



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17035

CUSTOMER INFORMATION

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

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

TESTING ITEM INFORMATION

TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 04/12/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Justin L. Knoy

	JLK	AG	CM
1	0.102	0.099	0.101
2	0.100	0.100	0.101
3	0.100	0.099	0.101
4	0.101	0.100	0.100
5	0.100	0.100	0.100
C	0.100	0.101	0.102

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1003 g/100mL PRECISION CV (%): 0.80
STANDARD DEVIATION: 0.00080 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0815 g/210L**
EXPANDED UNCERTAINTY: ± 0.0020 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brittany Thomas
Brittany Thomas Forensic Scientist Supervisor

4/20/17
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy	<i>Justin L. Knoy</i>	04/12/2017
AG	Andrew Gingras	<i>Andrew Gingras</i>	04/13/2017
CM	Christi Mitchell-Mata	<i>Christi Mitchell-Mata</i>	04/14/2017

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division. Page 1 of 1

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 5-2-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17035

	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: 5-2-17

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

QAP Solution Batch #: 17035

Date Prepared: 4/12/2017

Analyst: JLK AG CM
Date Tested: 4/12/2017 4/13/2017 4/14/2017
Instrument: HSGC #1 HSGC #1 HSGC #1

1	0.102	0.099	0.101
2	0.100	0.100	0.101
3	0.100	0.099	0.101
4	0.101	0.100	0.100
5	0.100	0.100	0.100
C	0.100	0.101	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000042314	0.0000326765	0.0001016326

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

Average Solution Concentration: 0.1003 g/100mL
Standard Deviation: 0.00080 g/100mL
Precision CV (%): 0.80
Equivalent Vapor Concentration: 0.0815 g/210L
Combined Standard Uncertainty (\pm): 0.0010 g/210L
Expanded Uncertainty (\pm): 0.0020 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brittany Thomas Brittany Thomas 4/19/17
Name Signature Date

Calculations verified by: Amanda M. Black ASB 5-2-17 Method: Hand calculation
Name Signature Date

Tech. review performed by: Brittany Thomas Brittany Thomas 4/19/17
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		
Andrew Gingras	<i>AG</i>	4/20/17
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata	<i>CM</i>	4/20/17
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	<i>JK</i>	4.20.17
Katie Harris		
Lyndsey Knoy		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 17035
PK 4/20/17

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 17035**

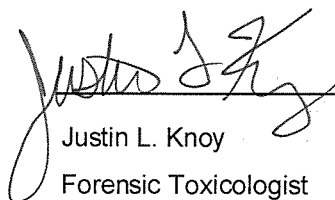
I, Justin L. Knoy, do certify under penalty of perjury that:

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, MS degree in Forensic Science, and am certified as a Diplomate in Forensic Toxicology by the American Board of Forensic Toxicology.

The quality assurance procedure (QAP) solution, Lot Number 17035, was prepared in the Washington State Toxicology Laboratory on 4/12/2017. 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 4/12/2018.

Seattle, WA

 _____ 4.20.17
Justin L. Knoy Date
Forensic Toxicologist



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 17035**


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 17035, was prepared in the Washington State Toxicology Laboratory on 4/12/2017. 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 4/12/2018.

Seattle, WA

 4/20/2017

Christie Mitchell-Mata
Forensic Toxicologist

Date



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 17035**

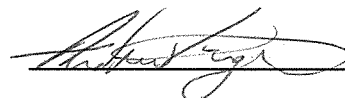
I, Andrew Gingras, do certify under penalty of perjury that:

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 17035, was prepared in the Washington State Toxicology Laboratory on 4/12/2017. 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 4/12/2018.

Seattle, WA

 4/20/2017

Andrew Gingras
Forensic Scientist

Date

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

Preparation Date: 4-12-17 Expiration Date: 4-12-18 Initials of Preparer: JK

Lot # of 200-proof Ethanol used in preparation: 2FE0139

Date the 200-proof Ethanol bottle was opened: 4-12-17

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 checked="" type="checkbox"/>	<u>17034</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>17035</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>17036</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>17037</u>
QAP 0.20 ^{0.08}	56.1 22.4ml	18	<input checked="" type="checkbox"/>	<u>17038</u>
ESS	66.5 ^{BT renewal 4/20/17}	52	<input type="checkbox"/>	<u>N/A</u>
		Stir bar is rotating	<input checked="" type="checkbox"/>	
		Stirred for minimum 30 minutes; 2 hours for ESS	<input checked="" type="checkbox"/>	
		Spigot purged	<input checked="" type="checkbox"/>	
		Aliquot taken	<input checked="" type="checkbox"/>	
		Batch labeled, packaged and sealed	<input checked="" type="checkbox"/>	<u>4-12-17</u>
				Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Justin S. Fry
 Analyst Signature

4-12-17
 Date

~~17035~~ ^{BT 4/20/17}

17035
 BT
 4/20/17

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: 170412JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0217-01 - Exp. 08/21/2017
 Ethanol Calibrator 2, E0217-02 - Exp. 08/21/2017
 Ethanol Calibrator 3, E0217-03 - Exp. 08/21/2017
 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#P0317 - Exp. 06/13/2017

Calibration vials 1-9 filed with 17034.

Diluter #1

JK 4.20.17

PK reviewed 4/20/17

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	17034-1	SIMALC1	1	Sample		
11	Vial 11	17034-2	SIMALC1	1	Sample		
12	Vial 12	17034-3	SIMALC1	1	Sample		
13	Vial 13	17034-4	SIMALC1	1	Sample		
14	Vial 14	17034-5	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	17035-1	SIMALC1	1	Sample		
18	Vial 18	17035-2	SIMALC1	1	Sample		
19	Vial 19	17035-3	SIMALC1	1	Sample		
20	Vial 20	17035-4	SIMALC1	1	Sample		
21	Vial 21	17035-5	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	17036-1	SIMALC1	1	Sample		
25	Vial 25	17036-2	SIMALC1	1	Sample		
26	Vial 26	17036-3	SIMALC1	1	Sample		

~~17035~~ *PK 4/19/17*

~~17034~~ *PK 4/19/17*

PK 4/19/17

17035

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	17036-4	SIMALC1	1	Sample		
28	Vial 28	17036-5	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	17037-1	SIMALC1	1	Sample		
32	Vial 32	17037-2	SIMALC1	1	Sample		
33	Vial 33	17037-3	SIMALC1	1	Sample		
34	Vial 34	17037-4	SIMALC1	1	Sample		
35	Vial 35	17037-5	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	17038-1	SIMALC1	1	Sample		
39	Vial 39	17038-2	SIMALC1	1	Sample		
40	Vial 40	17038-3	SIMALC1	1	Sample		
41	Vial 41	17038-4	SIMALC1	1	Sample		
42	Vial 42	17038-5	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!

~~17034~~

BT
4/19/17
17035

JK JK

Inj. Date: 4/12/2017 11:56:48 AM

Sample Name: 17035-1

Instrument: HSGC#1

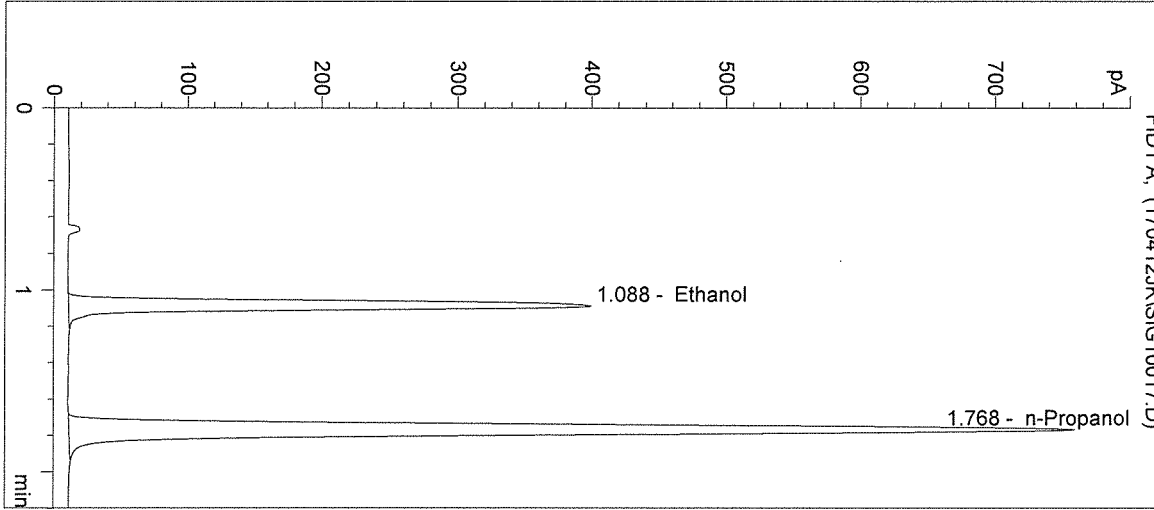
Operator: Justin Knoy

Column: DB-ALC1

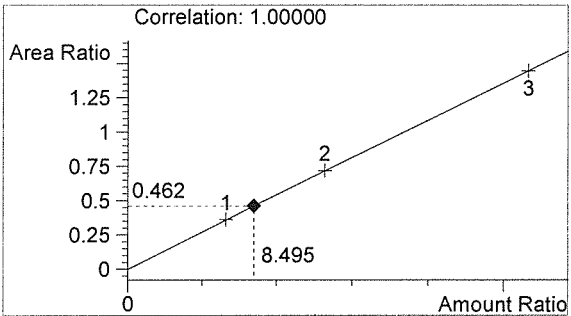
Location: Vial 17

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

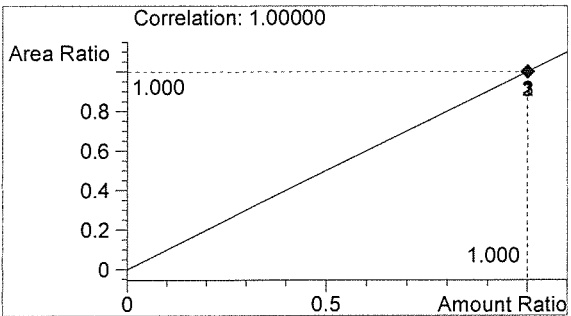
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1293	1.088
2	n-Propanol	2799	1.768



Ethanol 0.102 g/100mL *BT*



n-Propanol 0.012 g/100mL

JK

Inj. Date: 4/12/2017 12:00:01 PM

Sample Name: 17035-2

Instrument: HSGC#1

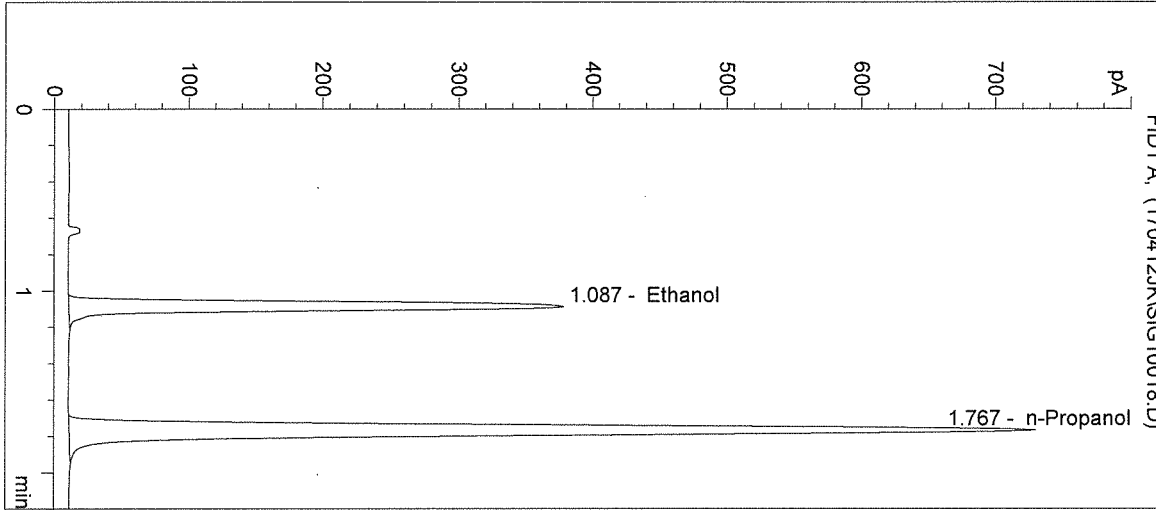
Operator: Justin Knoy

Column: DB-ALC1

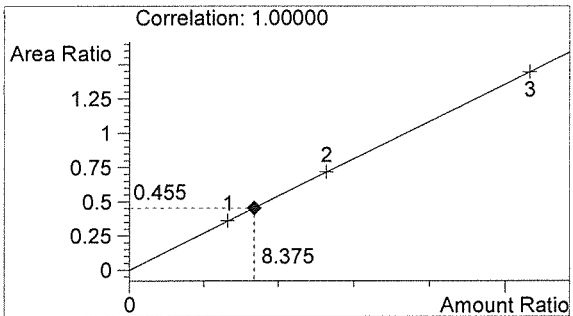
Location: Vial 18

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

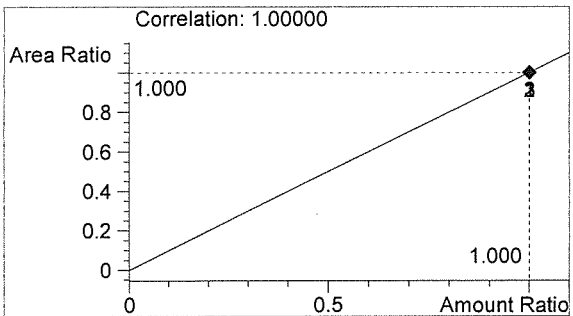
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1220	1.087
2	n-Propanol	2678	1.767



Ethanol 0.100 g/100mL *JK*



n-Propanol 0.012 g/100mL

JK

Inj. Date: 4/12/2017 12:03:14 PM

Sample Name: 17035-3

Instrument: HSGC#1

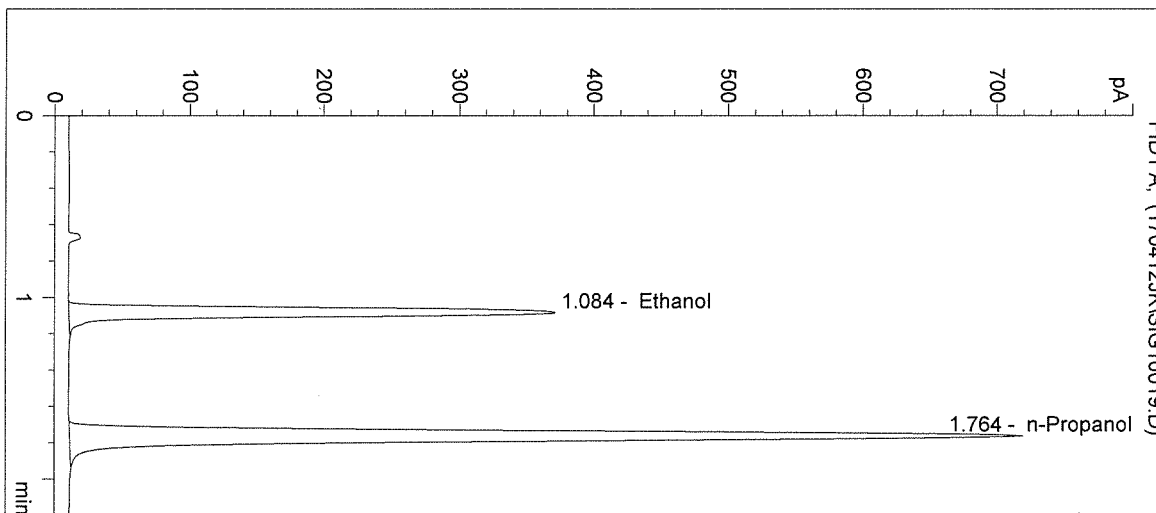
Operator: Justin Knoy

Column: DB-ALC1

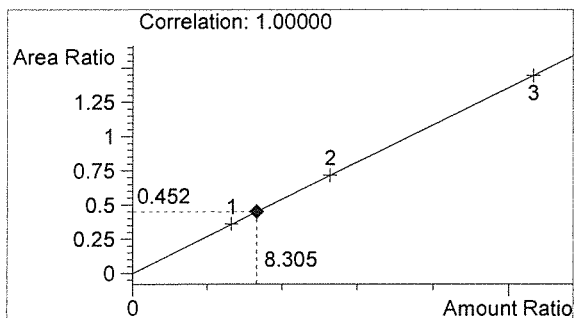
Location: Vial 19

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

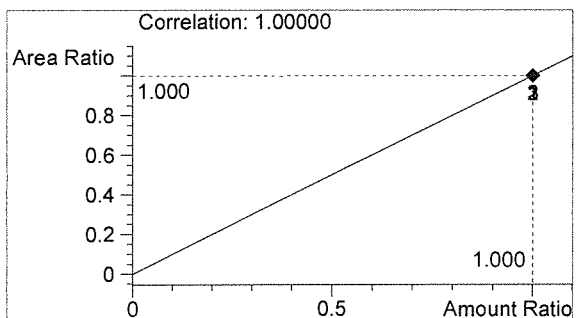
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1190	1.084
2	n-Propanol	2635	1.764



Ethanol 0.100 g/100mL *JK*



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 4/12/2017 12:06:27 PM

Sample Name: 17035-4

Instrument: HSGC#1

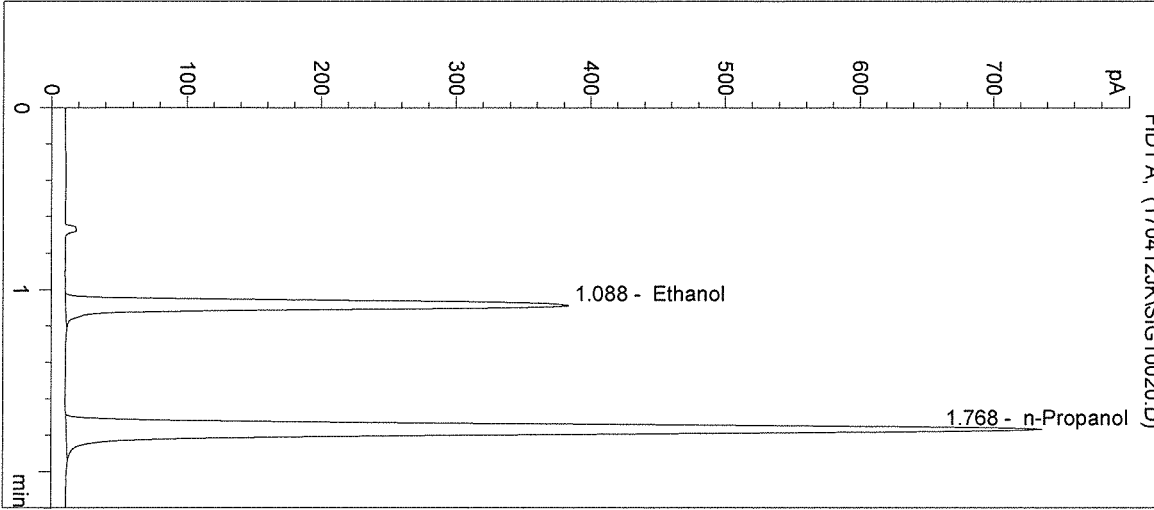
Operator: Justin Knoy

Column: DB-ALC1

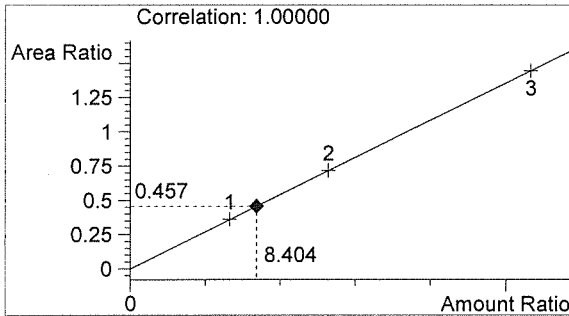
Location: Vial 20

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

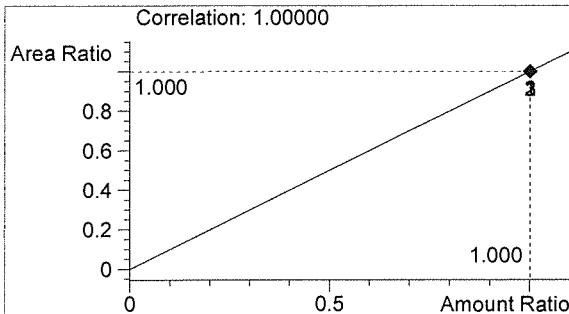
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1238	1.088
2	n-Propanol	2709	1.768



Ethanol 0.101 g/100mL *JK*



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 4/12/2017 12:09:41 PM

Sample Name: 17035-5

Instrument: HSGC#1

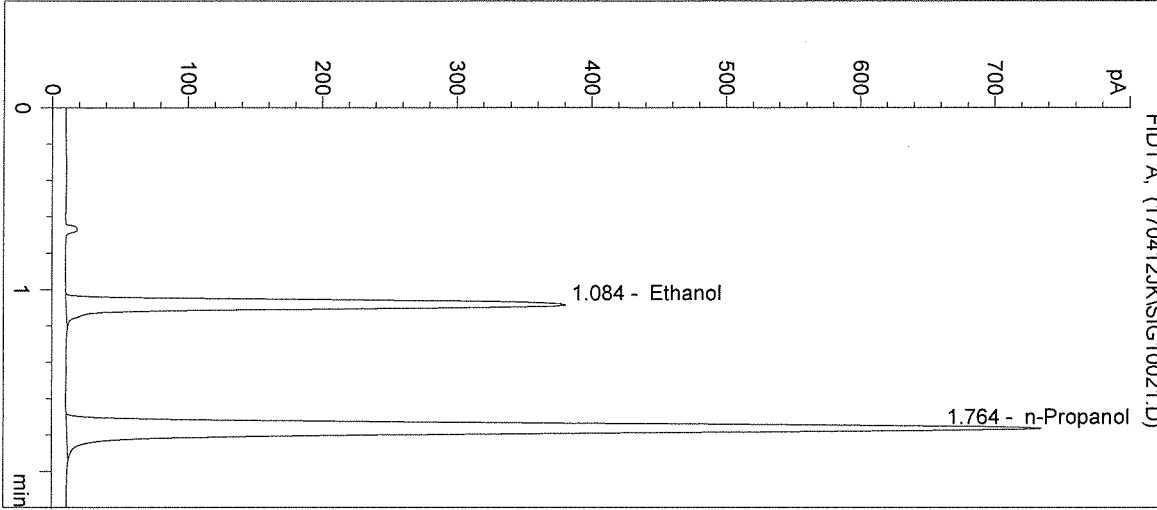
Operator: Justin Knoy

Column: DB-ALC1

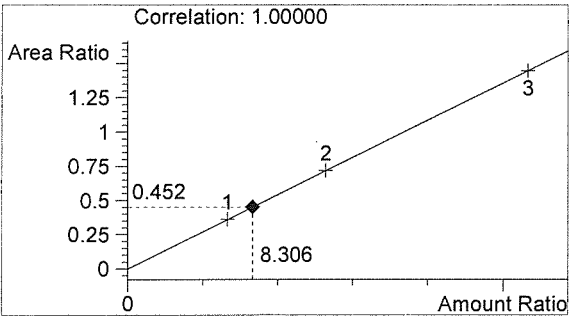
Location: Vial 21

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

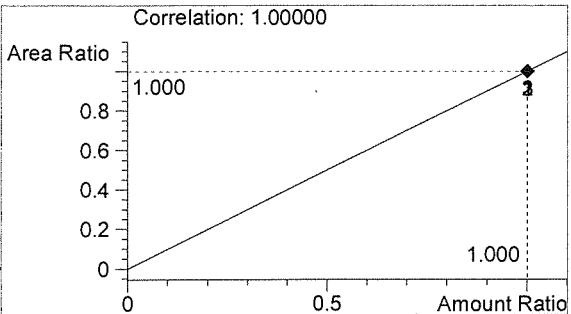
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1215	1.084
2	n-Propanol	2690	1.764



Ethanol 0.100 g/100mL *JK*



n-Propanol 0.012 g/100mL

JK

Inj. Date: 4/12/2017 12:12:54 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

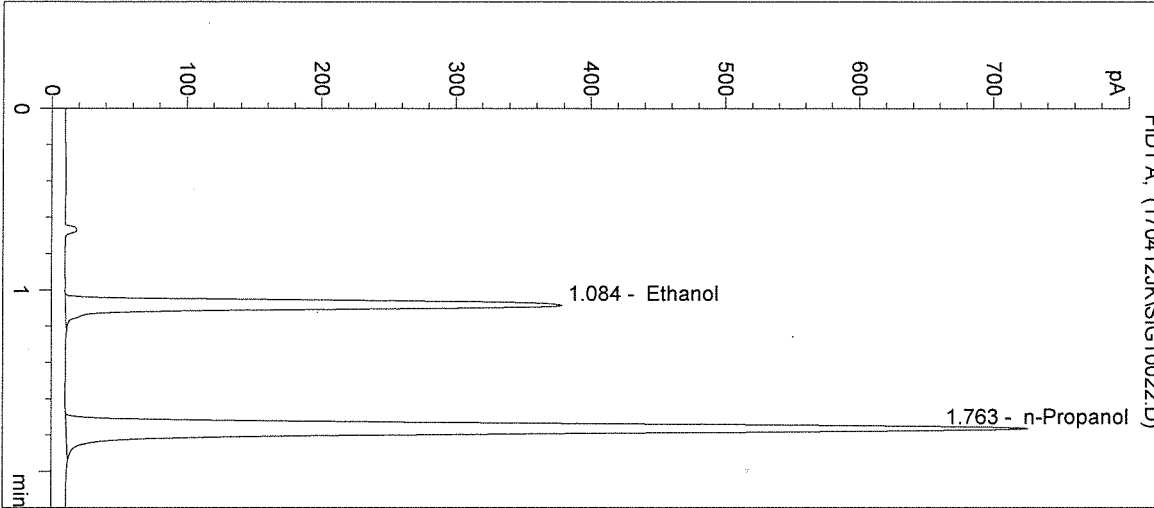
Operator: Justin Knoy

Column: DB-ALC1

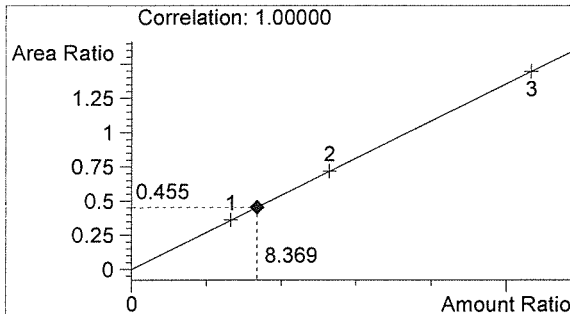
Location: Vial 22

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

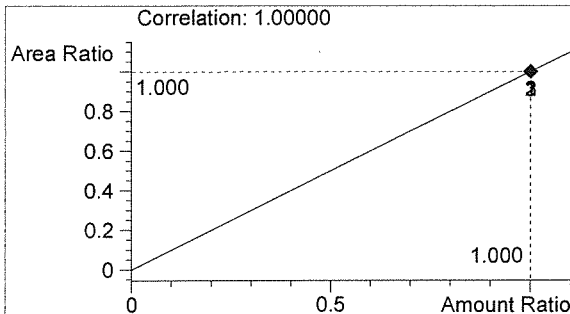
Sample Info: 17035



#	Compound	Peak Area	RT (min)
1	Ethanol	1208	1.084
2	n-Propanol	2655	1.763



Ethanol 0.100 g/100mL *JK*



n-Propanol 0.012 g/100mL

JK

Inj. Date: 4/12/2017 12:16:07 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

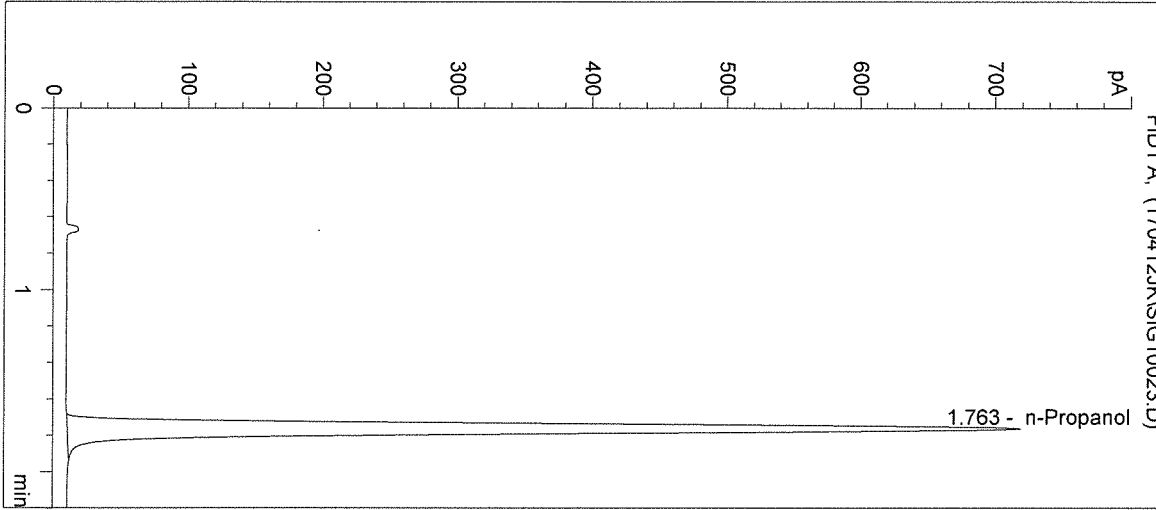
Operator: Justin Knoy

Column: DB-ALC1

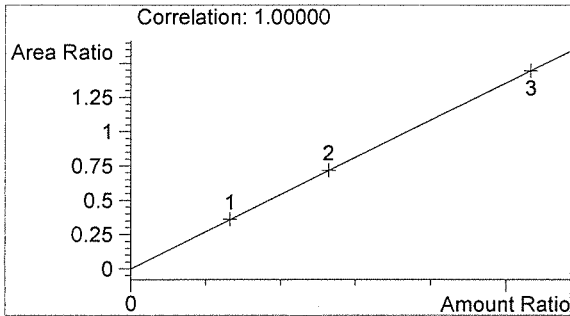
Location: Vial 23

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

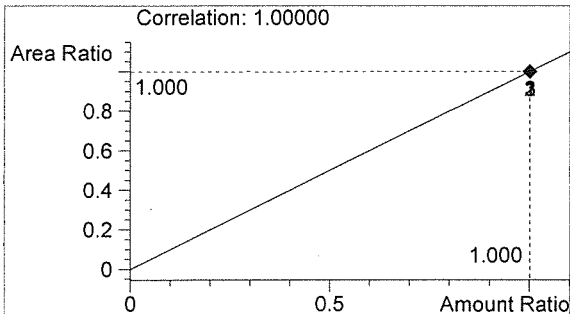
Sample Info: 17035



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2628	1.763



Ethanol 0.000 g/100mL *JK*



n-Propanol 0.012 g/100mL

JK

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: 170413AG
 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# E0217-01 - EXP 8/21/2017
 CAL 2 (0.158g/100mL) - LOT# E0217-02 - EXP 8/21/2017
 CAL 3 (0.316g/100mL) - LOT# E0217-03 - EXP 8/21/2017

n-Propanol ISTD - LOT# P0117 - 4/20/2017
 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 17034
 Dilutor #3

AG
4/13/17

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 17034 #1	SIMALC1	1	Sample		
11	Vial 11	QAP 17034 #2	SIMALC1	1	Sample		
12	Vial 12	QAP 17034 #3	SIMALC1	1	Sample		
13	Vial 13	QAP 17034 #4	SIMALC1	1	Sample		
14	Vial 14	QAP 17034 #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 17035 #1	SIMALC1	1	Sample		
18	Vial 18	QAP 17035 #2	SIMALC1	1	Sample		
19	Vial 19	QAP 17035 #3	SIMALC1	1	Sample		
20	Vial 20	QAP 17035 #4	SIMALC1	1	Sample		
21	Vial 21	QAP 17035 #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 17036 #1	SIMALC1	1	Sample		

17034

17035

Bot
4/13/17

AG

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	QAP 17036 #2	SIMALC1	1	Sample		
26	Vial 26	QAP 17036 #3	SIMALC1	1	Sample		
27	Vial 27	QAP 17036 #4	SIMALC1	1	Sample		
28	Vial 28	QAP 17036 #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 17037 #1	SIMALC1	1	Sample		
32	Vial 32	QAP 17037 #2	SIMALC1	1	Sample		
33	Vial 33	QAP 17037 #3	SIMALC1	1	Sample		
34	Vial 34	QAP 17037 #4	SIMALC1	1	Sample		
35	Vial 35	QAP 17037 #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 17038 #1	SIMALC1	1	Sample		
39	Vial 39	QAP 17038 #2	SIMALC1	1	Sample		
40	Vial 40	QAP 17038 #3	SIMALC1	1	Sample		
41	Vial 41	QAP 17038 #4	SIMALC1	1	Sample		
42	Vial 42	QAP 17038 #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!

RT 4/11/17
~~17034~~
 MT
 4/11/17
 17035

JB

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

Inj. Date: 4/13/2017 3:24:33 PM

Sample Name: QAP 17035 #1

Instrument: HSGC#1

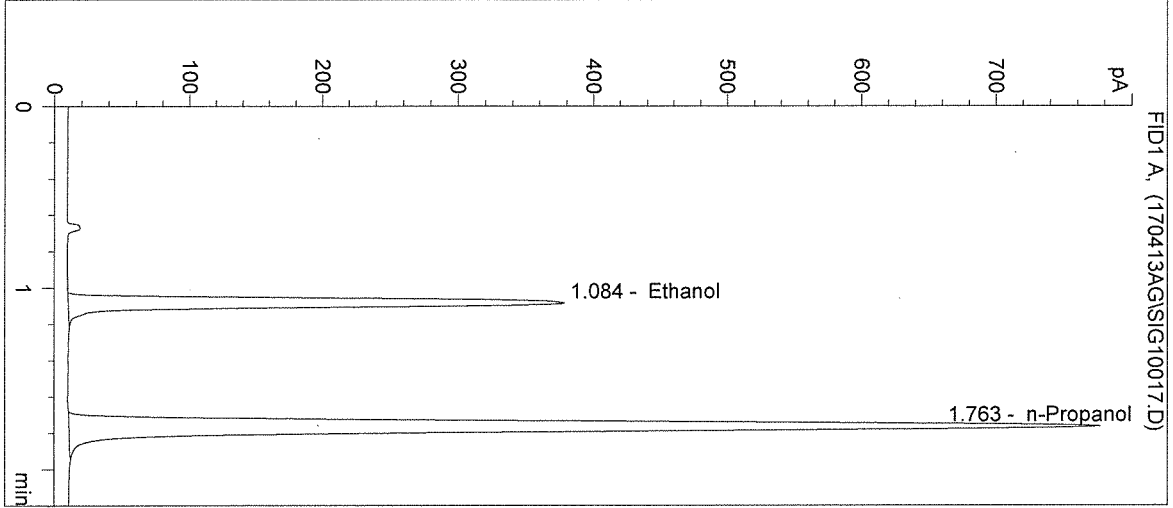
Operator: Andrew Gingras

Column: DB-ALC1

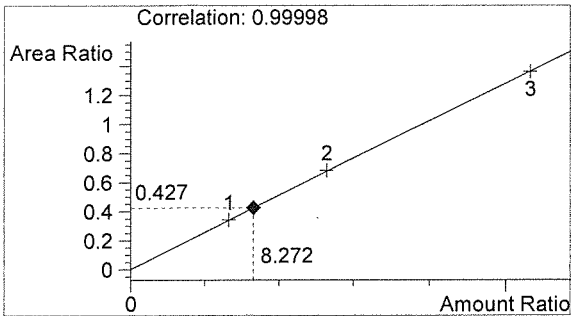
Location: Vial 17

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

Sample Info:

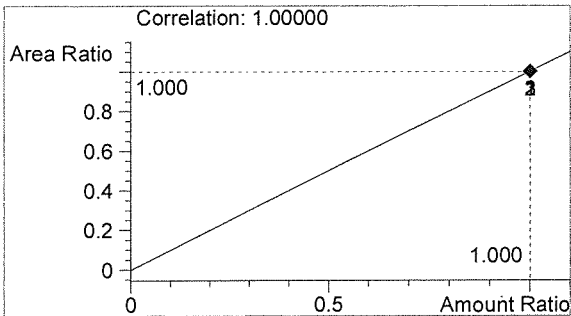


#	Compound	Peak Area	RT (min)
1	Ethanol	1217	1.084
2	n-Propanol	2853	1.763



Ethanol 0.099 g/100mL

PA



n-Propanol 0.012 g/100mL

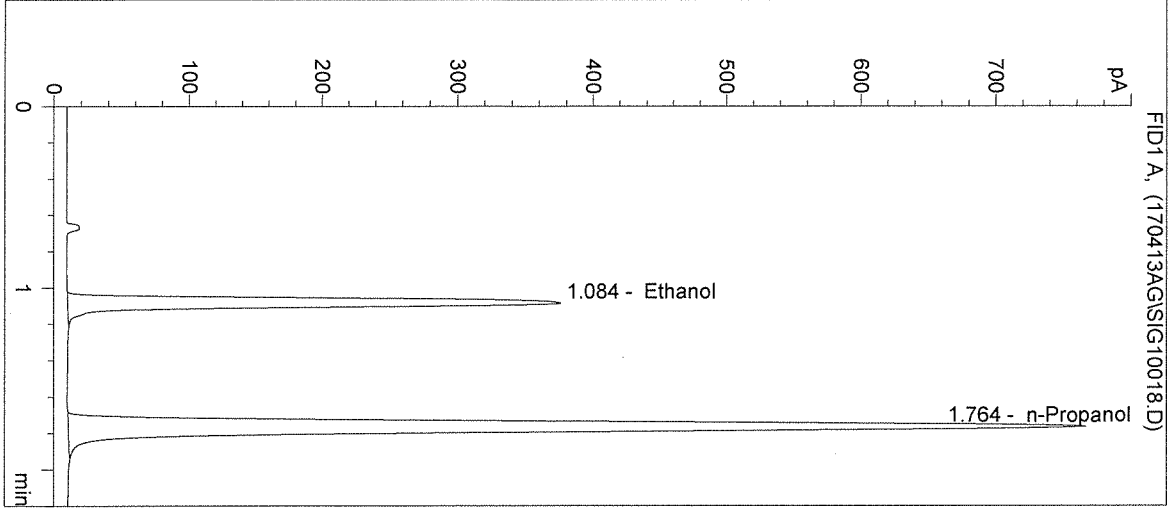
AB

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

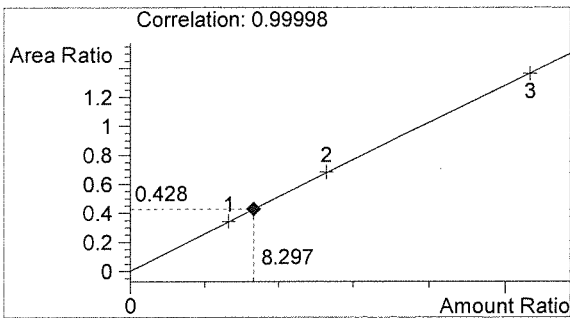
Inj. Date: 4/13/2017 3:27:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: QAP 17035 #2
Operator: Andrew Gingras
Location: Vial 18

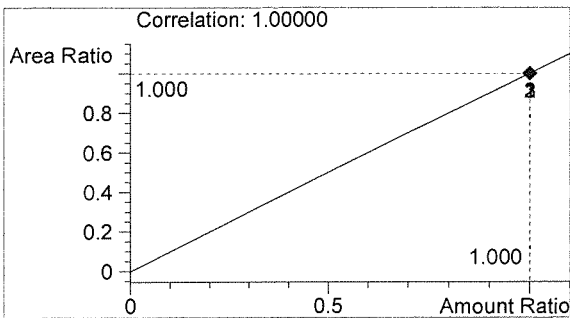
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1207	1.084
2	n-Propanol	2821	1.764



Ethanol 0.100 g/100mL *not*



n-Propanol 0.012 g/100mL

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

Inj. Date: 4/13/2017 3:30:59 PM

Sample Name: QAP 17035 #3

Instrument: HSGC#1

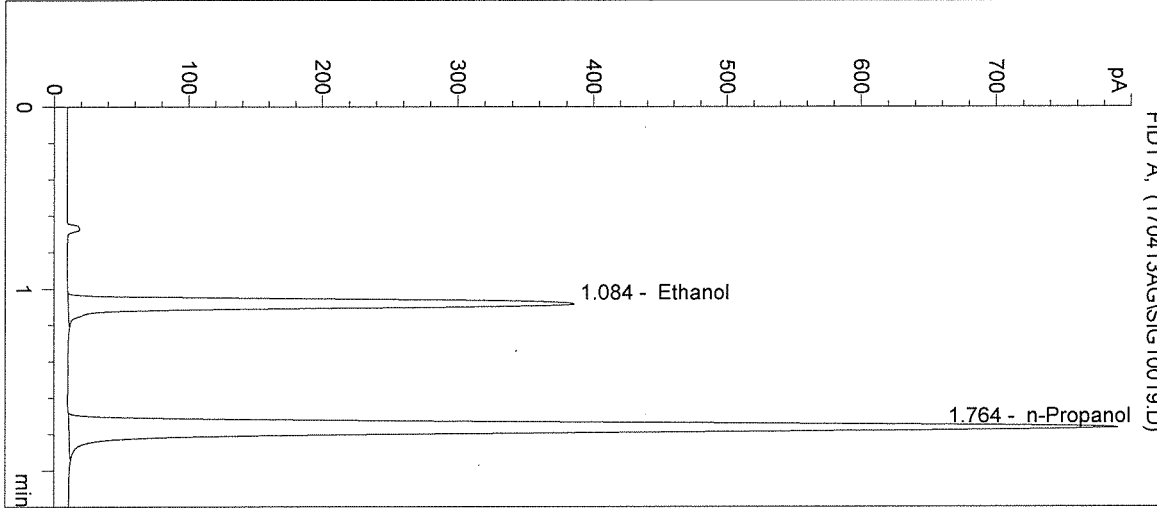
Operator: Andrew Gingras

Column: DB-ALC1

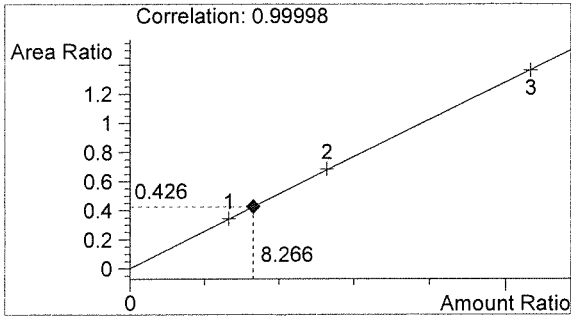
Location: Vial 19

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

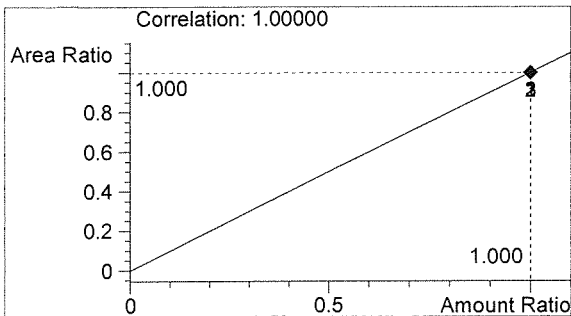
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1233	1.084
2	n-Propanol	2893	1.764



Ethanol 0.099 g/100mL *VG*



n-Propanol 0.012 g/100mL

VG

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

Inj. Date: 4/13/2017 3:34:13 PM

Sample Name: QAP 17035 #4

Instrument: HSGC#1

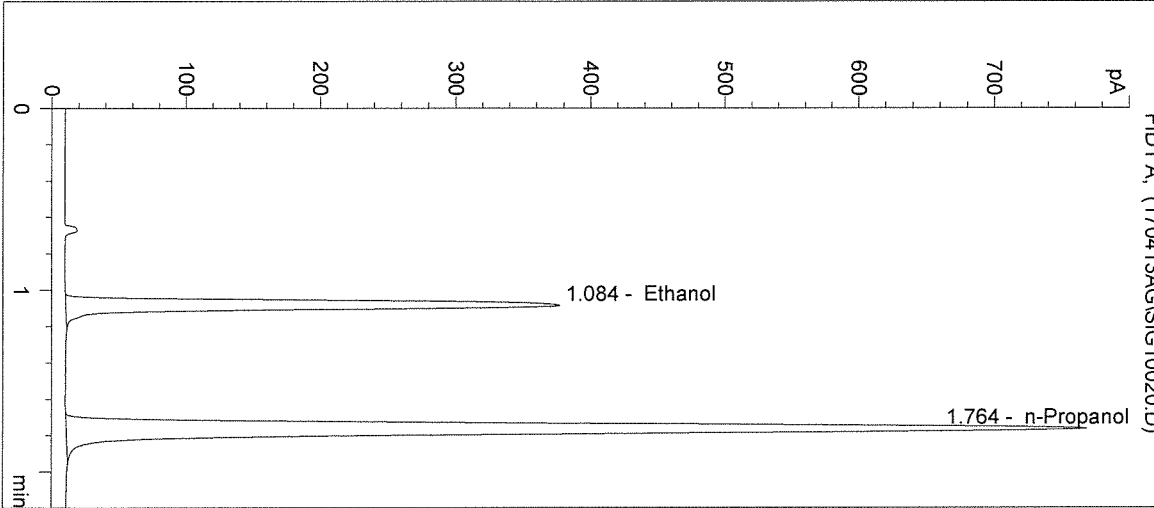
Operator: Andrew Gingras

Column: DB-ALC1

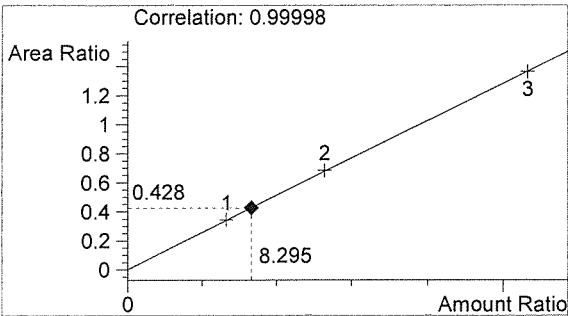
Location: Vial 20

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

Sample Info:

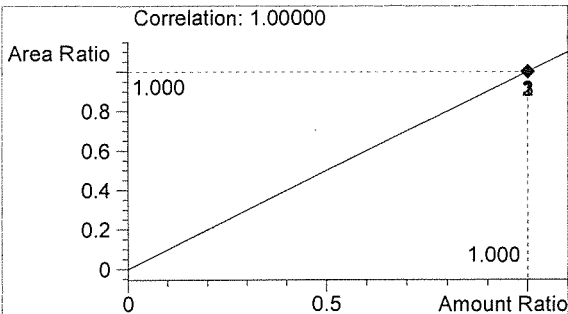


#	Compound	Peak Area	RT (min)
1	Ethanol	1209	1.084
2	n-Propanol	2826	1.764



Ethanol 0.100 g/100mL

BT

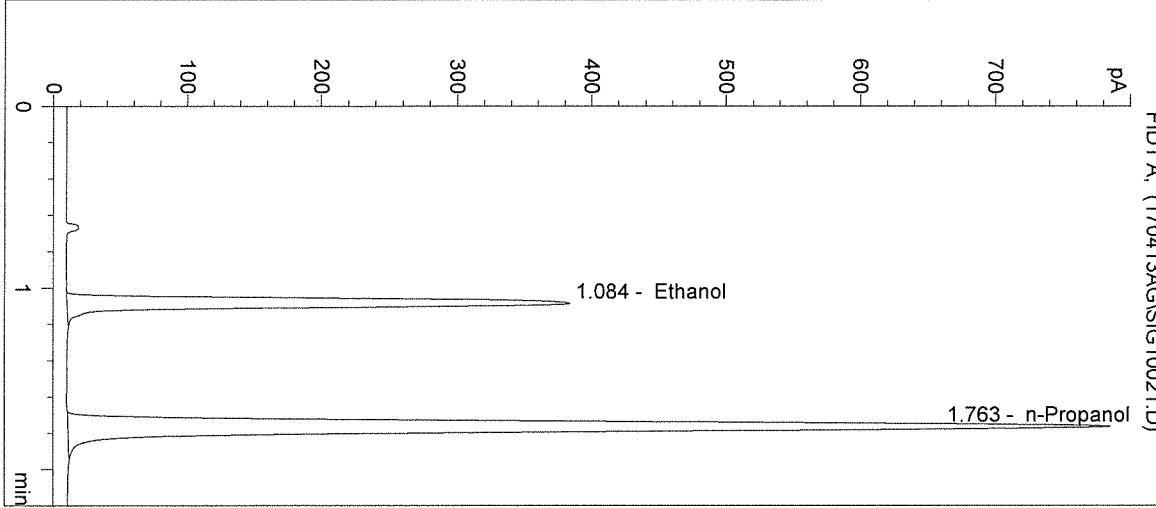


n-Propanol 0.012 g/100mL

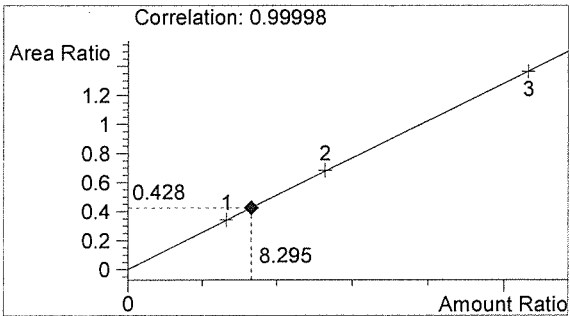
BT

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2203 Airport Way S Seattle, WA 98134

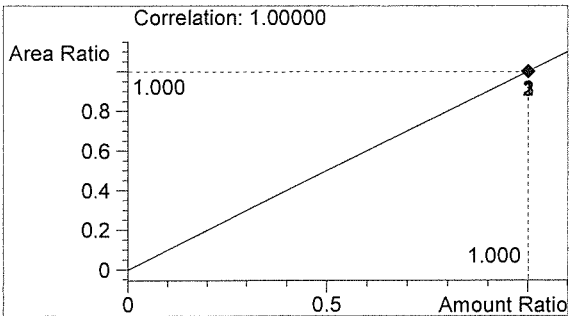
Inj. Date: 4/13/2017 3:37:25 PM Sample Name: QAP 17035 #5
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 21
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1231	1.084
2	n-Propanol	2878	1.763



Ethanol 0.100 g/100mL *WT*

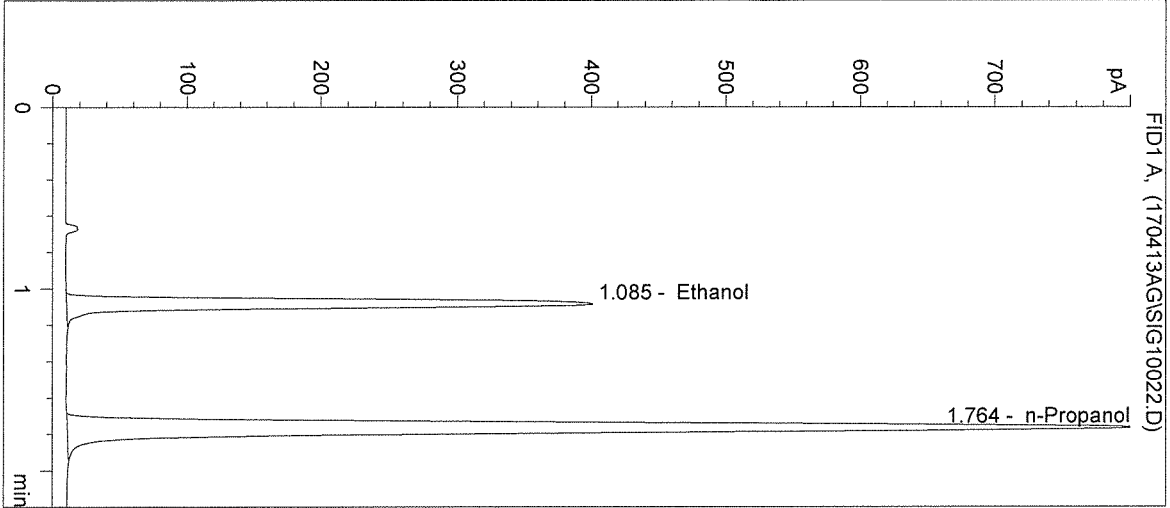


n-Propanol 0.012 g/100mL

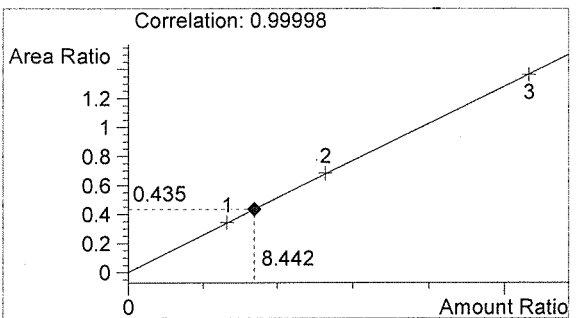
Handwritten signature

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

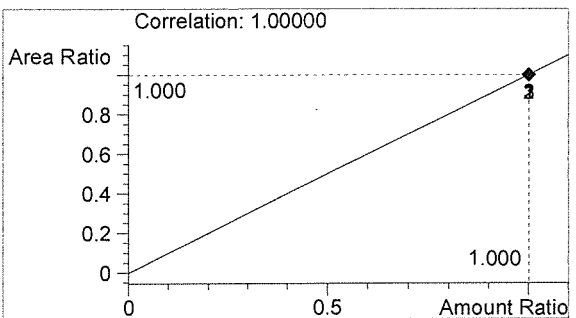
Inj. Date: 4/13/2017 3:40:39 PM Sample Name: 0.10 CTRL
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 22
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17035



#	Compound	Peak Area	RT (min)
1	Ethanol	1290	1.085
2	n-Propanol	2963	1.764



Ethanol 0.101 g/100mL *WAT*



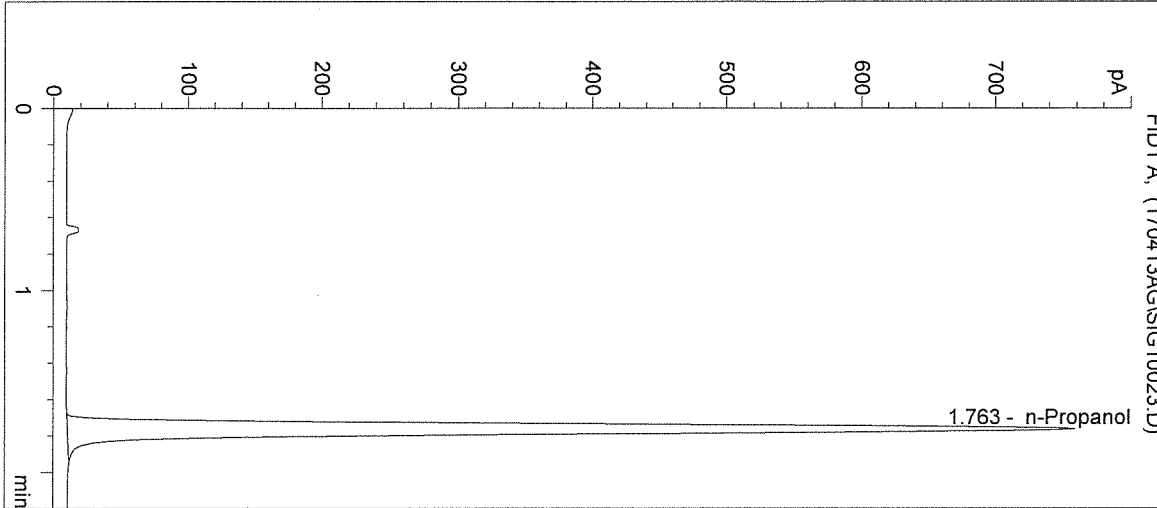
n-Propanol 0.012 g/100mL

AG

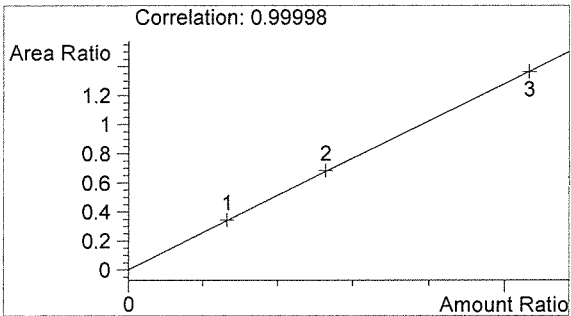
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/13/2017 3:43:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17035

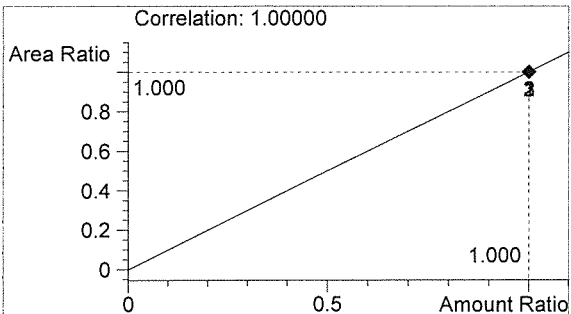
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2786	1.763



Ethanol 0.000 g/100mL *MA*



n-Propanol 0.012 g/100mL

AS

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: 170414CM
 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, E0217-01 - Exp. 08/21/17
 Ethanol Calibrator 2 0.158 g/100 mL, E0217-02 - Exp. 08/21/17
 Ethanol Calibrator 3 0.316 g/100 mL, E0217-03 - Exp. 08/21/17
 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#P0317 - Exp. 06/13/2017
 Dilutor #1
 Calibration 1-9 filed with 17034

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	17034 #1	SIMALC1	1	Sample		
11	Vial 11	17034 #2	SIMALC1	1	Sample		
12	Vial 12	17034 #3	SIMALC1	1	Sample		
13	Vial 13	17034 #4	SIMALC1	1	Sample		
14	Vial 14	17034 #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	17035 #1	SIMALC1	1	Sample		
18	Vial 18	17035 #2	SIMALC1	1	Sample		
19	Vial 19	17035 #3	SIMALC1	1	Sample		
20	Vial 20	17035 #4	SIMALC1	1	Sample		
21	Vial 21	17035 #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	17036 #1	SIMALC1	1	Sample		
25	Vial 25	17036 #2	SIMALC1	1	Sample		
26	Vial 26	17036 #3	SIMALC1	1	Sample		

~~17034~~ BT
 BT
 4/14/17
 17035

Handwritten signatures

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	17036 #4	SIMALC1	1	Sample		
28	Vial 28	17036 #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	17037 #1	SIMALC1	1	Sample		
32	Vial 32	17037 #2	SIMALC1	1	Sample		
33	Vial 33	17037 #3	SIMALC1	1	Sample		
34	Vial 34	17037 #4	SIMALC1	1	Sample		
35	Vial 35	17037 #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	17038 #1	SIMALC1	1	Sample		
39	Vial 39	17038 #2	SIMALC1	1	Sample		
40	Vial 40	17038 #3	SIMALC1	1	Sample		
41	Vial 41	17038 #4	SIMALC1	1	Sample		
42	Vial 42	17038 #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		

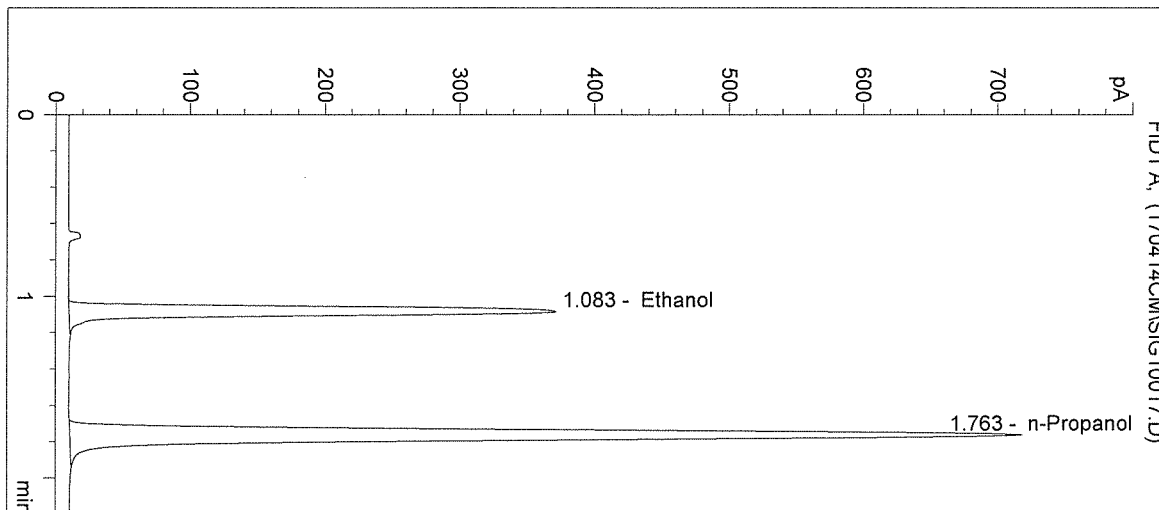
Sequence Table (Back Injector):

No entries - empty table!

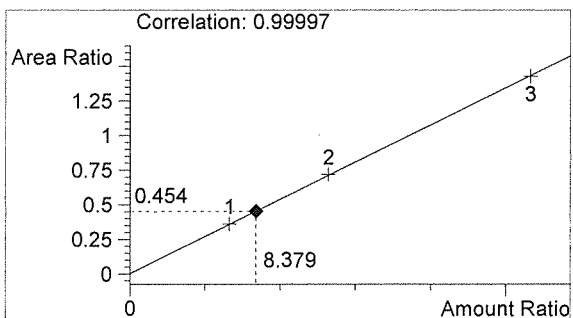
~~17034~~ ^{RT} _{4/14/17}
 RT
 4/14/17
 17035
 M M

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

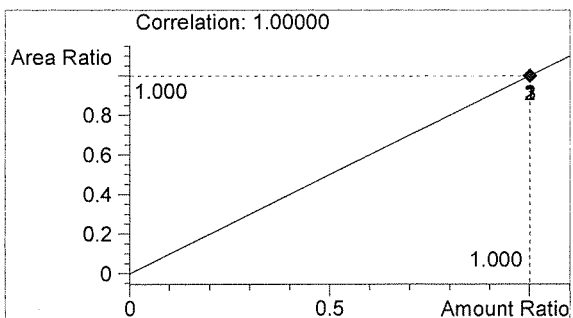
Inj. Date: 4/14/2017 11:50:59 AM Sample Name: 17035 #1
 Instrument: HSGC#1 Operator: Christie Mitchell-Mata
 Column: DB-ALC1 Location: Vial 17
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1202	1.083
2	n-Propanol	2645	1.763



Ethanol 0.101 g/100mL *PK*



n-Propanol 0.012 g/100mL

M

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

Inj. Date: 4/14/2017 11:54:12 AM

Sample Name: 17035 #2

Instrument: HSGC#1

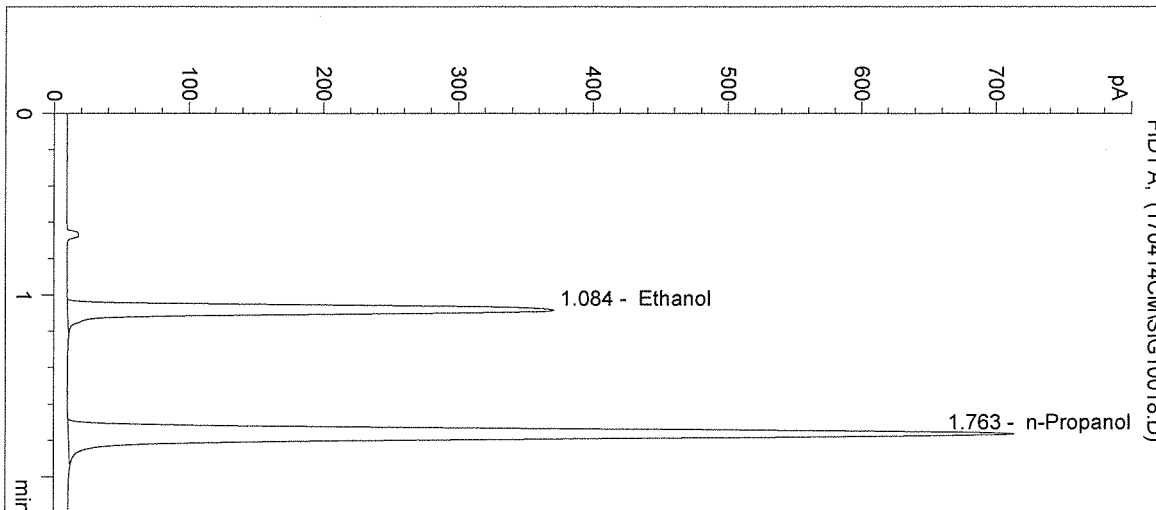
Operator: Christie Mitchell-Mata

Column: DB-ALC1

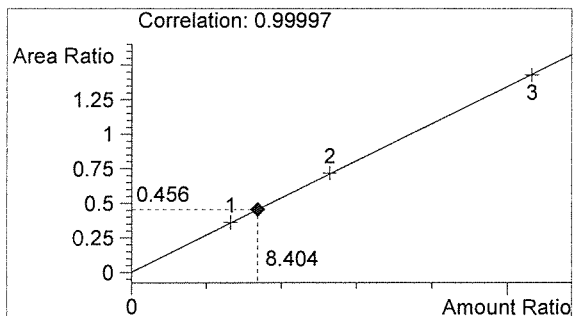
Location: Vial 18

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

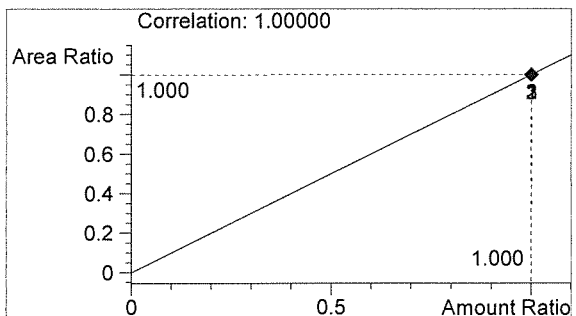
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1196	1.084
2	n-Propanol	2624	1.763



Ethanol 0.101 g/100mL *WA*



n-Propanol 0.012 g/100mL

WA

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

Inj. Date: 4/14/2017 11:57:26 AM

Sample Name: 17035 #3

Instrument: HSGC#1

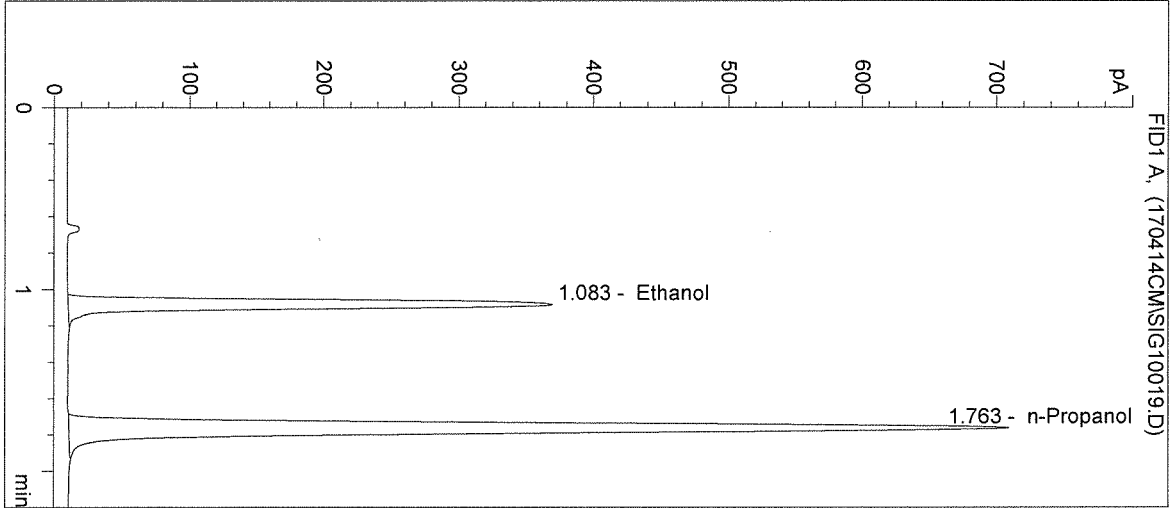
Operator: Christie Mitchell-Mata

Column: DB-ALC1

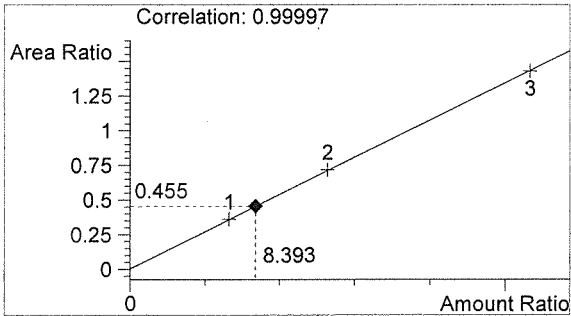
Location: Vial 19

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

Sample Info:

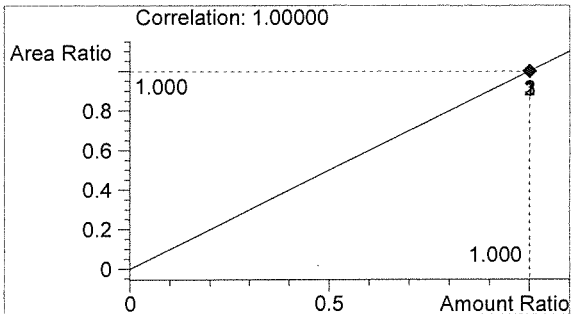


#	Compound	Peak Area	RT (min)
1	Ethanol	1186	1.083
2	n-Propanol	2604	1.763



Ethanol 0.101 g/100mL

Handwritten mark



n-Propanol 0.012 g/100mL

Handwritten mark

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

Inj. Date: 4/14/2017 12:00:38 PM

Sample Name: 17035 #4

Instrument: HSGC#1

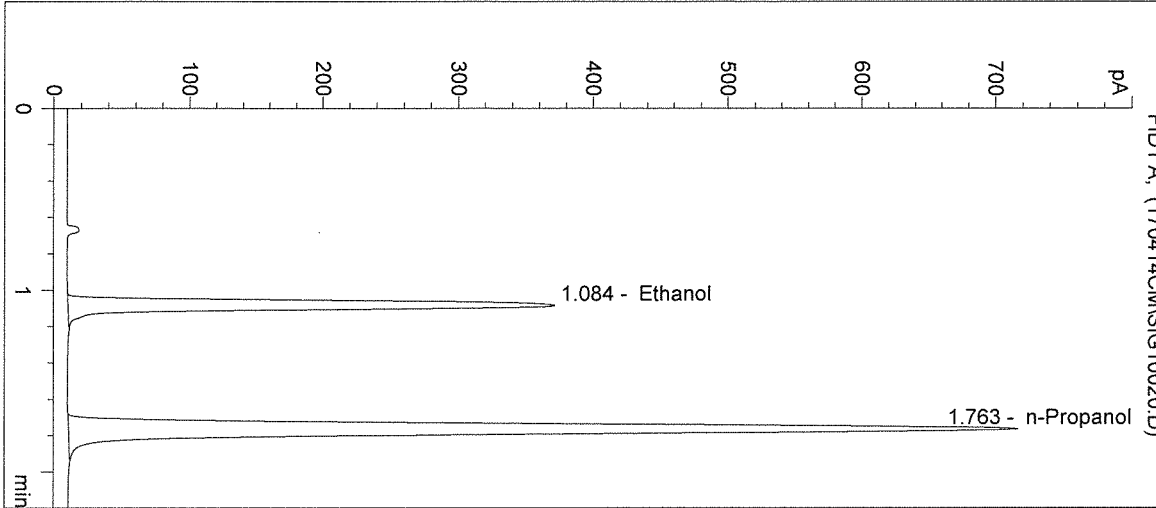
Operator: Christie Mitchell-Mata

Column: DB-ALC1

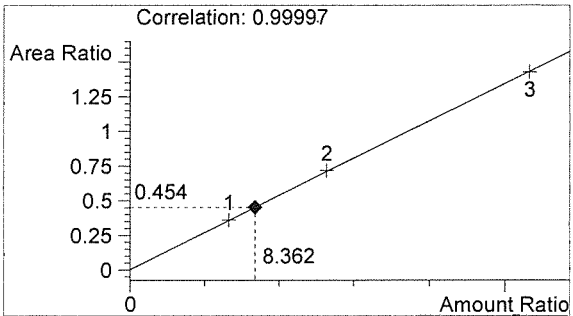
Location: Vial 20

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

Sample Info:

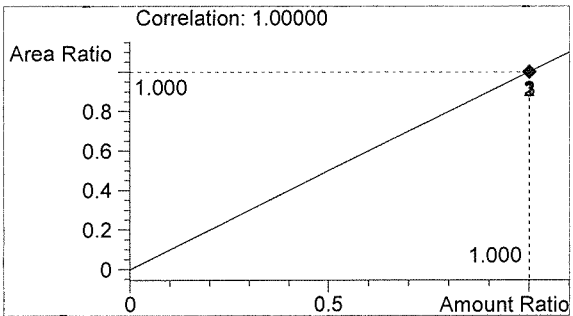


#	Compound	Peak Area	RT (min)
1	Ethanol	1194	1.084
2	n-Propanol	2633	1.763



Ethanol 0.100 g/100mL

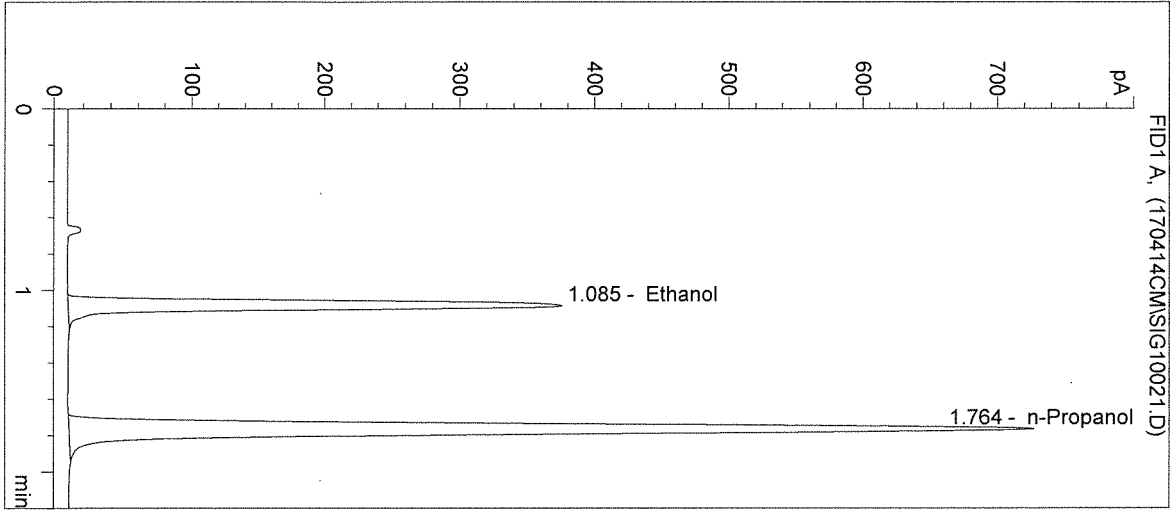
Pat



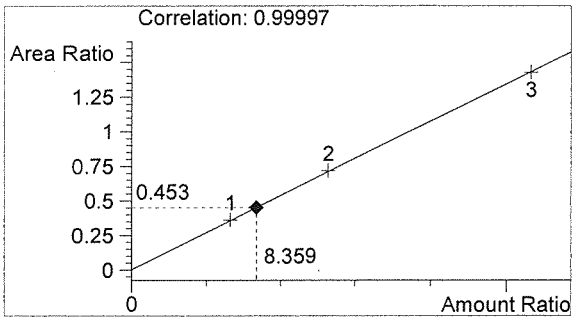
n-Propanol 0.012 g/100mL

am

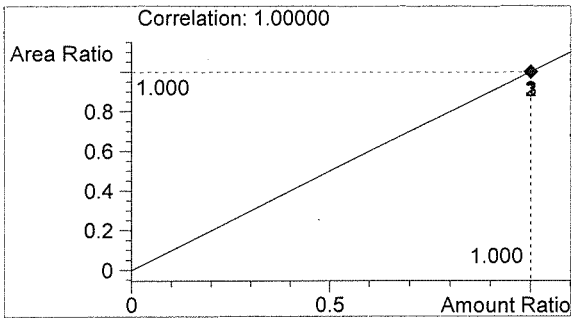
Inj. Date: 4/14/2017 12:03:52 PM Sample Name: 17035 #5
Instrument: HSGC#1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 21
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1214	1.085
2	n-Propanol	2677	1.764



Ethanol 0.100 g/100mL *DM*

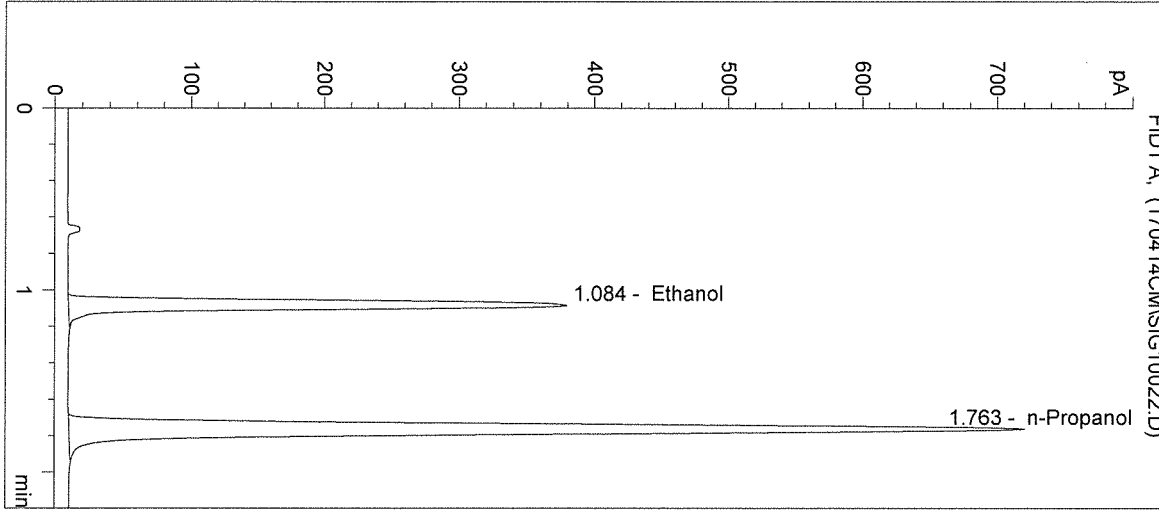


n-Propanol 0.012 g/100mL

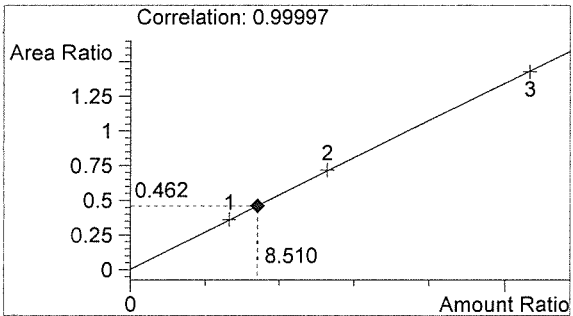
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Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/14/2017 12:07:05 PM Sample Name: 0.10 CTRL
 Instrument: HSGC#1 Operator: Christie Mitchell-Mata
 Column: DB-ALC1 Location: Vial 22
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17035

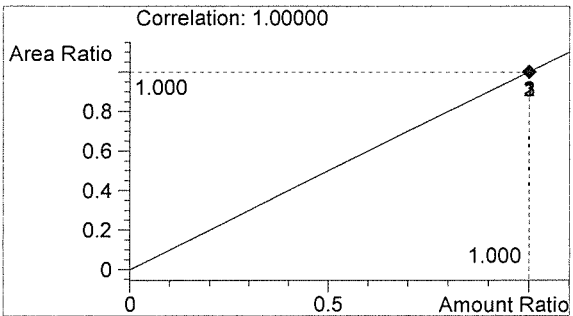


#	Compound	Peak Area	RT (min)
1	Ethanol	1222	1.084
2	n-Propanol	2649	1.763



Ethanol 0.102 g/100mL

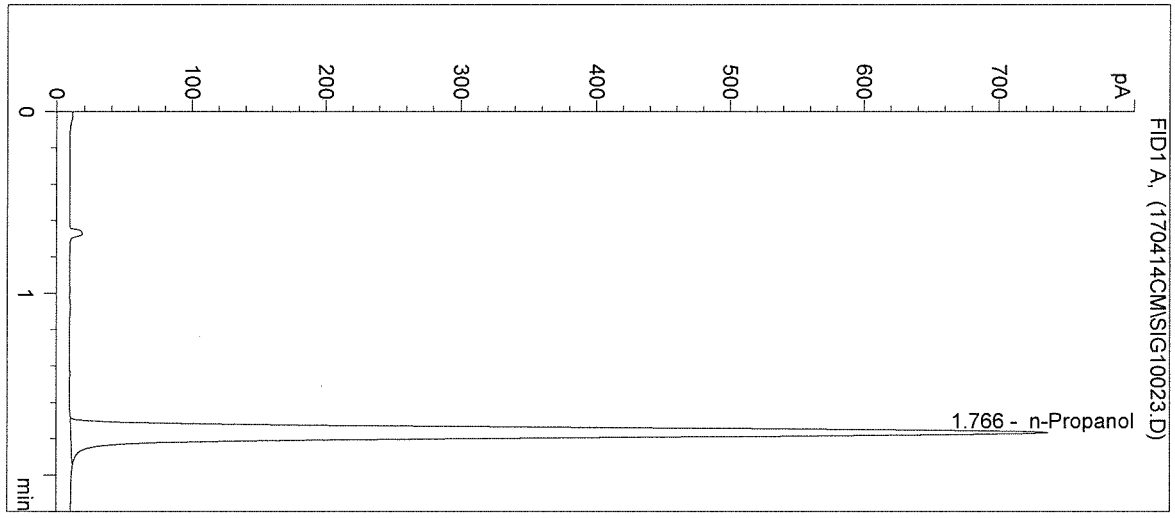
pat



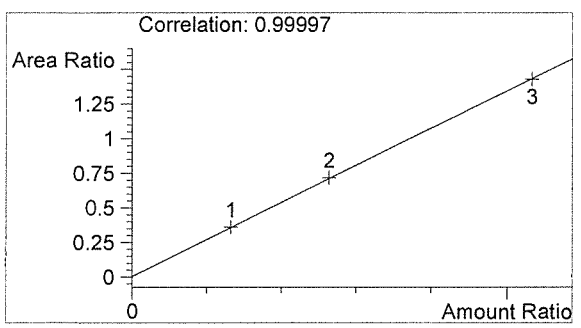
n-Propanol 0.012 g/100mL

am

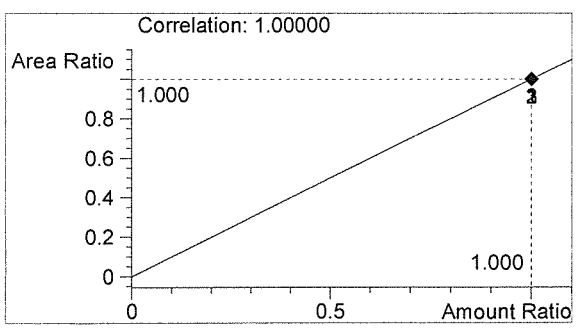
Inj. Date: 4/14/2017 12:10:18 PM Sample Name: Negative CTRL
Instrument: HSGC#1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 23
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17035



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2727	1.766



Ethanol 0.000 g/100mL *pat*



n-Propanol 0.012 g/100mL

CM