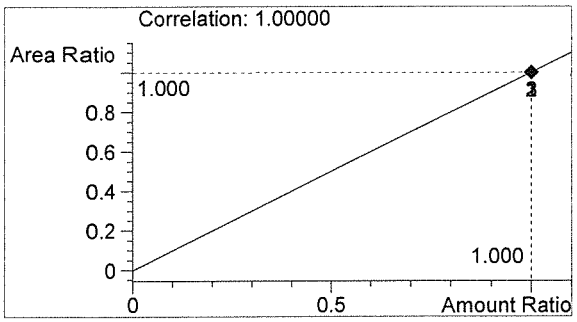
Sample Name: QAP 17005 #5
Operator: Andrew Gingras
Location: Vial 42



#	Compound	Peak Area	RT (min)
1	Ethanol	1341	1.085
2	n-Propanol	3150	1.764



Ethanol 0.100 g/100mL

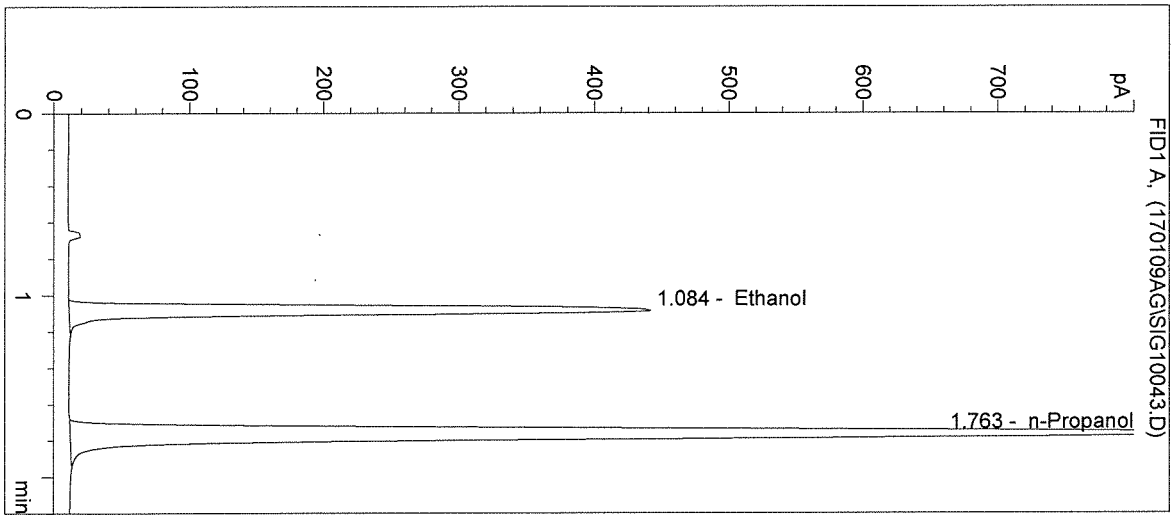


n-Propanol 0.012 g/100mL

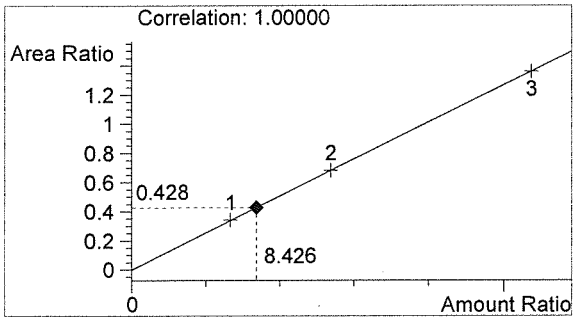
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 5:20:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 43

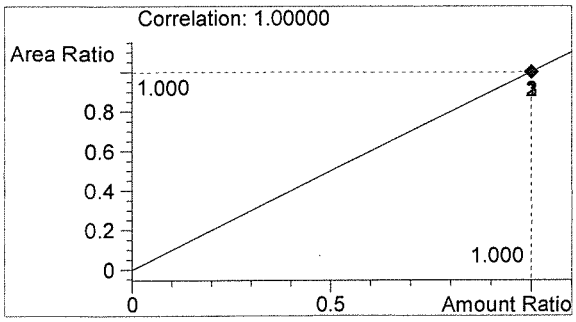


#	Compound	Peak Area	RT (min)
1	Ethanol	1437	1.084
2	n-Propanol	3355	1.763



Ethanol 0.101 g/100mL

BW



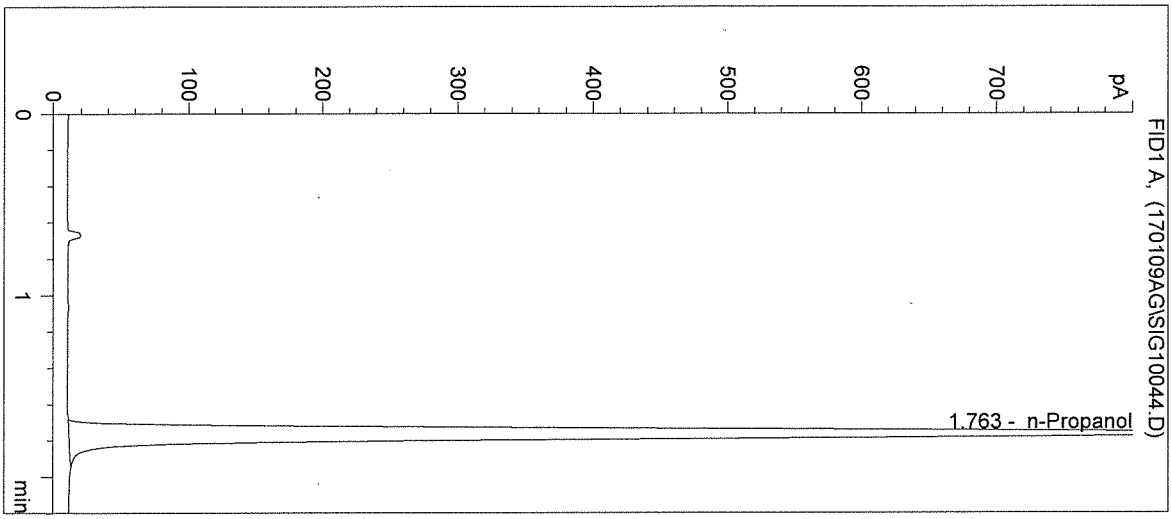
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170109AG\SIG10043.D

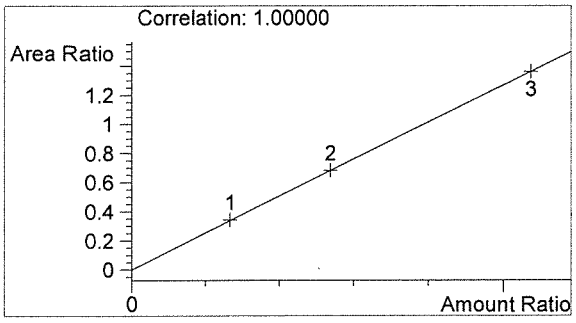
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/9/2017 5:23:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

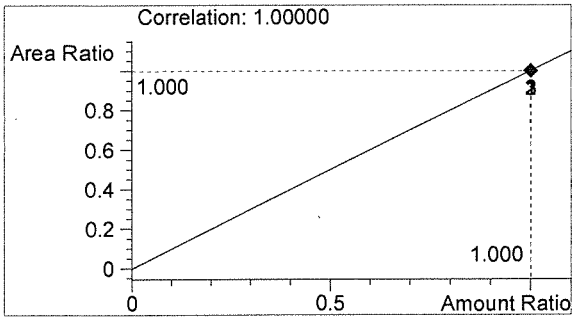
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 44



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3337	1.763



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Lyndsey 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:	170110LK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1 0.079 g/100 mL, E0916-01 - Exp. 03/15/17
Ethanol Calibrator 2 0.158 g/100 mL, E0916-02 - Exp. 03/15/17
Ethanol Calibrator 3 0.316 g/100 mL, E0916-03 - Exp. 03/15/17

0.04 Control - Lot #FN12181501 - Exp. 12/2020
0.10 Control - Lot #FN08051301 - Exp. 10/2018
0.20 Control - Lot #FN08101505 - Exp. 02/2021

ISTD Lot#P1116 - Exp. 02/23/2017

Calibration 1-9 filed with 17001

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	Negative CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17001 #1	SIMALC1	1	Sample		
11	Vial 11	17001 #2	SIMALC1	1	Sample		
12	Vial 12	17001 #3	SIMALC1	1	Sample		
13	Vial 13	17001 #4	SIMALC1	1	Sample		
14	Vial 14	17001 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17002 #1	SIMALC1	1	Sample		
18	Vial 18	17002 #2	SIMALC1	1	Sample		
19	Vial 19	17002 #3	SIMALC1	1	Sample		
20	Vial 20	17002 #4	SIMALC1	1	Sample		
21	Vial 21	17002 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	17003 #1	SIMALC1	1	Sample		

17005
BLLO 1-26-17

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	17003 #2	SIMALC1	1	Sample		
26	Vial 26	17003 #3	SIMALC1	1	Sample		
27	Vial 27	17003 #4	SIMALC1	1	Sample		
28	Vial 28	17003 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	Negative CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17004 #1	SIMALC1	1	Sample		
32	Vial 32	17004 #2	SIMALC1	1	Sample		
33	Vial 33	17004 #3	SIMALC1	1	Sample		
34	Vial 34	17004 #4	SIMALC1	1	Sample		
35	Vial 35	17004 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	Negative CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	17005 #1	SIMALC1	1	Sample		
39	Vial 39	17005 #2	SIMALC1	1	Sample		
40	Vial 40	17005 #3	SIMALC1	1	Sample		
41	Vial 41	17005 #4	SIMALC1	1	Sample		
42	Vial 42	17005 #5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	Negative CTRL	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!

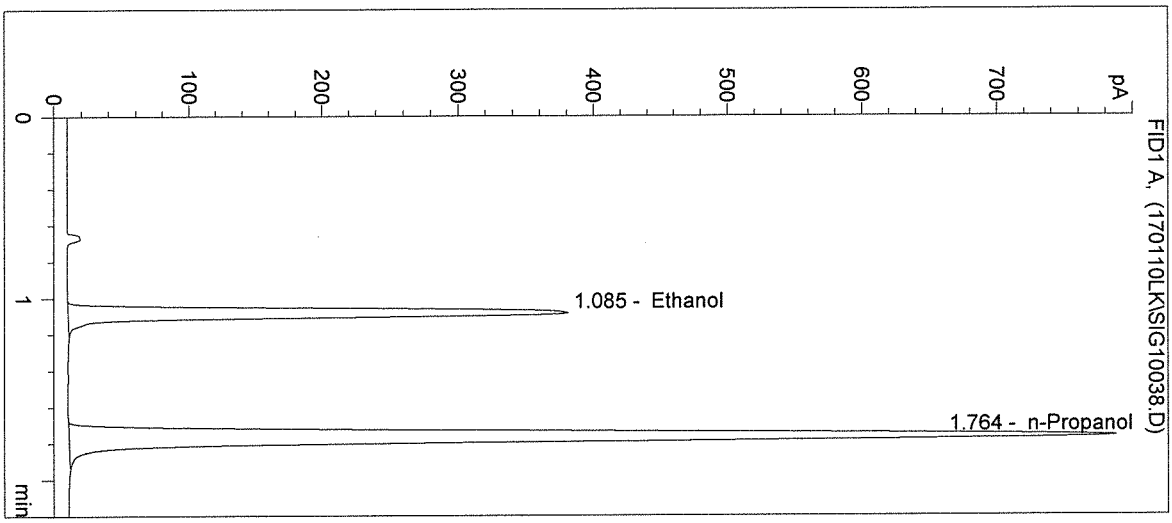
17005
PAC 1.26.17

PAC 1.26.17
17010

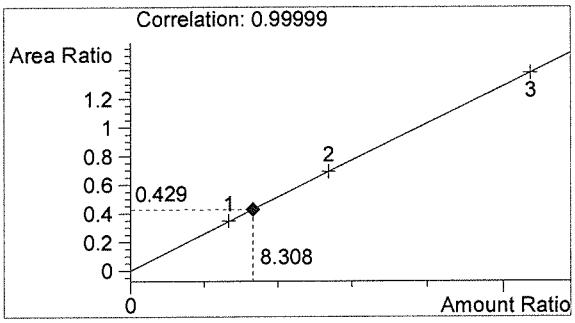
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2017 6:23:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 17005 #1
Operator: Lyndsey Knoy
Location: Vial 38

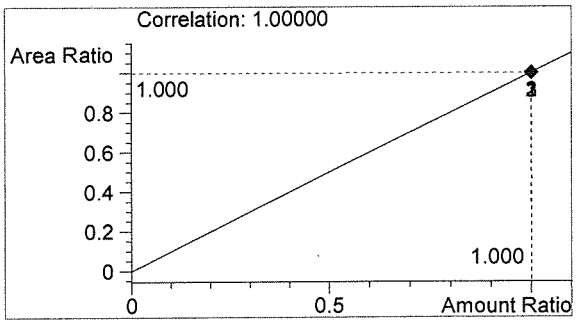


#	Compound	Peak Area	RT (min)
1	Ethanol	1253	1.085
2	n-Propanol	2919	1.764



Ethanol 0.100 g/100mL

RW

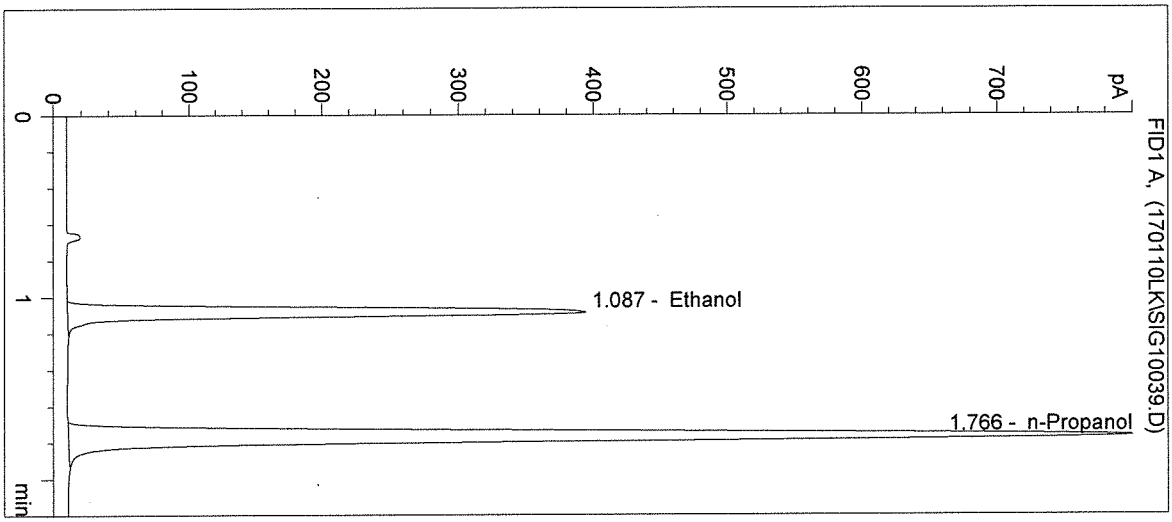


n-Propanol 0.012 g/100mL

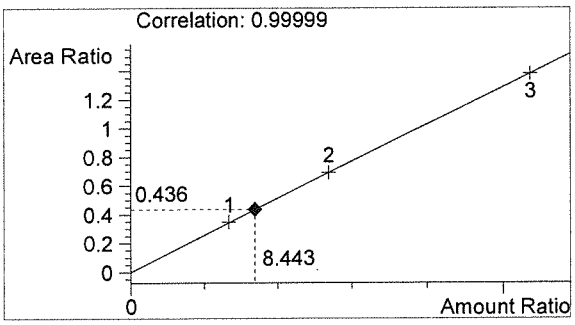
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2017 6:26:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

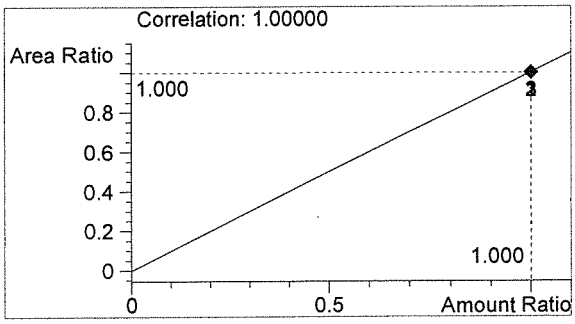
Sample Name: 17005 #2
Operator: Lyndsey Knoy
Location: Vial 39



#	Compound	Peak Area	RT (min)
1	Ethanol	1302	1.087
2	n-Propanol	2986	1.766



Ethanol 0.101 g/100mL



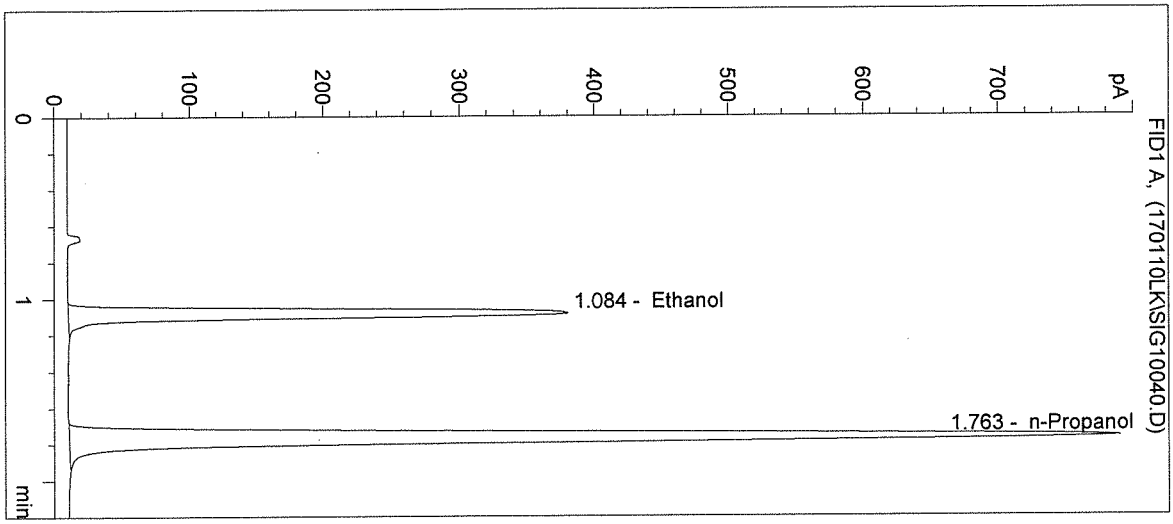
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170110LK\SIG10039.D

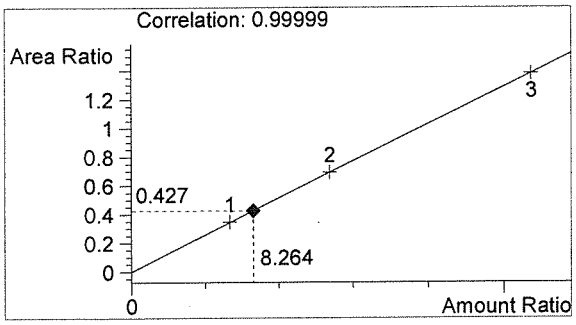
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2017 6:29:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

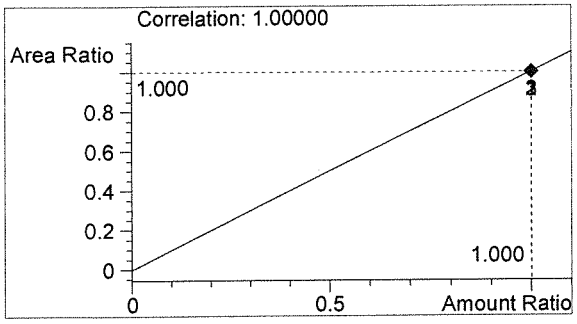
Sample Name: 17005 #3
Operator: Lyndsey Knoy
Location: Vial 40



#	Compound	Peak Area	RT (min)
1	Ethanol	1248	1.084
2	n-Propanol	2923	1.763



Ethanol 0.099 g/100mL



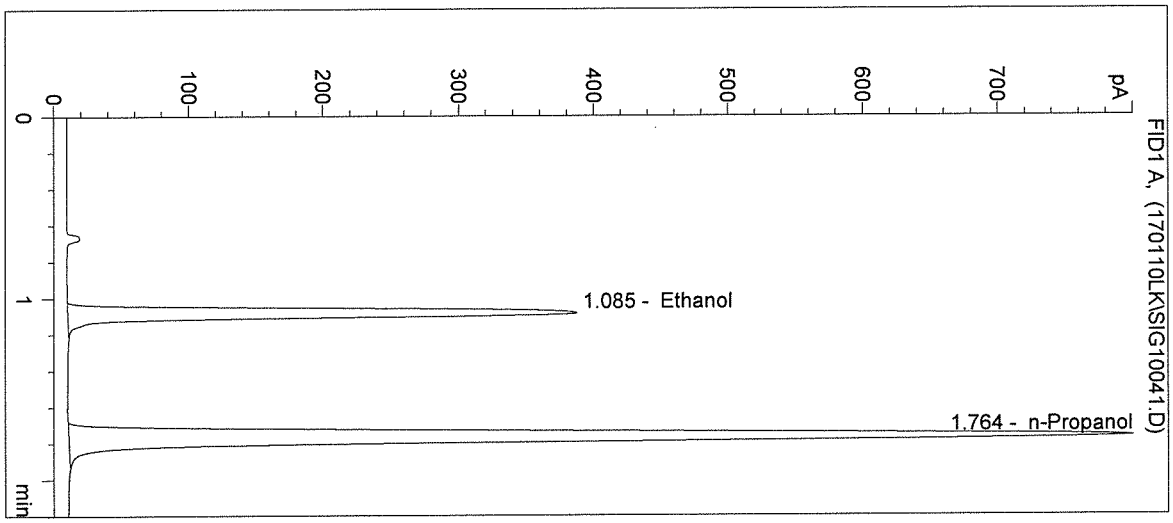
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170110LK\SIG10040.D

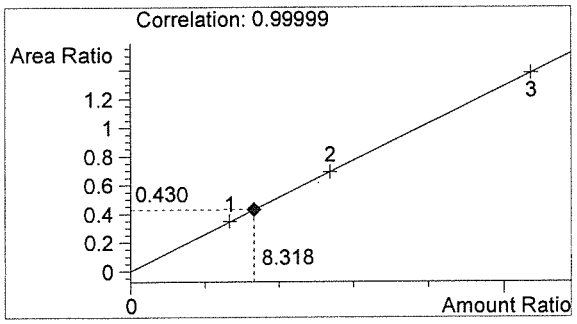
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2017 6:32:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

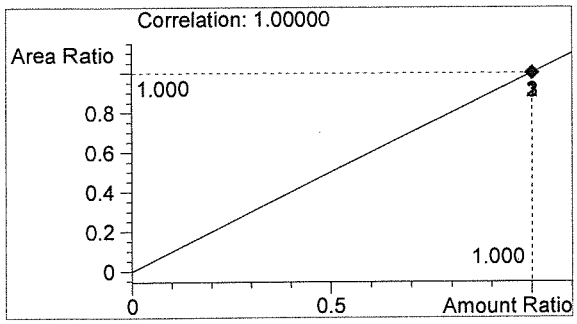
Sample Name: 17005 #4
Operator: Lyndsey Knoy
Location: Vial 41



#	Compound	Peak Area	RT (min)
1	Ethanol	1274	1.085
2	n-Propanol	2964	1.764



Ethanol 0.100 g/100mL



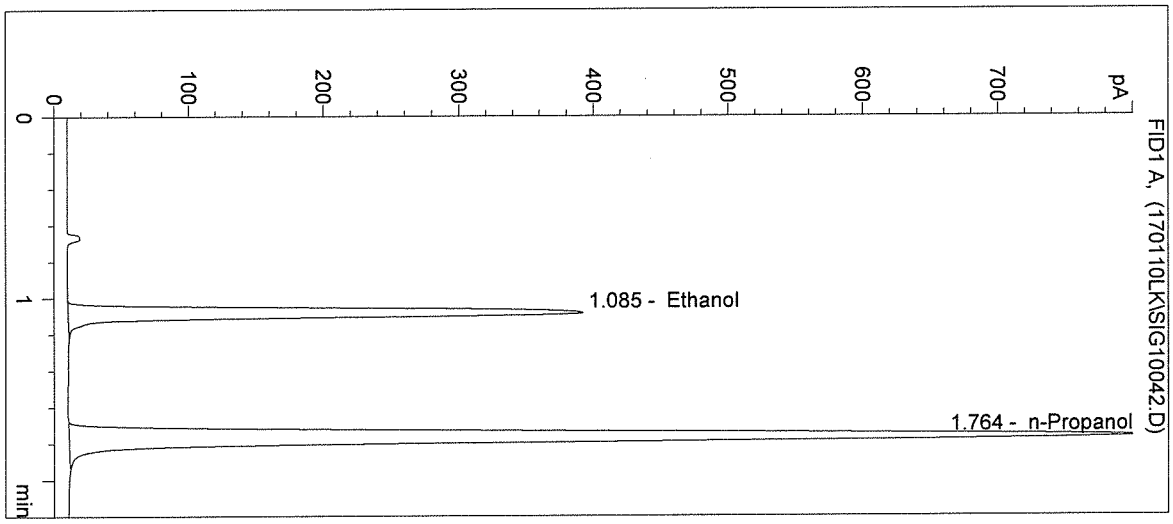
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170110LK\SIG10041.D

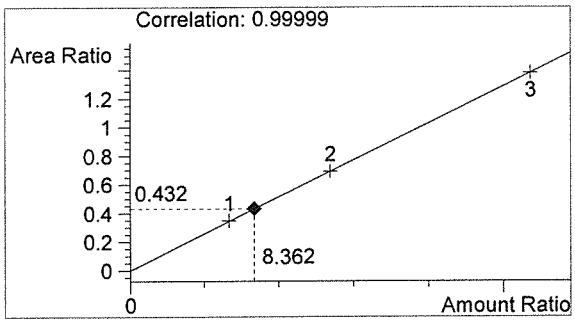
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2017 6:36:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

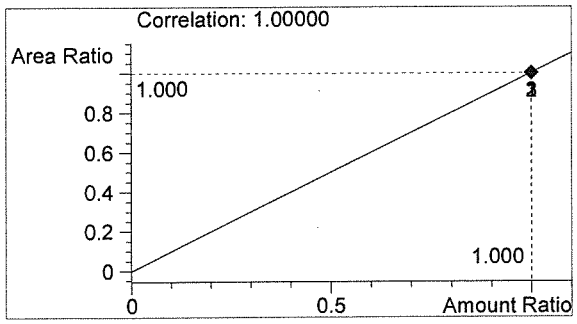
Sample Name: 17005 #5
Operator: Lyndsey Knoy
Location: Vial 42



#	Compound	Peak Area	RT (min)
1	Ethanol	1294	1.085
2	n-Propanol	2995	1.764



Ethanol 0.100 g/100mL

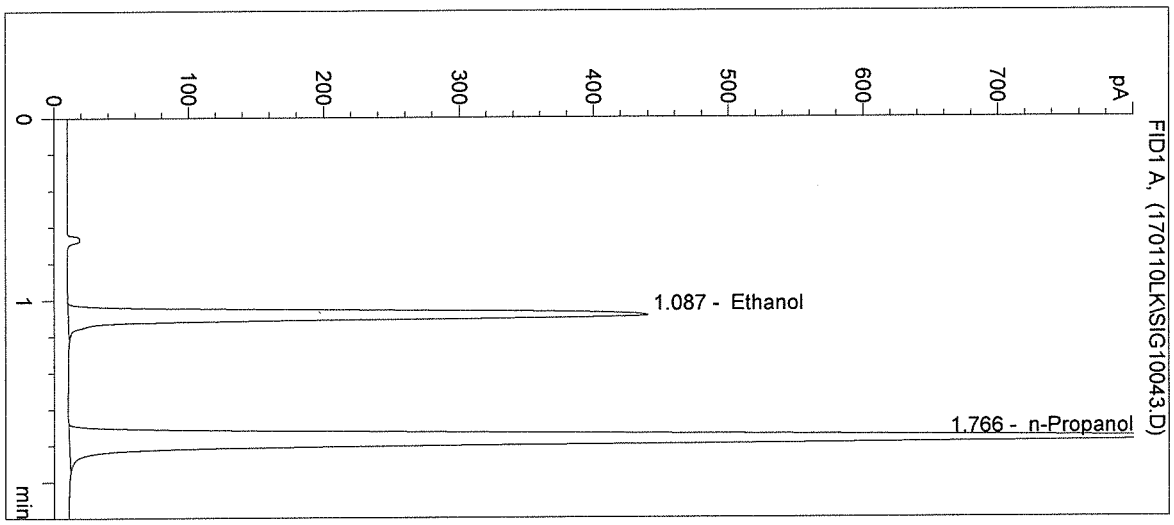


n-Propanol 0.012 g/100mL

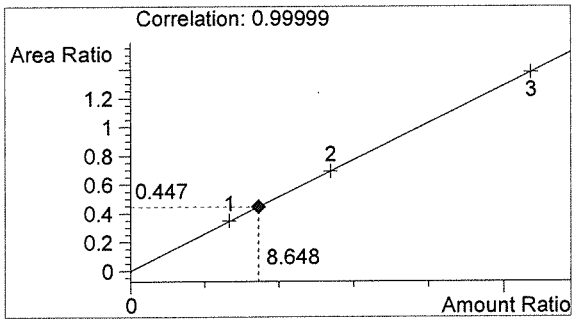
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2017 6:39:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

Sample Name: 0.10 CTRL
Operator: Lyndsey Knoy
Location: Vial 43

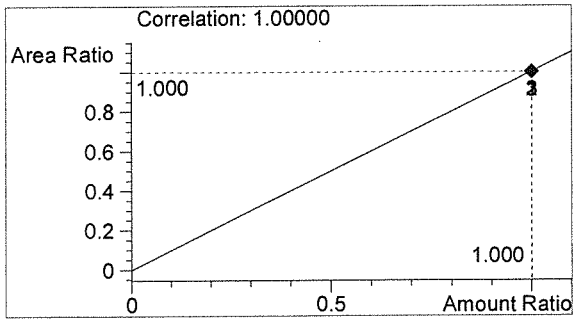


#	Compound	Peak Area	RT (min)
1	Ethanol	1465	1.087
2	n-Propanol	3280	1.766



Ethanol 0.104 g/100mL

RLW

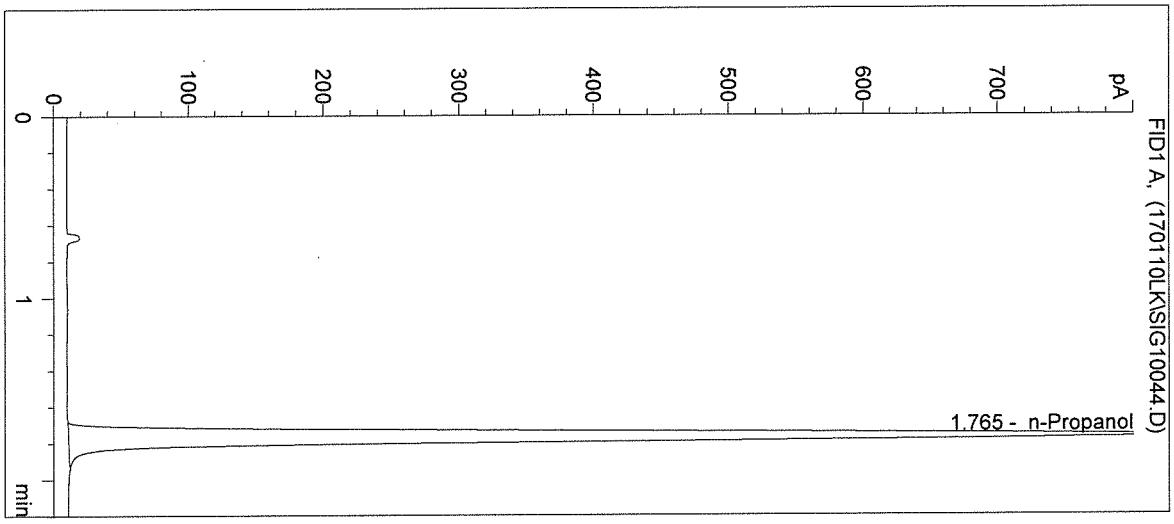


n-Propanol 0.012 g/100mL

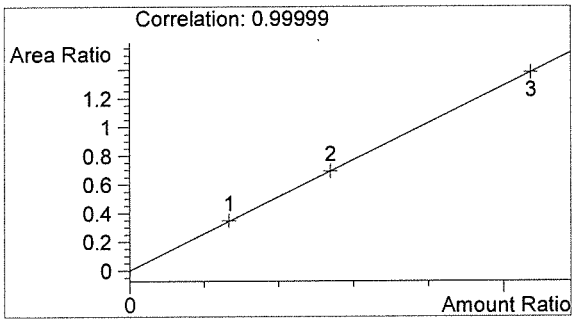
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/10/2017 6:42:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17005

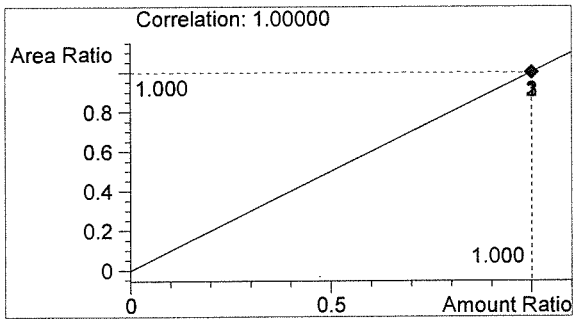
Sample Name: Negative CTRL
Operator: Lyndsey Knoy
Location: Vial 44



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3073	1.765



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL
