



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15055

CUSTOMER INFORMATION

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

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

TESTING ITEM INFORMATION

TARGET VAPOR CONCENTRATION: 0.15 g/210L
DATE PREPARED: 11/13/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Justin L. Knoy

	JLK	AG	CM
1	0.191	0.190	0.189
2	0.190	0.191	0.189
3	0.191	0.191	0.188
4	0.191	0.191	0.189
5	0.191	0.191	0.191
C	0.102	0.102	0.101

ETHANOL CONTROL INFORMATION

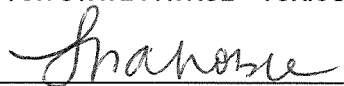
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1903 g/100mL PRECISION CV (%): 0.54
STANDARD DEVIATION: 0.00103 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1547 g/210L**
EXPANDED UNCERTAINTY: ± 0.0034 (k=2, 95.45% confidence interval)

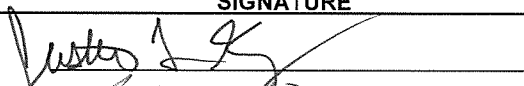

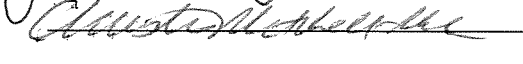
WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

1/14/16
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy		11/13/2015
AG	Andrew Gingras		11/13/2015
CM	Christie Mitchell-Mata		11/18/2015

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

QAP Solution Batch #: 15055

Date Prepared: 11/13/2015

Analyst:	JLK	AG	CM
Date Tested:	11/13/2015	11/13/2015	11/18/2015
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.191	0.190	0.189
2	0.190	0.191	0.189
3	0.191	0.191	0.188
4	0.191	0.191	0.189
5	0.191	0.191	0.191
C	0.102	0.102	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
260.0000084100	0.0000019643	0.0000107498	0.0001016326

Ethanol Control Lot #: FN08051301

Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1903 g/100mL
 Standard Deviation: 0.00103 g/100mL
 Precision CV (%): 0.54
 Equivalent Vapor Concentration: 0.1547 g/210L
 Combined Standard Uncertainty (\pm): 0.0017 g/210L
 Expanded Uncertainty (\pm): 0.0034 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 12/10/15
 Name Signature Date

Calculations verified by: Amanda M. Blake [Signature] 1-13-16
 Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 12/10/15
 Name Signature Date

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SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 1-13-16

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15055

	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: 1-13-16



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>	12/14/15
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata	<i>CM</i>	12/11/15
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	<i>JK</i>	12-11-15
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15055 Insulins

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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15055**

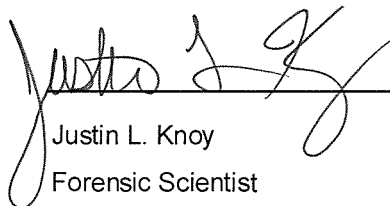
I, Justin L. Knoy, do certify under penalty of perjury that:

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 15055, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/13/2016.

Seattle, WA

 12-11-15
Justin L. Knoy 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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15055**

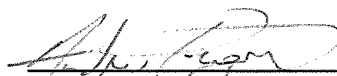
I, Andrew Gingras, do certify under penalty of perjury that:

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 15055, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/13/2016.

Seattle, WA

 12/14/15

Andrew Gingras
Forensic Scientist

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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15055**

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, and over four years experience in forensic toxicology.

The quality assurance procedure (QAP) solution, Lot Number 15055, was prepared in the Washington State Toxicology Laboratory on 11/13/2015. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 11/13/2016.

Seattle, WA

Handwritten signature of Christie Mitchell-Mata dated 12/11/15.

Christie Mitchell-Mata

Date

Forensic Scientist



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

Preparation Date: 11-13-15 Expiration Date: 11-13-16 Initials of Preparer: JK

Lot # of 200-proof Ethanol used in preparation: ZEAD437

Date the 200-proof Ethanol bottle was opened: 11-13-15

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>15052</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>15053</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>15054</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>15055</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>15056</u>
ESS	66.5	52	<input type="checkbox"/>	<u> </u>

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed 11-13-15
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 J. [Signature]
Analyst Signature

11-13-15
Date

[Signature]

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: 151113JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
 Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
 Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
 Internal Standard Lot#P0915 - Exp. 12/18/2015

Calibration vials 1-9 filed with 15052.

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	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	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	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	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	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15055
12/15

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	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	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	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	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	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!

15055
Jm2/10/15

JR

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

Inj. Date: 11/13/2015 1:00:16 PM

Sample Name: 15055-1

Instrument: HSGC#1

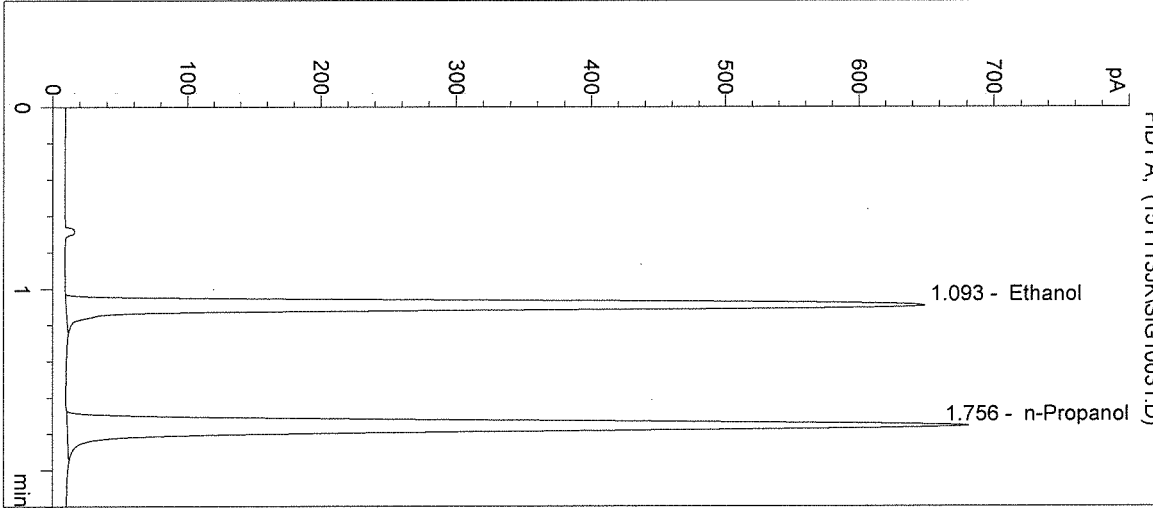
Operator: Justin Knoy

Column: DB-ALC1

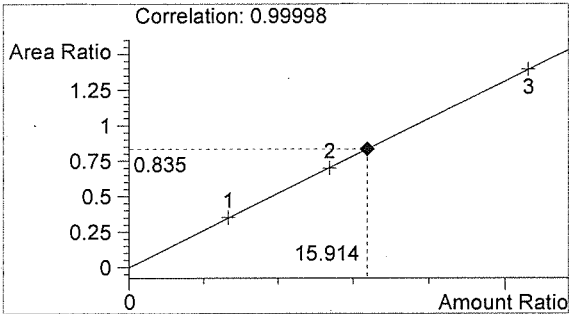
Location: Vial 31

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

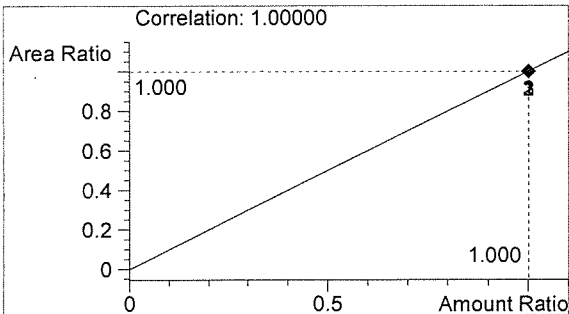
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2208	1.093
2	n-Propanol	2646	1.756



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten initials

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

Inj. Date: 11/13/2015 1:03:29 PM

Sample Name: 15055-2

Instrument: HSGC#1

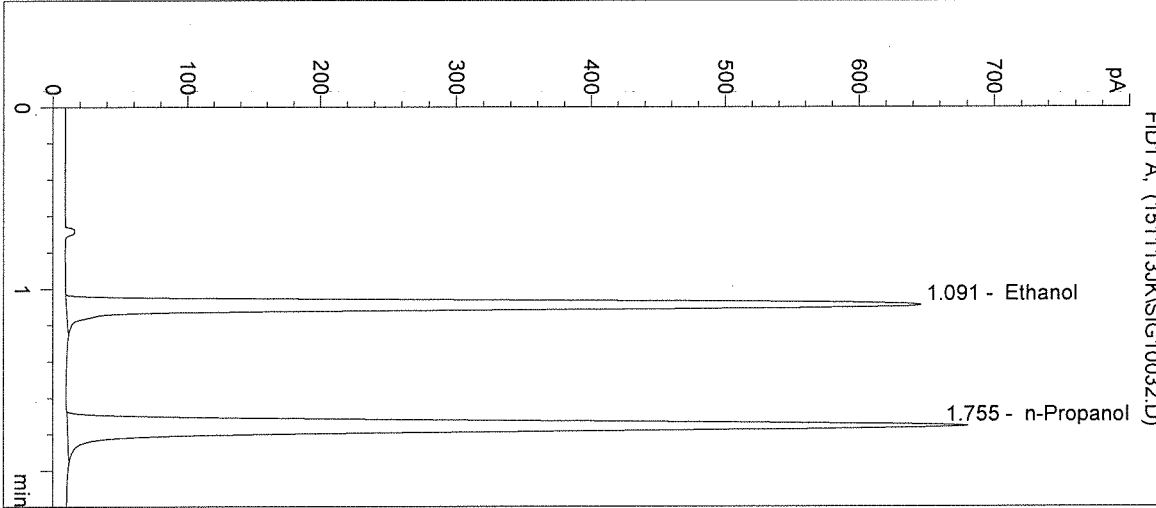
Operator: Justin Knoy

Column: DB-ALC1

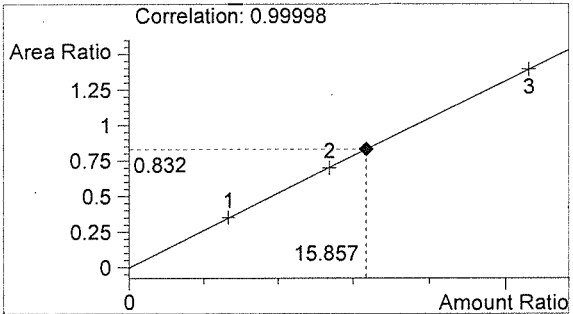
Location: Vial 32

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

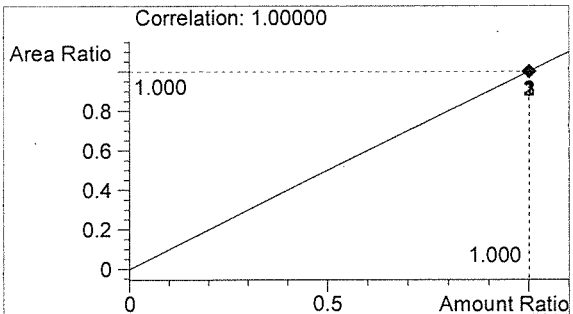
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2186	1.091
2	n-Propanol	2629	1.755



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature

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

Inj. Date: 11/13/2015 1:06:42 PM

Sample Name: 15055-3

Instrument: HSGC#1

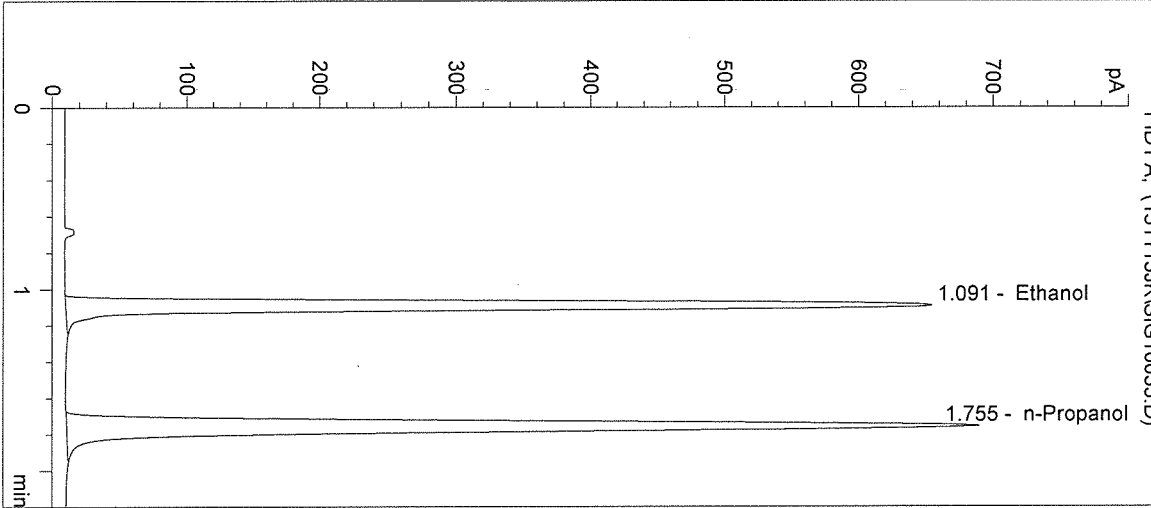
Operator: Justin Knoy

Column: DB-ALC1

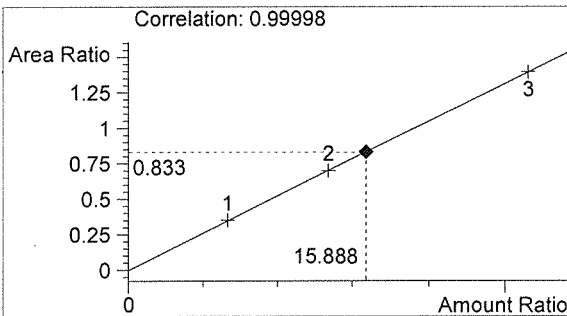
Location: Vial 33

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

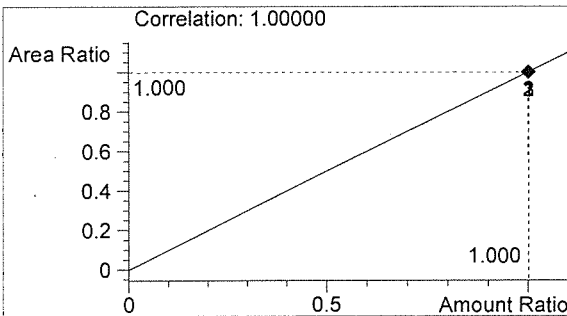
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2220	1.091
2	n-Propanol	2664	1.755



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten mark

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

Inj. Date: 11/13/2015 1:09:55 PM

Sample Name: 15055-4

Instrument: HSGC#1

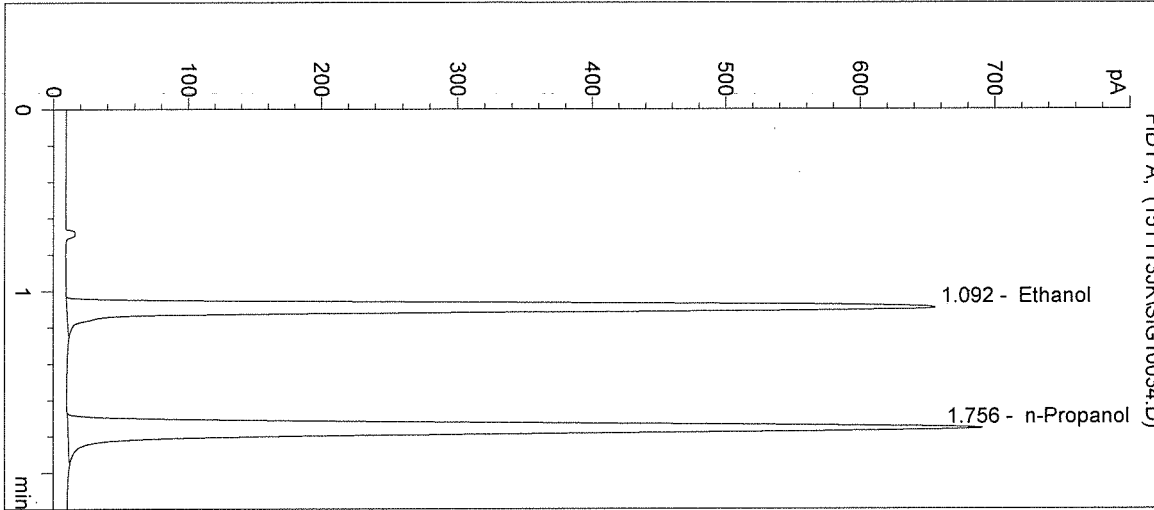
Operator: Justin Knoy

Column: DB-ALC1

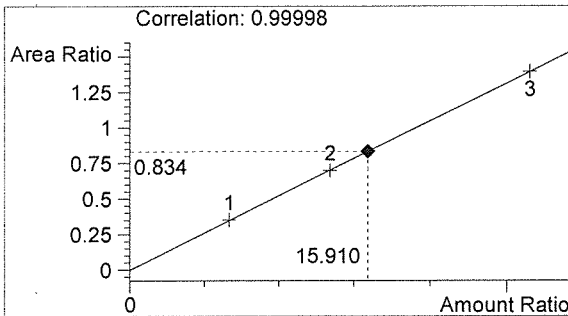
Location: Vial 34

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

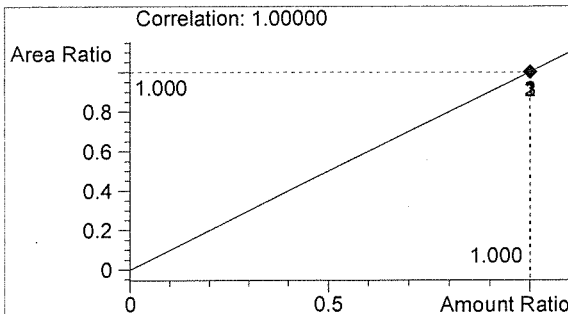
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2228	1.092
2	n-Propanol	2670	1.756



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten mark

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

Inj. Date: 11/13/2015 1:13:09 PM

Sample Name: 15055-5

Instrument: HSGC#1

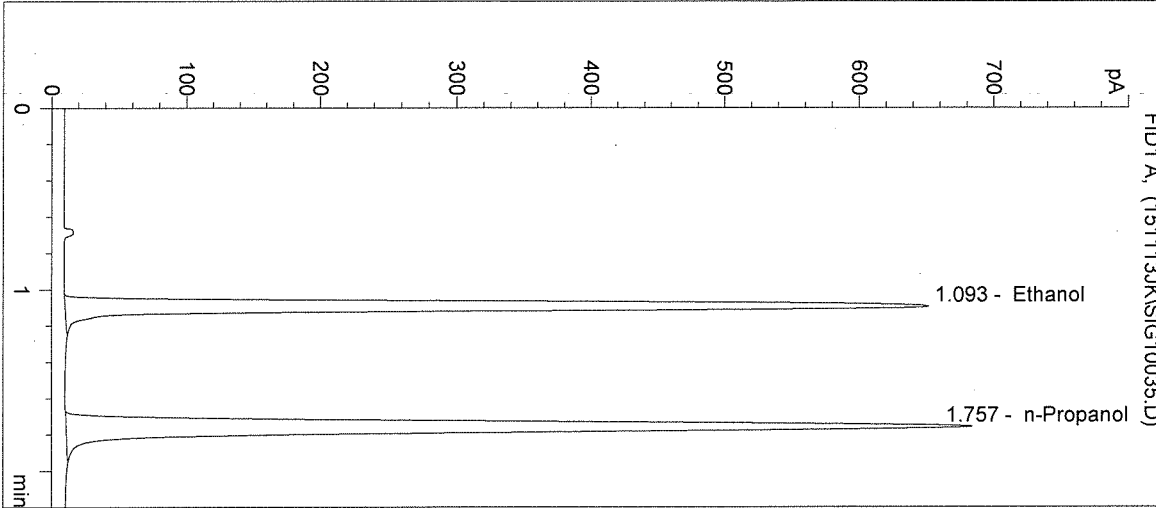
Operator: Justin Knoy

Column: DB-ALC1

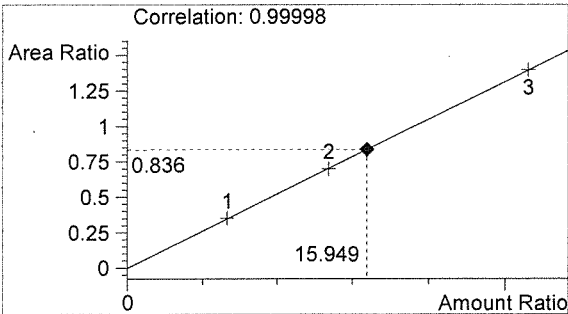
Location: Vial 35

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

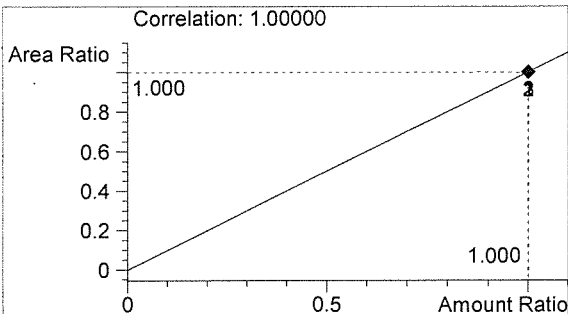
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2218	1.093
2	n-Propanol	2652	1.757



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

Handwritten mark

Handwritten mark

Inj. Date: 11/13/2015 1:16:22 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

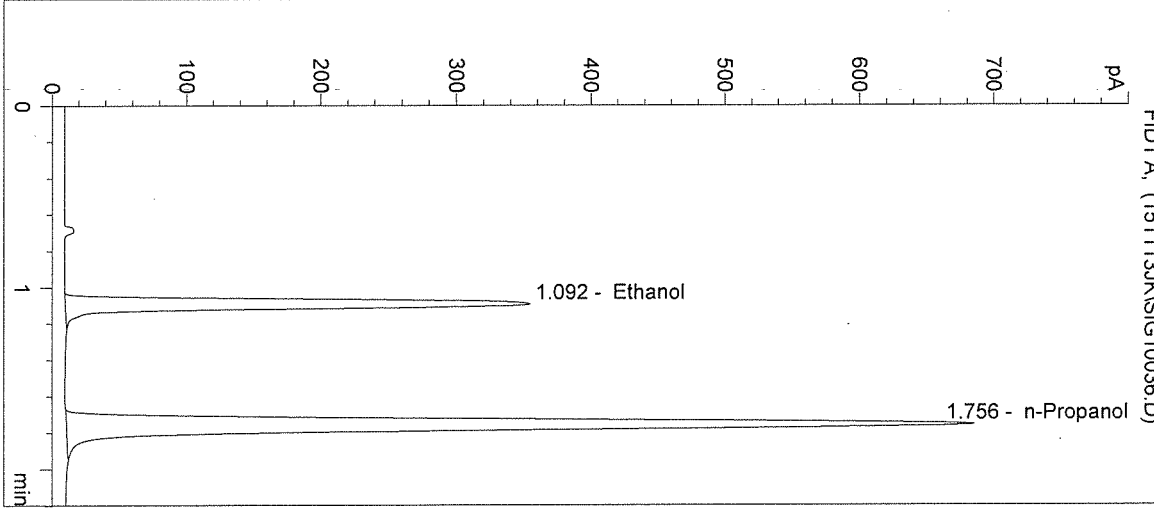
Operator: Justin Knoy

Column: DB-ALC1

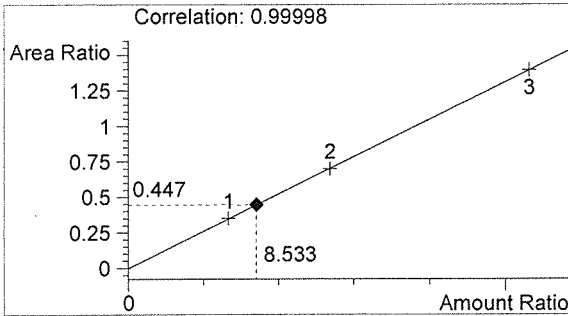
Location: Vial 36

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

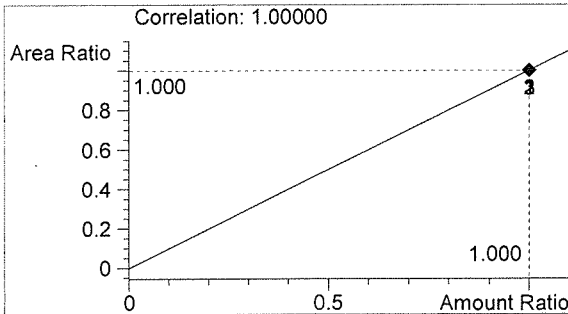
Sample Info: 15055



#	Compound	Peak Area	RT (min)
1	Ethanol	1187	1.092
2	n-Propanol	2653	1.756



Ethanol 0.102 g/100mL



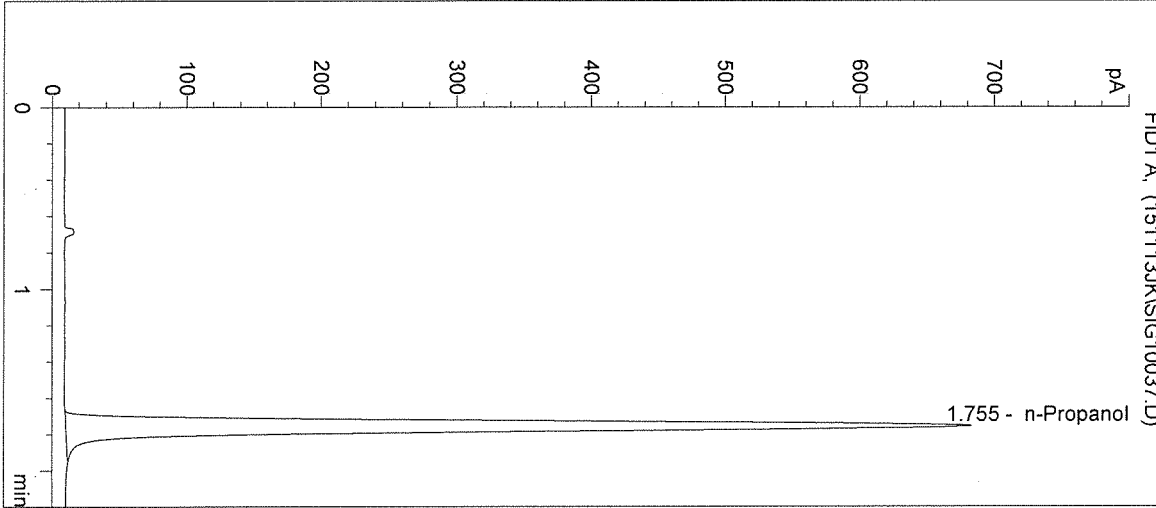
n-Propanol 0.012 g/100mL

Handwritten signature

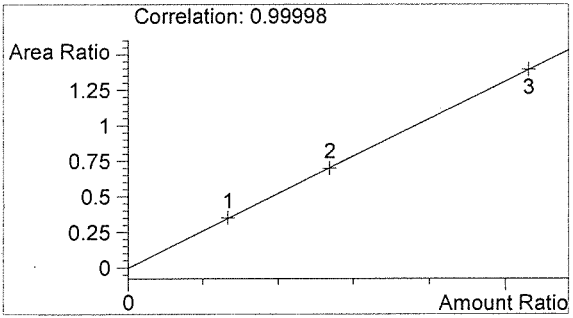
Handwritten mark

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

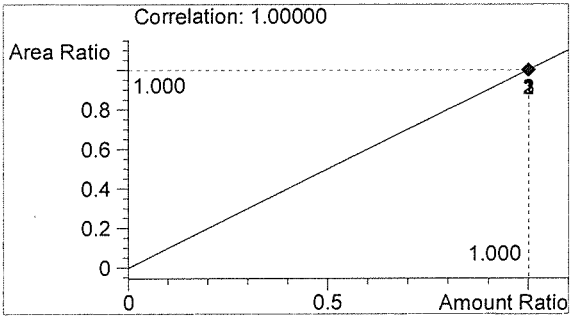
Inj. Date: 11/13/2015 1:19:35 PM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 37
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15055



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2645	1.755



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

JR

JR

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: 151113AG
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
 Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
 Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
 Internal Standard Lot#P0915 - Exp. 12/18/2015

Calibration vials 1-9 filed with 15052.

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	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	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	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	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	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15055

Initials

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	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	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	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	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	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!

15055
D. Nicholas

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

Inj. Date: 11/13/2015 3:38:39 PM

Sample Name: 15055-1

Instrument: HSGC#1

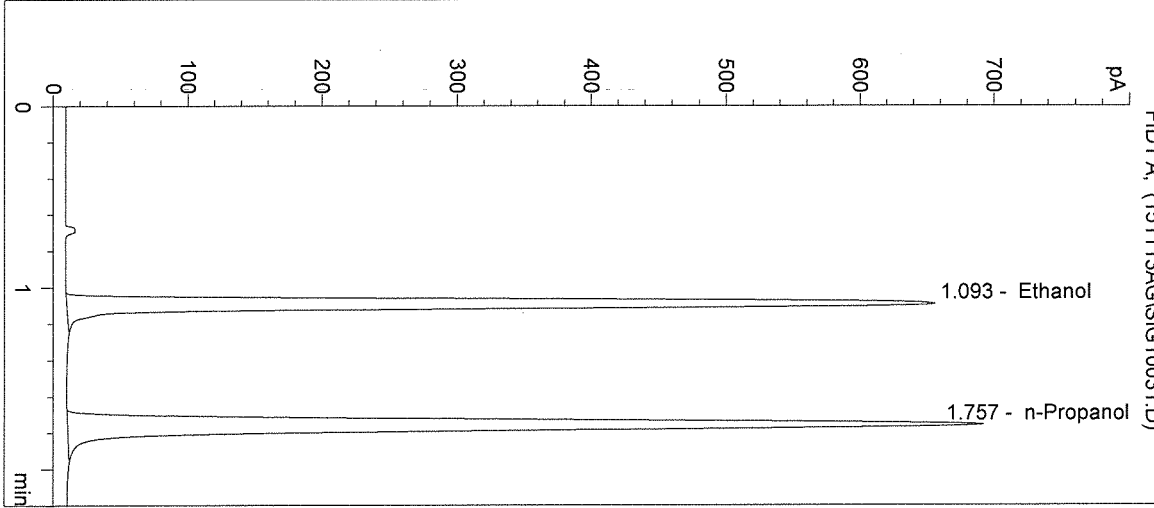
Operator: Andrew Gingras

Column: DB-ALC1

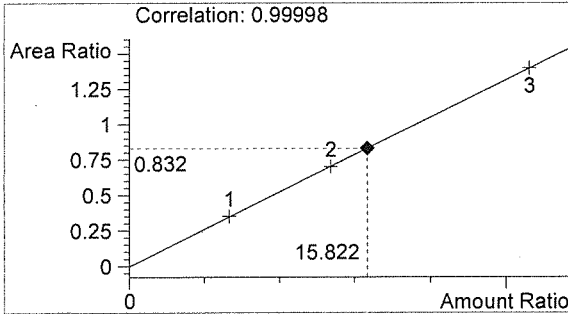
Location: Vial 31

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

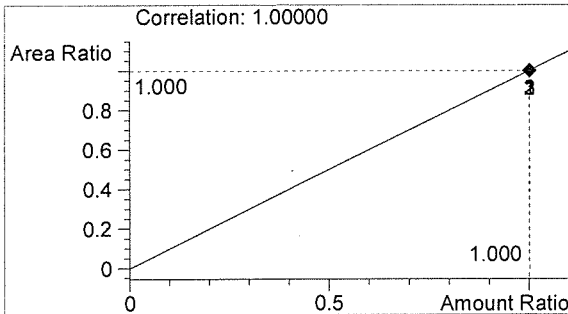
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2229	1.093
2	n-Propanol	2680	1.757



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 11/13/2015 3:41:52 PM

Sample Name: 15055-2

Instrument: HSGC#1

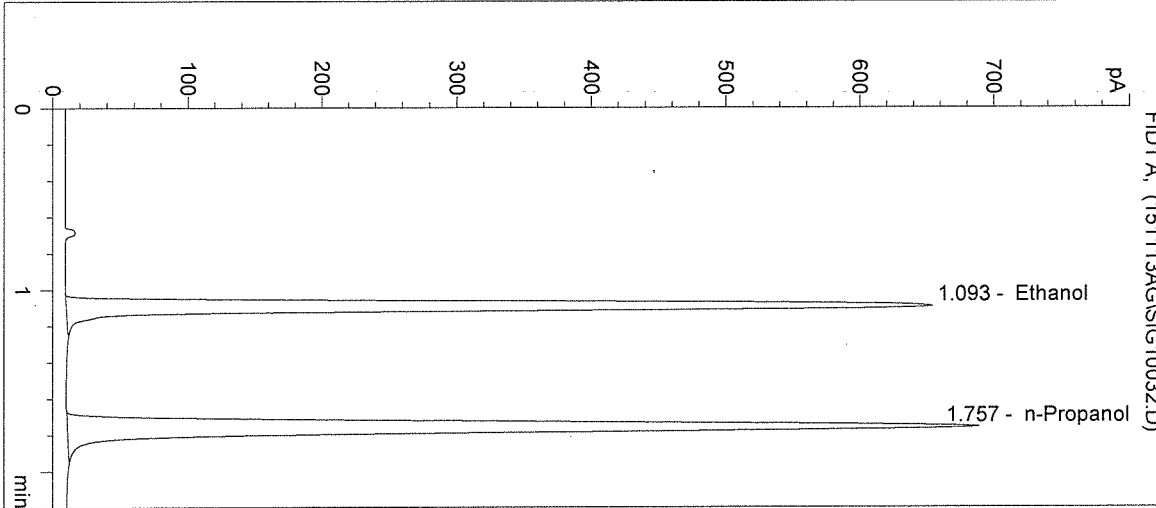
Operator: Andrew Gingras

Column: DB-ALC1

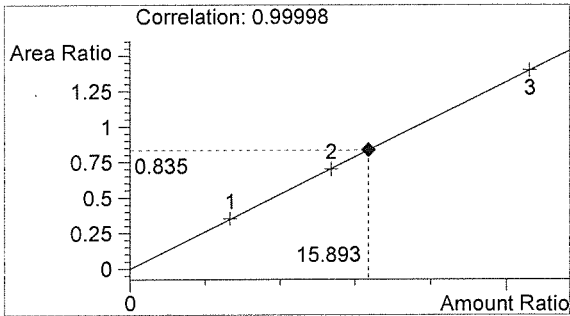
Location: Vial 32

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

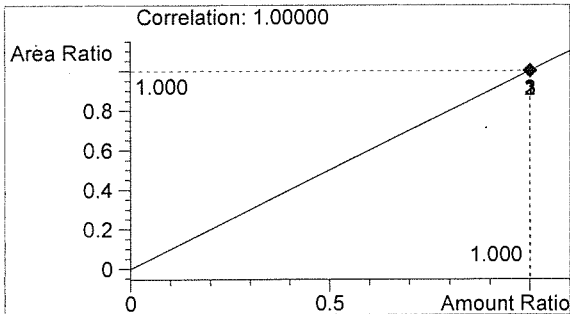
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2226	1.093
2	n-Propanol	2664	1.757



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 11/13/2015 3:45:05 PM

Sample Name: 15055-3

Instrument: HSGC#1

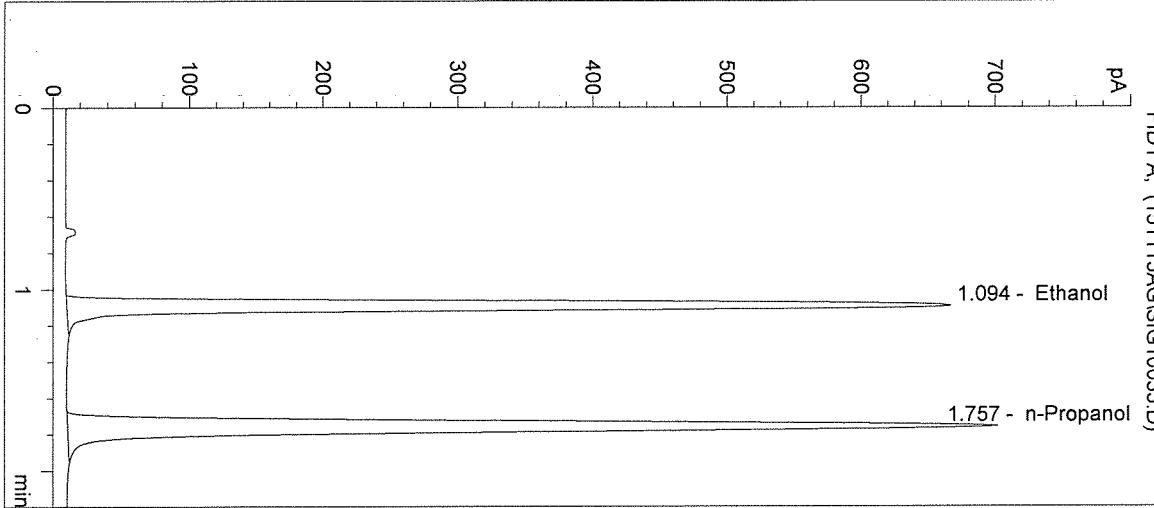
Operator: Andrew Gingras

Column: DB-ALC1

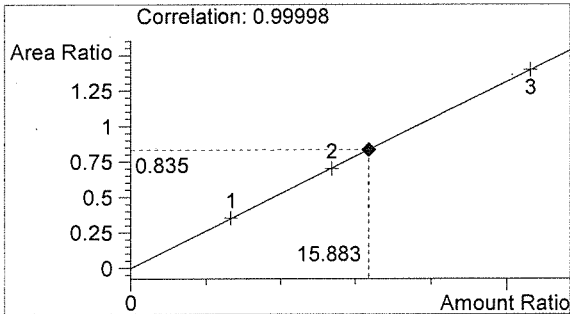
Location: Vial 33

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

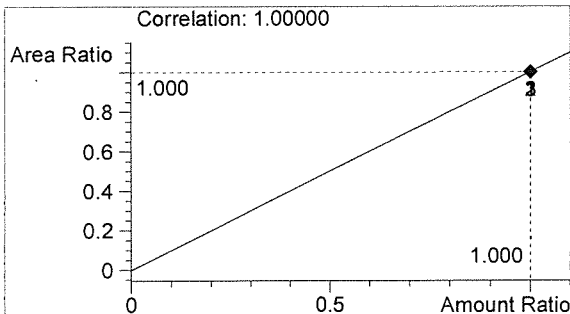
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2266	1.094
2	n-Propanol	2714	1.757



Ethanol 0.191 g/100mL

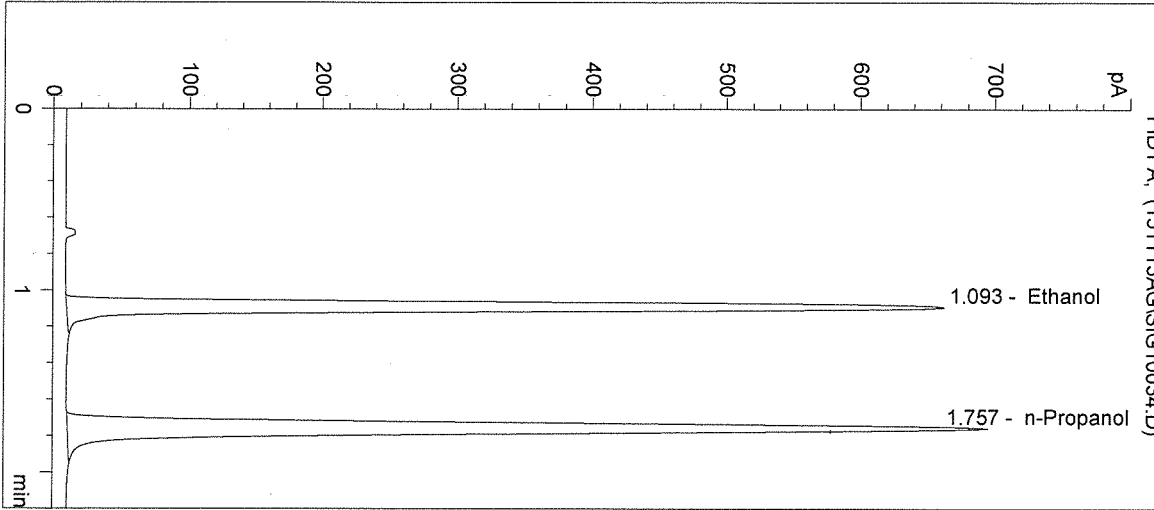


n-Propanol 0.012 g/100mL

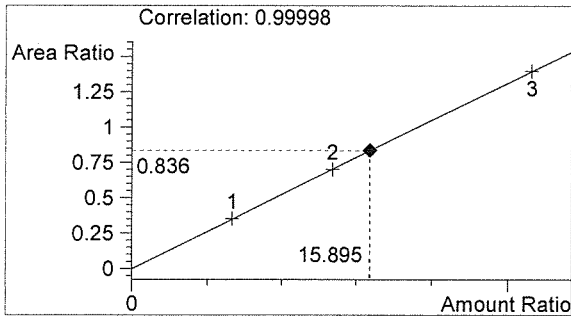
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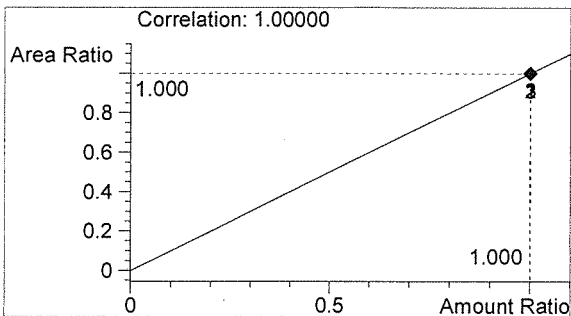
Inj. Date: 11/13/2015 3:48:19 PM Sample Name: 15055-4
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 34
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2247	1.093
2	n-Propanol	2690	1.757



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

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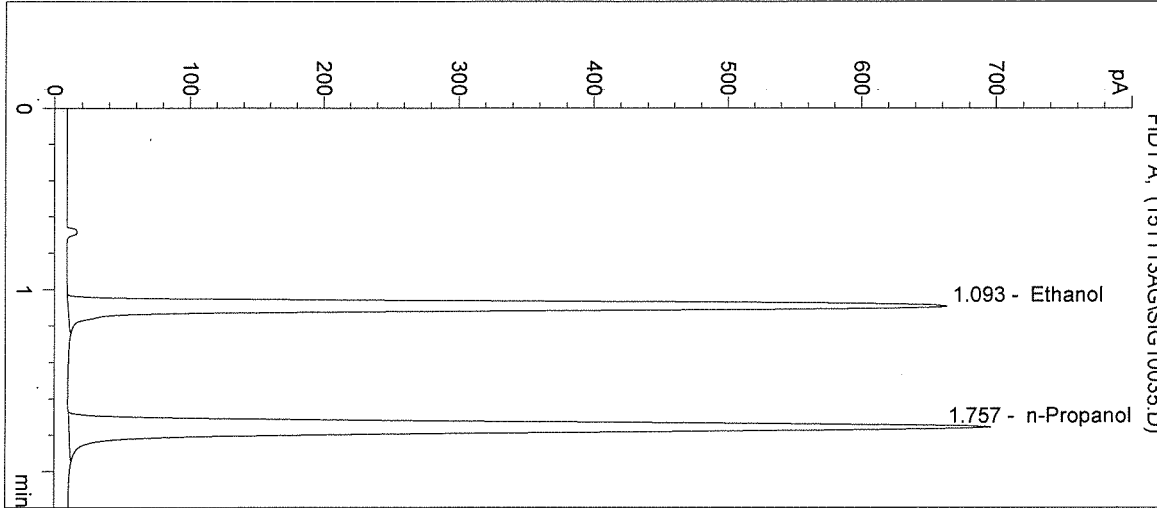
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Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

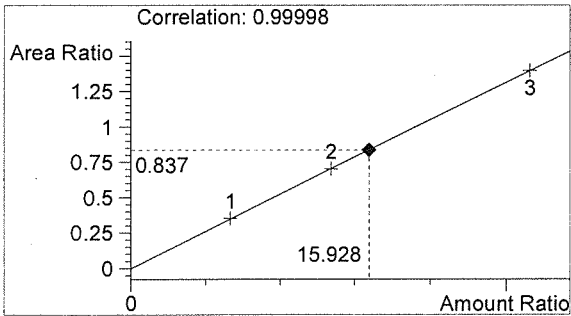
Inj. Date: 11/13/2015 3:51:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 15055-5
Operator: Andrew Gingras
Location: Vial 35

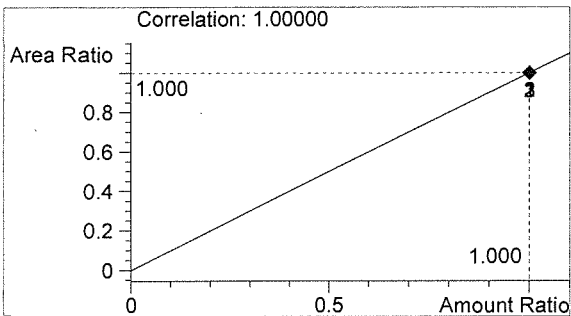
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2254	1.093
2	n-Propanol	2692	1.757



Ethanol 0.191 g/100mL

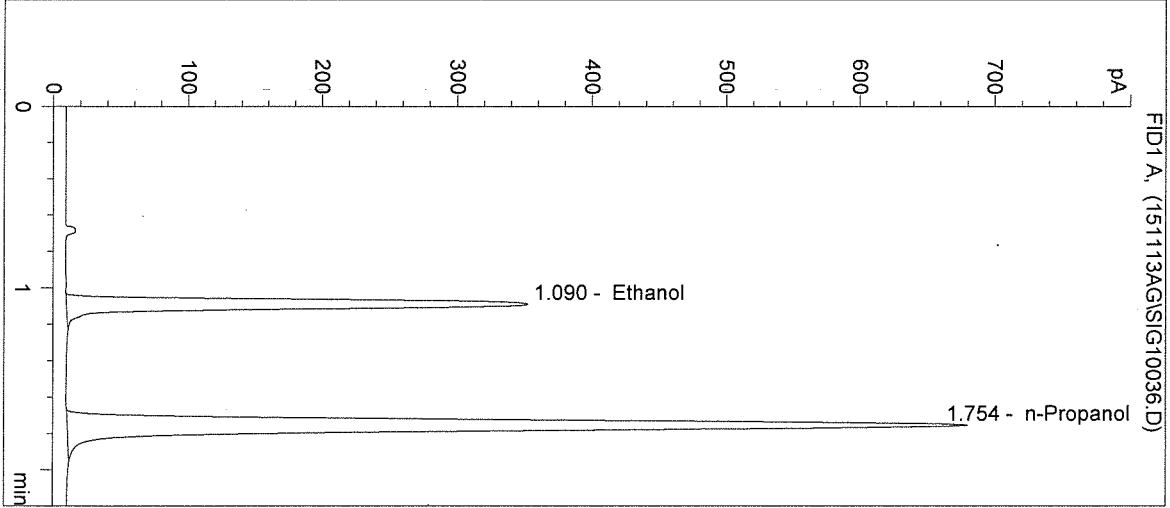


n-Propanol 0.012 g/100mL

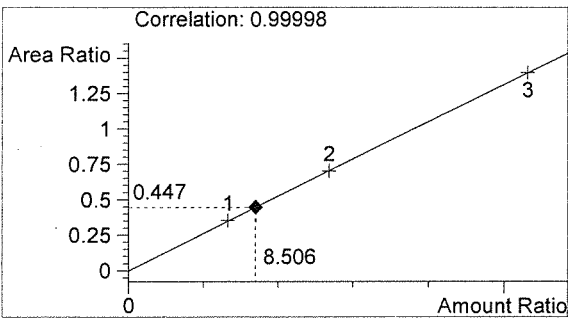
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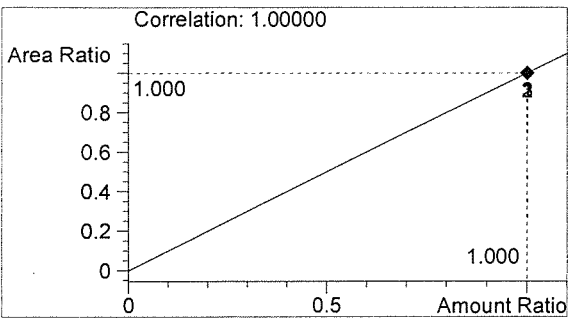
Inj. Date: 11/13/2015 3:54:46 PM Sample Name: 0.10 CTRL
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 36
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 15055



#	Compound	Peak Area	RT (min)
1	Ethanol	1173	1.090
2	n-Propanol	2624	1.754



Ethanol 0.102 g/100mL



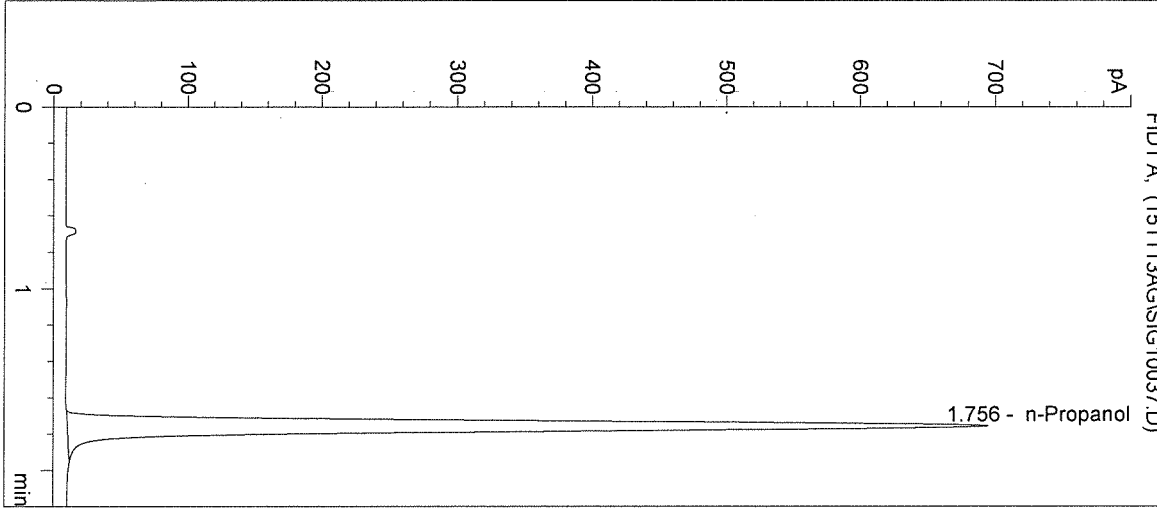
n-Propanol 0.012 g/100mL

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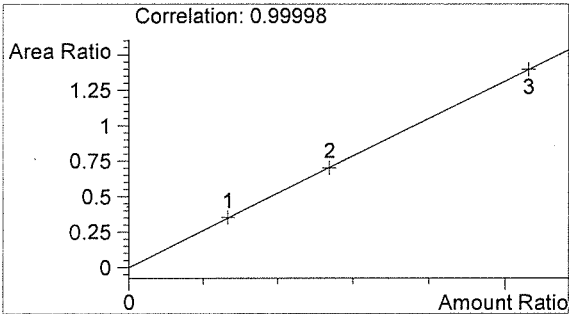
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Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

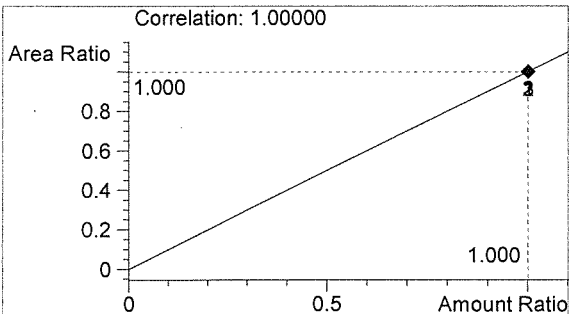
Inj. Date: 11/13/2015 3:57:59 PM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 37
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15055



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2694	1.756



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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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: 151118CM
 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#E1015-01 - Exp 04/29/16
 Cal 2 (0.158 g/100mL) - Lot#E1015-02 - Exp 04/29/16
 Cal 3 (0.316 g/100mL) - Lot#E1015-03 - Exp 04/29/16
 CTRL 1 (0.04 g/100mL) - Lot#FN05011301 - Exp 05/2018
 CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
 CTRL 3 (0.20 g/100mL) - Lot#FN03211401 - Exp 06/2019
 n-Propanol ISTD - Lot# P0915 - Exp 12/18/15

Calibration vials 1-9 filed with 15052.

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	15052-1	SIMALC1	1	Sample		
11	Vial 11	15052-2	SIMALC1	1	Sample		
12	Vial 12	15052-3	SIMALC1	1	Sample		
13	Vial 13	15052-4	SIMALC1	1	Sample		
14	Vial 14	15052-5	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	15053-1	SIMALC1	1	Sample		
18	Vial 18	15053-2	SIMALC1	1	Sample		
19	Vial 19	15053-3	SIMALC1	1	Sample		
20	Vial 20	15053-4	SIMALC1	1	Sample		
21	Vial 21	15053-5	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	15054-1	SIMALC1	1	Sample		
25	Vial 25	15054-2	SIMALC1	1	Sample		
26	Vial 26	15054-3	SIMALC1	1	Sample		

15055
Injected

CM 11/18/15
 151118CM

CM

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15054-4	SIMALC1	1	Sample		
28	Vial 28	15054-5	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	15055-1	SIMALC1	1	Sample		
32	Vial 32	15055-2	SIMALC1	1	Sample		
33	Vial 33	15055-3	SIMALC1	1	Sample		
34	Vial 34	15055-4	SIMALC1	1	Sample		
35	Vial 35	15055-5	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	15056-1	SIMALC1	1	Sample		
39	Vial 39	15056-2	SIMALC1	1	Sample		
40	Vial 40	15056-3	SIMALC1	1	Sample		
41	Vial 41	15056-4	SIMALC1	1	Sample		
42	Vial 42	15056-5	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!

15055
Injections

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

Inj. Date: 11/18/2015 9:28:13 AM

Sample Name: 15055-1

Instrument: HSGC#1

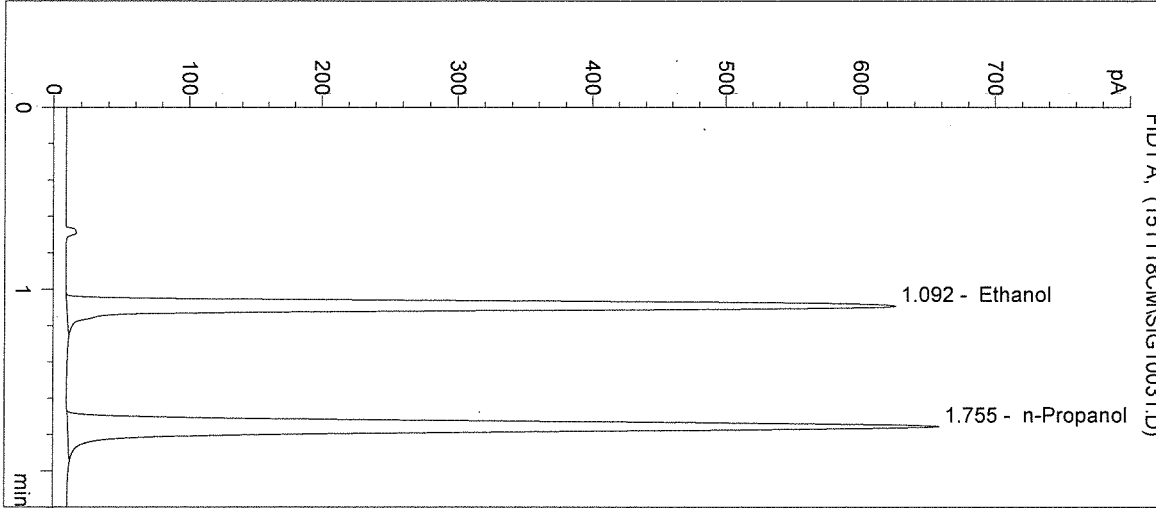
Operator: Christie Mitchell-Mata

Column: DB-ALC1

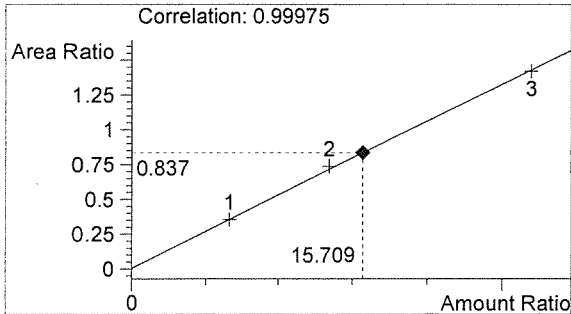
Location: Vial 31

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

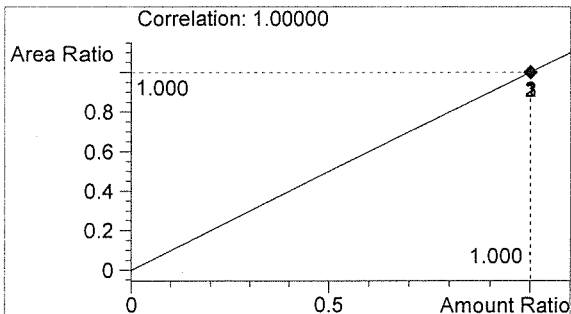
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2128	1.092
2	n-Propanol	2542	1.755



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 11/18/2015 9:31:27 AM

Sample Name: 15055-2

Instrument: HSGC#1

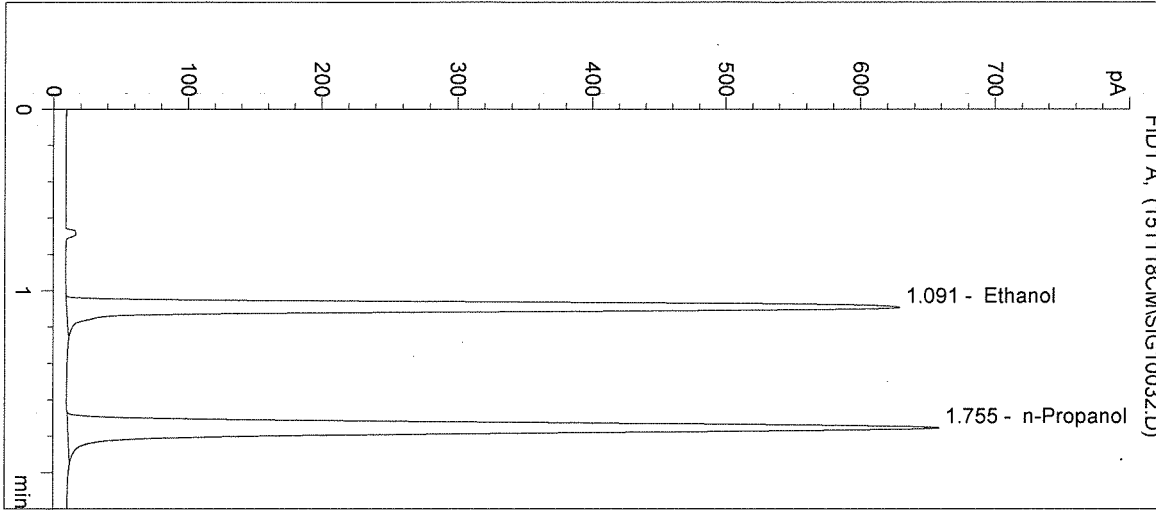
Operator: Christie Mitchell-Mata

Column: DB-ALC1

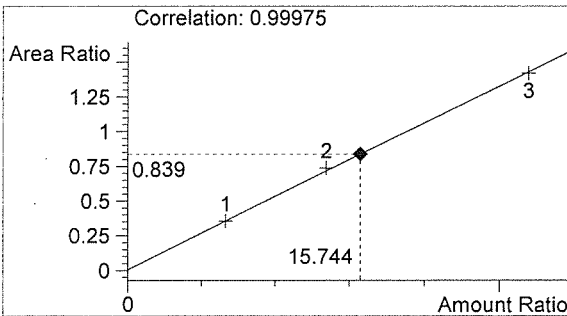
Location: Vial 32

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

Sample Info:

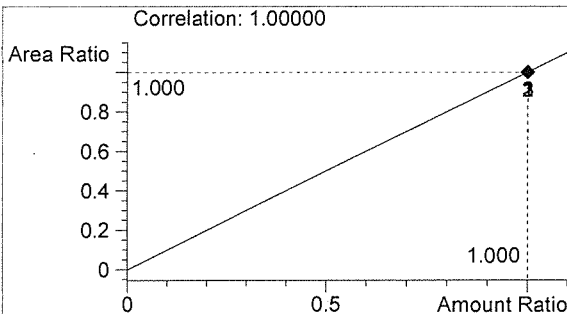


#	Compound	Peak Area	RT (min)
1	Ethanol	2143	1.091
2	n-Propanol	2553	1.755



Ethanol 0.189 g/100mL

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n-Propanol 0.012 g/100mL

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

Inj. Date: 11/18/2015 9:34:40 AM

Sample Name: 15055-3

Instrument: HSGC#1

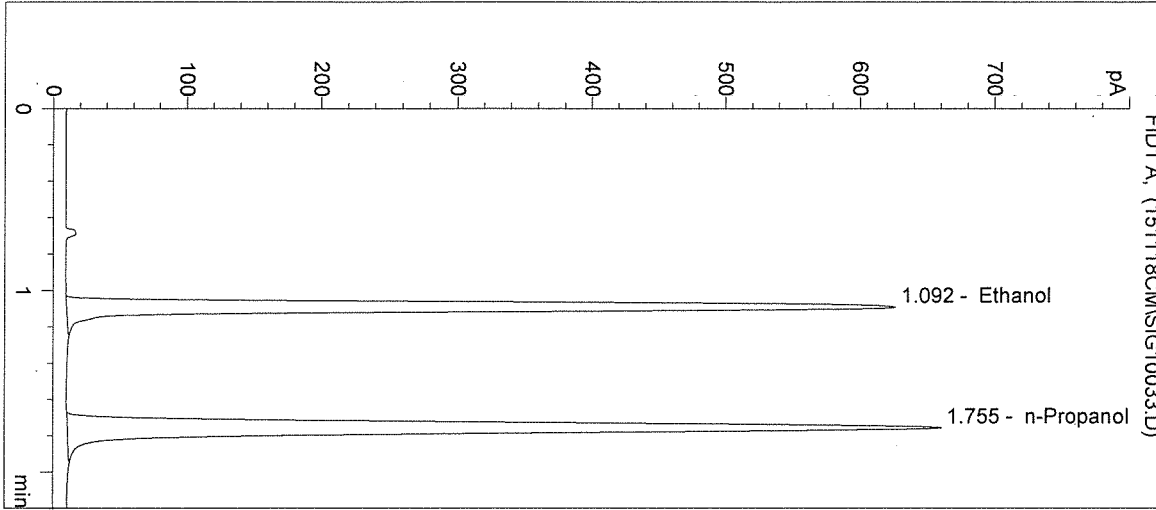
Operator: Christie Mitchell-Mata

Column: DB-ALC1

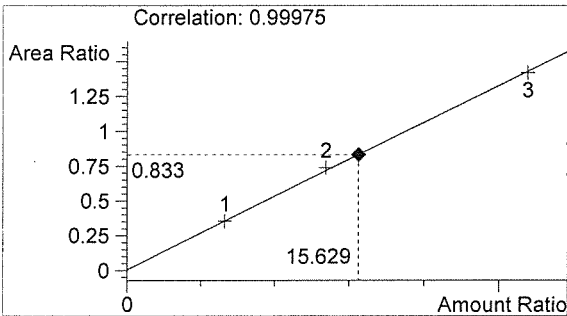
Location: Vial 33

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

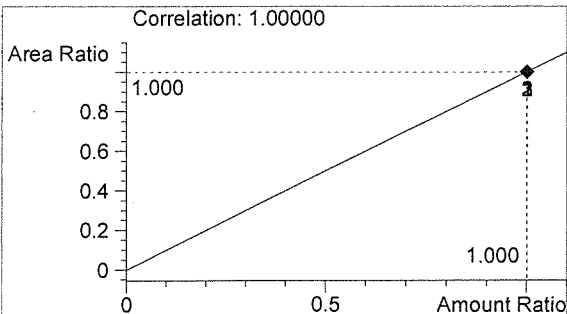
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2132	1.092
2	n-Propanol	2560	1.755



Ethanol 0.188 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 11/18/2015 9:37:54 AM

Sample Name: 15055-4

Instrument: HSGC#1

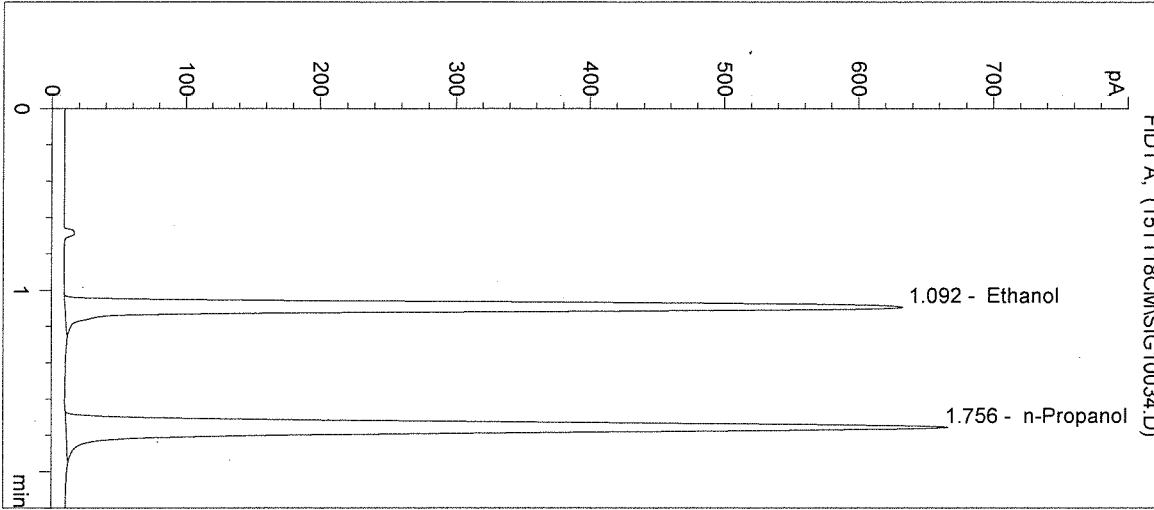
Operator: Christie Mitchell-Mata

Column: DB-ALC1

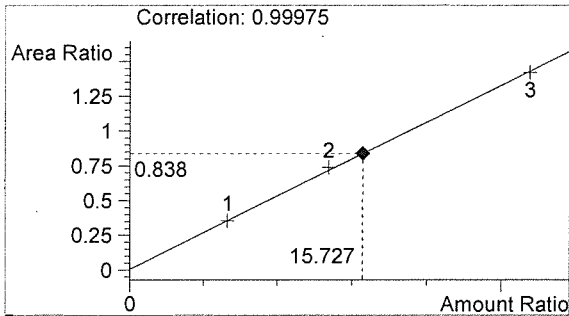
Location: Vial 34

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

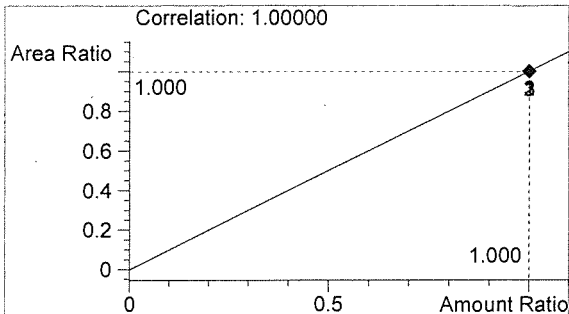
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2168	1.092
2	n-Propanol	2586	1.756



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 11/18/2015 9:41:06 AM

Sample Name: 15055-5

Instrument: HSGC#1

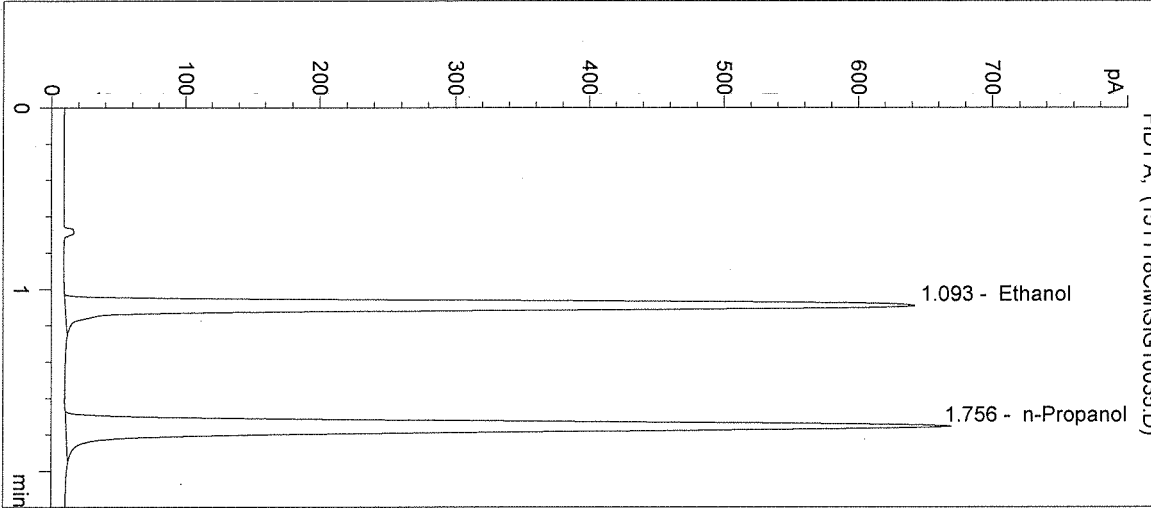
Operator: Christie Mitchell-Mata

Column: DB-ALC1

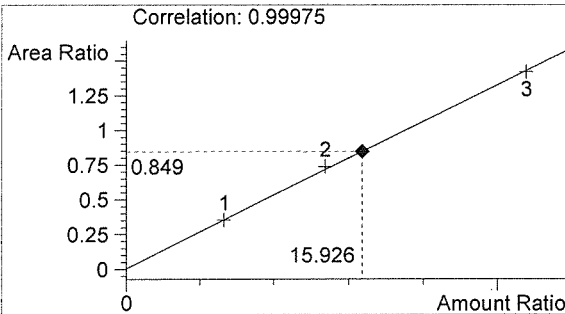
Location: Vial 35

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

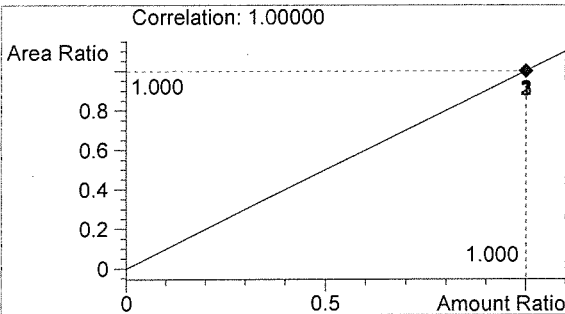
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2206	1.093
2	n-Propanol	2599	1.756



Ethanol 0.191 g/100mL



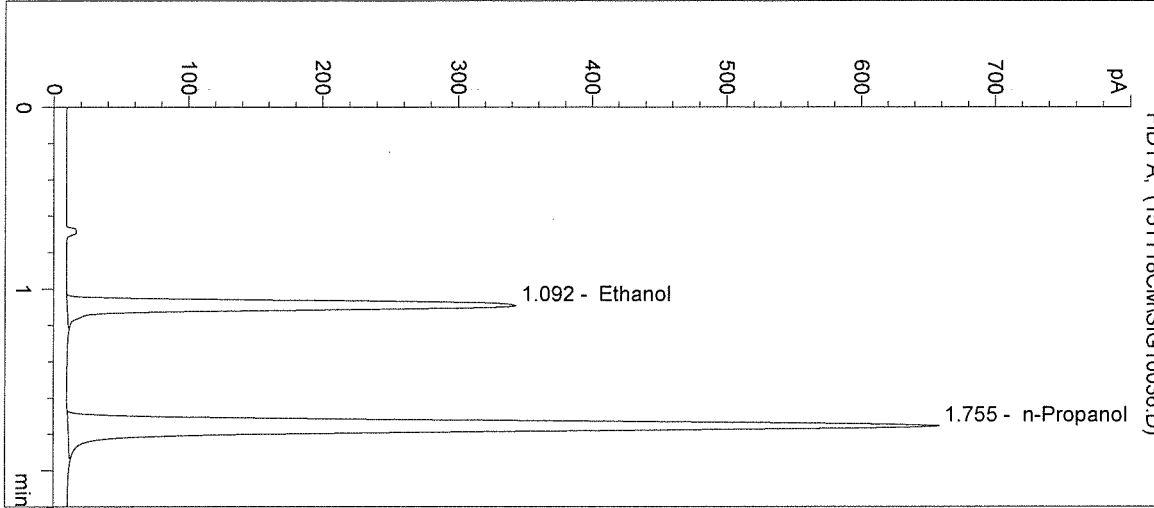
n-Propanol 0.012 g/100mL

Handwritten signature

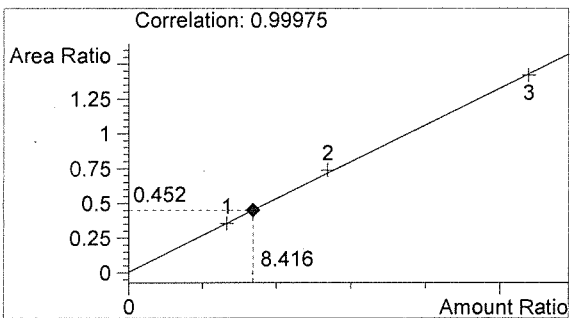
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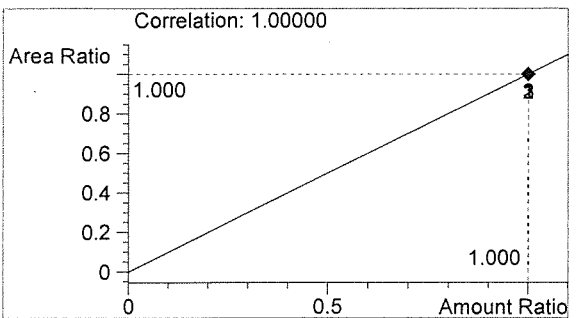
Inj. Date: 11/18/2015 9:44:19 AM Sample Name: 0.10 CTRL
Instrument: HSGC#1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 36
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15055



#	Compound	Peak Area	RT (min)
1	Ethanol	1152	1.092
2	n-Propanol	2549	1.755



Ethanol 0.101 g/100mL



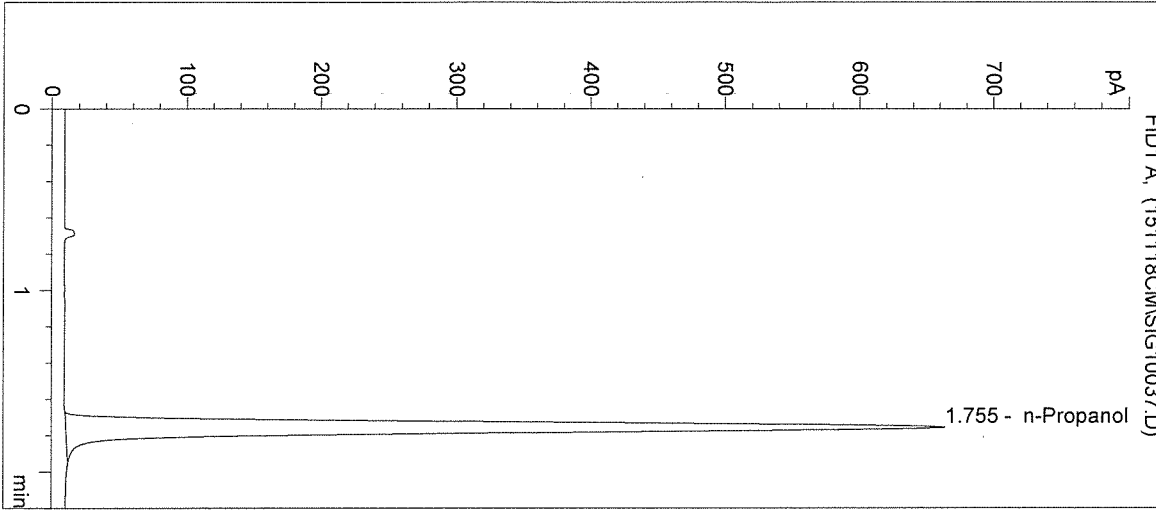
n-Propanol 0.012 g/100mL

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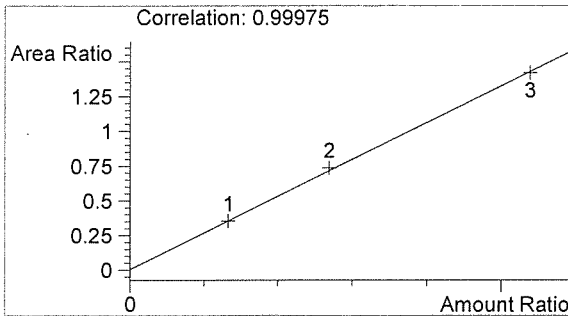
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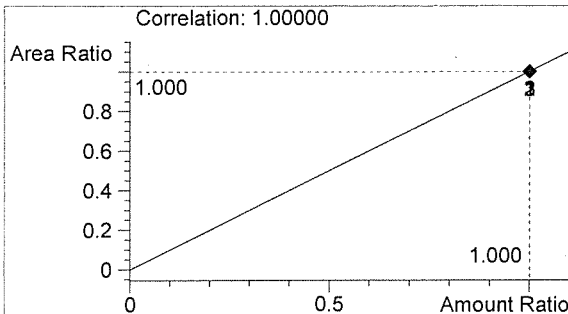
Inj. Date: 11/18/2015 9:47:32 AM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 37
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15055



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2578	1.755



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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