



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17006

CUSTOMER INFORMATION

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

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

TESTING ITEM INFORMATION

TARGET VAPOR CONCENTRATION: 0.20 g/210L
DATE PREPARED: 01/07/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: David Nguyen

	DN	AC	JLK
1	0.255	0.255	0.251
2	0.253	0.254	0.251
3	0.254	0.255	0.251
4	0.257	0.257	0.250
5	0.255	0.254	0.254
C	0.102	0.102	0.102

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.2537 g/100mL PRECISION CV (%): 0.85
STANDARD DEVIATION: 0.00215 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.2063 g/210L**
EXPANDED UNCERTAINTY: ± 0.0044 (k=2, 95.45% confidence interval)


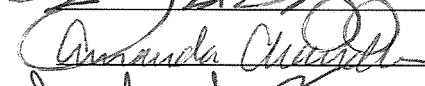
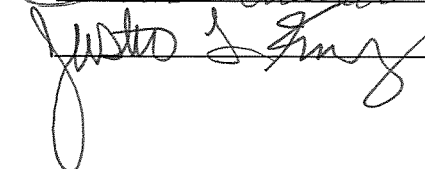
WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Brianne E. O'Reilly Technical Lead

1-24-2017
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
DN	David Nguyen		01/07/2017
AC	Amanda Chandler		01/07/2017
JLK	Justin L. Knoy		01/11/2017

SIMULATOR SOLUTION DATA ENTRY REVIEW

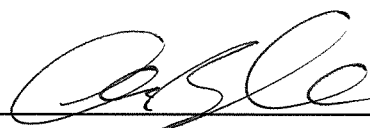
Reviewer/s: Amanda M. Black Date: 2-1-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17006

	YES	NO	N/A
Analysis dates do not precede preparation date:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Declarations signed and properly dated:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data entry corresponds to all chromatograms:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All signatures present on Test Report:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Average solution concentration correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard deviation correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CV (%) correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equivalent vapor concentration correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All chromatograms and sequences included in file:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethanol control information present: (lot # present & used within expiration)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complies with accuracy and precision requirements established by the State Toxicologist:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Reviewer Signature: _____



Date: _____

2-1-17

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

QAP Solution Batch #: 17006

Date Prepared: 1/7/2017

Analyst:	DN	AC	JLK
Date Tested:	1/7/2017	1/7/2017	1/11/2017
Instrument:	HSGC 1	HSGC 1	HSGC 1
1	0.255	0.255	0.251
2	0.253	0.254	0.251
3	0.254	0.255	0.251
4	0.257	0.257	0.250
5	0.255	0.254	0.254
C	0.102	0.102	0.102

CV ² _{COA}	CV ² _{QAP Solution}	CV ² _{Control}	CV ² _{Part Coef}
0.0000084100	0.0000048028	0.0000000000	0.0001016326

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

Average Solution Concentration: 0.2537 g/100mL
Standard Deviation: 0.00215 g/100mL
Precision CV (%): 0.85
Equivalent Vapor Concentration: 0.2063 g/210L
Combined Standard Uncertainty (±): 0.0022 g/210L
Expanded Uncertainty (±): 0.0044 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brianne E. O'Reilly Brianne E. O'Reilly 1-23-17
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 2-1-17
Name Signature Date

Method: Hand calculation

Tech. review performed by: Brianne E. O'Reilly Brianne E. O'Reilly 1-23-17
Name Signature Date

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	AZ	1/23/17
Andrew Gingras		
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen	DN	1/24/17
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	JK	1.23.17
Katie Harris		
Lyndsey Knoy		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 17006
Buo 1.23.17

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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17006**

I, David Nguyen, 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 17006, was prepared in the Washington State Toxicology Laboratory on 1/7/2017. 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 1/7/2018.

Seattle, WA

 1/24/17

David Nguyen

Date

Forensic Scientist

JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17006**

I, Amanda Chandler, 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: MS degree in Forensic Toxicology.

The quality assurance procedure (QAP) solution, Lot Number 17006, was prepared in the Washington State Toxicology Laboratory on 1/7/2017. 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 1/7/2018.

Seattle, WA

A handwritten signature in black ink that reads "Amanda Chandler" followed by a date "1/23/2017".

Amanda Chandler

Date

Forensic Scientist



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17006**

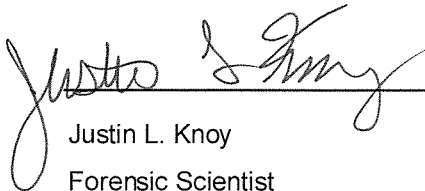
I, Justin L. Knoy, do certify under penalty of perjury that:

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 Biology, and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 17006, was prepared in the Washington State Toxicology Laboratory on 1/7/2017. 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 1/7/2018.

Seattle, WA

 1.23.17
Justin L. Knoy Date
Forensic Scientist

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

Preparation Date: 11/7/17 Expiration Date: 11/7/18 Initials of Preparer: DN

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

Date the 200-proof Ethanol bottle was opened: 12/20/14

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	<input type="checkbox"/>	_____
QAP 0.08	22.4	18	<input type="checkbox"/>	_____
QAP 0.10	28.1	18	<input type="checkbox"/>	_____
QAP 0.15	42.1	18	<input type="checkbox"/>	_____
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>17006</u>
ESS	66.5	52	<input type="checkbox"/>	_____

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed

11/7/17
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:

[Signature]
Analyst Signature

11/7/17
Date

DN

Sequence Parameters:

Operator: David Nguyen
 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: 170107DN
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

CAL 1: 0.079 g/100mL - Lot: E0916-01 - X: 03/15/17
 CAL 2: 0.158 g/100mL - Lot: E0916-02 - X: 03/15/17
 CAL 3: 0.316 g/100mL - Lot: E0916-03 - X: 03/15/17

 CTRL 1: 0.04 g/100mL - Lot: FN12181501 - X: 12/2020
 CTRL 2: 0.10 g/100mL - Lot: FN08051301 - X: 10/2018
 CTRL 3: 0.20 g/100mL - Lot: FN08101505 - X: 02/2021

 n-Propranol ISTD - Lot: P1116 - X: 02/23/17

 Calibration vials 1-9 filed with 17006.

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	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17006 #1	SIMALC1	1	Sample		
11	Vial 11	17006 #2	SIMALC1	1	Sample		
12	Vial 12	17006 #3	SIMALC1	1	Sample		
13	Vial 13	17006 #4	SIMALC1	1	Sample		
14	Vial 14	17006 #5	SIMALC1	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

DN

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Replace		Replace		

AWO

Sequence: C:\HPCHEM\1\SEQUENCE\DN-QAP.S

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
3	Vial 3	CAL 2 (0.158)	SIMALC1	2	Replace		Replace		
4	Vial 4	CAL 3 (0.316)	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

17006'
BWD

DN

=====
 Calibration Table
 =====

Calib. Data Modified : Saturday, January 07, 2017 9:27:30 AM

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

Sample ISTD Information:

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

17006
 BUO 1.23.17

Signal 1: FID1 A,

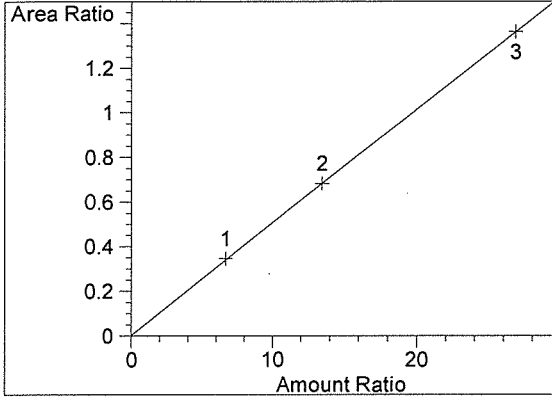
RetTime [min]	Lvl Sig	Amount [g/100mL]	Area	Amt/Area	Ref Grp Name
1.086	1 1	8.00100e-2	992.19879	8.06391e-5	1 Ethanol
		2 1.61200e-1	1961.72668	8.21725e-5	
		3 3.21790e-1	3882.72778	8.28773e-5	
1.765	1 1	1.20000e-2	2867.19312	4.18528e-6	I1 n-Propanol
		2 1.20000e-2	2872.97900	4.17685e-6	
		3 1.20000e-2	2848.05884	4.21340e-6	

=====
 Peak Sum Table
 =====

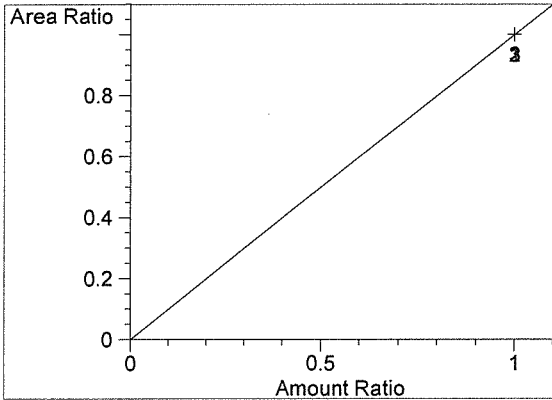
No Entries in table
 =====

DN

=====
Calibration Curves
=====



Ethanol at exp. RT: 1.086
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00417
Formula: $y = mx + b$
m: 5.07474e-2
b: 2.81573e-3
x: Amount Ratio
y: Area Ratio



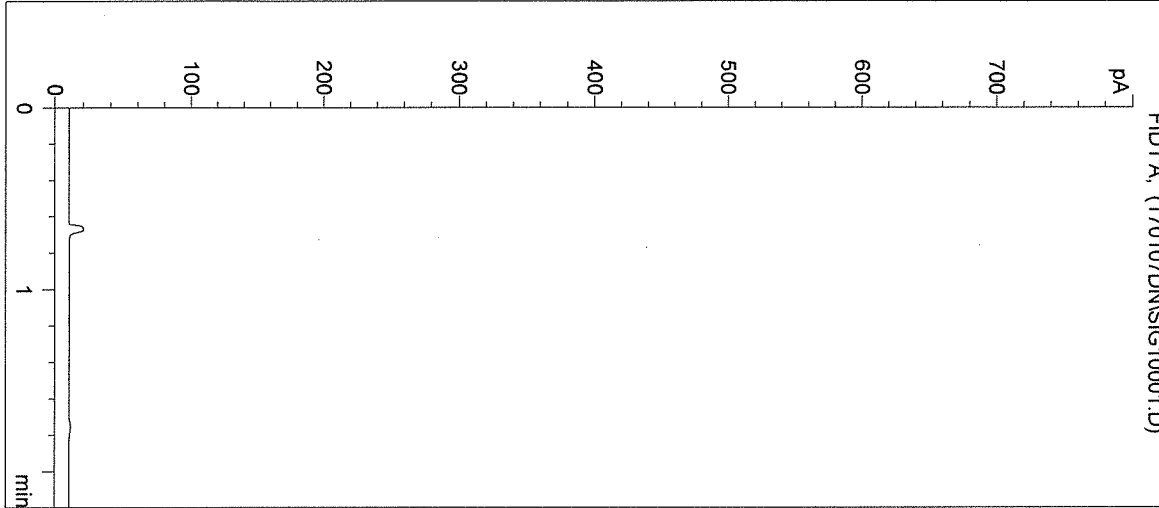
n-Propanol at exp. RT: 1.765
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

17006
Pw01-23-17

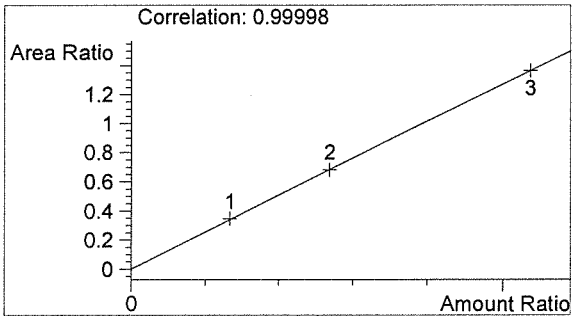
DN

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

Inj. Date: 1/7/2017 9:15:24 AM Sample Name: BLANK
Instrument: HSGC#1 Operator: David Nguyen
Column: DB-ALC1 Location: Vial 1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17006

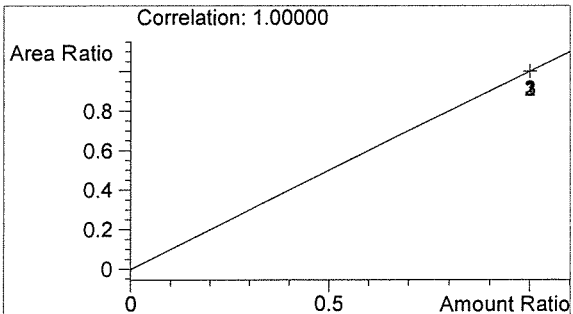


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

BLW



n-Propanol 0.000 g/100mL

DN

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

Inj. Date: 1/7/2017 9:18:42 AM

Sample Name: CAL 1 (0.079)

Instrument: HSGC#1

Operator: David Nguyen

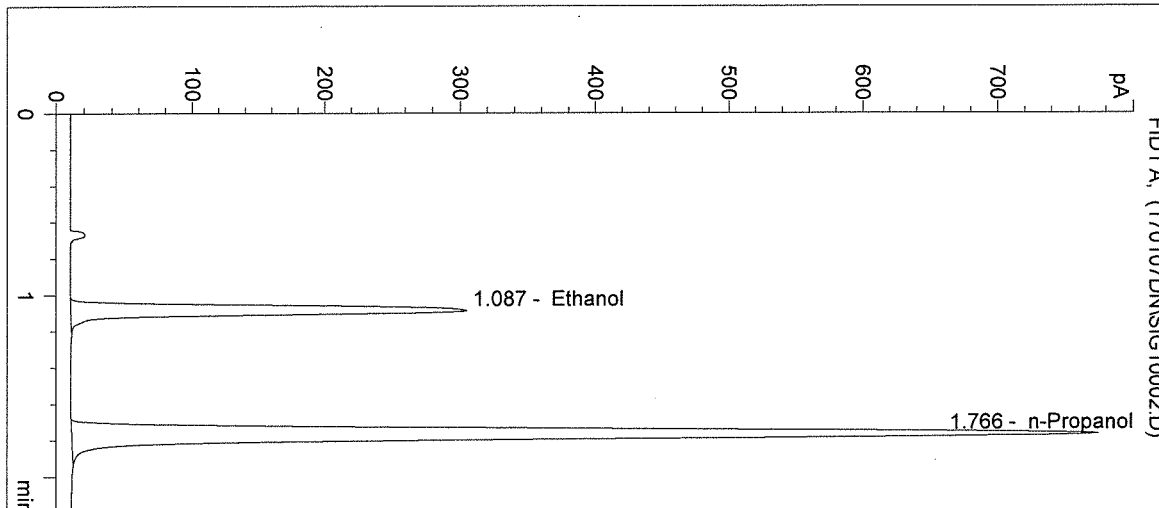
Column: DB-ALC1

Location: Vial 2

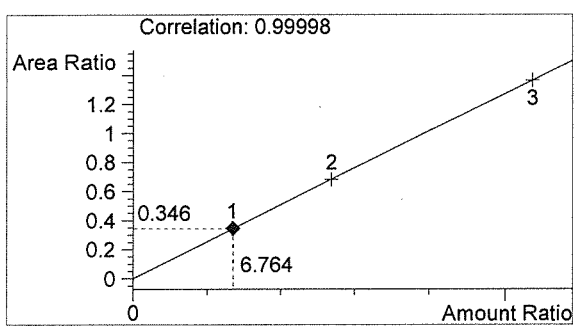
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: CAL 1: 0.079 g/100mL
 17006

->

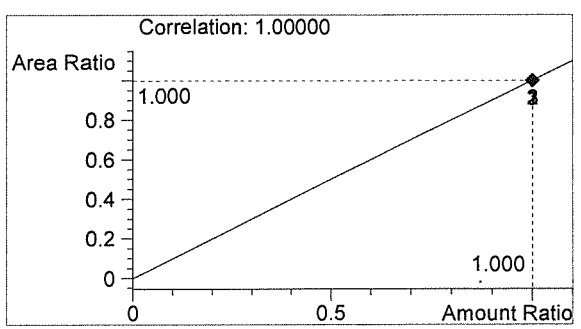


#	Compound	Peak Area	RT (min)
1	Ethanol	992	1.087
2	n-Propanol	2867	1.766



Ethanol 0.081 g/100mL

BW



n-Propanol 0.012 g/100mL

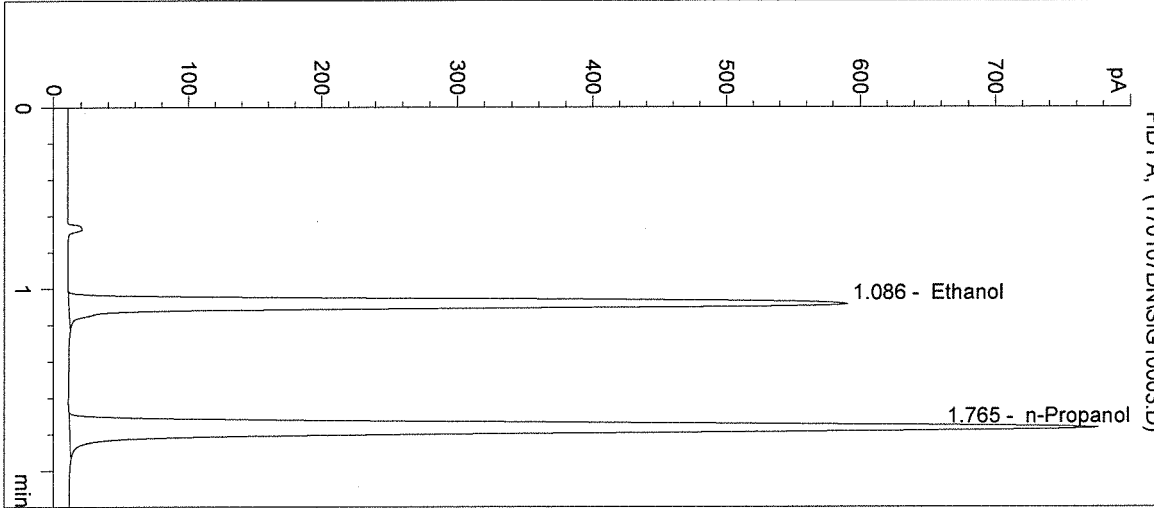
DN

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 2203 Airport Way S Seattle, WA 98134

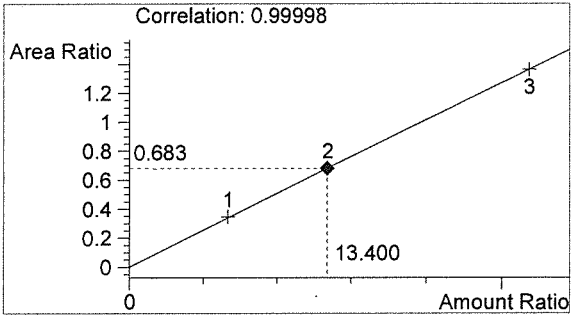
Inj. Date: 1/7/2017 9:21:59 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: CAL 2: 0.158 g/100mL
 17006

Sample Name: CAL 2 (0.158)
 Operator: David Nguyen
 Location: Vial 3

->

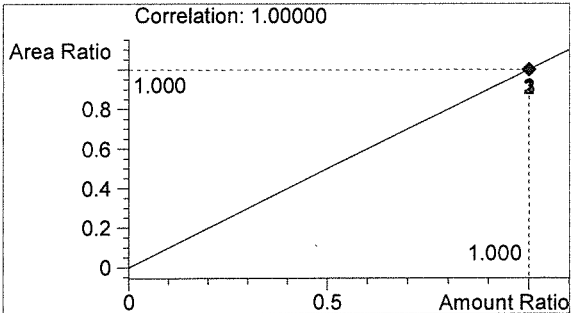


#	Compound	Peak Area	RT (min)
1	Ethanol	1962	1.086
2	n-Propanol	2873	1.765



Ethanol 0.161 g/100mL

BWD



n-Propanol 0.012 g/100mL

DZ

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

Inj. Date: 1/7/2017 9:25:16 AM

Sample Name: CAL 3 (0.316)

Instrument: HSGC#1

Operator: David Nguyen

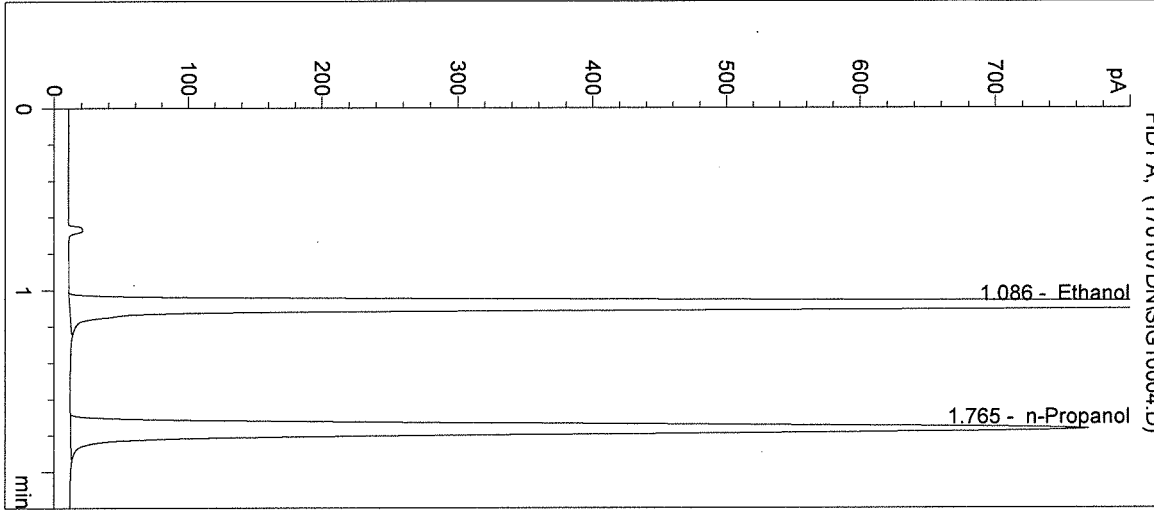
Column: DB-ALC1

Location: Vial 4

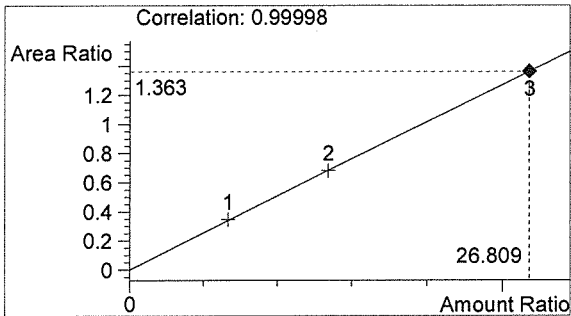
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: CAL 3: 0.316 g/100mL
 17006

->

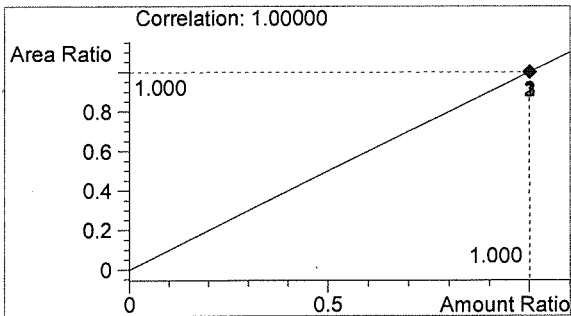


#	Compound	Peak Area	RT (min)
1	Ethanol	3883	1.086
2	n-Propanol	2848	1.765



Ethanol 0.322 g/100mL

AWD

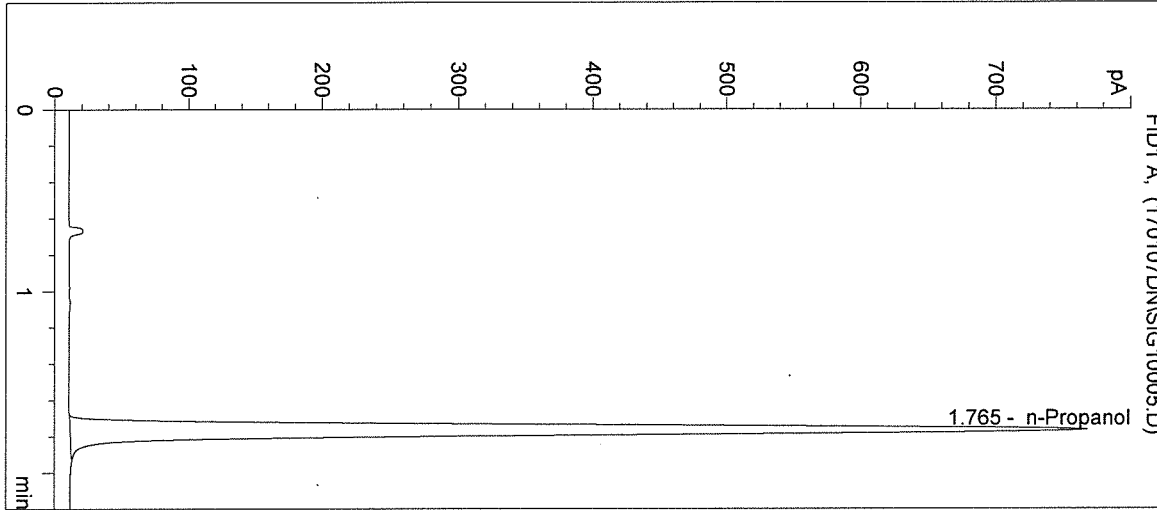


n-Propanol 0.012 g/100mL

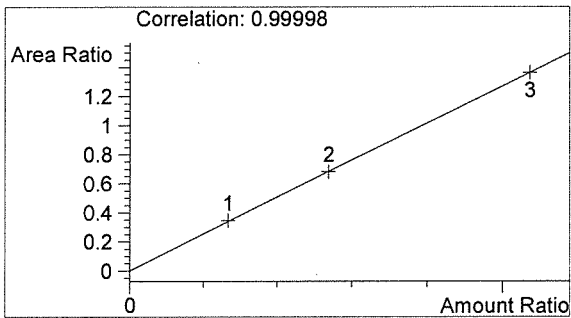
DN

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

Inj. Date: 1/7/2017 9:28:30 AM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: David Nguyen
Column: DB-ALC1 Location: Vial 5
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17006

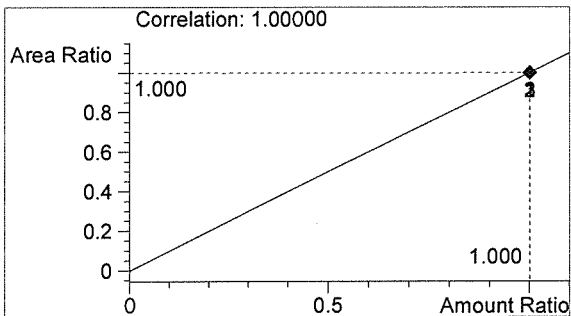


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2843	1.765



Ethanol 0.000 g/100mL

Buo



n-Propanol 0.012 g/100mL

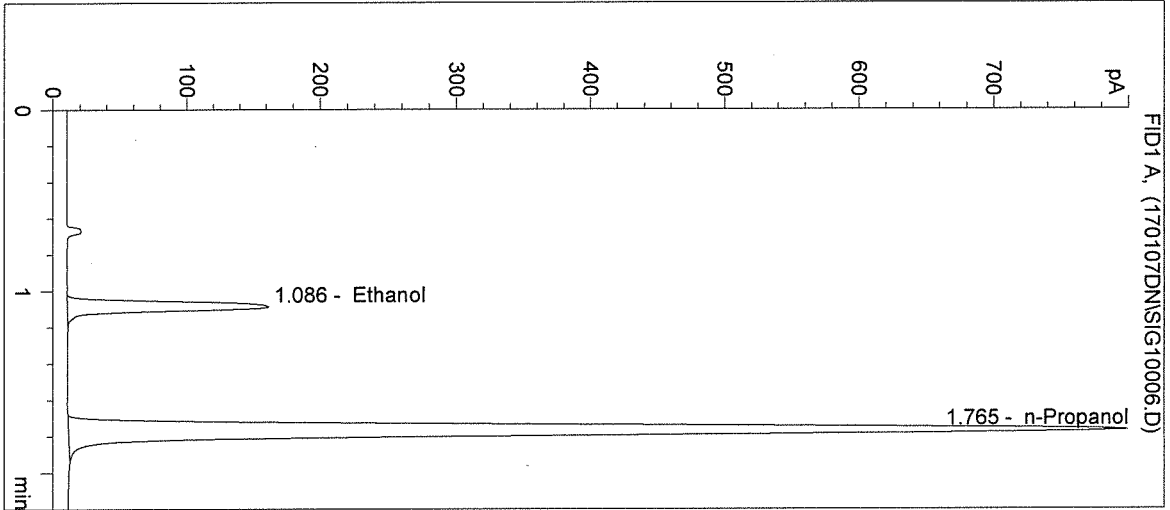
DN

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

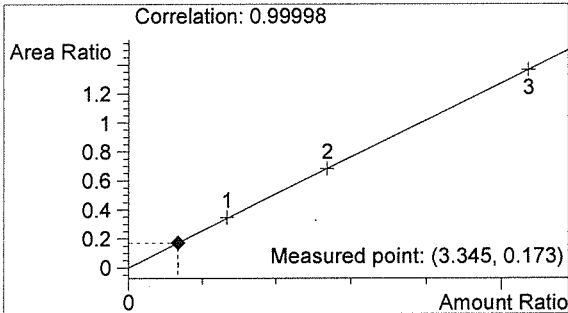
Inj. Date: 1/7/2017 9:31:43 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: CTRL 1: 0.04 g/100mL
 17006

Sample Name: CTRL 1 (0.04)
 Operator: David Nguyen
 Location: Vial 6

->

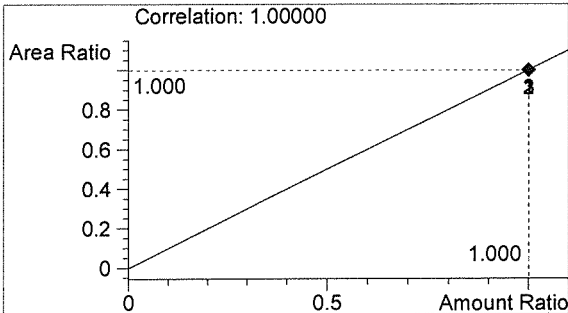


#	Compound	Peak Area	RT (min)
1	Ethanol	513	1.086
2	n-Propanol	2971	1.765



Ethanol 0.040 g/100mL

BLU

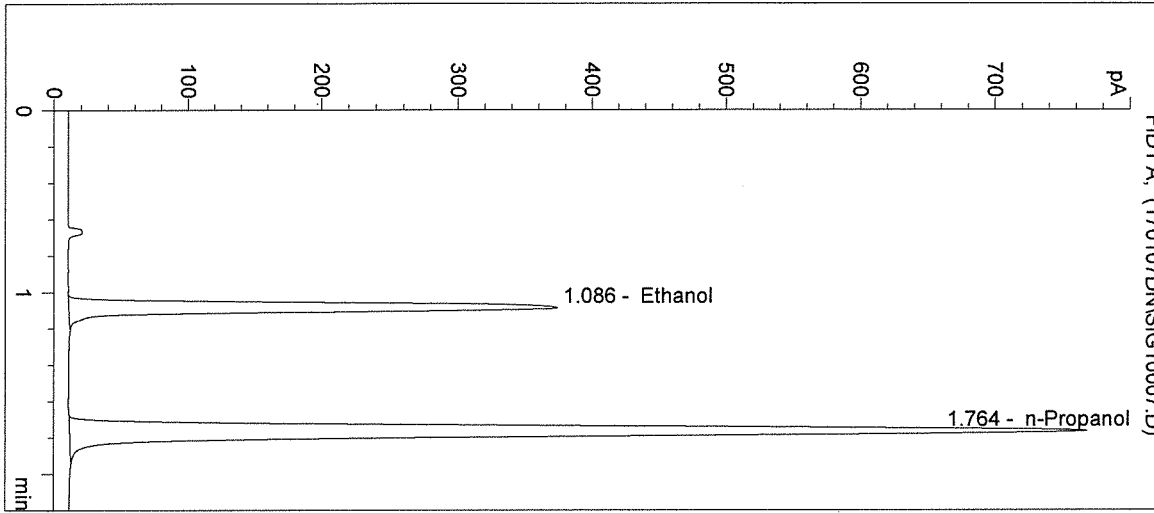


n-Propanol 0.012 g/100mL

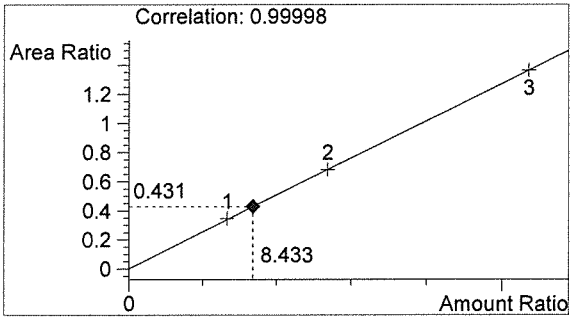
DN

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

Inj. Date: 1/7/2017 9:34:57 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC#1 Operator: David Nguyen
Column: DB-ALC1 Location: Vial 7
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100mL
17006

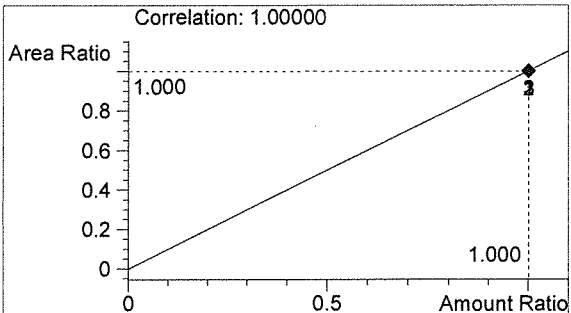


#	Compound	Peak Area	RT (min)
1	Ethanol	1226	1.086
2	n-Propanol	2845	1.764



Ethanol 0.101 g/100mL

BW



n-Propanol 0.012 g/100mL

DN

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

Inj. Date: 1/7/2017 9:38:09 AM

Sample Name: CTRL 3 (0.20)

Instrument: HSGC#1

Operator: David Nguyen

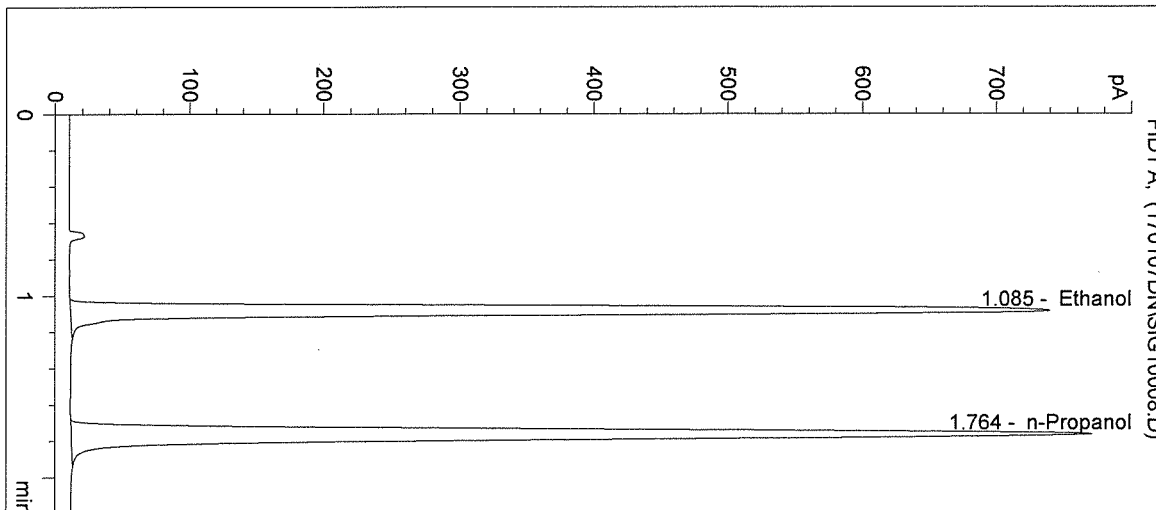
Column: DB-ALC1

Location: Vial 8

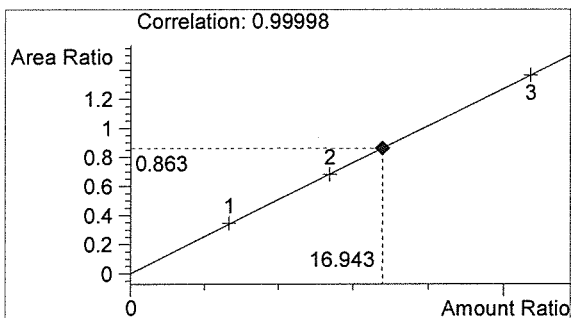
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: CTRL 3: 0.20 g/100mL
17006

->

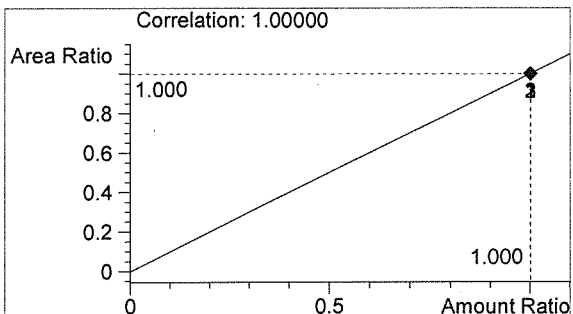


#	Compound	Peak Area	RT (min)
1	Ethanol	2455	1.085
2	n-Propanol	2846	1.764



Ethanol 0.203 g/100mL

BWD



n-Propanol 0.012 g/100mL

DZ

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

Inj. Date: 1/7/2017 9:41:23 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

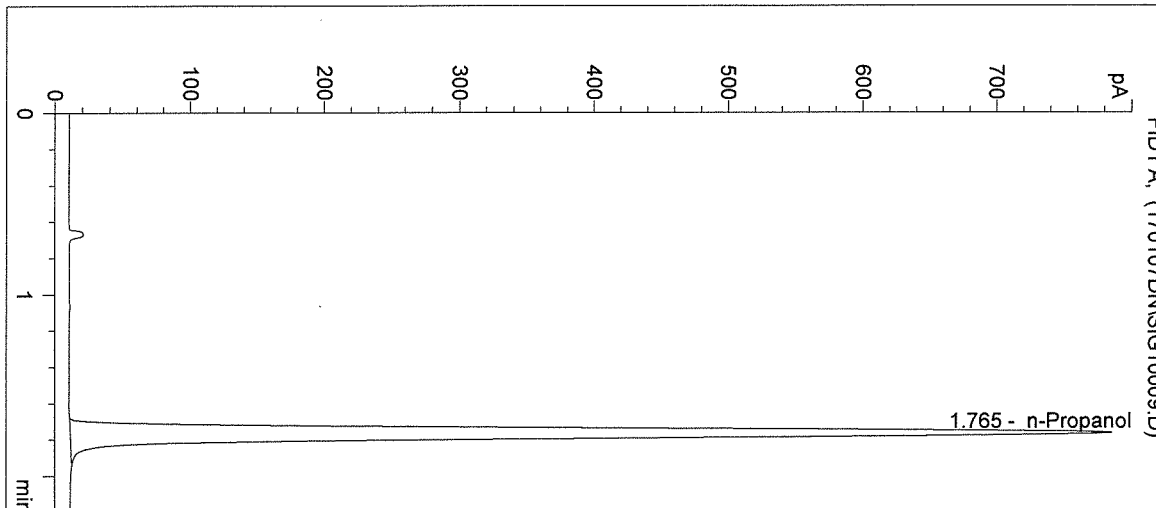
Operator: David Nguyen

Column: DB-ALC1

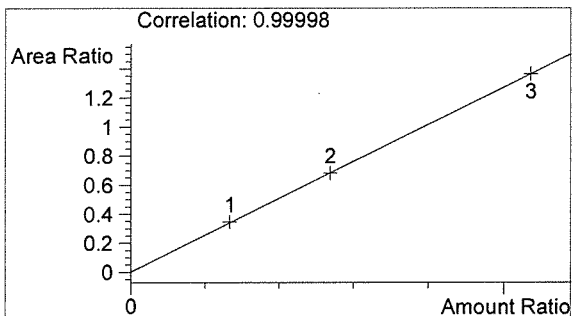
Location: Vial 9

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

Sample Info: 17006

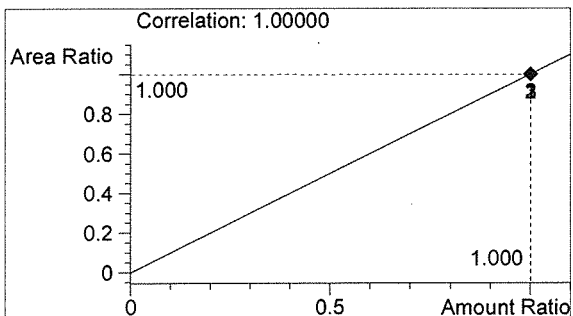


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2911	1.765



Ethanol 0.000 g/100mL

BWD



n-Propanol 0.012 g/100mL

DN

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

Inj. Date: 1/7/2017 9:44:36 AM

Sample Name: 17006 #1

Instrument: HSGC#1

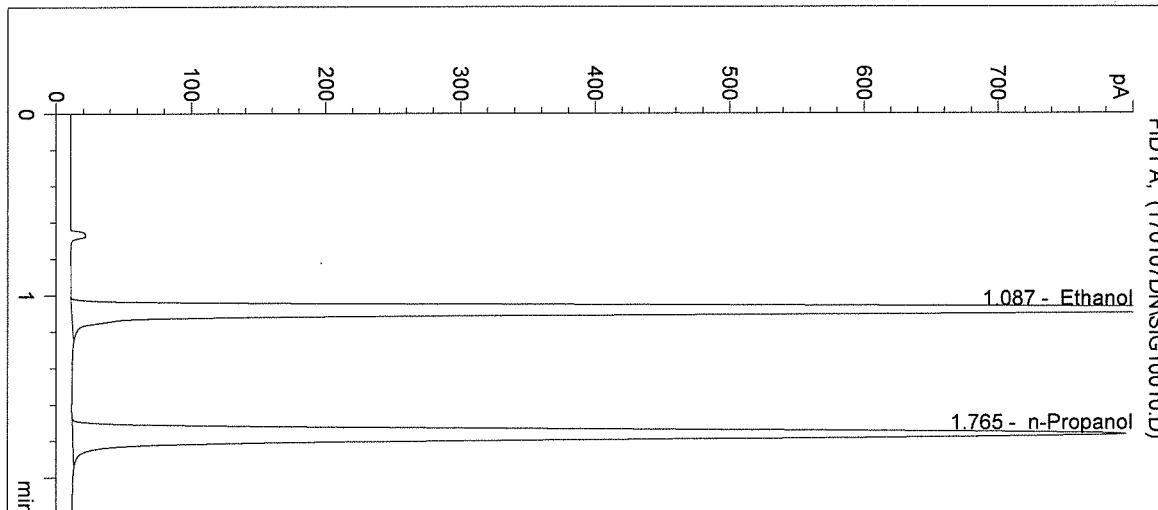
Operator: David Nguyen

Column: DB-ALC1

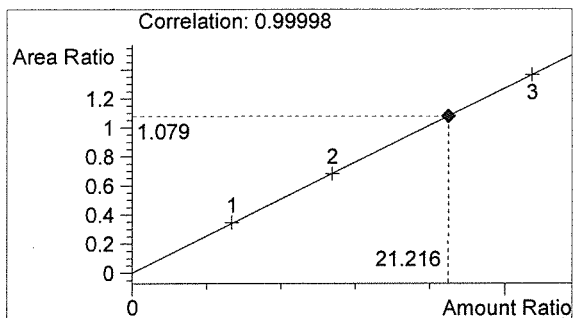
Location: Vial 10

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

Sample Info:

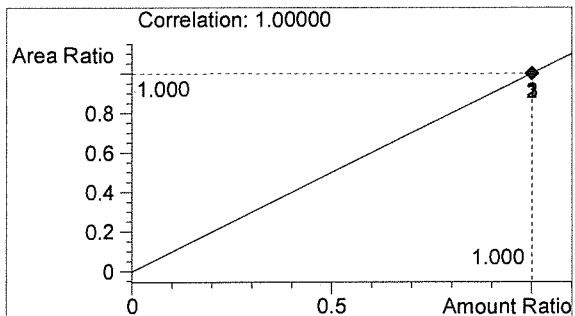


#	Compound	Peak Area	RT (min)
1	Ethanol	3184	1.087
2	n-Propanol	2950	1.765



Ethanol 0.255 g/100mL

AWD



n-Propanol 0.012 g/100mL

DN

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

Inj. Date: 1/7/2017 9:47:50 AM

Sample Name: 17006 #2

Instrument: HSGC#1

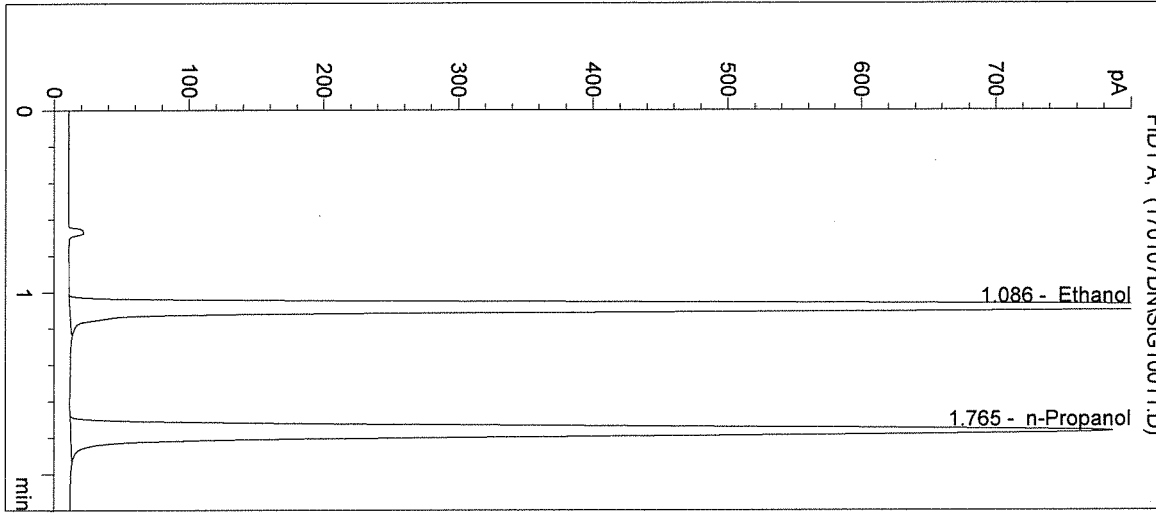
Operator: David Nguyen

Column: DB-ALC1

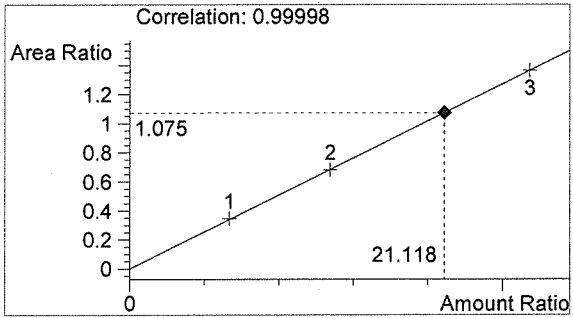
Location: Vial 11

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

Sample Info:

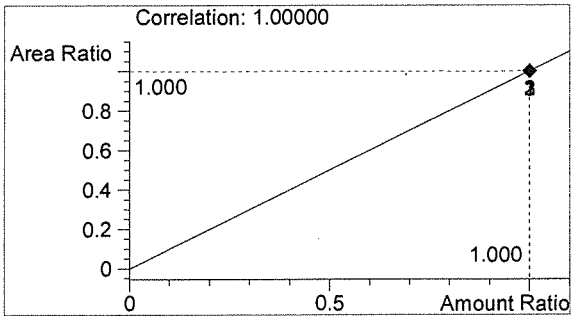


#	Compound	Peak Area	RT (min)
1	Ethanol	3121	1.086
2	n-Propanol	2905	1.765



Ethanol 0.253 g/100mL

AWD



n-Propanol 0.012 g/100mL

DN

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

Inj. Date: 1/7/2017 9:51:03 AM

Sample Name: 17006 #3

Instrument: HSGC#1

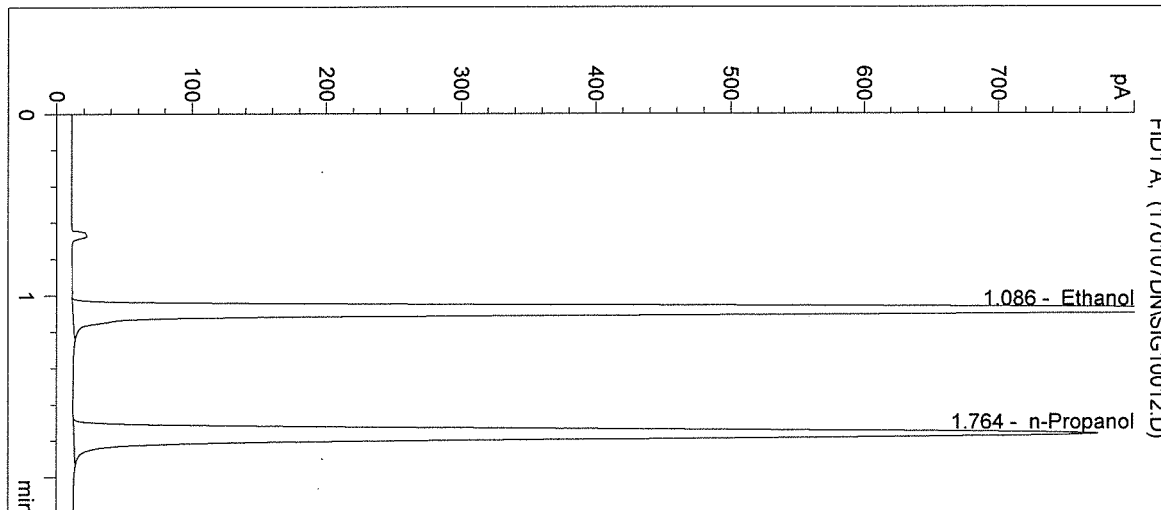
Operator: David Nguyen

Column: DB-ALC1

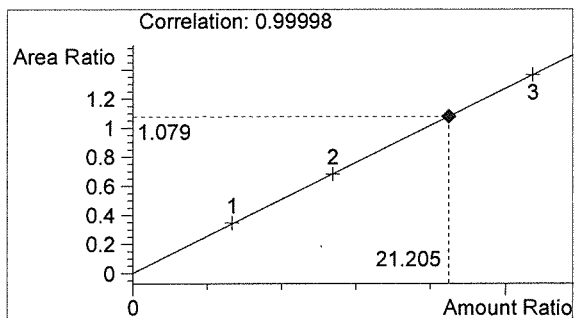
Location: Vial 12

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

Sample Info:

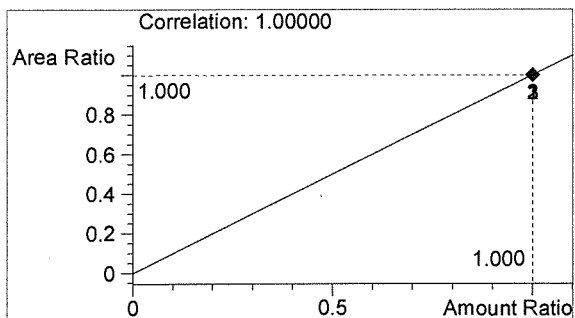


#	Compound	Peak Area	RT (min)
1	Ethanol	3078	1.086
2	n-Propanol	2853	1.764



Ethanol 0.254 g/100mL

BCO



n-Propanol 0.012 g/100mL

DN

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

Inj. Date: 1/7/2017 9:54:16 AM

Sample Name: 17006 #4

Instrument: HSGC#1

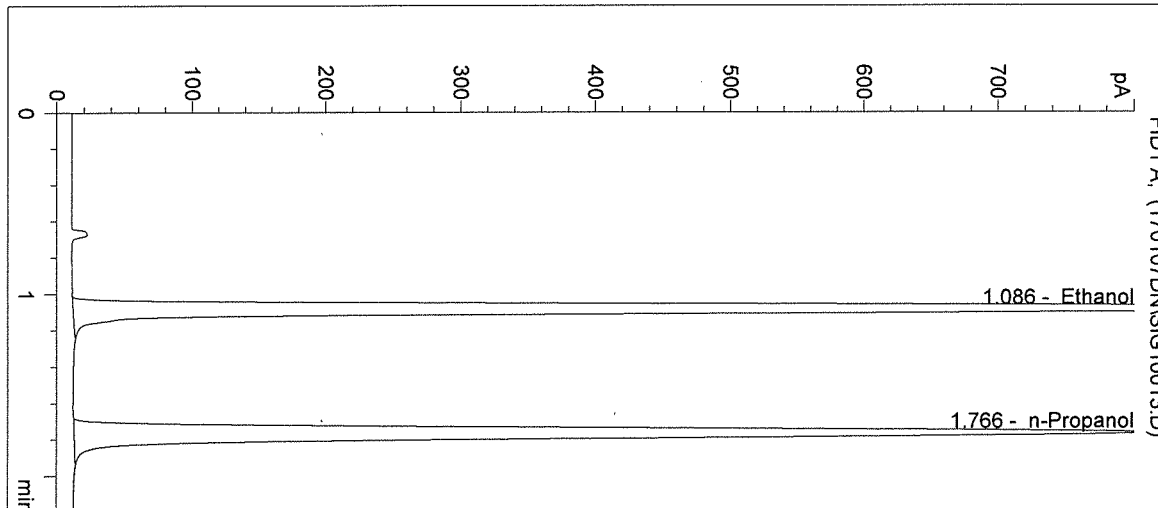
Operator: David Nguyen

Column: DB-ALC1

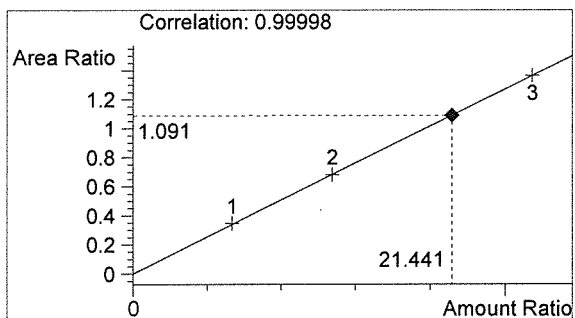
Location: Vial 13

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

Sample Info:

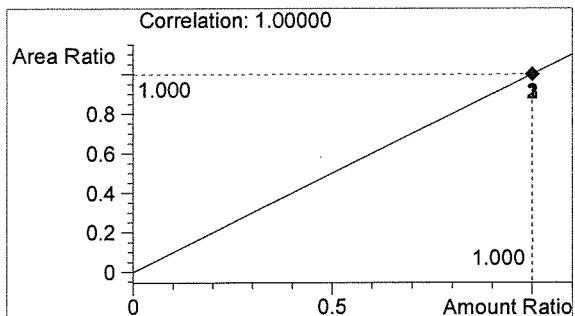


#	Compound	Peak Area	RT (min)
1	Ethanol	3283	1.086
2	n-Propanol	3010	1.766



Ethanol 0.257 g/100mL

PKW



n-Propanol 0.012 g/100mL

DN

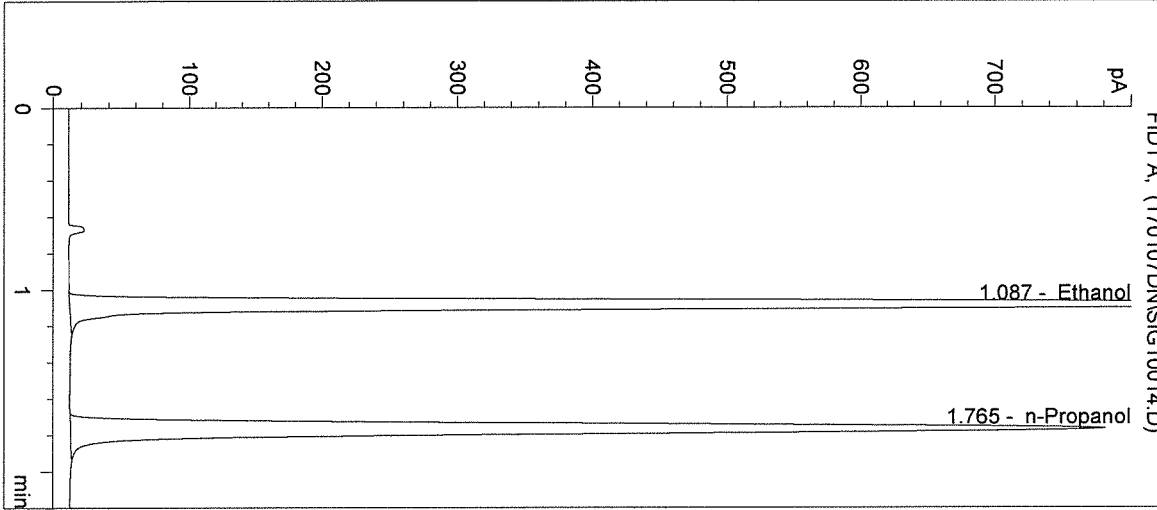
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/7/2017 9:57:30 AM
 Instrument: HSGC#1
 Column: DB-ALC1

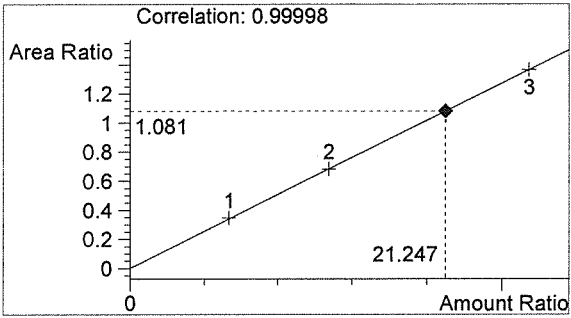
Sample Name: 17006 #5
 Operator: David Nguyen
 Location: Vial 14

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

Sample Info:

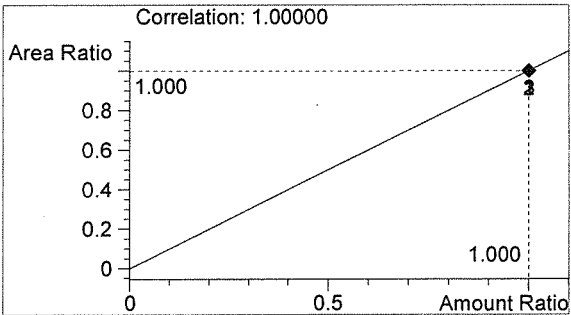


#	Compound	Peak Area	RT (min)
1	Ethanol	3117	1.087
2	n-Propanol	2884	1.765



Ethanol 0.255 g/100mL

BLU



n-Propanol 0.012 g/100mL

DN

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

Inj. Date: 1/7/2017 10:00:43 AM

Sample Name: POS CTRL (0.10)

Instrument: HSGC#1

Operator: David Nguyen

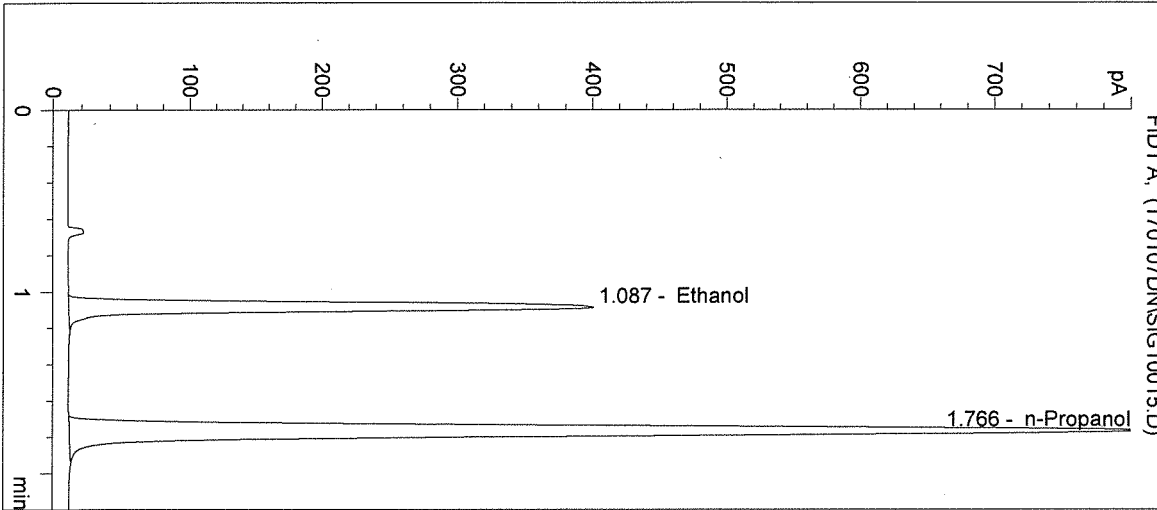
Column: DB-ALC1

Location: Vial 15

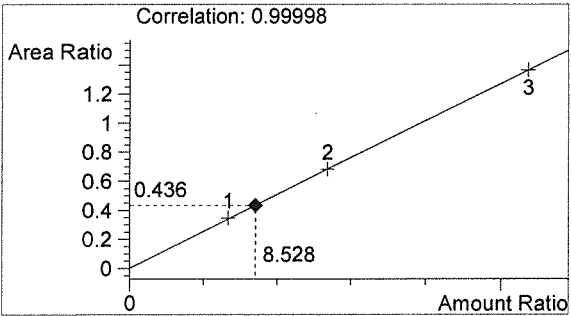
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: POS CTRL: 0.10 g/100mL
 17006

- >

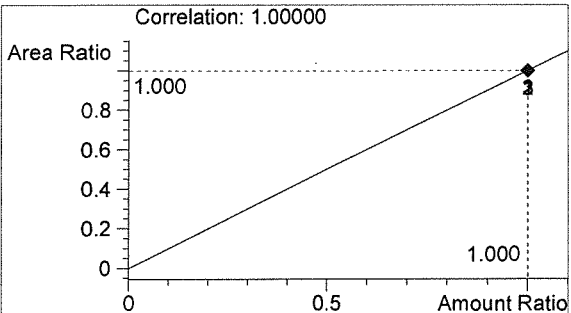


#	Compound	Peak Area	RT (min)
1	Ethanol	1316	1.087
2	n-Propanol	3021	1.766



Ethanol 0.102 g/100mL

BW



n-Propanol 0.012 g/100mL

DN

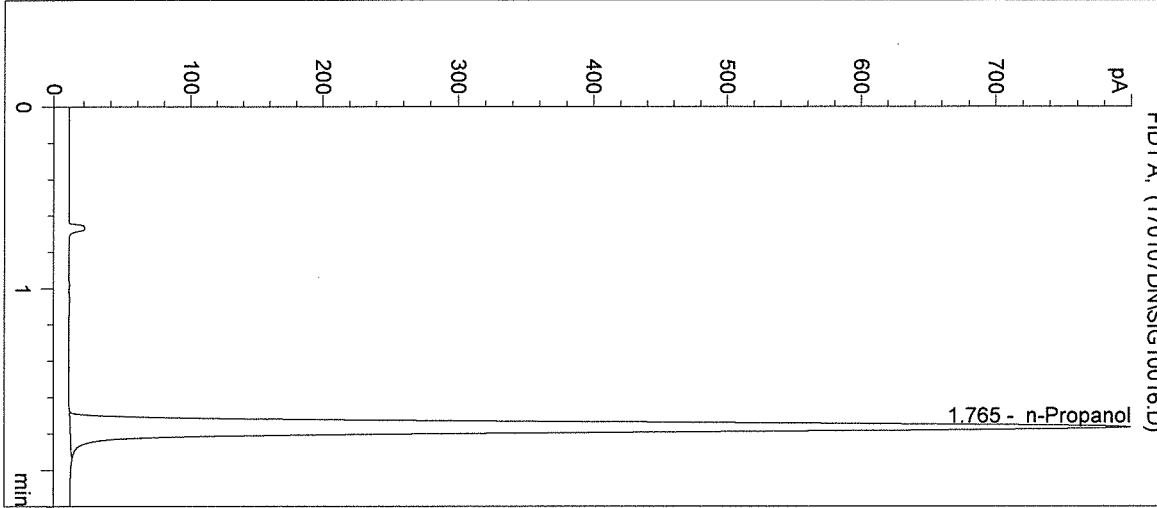
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/7/2017 10:03:57 AM
 Instrument: HSGC#1

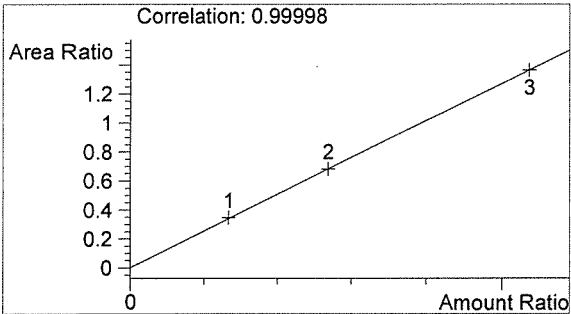
Sample Name: NEG CTRL
 Operator: David Nguyen
 Location: Vial 16

Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 17006

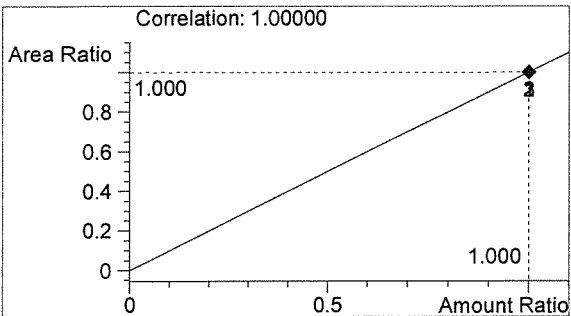


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2961	1.765



Ethanol 0.000 g/100mL

BW



n-Propanol 0.012 g/100mL

DZ

Sequence Parameters:

Operator: Amanda Chandler
 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: 170107AC
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

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 16063.

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	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	16063 #1	SIMALC1	1	Sample		
11	Vial 11	16063 #2	SIMALC1	1	Sample		
12	Vial 12	16063 #3	SIMALC1	1	Sample		
13	Vial 13	16063 #4	SIMALC1	1	Sample		
14	Vial 14	16063 #5	SIMALC1	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	16064 #1	SIMALC1	1	Sample		
18	Vial 18	16064 #2	SIMALC1	1	Sample		
19	Vial 19	16064 #3	SIMALC1	1	Sample		
20	Vial 20	16064 #4	SIMALC1	1	Sample		
21	Vial 21	16064 #5	SIMALC1	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	16065 #1	SIMALC1	1	Sample		

17006
 BLU 1-23-17

X

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	16065 #2	SIMALC1	1	Sample		
26	Vial 26	16065 #3	SIMALC1	1	Sample		
27	Vial 27	16065 #4	SIMALC1	1	Sample		
28	Vial 28	16065 #5	SIMALC1	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17006 #1	SIMALC1	1	Sample		
32	Vial 32	17006 #2	SIMALC1	1	Sample		
33	Vial 33	17006 #3	SIMALC1	1	Sample		
34	Vial 34	17006 #4	SIMALC1	1	Sample		
35	Vial 35	17006 #5	SIMALC1	1	Sample		
36	Vial 36	POS CTRL (0.10)	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Replace		Replace		
3	Vial 3	CAL 2 (0.158)	SIMALC1	2	Replace		Replace		
4	Vial 4	CAL 3 (0.316)	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

17006
BU01.23.17

AC

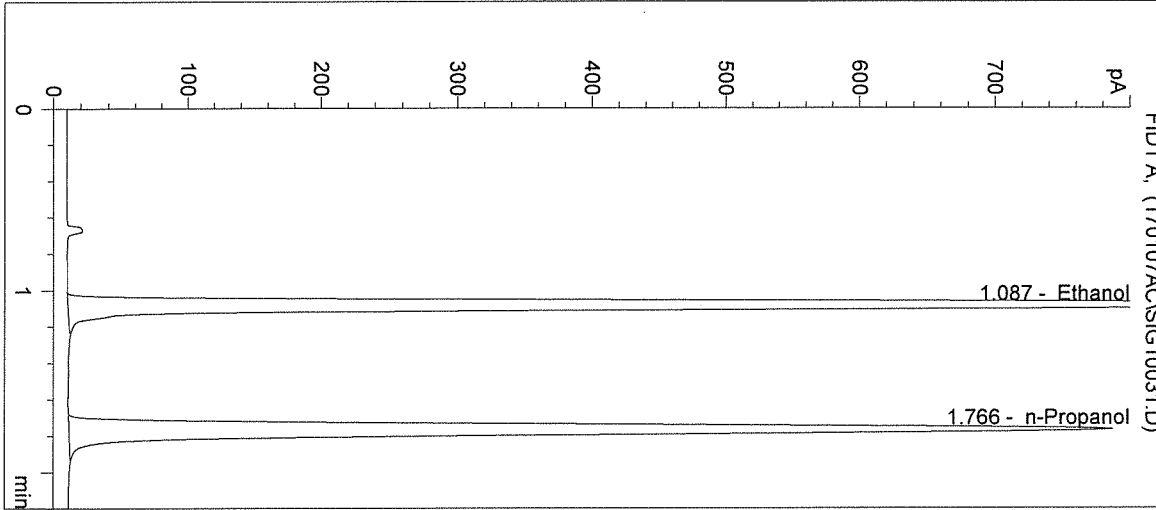
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/7/2017 12:09:12 PM
 Instrument: HSGC#1
 Column: DB-ALC1

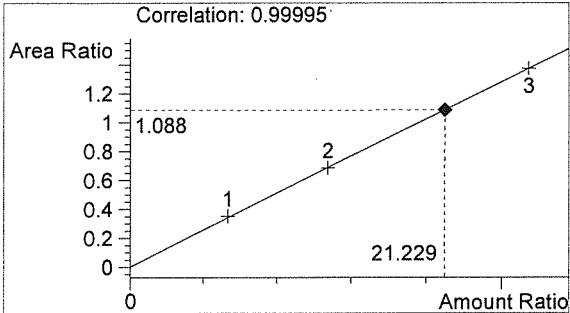
Sample Name: 17006 #1
 Operator: Amanda Chandler
 Location: Vial 31

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

Sample Info:

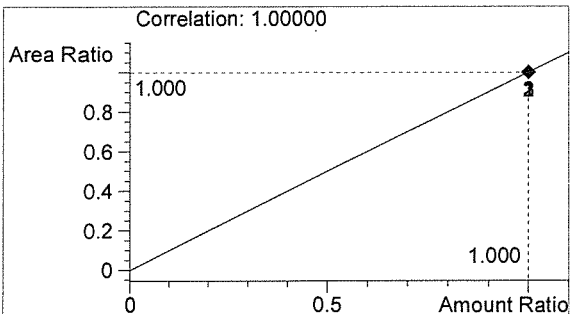


#	Compound	Peak Area	RT (min)
1	Ethanol	3177	1.087
2	n-Propanol	2921	1.766



Ethanol 0.255 g/100mL

AWD



n-Propanol 0.012 g/100mL

AR

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

Inj. Date: 1/7/2017 12:12:25 PM

Sample Name: 17006 #2

Instrument: HSGC#1

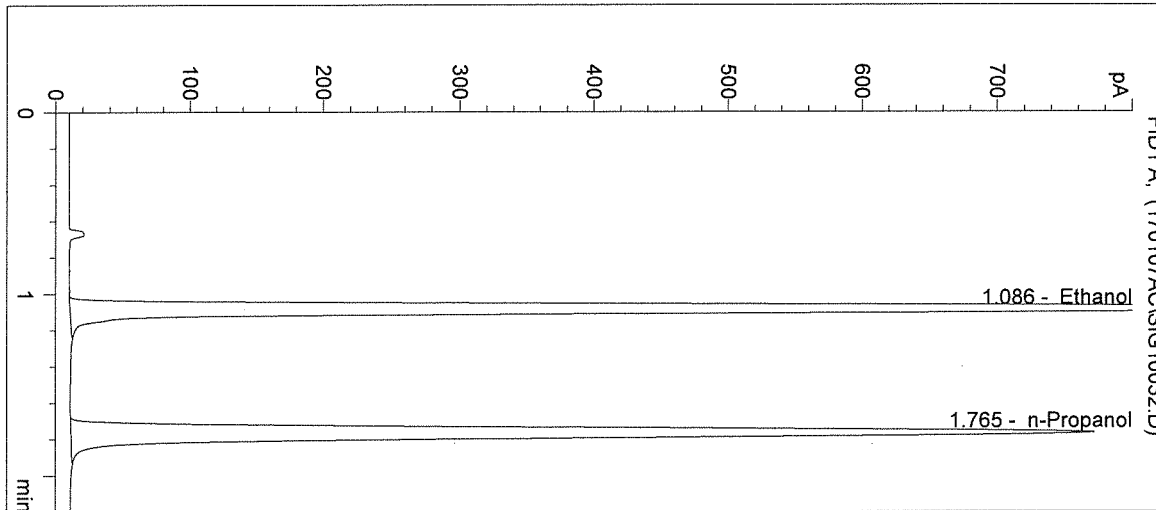
Operator: Amanda Chandler

Column: DB-ALC1

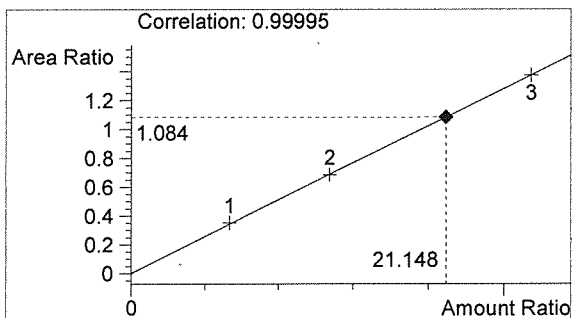
Location: Vial 32

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

Sample Info:

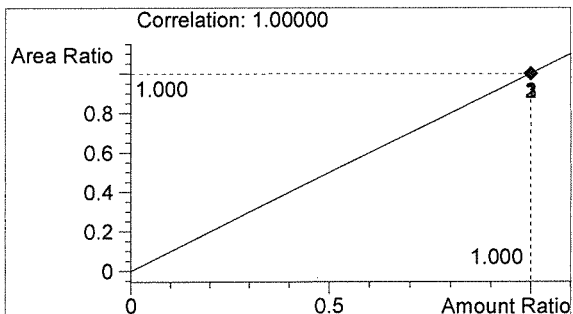


#	Compound	Peak Area	RT (min)
1	Ethanol	3096	1.086
2	n-Propanol	2857	1.765



Ethanol 0.254 g/100mL

AW



n-Propanol 0.012 g/100mL

AR

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

Inj. Date: 1/7/2017 12:15:38 PM

Sample Name: 17006 #3

Instrument: HSGC#1

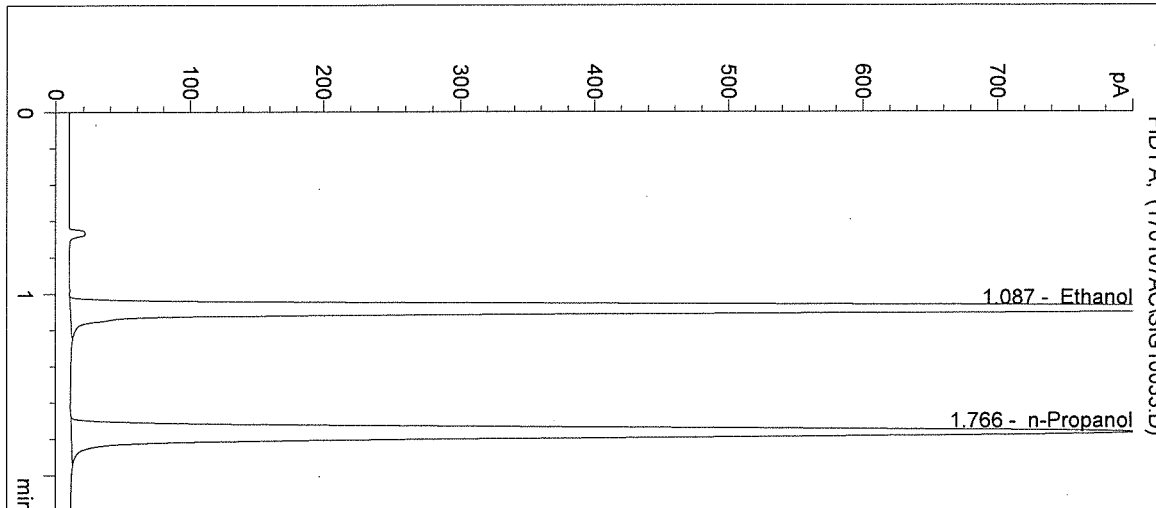
Operator: Amanda Chandler

Column: DB-ALC1

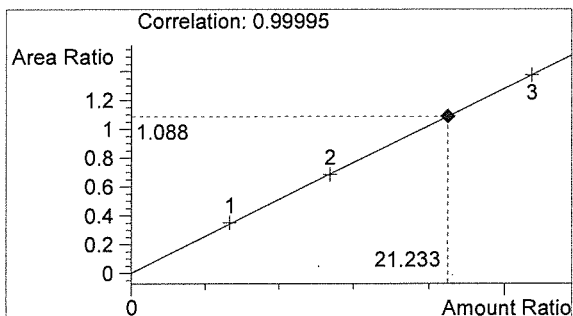
Location: Vial 33

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

Sample Info:

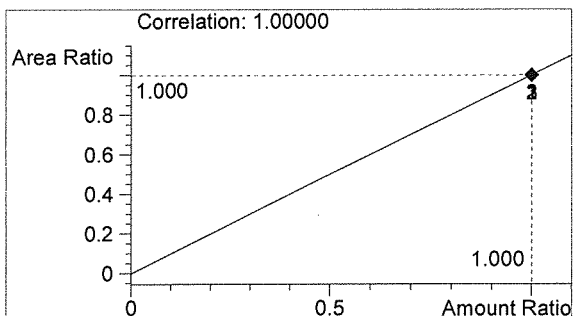


#	Compound	Peak Area	RT (min)
1	Ethanol	3262	1.087
2	n-Propanol	2998	1.766



Ethanol 0.255 g/100mL

AWO



n-Propanol 0.012 g/100mL

A

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

Inj. Date: 1/7/2017 12:18:52 PM

Sample Name: 17006 #4

Instrument: HSGC#1

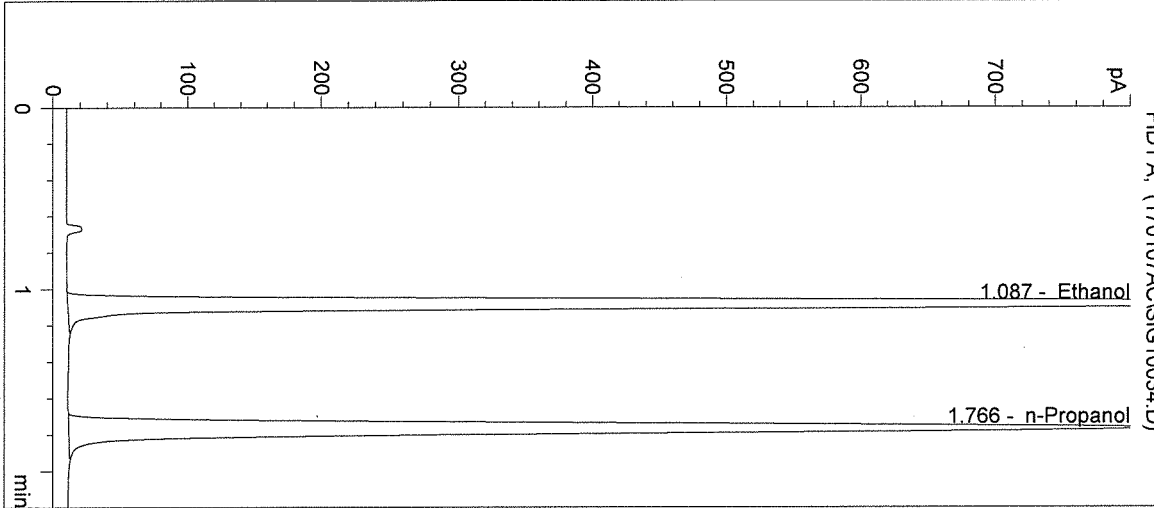
Operator: Amanda Chandler

Column: DB-ALC1

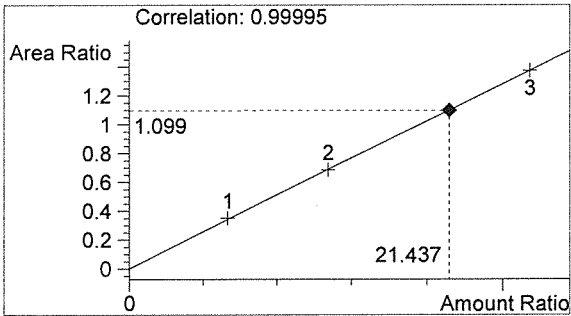
Location: Vial 34

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

Sample Info:

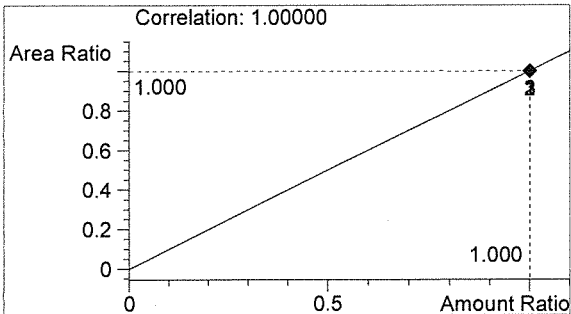


#	Compound	Peak Area	RT (min)
1	Ethanol	3335	1.087
2	n-Propanol	3036	1.766



Ethanol 0.257 g/100mL

AWD



n-Propanol 0.012 g/100mL

AK

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

Inj. Date: 1/7/2017 12:22:05 PM

Sample Name: 17006 #5

Instrument: HSGC#1

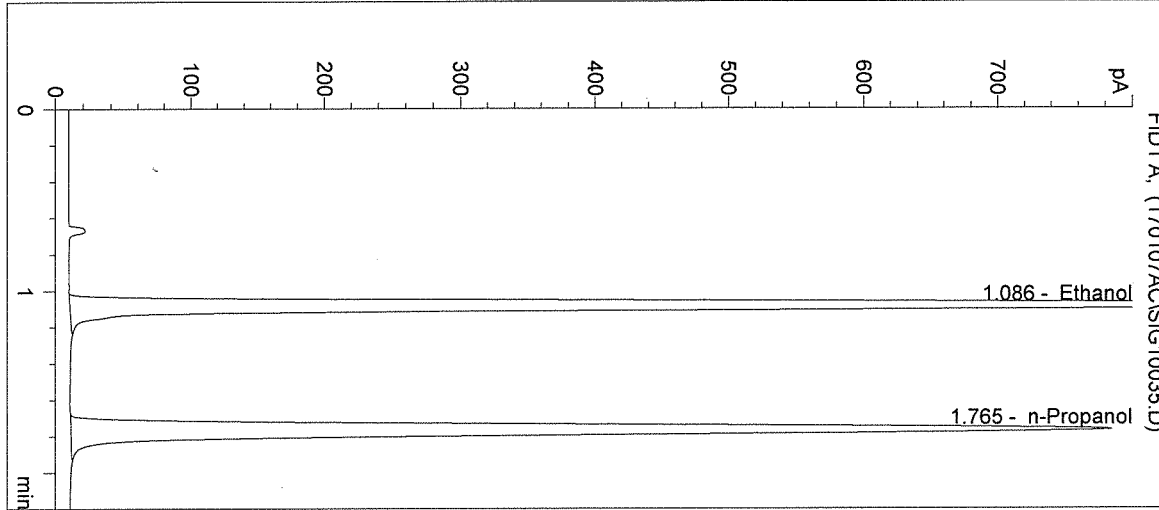
Operator: Amanda Chandler

Column: DB-ALC1

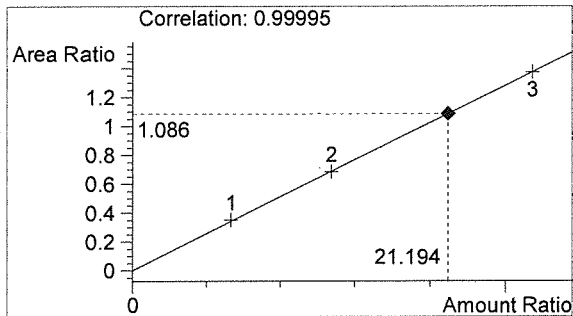
Location: Vial 35

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

Sample Info:

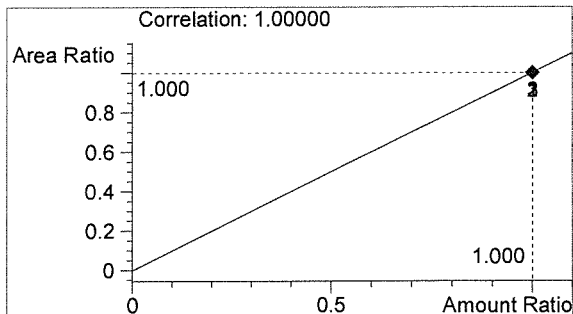


#	Compound	Peak Area	RT (min)
1	Ethanol	3161	1.086
2	n-Propanol	2910	1.765



Ethanol 0.254 g/100mL

AW



n-Propanol 0.012 g/100mL

AR

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

Inj. Date: 1/7/2017 12:25:19 PM

Sample Name: POS CTRL (0.10)

Instrument: HSGC#1

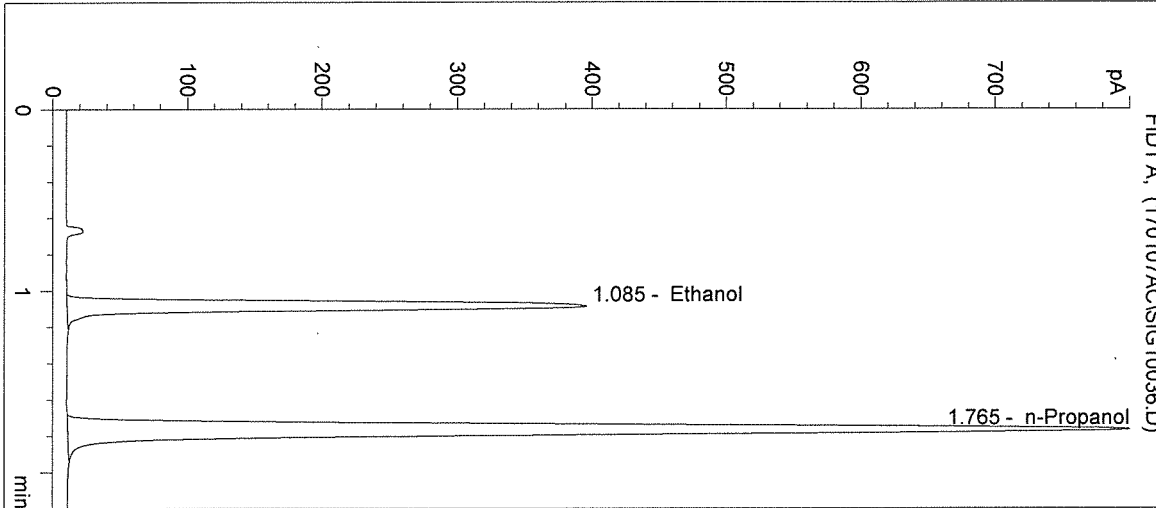
Operator: Amanda Chandler

Column: DB-ALC1

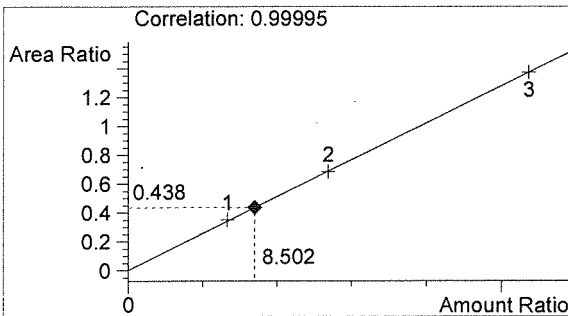
Location: Vial 36

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

Sample Info: 17006

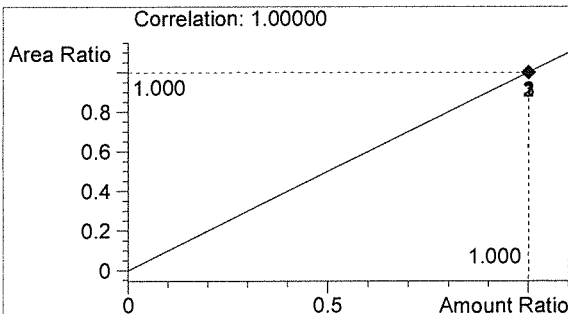


#	Compound	Peak Area	RT (min)
1	Ethanol	1304	1.085
2	n-Propanol	2978	1.765



Ethanol 0.102 g/100mL

AW



n-Propanol 0.012 g/100mL

AR

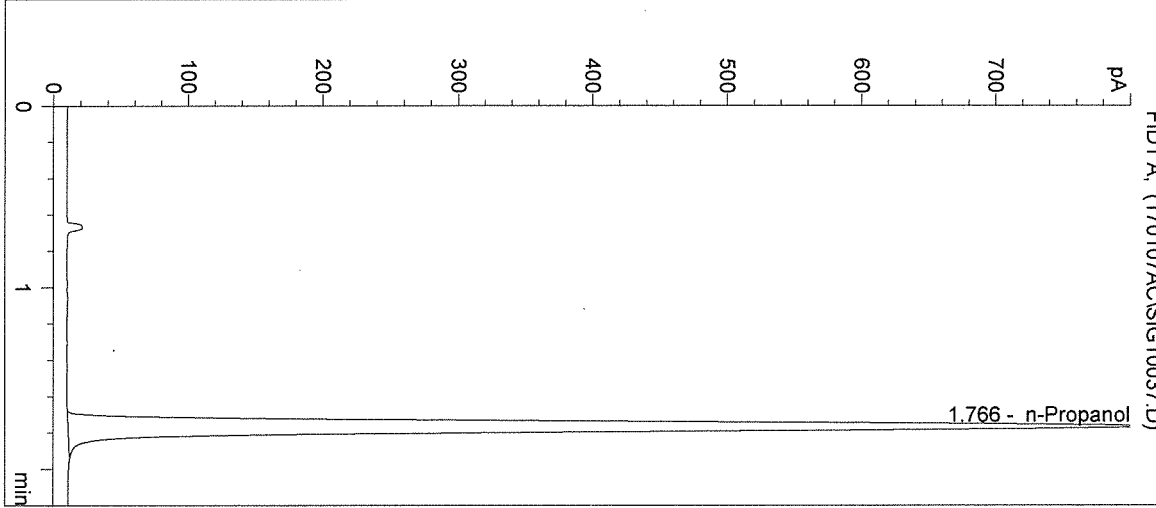
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/7/2017 12:28:33 PM
Instrument: HSGC#1

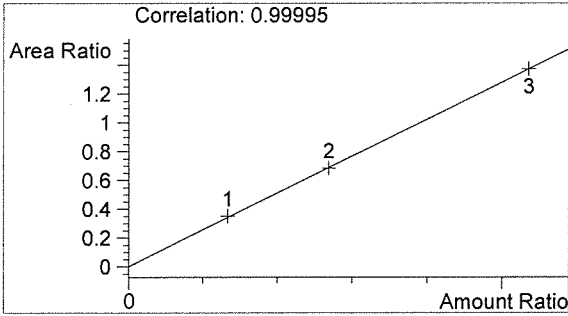
Sample Name: NEG CTRL
Operator: Amanda Chandler
Location: Vial 37

Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 17006

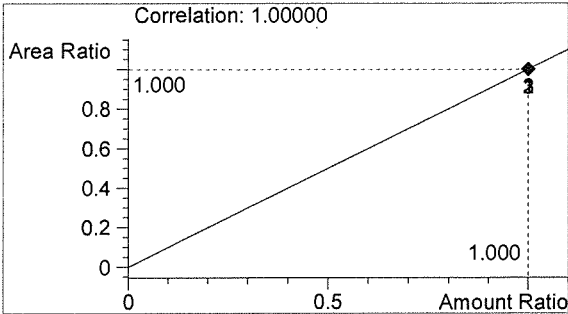


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3021	1.766



Ethanol 0.000 g/100mL

AW



n-Propanol 0.012 g/100mL

AW

Sequence Parameters:

Operator: Justin Knoy
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 170111JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0916-01 - Exp. 03/15/2017
 Ethanol Calibrator 2, E0916-02 - Exp. 03/15/2017
 Ethanol Calibrator 3, E0916-03 - Exp. 03/15/2017
 CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021
 Internal Standard Lot#P1116 - Exp. 02/23/2017

Calibration vials 1-9 filed with 17006.

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	17006-1	SIMALC1	1	Sample		
11	Vial 11	17006-2	SIMALC1	1	Sample		
12	Vial 12	17006-3	SIMALC1	1	Sample		
13	Vial 13	17006-4	SIMALC1	1	Sample		
14	Vial 14	17006-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

RWD

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		

JK

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

Sequence Table (Back Injector):

No entries - empty table!

17006
Pmo 1-23-17

=====
Calibration Table
=====

Calib. Data Modified : Wednesday, January 11, 2017 3:47:49 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

Sample ISTD Information:

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

17006
PMU 1-23-17

Signal 1: FID1 A,

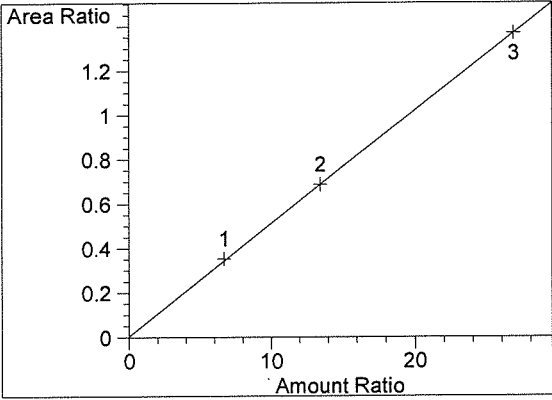
RetTime	Lvl	Amount	Area	Amt/Area	Ref Grp	Name
[min]	Sig	[g/100mL]				
1.084	1	1 8.00100e-2	1060.42383	7.54510e-5	1	Ethanol
		2 1.61200e-1	1997.53601	8.06994e-5		
		3 3.21790e-1	3930.51318	8.18697e-5		
1.763	1	1 1.20000e-2	3005.26318	3.99299e-6	I1	n-Propanol
		2 1.20000e-2	2907.79736	4.12684e-6		
		3 1.20000e-2	2870.64990	4.18024e-6		

=====
Peak Sum Table
=====

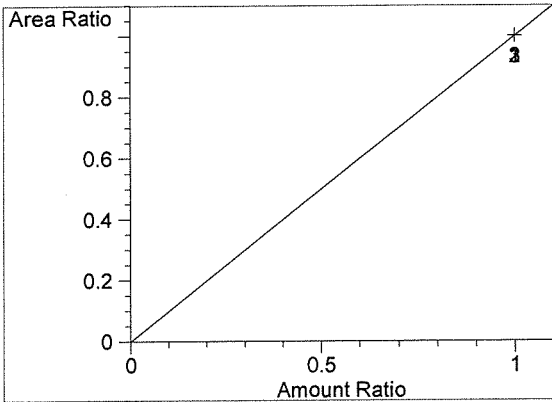
No Entries in table
=====

JK

=====
Calibration Curves
=====



Ethanol at exp. RT: 1.084
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00709
Formula: $y = mx + b$
m: 5.09046e-2
b: 5.18670e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.763
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

=====
AWO 1-23-17
~~17006~~

17006
AWO 1-23-17

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

Inj. Date: 1/11/2017 3:35:43 PM

Sample Name: BLANK

Instrument: HSGC#1

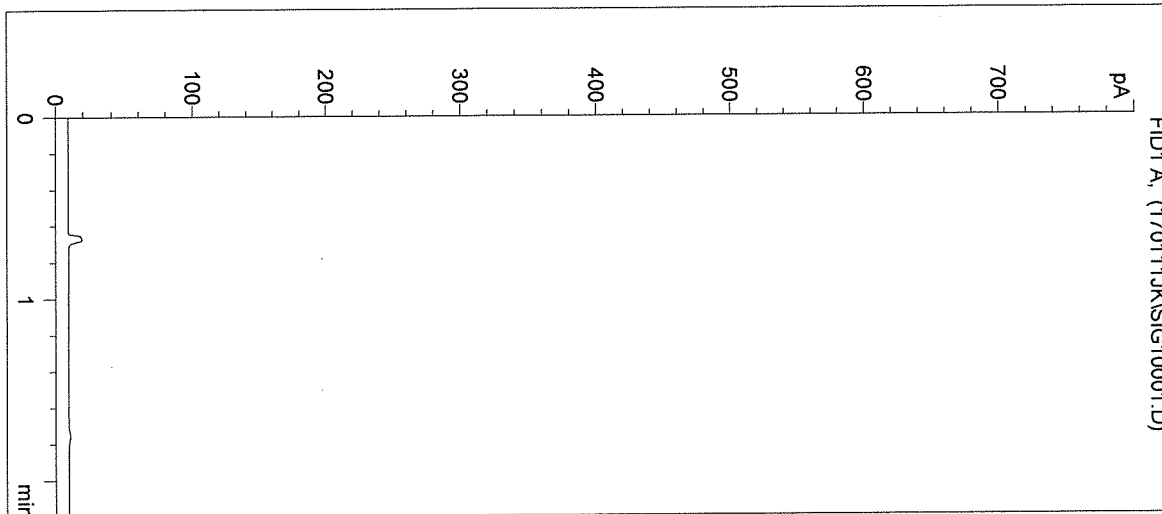
Operator: Justin Knoy

Column: DB-ALC1

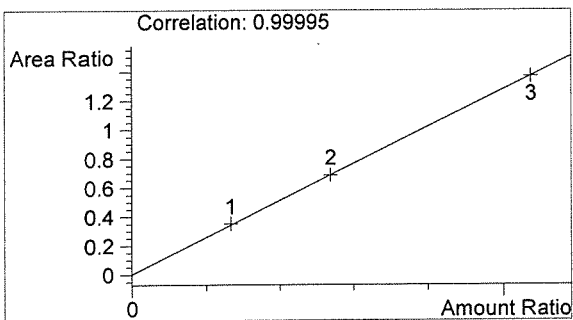
Location: Vial 1

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

Sample Info: 17006

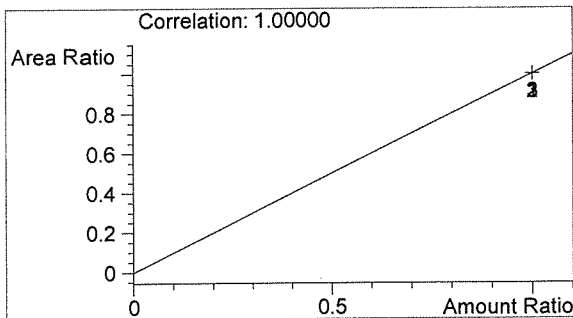


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

ALLO



n-Propanol 0.000 g/100mL

JZ

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

Inj. Date: 1/11/2017 3:39:01 PM

Sample Name: 0.079 CAL 1

Instrument: HSGC#1

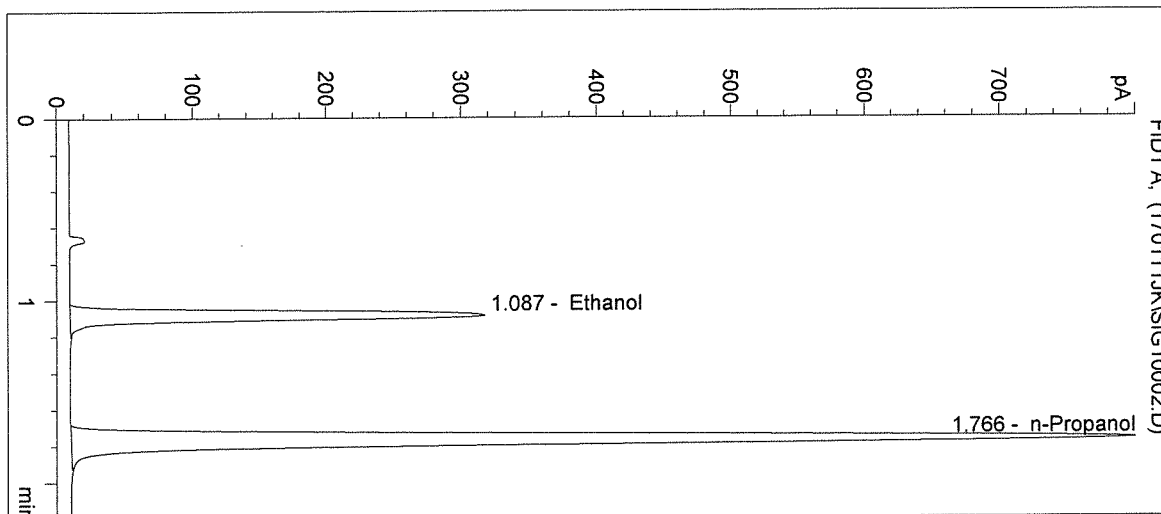
Operator: Justin Knoy

Column: DB-ALC1

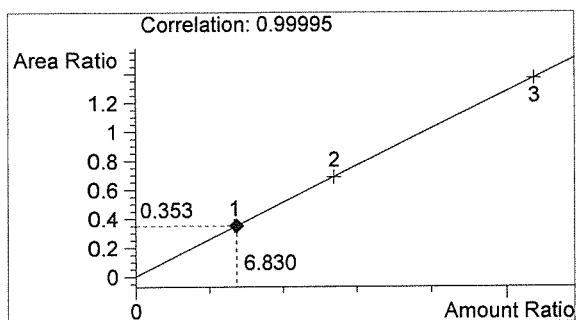
Location: Vial 2

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

Sample Info: 17006

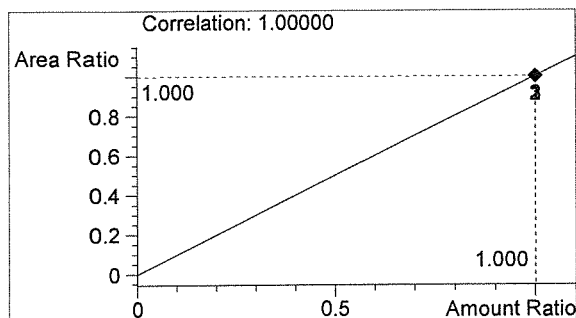


#	Compound	Peak Area	RT (min)
1	Ethanol	1060	1.087
2	n-Propanol	3005	1.766



Ethanol 0.082 g/100mL

BWO



n-Propanol 0.012 g/100mL

JZ

Inj. Date: 1/11/2017 3:42:18 PM

Sample Name: 0.158 CAL 2

Instrument: HSGC#1

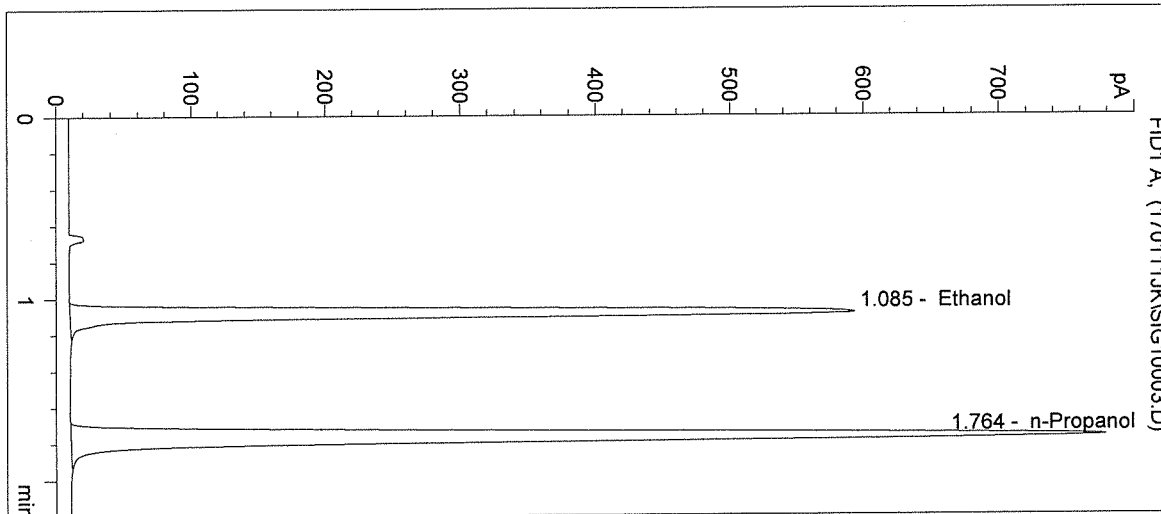
Operator: Justin Knoy

Column: DB-ALC1

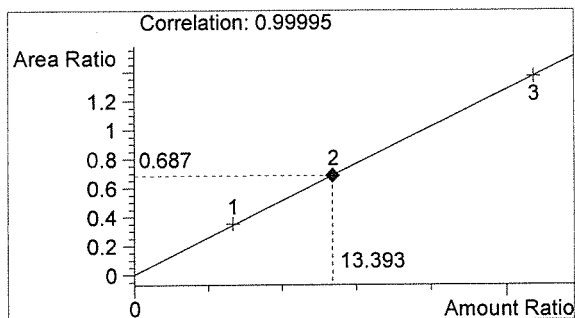
Location: Vial 3

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

Sample Info: 17006

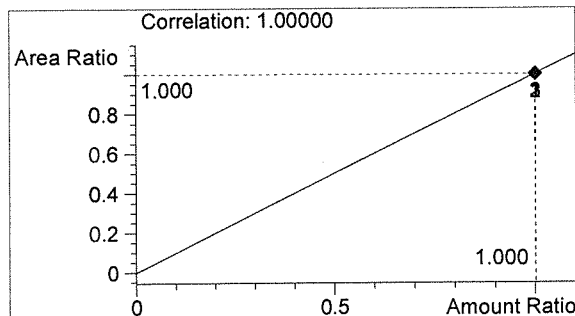


#	Compound	Peak Area	RT (min)
1	Ethanol	1998	1.085
2	n-Propanol	2908	1.764



Ethanol 0.161 g/100mL

BWD



n-Propanol 0.012 g/100mL

JTK

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

Inj. Date: 1/11/2017 3:45:36 PM

Sample Name: 0.316 CAL 3

Instrument: HSGC#1

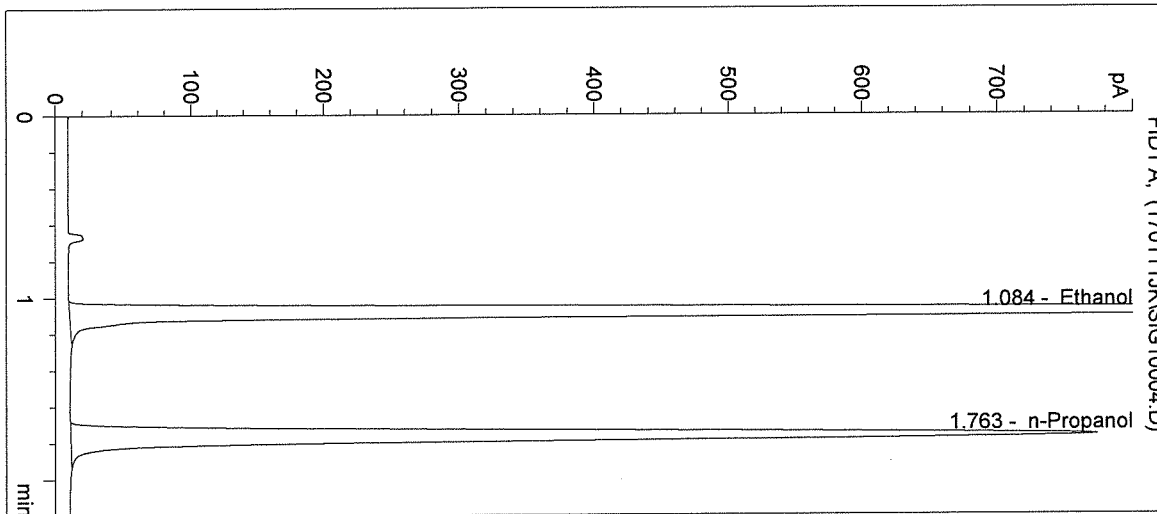
Operator: Justin Knoy

Column: DB-ALC1

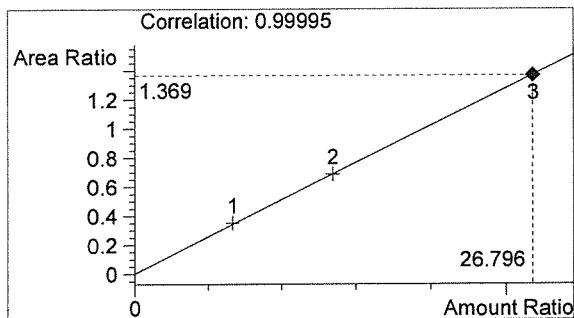
Location: Vial 4

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

Sample Info: 17006

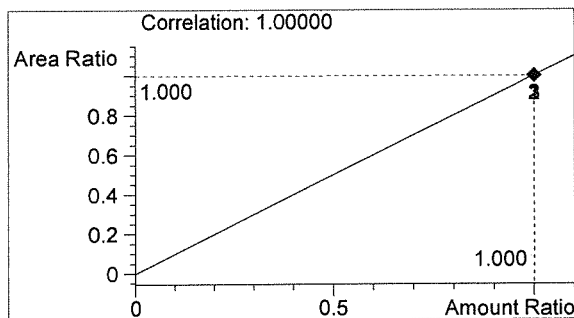


#	Compound	Peak Area	RT (min)
1	Ethanol	3931	1.084
2	n-Propanol	2871	1.763



Ethanol 0.322 g/100mL

AWO



n-Propanol 0.012 g/100mL

JJK

Inj. Date: 1/11/2017 3:48:49 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

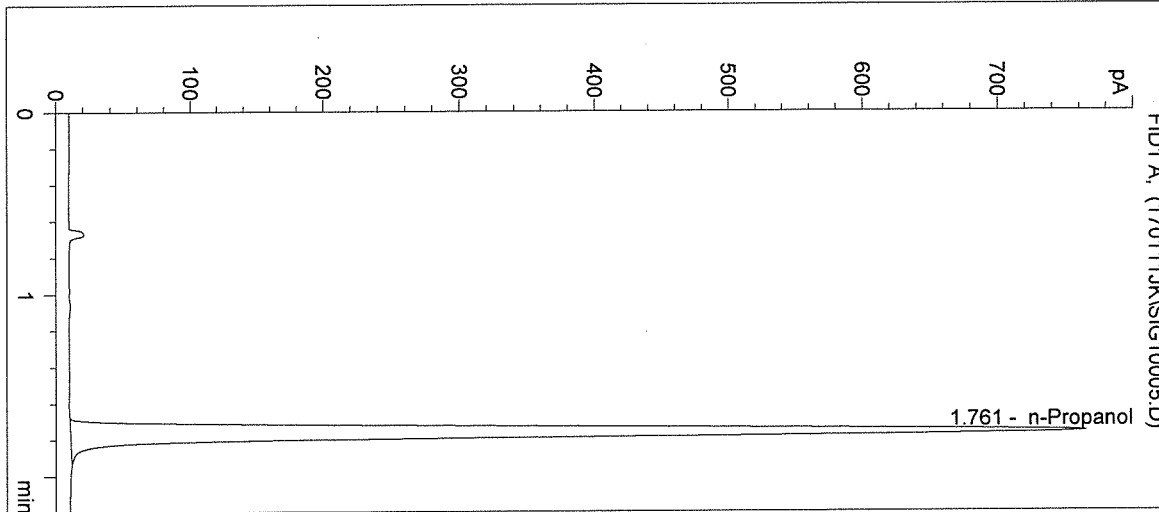
Operator: Justin Knoy

Column: DB-ALC1

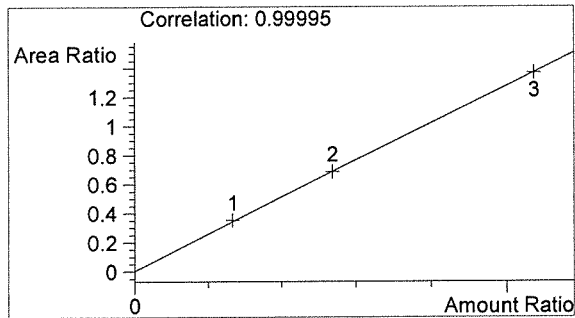
Location: Vial 5

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

Sample Info: 17006

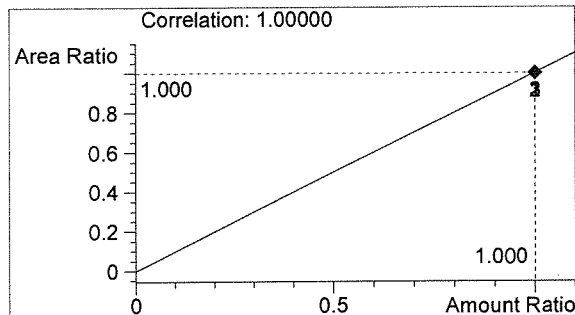


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2842	1.761



Ethanol 0.000 g/100mL

PLUO

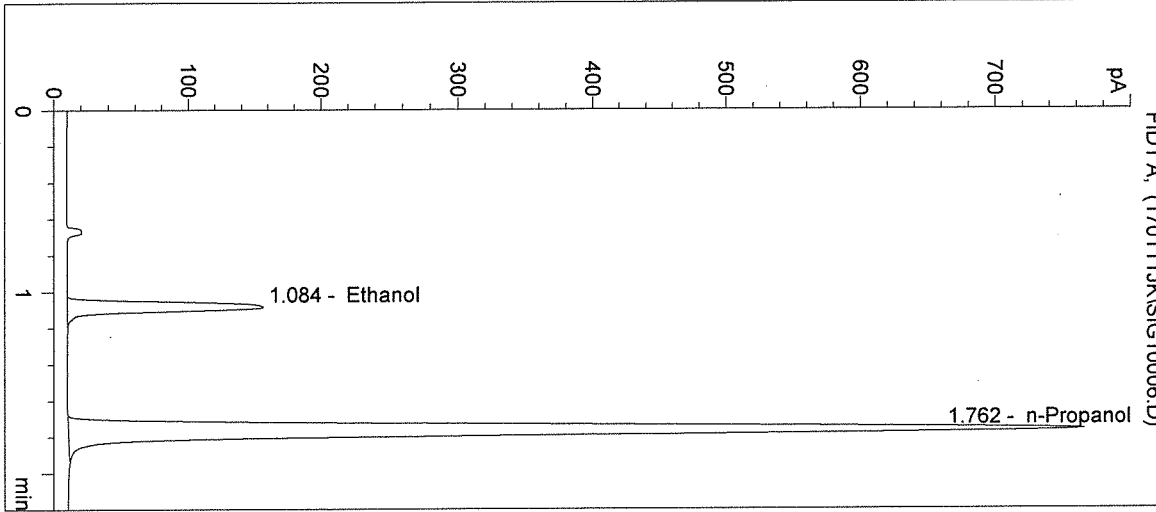


n-Propanol 0.012 g/100mL

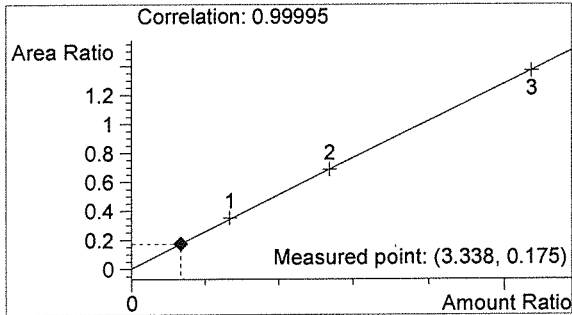
JTC

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

Inj. Date: 1/11/2017 3:52:02 PM Sample Name: 0.04 CTRL
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 6
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17006

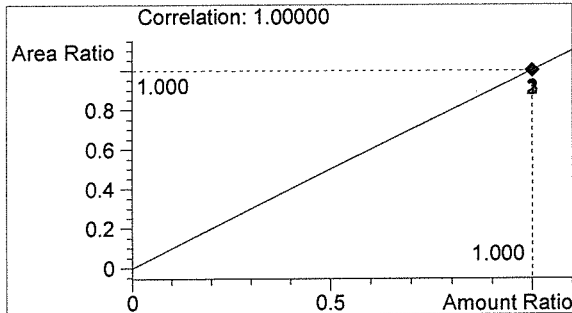


#	Compound	Peak Area	RT (min)
1	Ethanol	498	1.084
2	n-Propanol	2844	1.762



Ethanol 0.040 g/100mL

ALCO



n-Propanol 0.012 g/100mL

JK

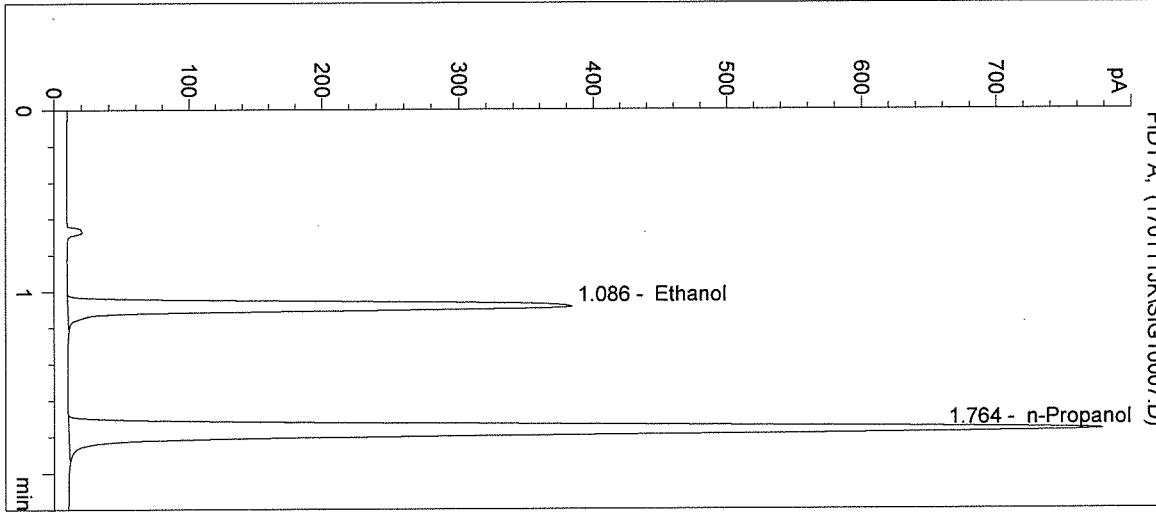
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/11/2017 3:55:15 PM
Instrument: HSGC#1

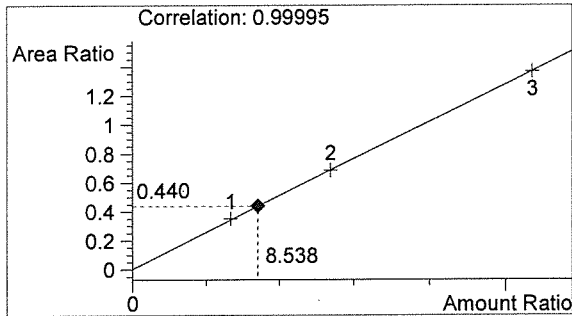
Sample Name: 0.10 CTRL
Operator: Justin Knoy
Location: Vial 7

Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 17006

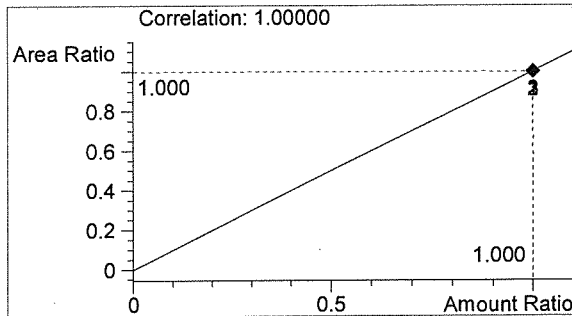


#	Compound	Peak Area	RT (min)
1	Ethanol	1279	1.086
2	n-Propanol	2908	1.764



Ethanol 0.102 g/100mL

AWD

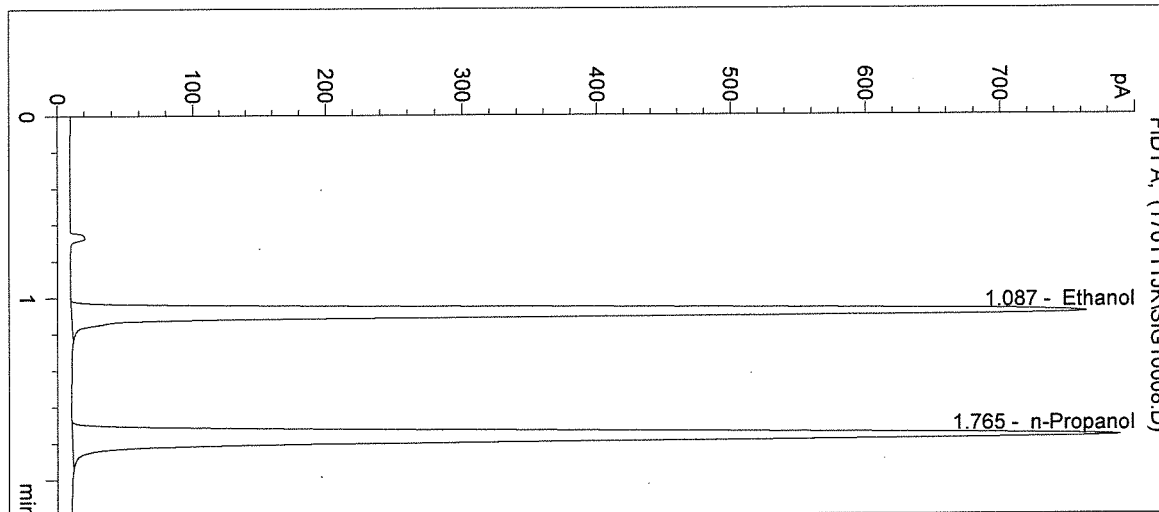


n-Propanol 0.012 g/100mL

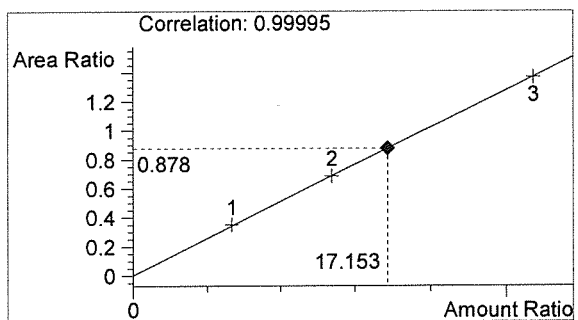
JK

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

Inj. Date: 1/11/2017 3:58:28 PM Sample Name: 0.20 CTRL
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 8
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17006

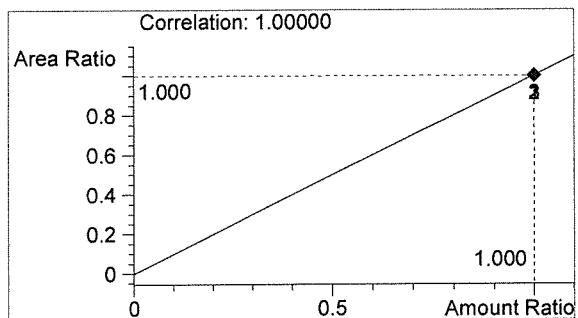


#	Compound	Peak Area	RT (min)
1	Ethanol	2590	1.087
2	n-Propanol	2949	1.765



Ethanol 0.206 g/100mL

BWD



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/11/2017 4:01:42 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

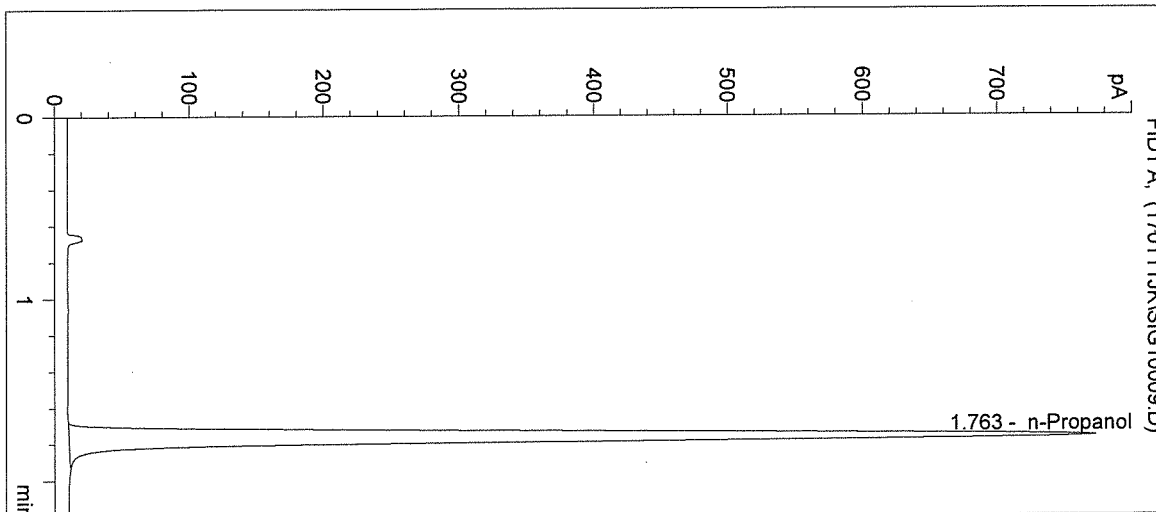
Operator: Justin Knoy

Column: DB-ALC1

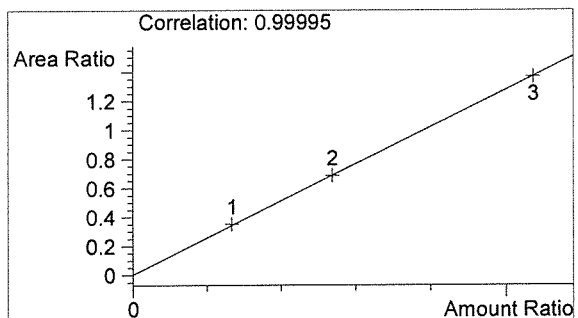
Location: Vial 9

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

Sample Info: 17006

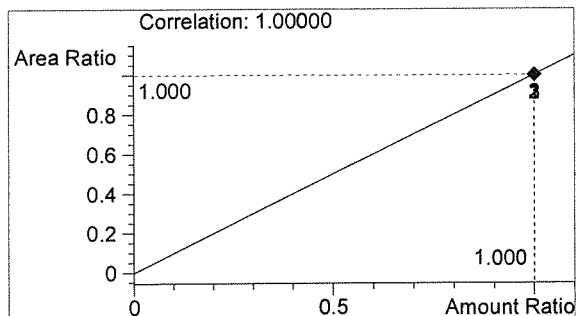


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2875	1.763



Ethanol 0.000 g/100mL

BLD



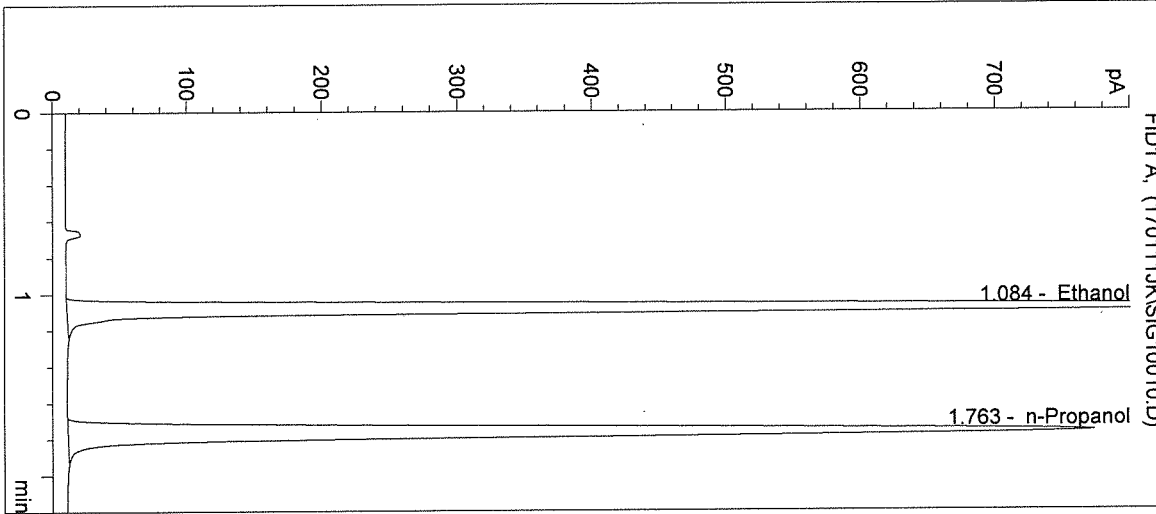
n-Propanol 0.012 g/100mL

OK

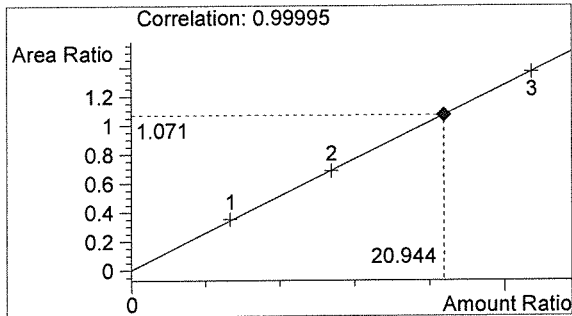
Inj. Date: 1/11/2017 4:04:55 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 17006-1
 Operator: Justin Knoy
 Location: Vial 10

Sample Info:

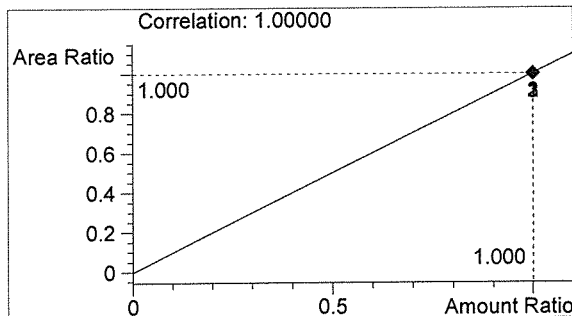


#	Compound	Peak Area	RT (min)
1	Ethanol	3081	1.084
2	n-Propanol	2875	1.763



Ethanol 0.251 g/100mL

RWD



n-Propanol 0.012 g/100mL

W

Inj. Date: 1/11/2017 4:08:08 PM

Sample Name: 17006-2

Instrument: HSGC#1

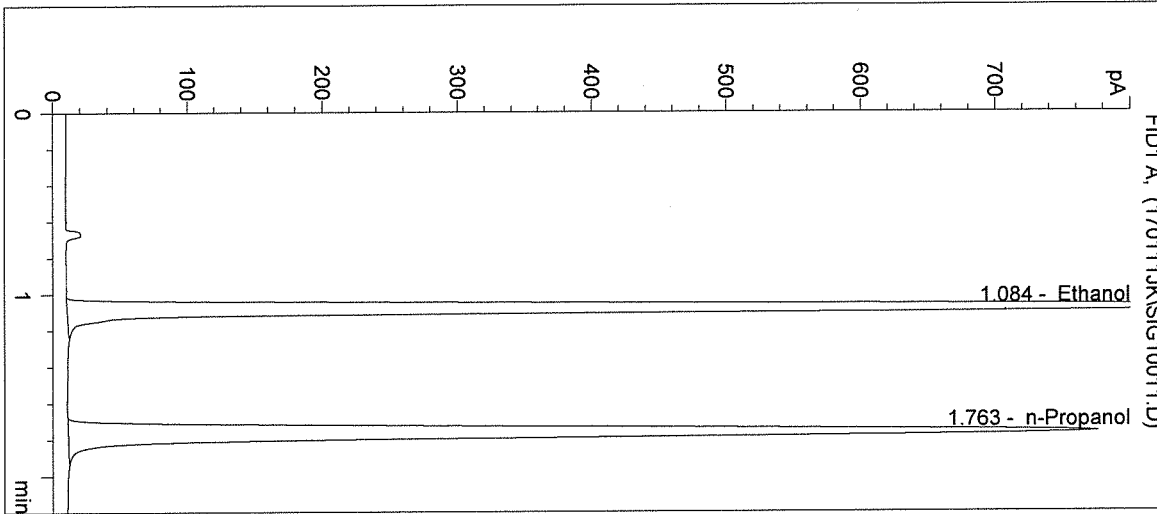
Operator: Justin Knoy

Column: DB-ALC1

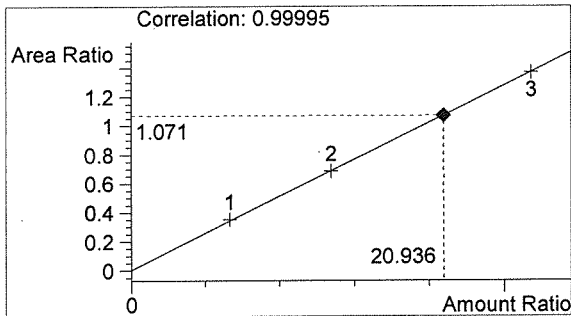
Location: Vial 11

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

Sample Info:

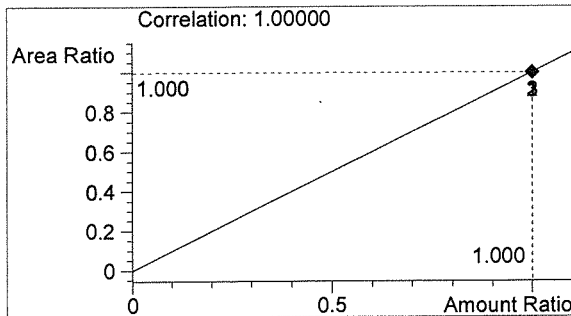


#	Compound	Peak Area	RT (min)
1	Ethanol	3086	1.084
2	n-Propanol	2882	1.763



Ethanol 0.251 g/100mL

BW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/11/2017 4:11:22 PM

Sample Name: 17006-3

Instrument: HSGC#1

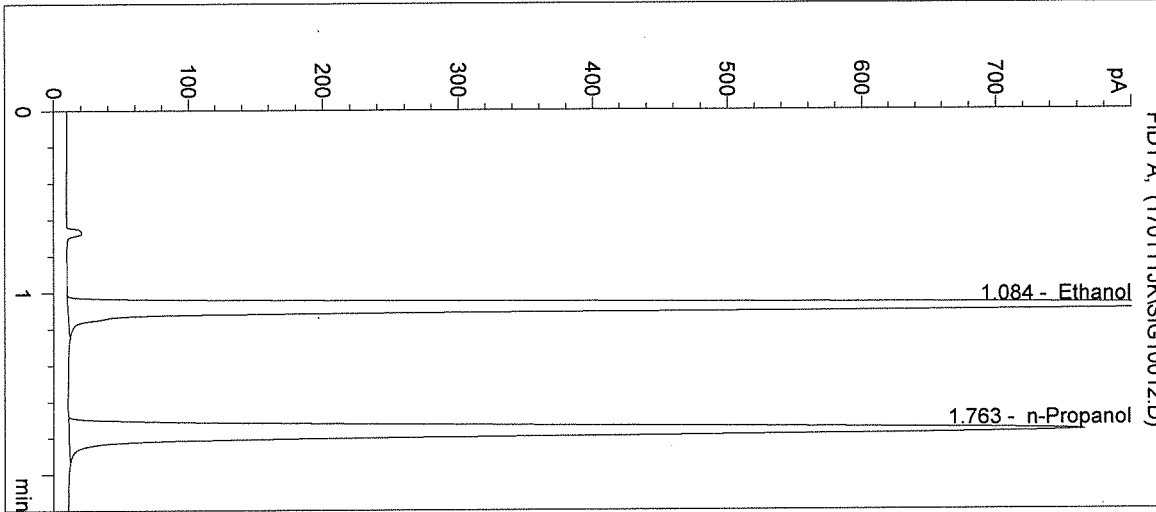
Operator: Justin Knoy

Column: DB-ALC1

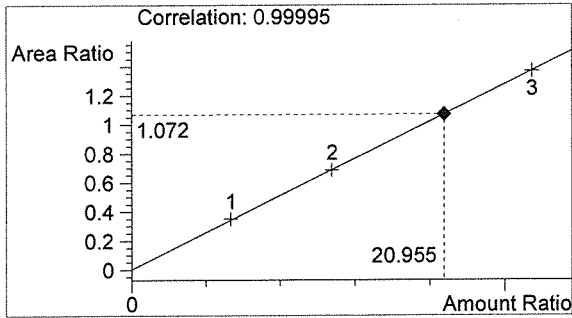
Location: Vial 12

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

Sample Info:

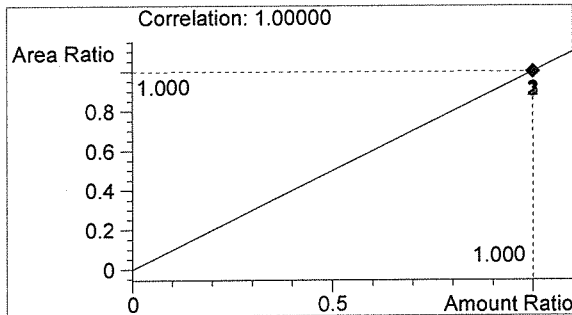


#	Compound	Peak Area	RT (min)
1	Ethanol	3048	1.084
2	n-Propanol	2843	1.763



Ethanol 0.251 g/100mL

ALCO

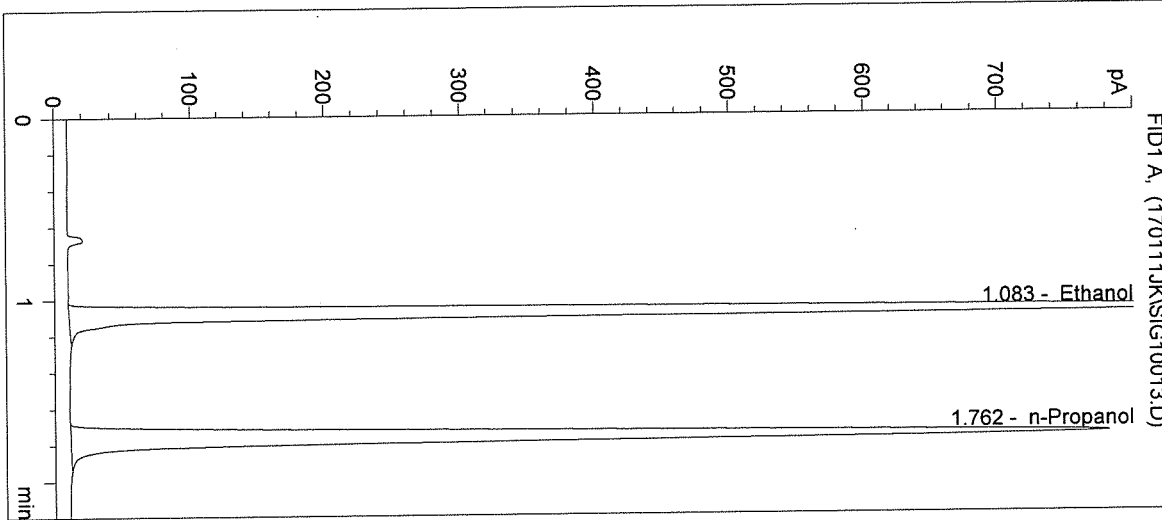


n-Propanol 0.012 g/100mL

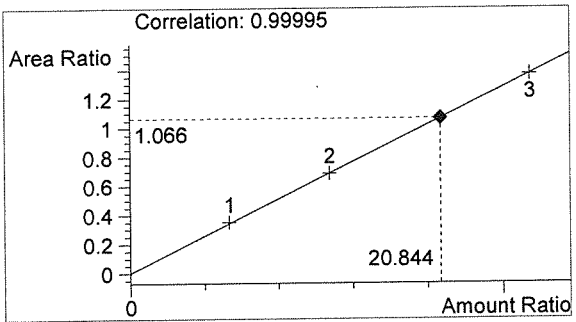
JK

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

Inj. Date: 1/11/2017 4:14:35 PM Sample Name: 17006-4
 Instrument: HSGC#1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 13
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

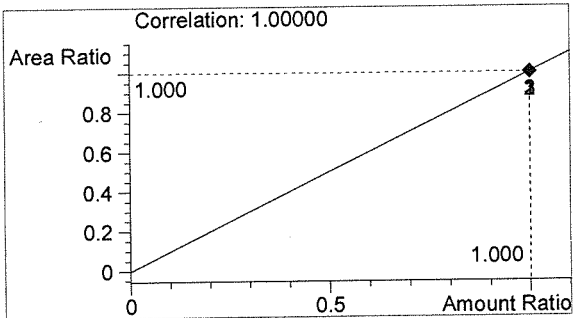


#	Compound	Peak Area	RT (min)
1	Ethanol	3087	1.083
2	n-Propanol	2895	1.762



Ethanol 0.250 g/100mL

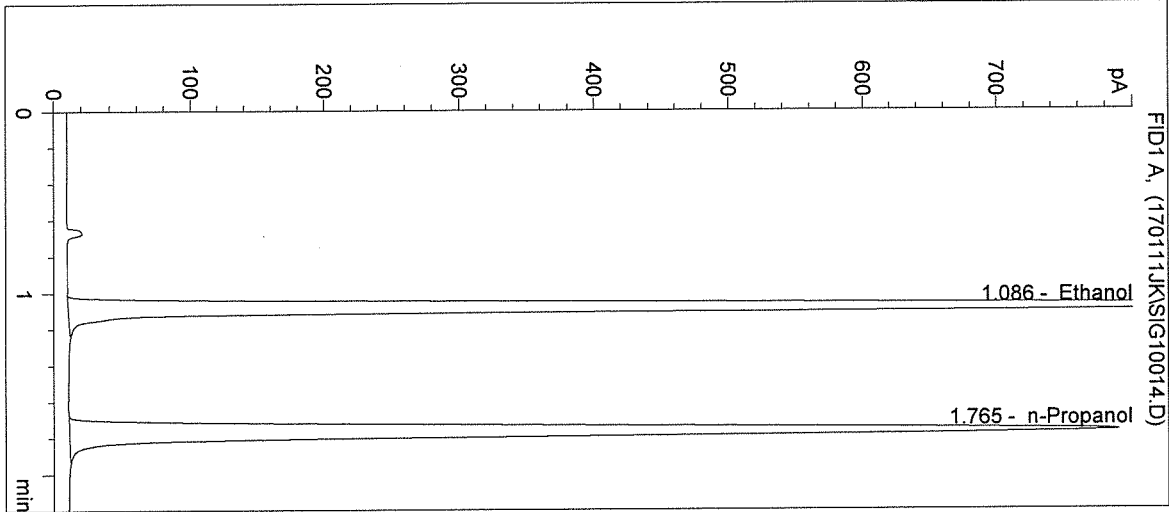
RLW



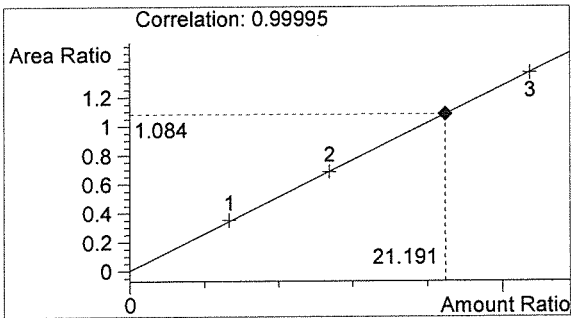
n-Propanol 0.012 g/100mL

JK

Inj. Date: 1/11/2017 4:17:48 PM Sample Name: 17006-5
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 14
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

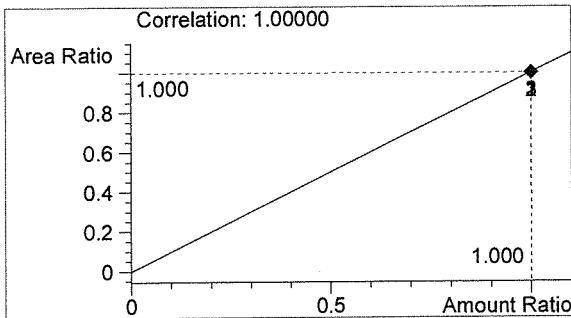


#	Compound	Peak Area	RT (min)
1	Ethanol	3201	1.086
2	n-Propanol	2953	1.765



Ethanol 0.254 g/100mL

BW

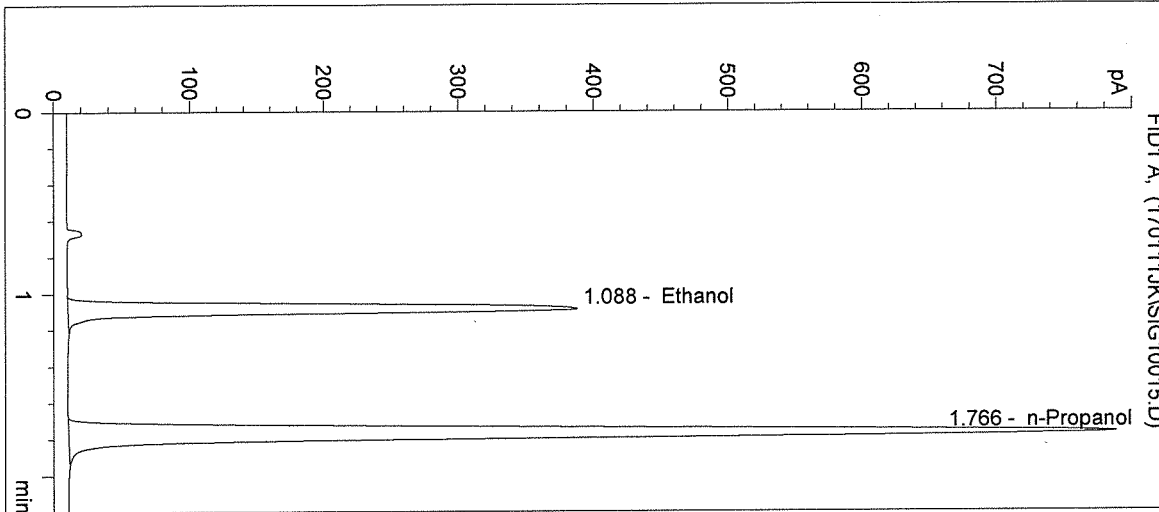


n-Propanol 0.012 g/100mL

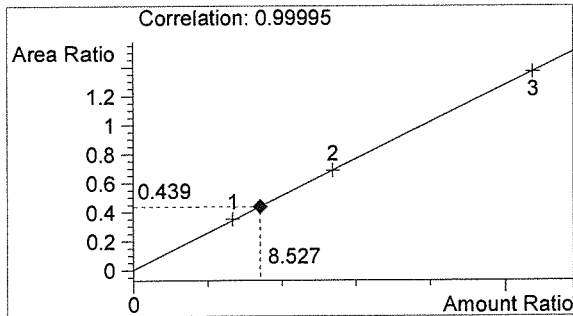
JK

Inj. Date: 1/11/2017 4:21:01 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17006

Sample Name: 0.10 CTRL
 Operator: Justin Knoy
 Location: Vial 15

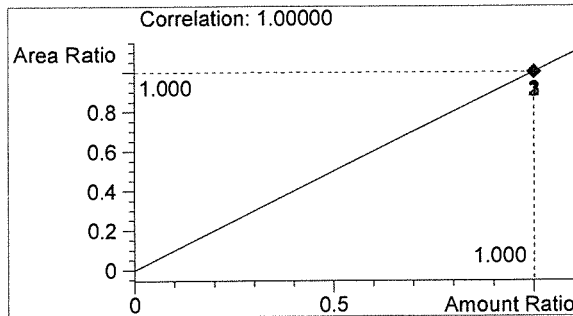


#	Compound	Peak Area	RT (min)
1	Ethanol	1294	1.088
2	n-Propanol	2946	1.766



Ethanol 0.102 g/100mL

AW



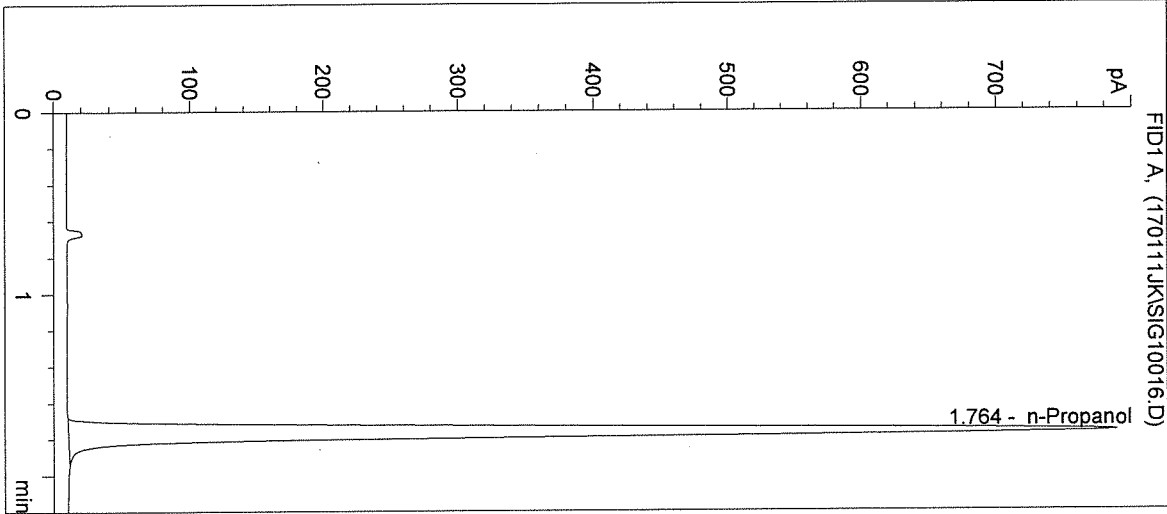
n-Propanol 0.012 g/100mL

JK

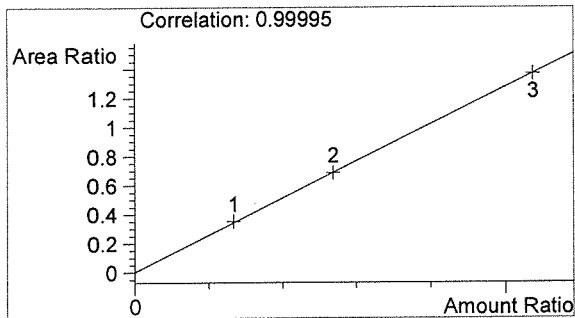
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/11/2017 4:24:13 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17006

Sample Name: NEG CTRL
 Operator: Justin Knoy
 Location: Vial 16

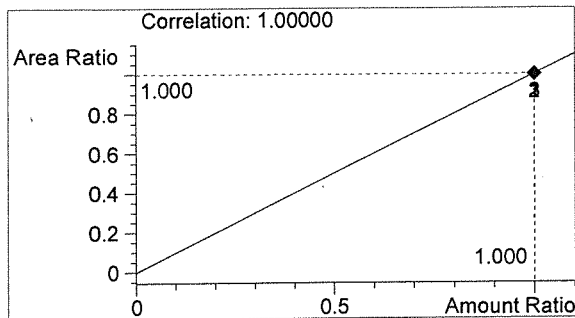


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2940	1.764



Ethanol 0.000 g/100mL

RAW



n-Propanol 0.012 g/100mL

JTC