



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15053

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: 11/13/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Justin L. Knoy

	JLK	AG	CM
1	0.101	0.101	0.098
2	0.101	0.101	0.099
3	0.101	0.101	0.100
4	0.101	0.101	0.100
5	0.101	0.100	0.099
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: 0.1003 g/100mL PRECISION CV (%): 0.97
STANDARD DEVIATION: 0.00098 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0816 g/210L**
EXPANDED UNCERTAINTY: ± 0.0018 (k=2, 95.45% confidence interval)

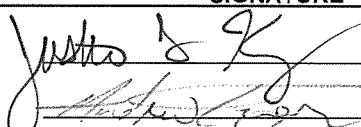
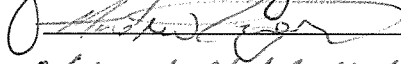

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

1/13/16
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 #: 15053

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	0.101	0.101	0.098
2	0.101	0.101	0.099
3	0.101	0.101	0.100
4	0.101	0.101	0.100
5	0.101	0.100	0.099
C	0.102	0.102	0.101

CV ² _{COA}	CV ² _{QAP Solution}	CV ² _{Control}	CV ² _{Part Coef}
0.0000084100	0.0000063071	0.0000107498	0.0001016326

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

Average Solution Concentration: 0.1003 g/100mL
 Standard Deviation: 0.00098 g/100mL
 Precision CV (%): 0.97
 Equivalent Vapor Concentration: 0.0816 g/210L
 Combined Standard Uncertainty (±): 0.0009 g/210L
 Expanded Uncertainty (±): 0.0018 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. Black [Signature] 1-12-16 Method: Hand calculation
 Name Signature Date

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

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 1-12-16

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15053

	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: 1-12-16



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	<i>KH</i>	
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15053 for 12/10/15

[Handwritten signature]

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 15053**

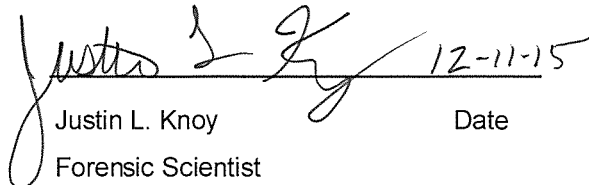
I, Justin L. Knoy, do certify under penalty of perjury that:

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 15053, 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


Justin L. Knoy
Forensic Scientist

12-11-15
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 15053**

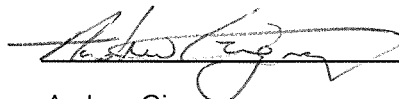
I, Andrew Gingras, do certify under penalty of perjury that:

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 15053, 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

**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15053**

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 15053, 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

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. Z...
Analyst Signature

11-13-15
Date JK

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		

15053

Initials

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!

15053
Luzhols

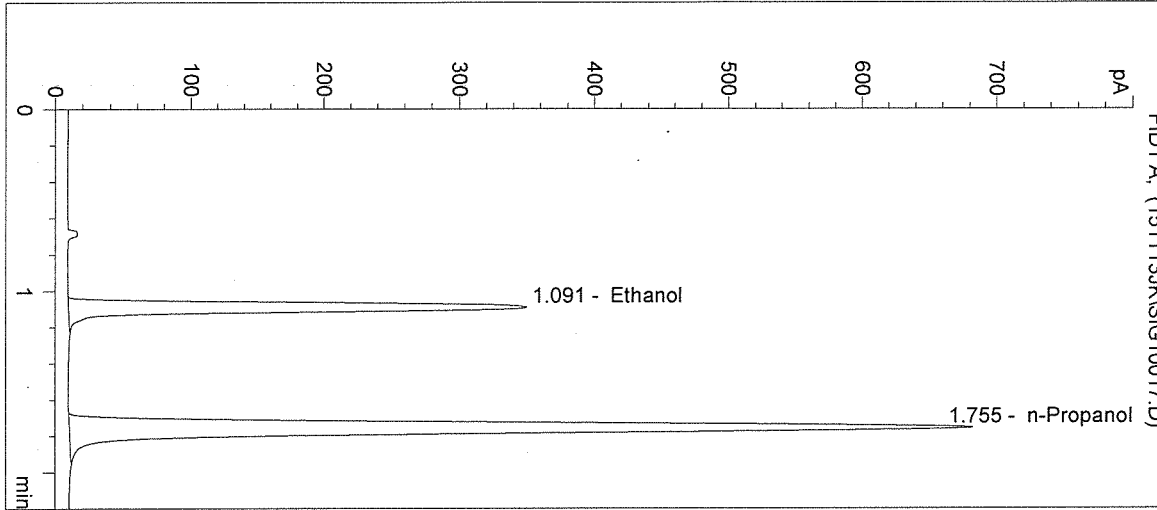
JR

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

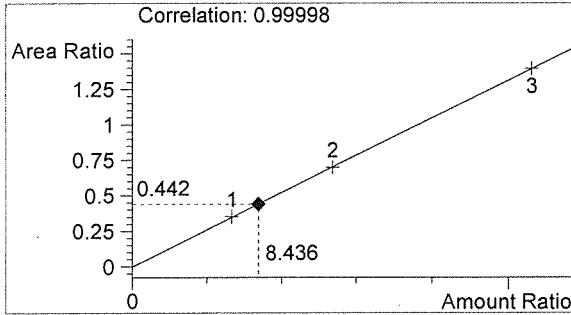
Inj. Date: 11/13/2015 12:15:11 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 15053-1
 Operator: Justin Knoy
 Location: Vial 17

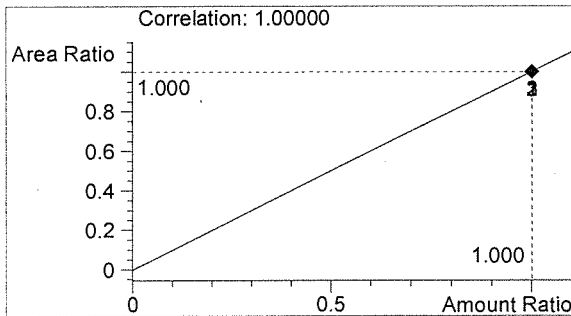
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1165	1.091
2	n-Propanol	2634	1.755



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

JK

JK

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

Inj. Date: 11/13/2015 12:18:24 PM

Sample Name: 15053-2

Instrument: HSGC#1

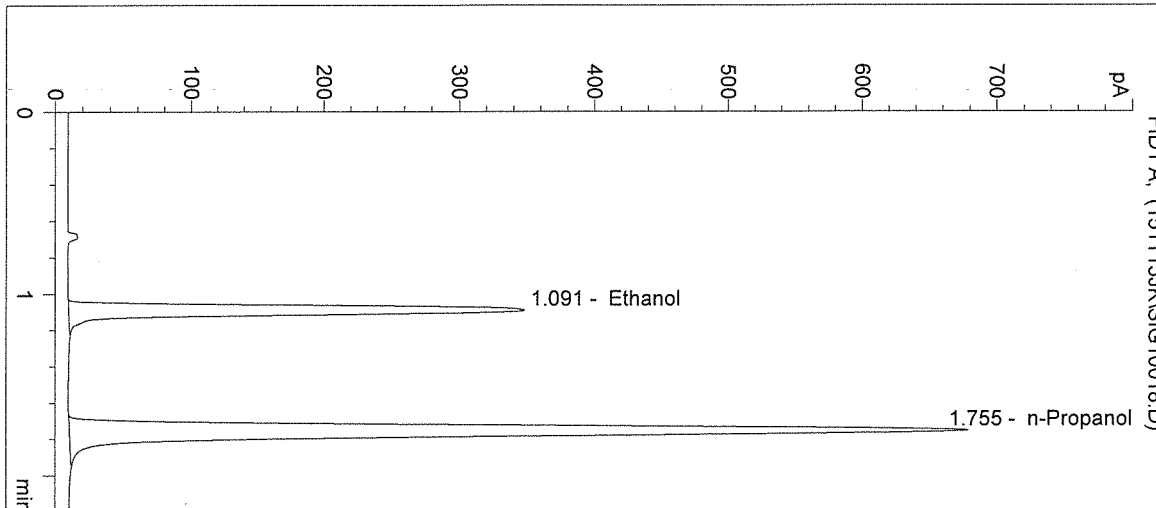
Operator: Justin Knoy

Column: DB-ALC1

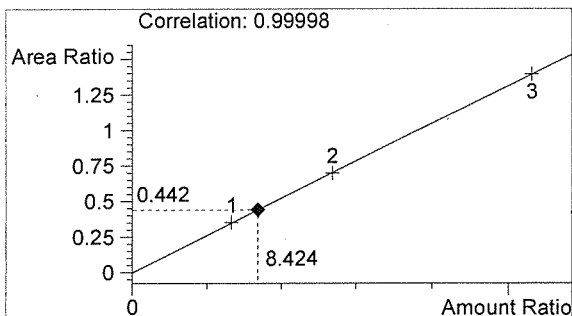
Location: Vial 18

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

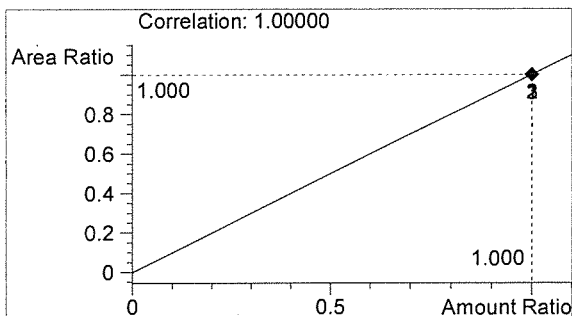
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1160	1.091
2	n-Propanol	2627	1.755



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

JK

JK

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

Inj. Date: 11/13/2015 12:21:37 PM

Sample Name: 15053-3

Instrument: HSGC#1

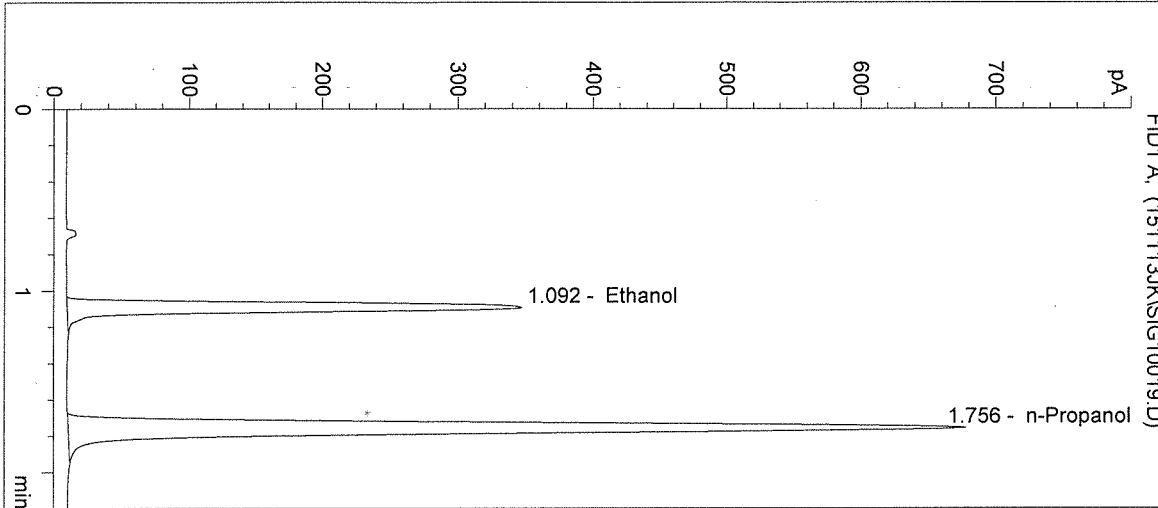
Operator: Justin Knoy

Column: DB-ALC1

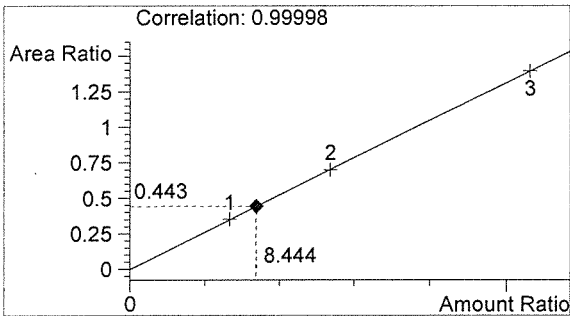
Location: Vial 19

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

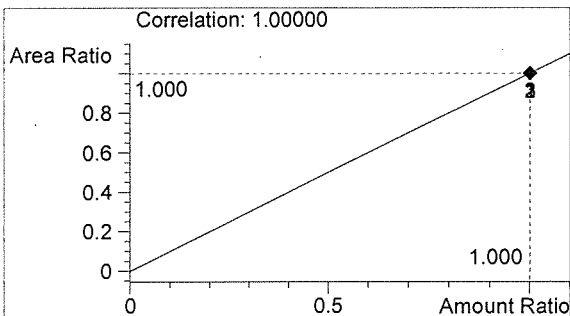
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1160	1.092
2	n-Propanol	2620	1.756



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

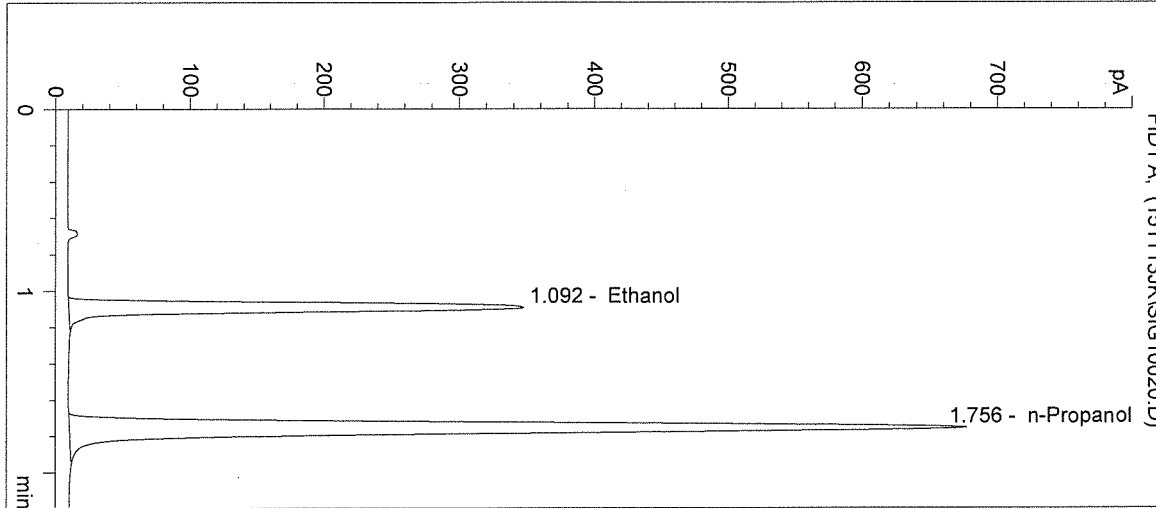
Handwritten initials JR

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

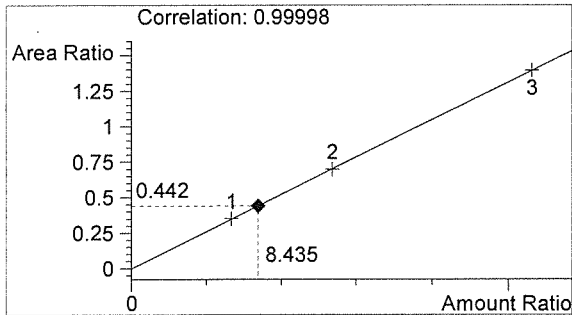
Inj. Date: 11/13/2015 12:24:50 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 15053-4
 Operator: Justin Knoy
 Location: Vial 20

Sample Info:

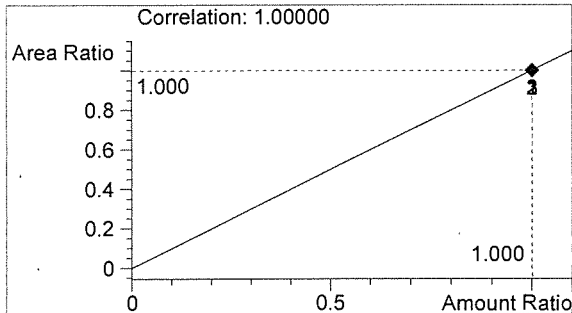


#	Compound	Peak Area	RT (min)
1	Ethanol	1163	1.092
2	n-Propanol	2629	1.756



Ethanol 0.101 g/100mL

Handwritten mark



n-Propanol 0.012 g/100mL

Handwritten initials JK

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

Inj. Date: 11/13/2015 12:28:03 PM

Sample Name: 15053-5

Instrument: HSGC#1

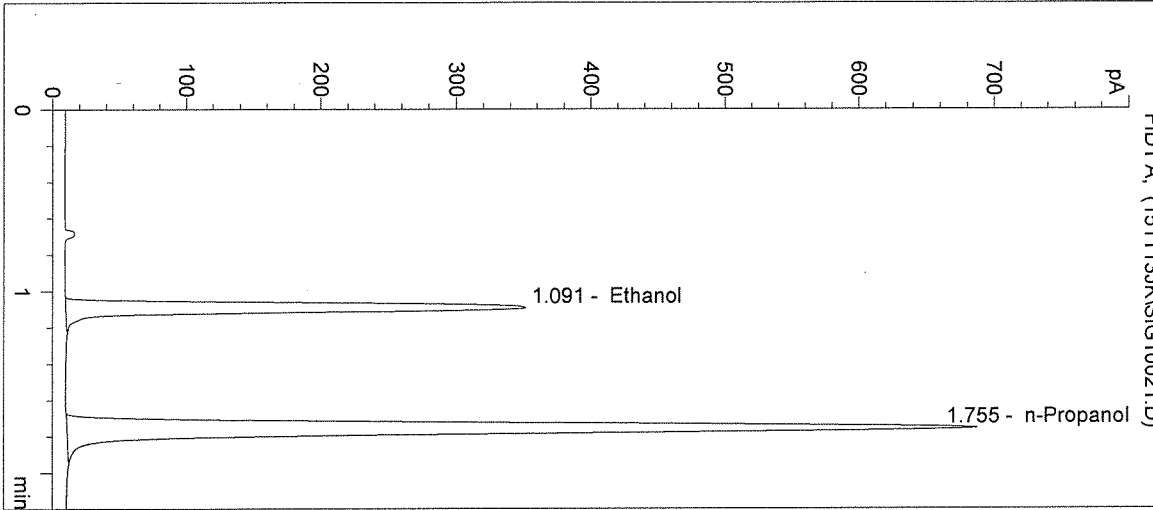
Operator: Justin Knoy

Column: DB-ALC1

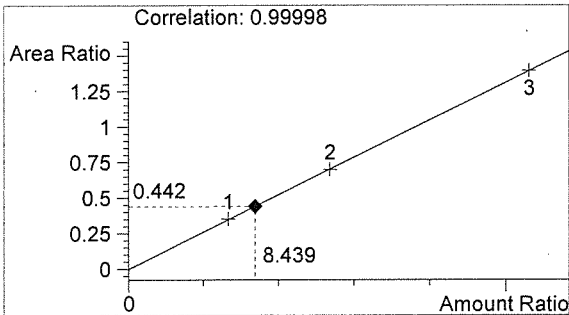
Location: Vial 21

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

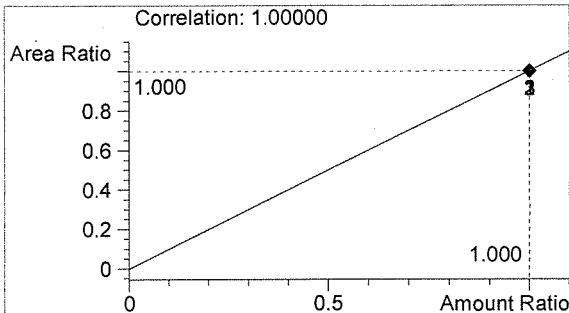
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1175	1.091
2	n-Propanol	2656	1.755



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

JK

JK

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

Inj. Date: 11/13/2015 12:31:17 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

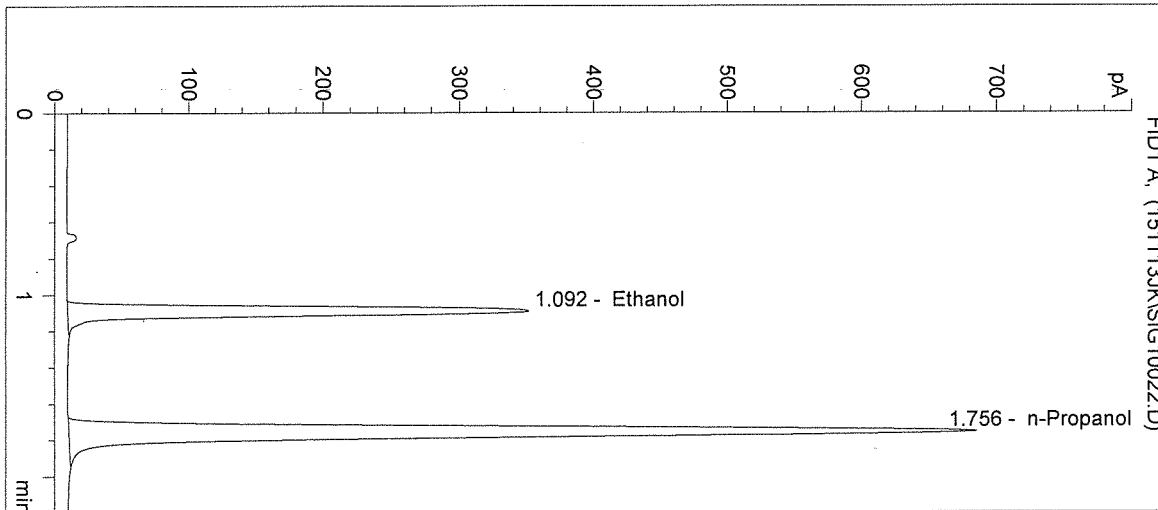
Operator: Justin Knoy

Column: DB-ALC1

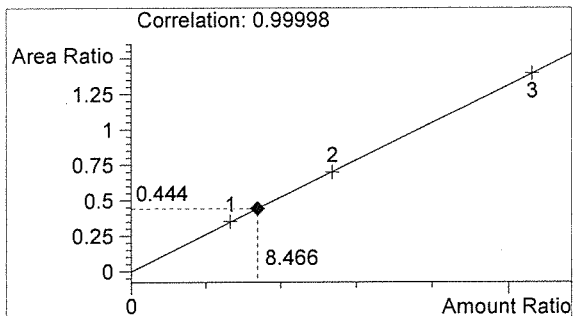
Location: Vial 22

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

Sample Info: 15053

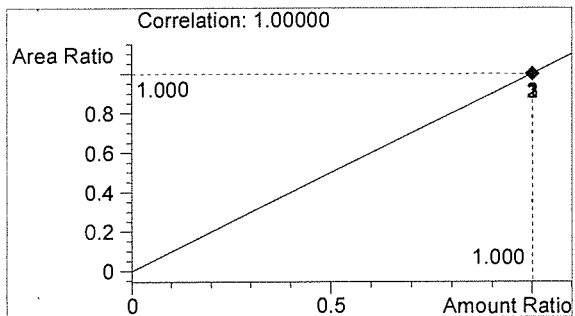


#	Compound	Peak Area	RT (min)
1	Ethanol	1176	1.092
2	n-Propanol	2649	1.756



Ethanol 0.102 g/100mL

Handwritten signature



n-Propanol 0.012 g/100mL

Handwritten initials JK

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

Inj. Date: 11/13/2015 12:34:30 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

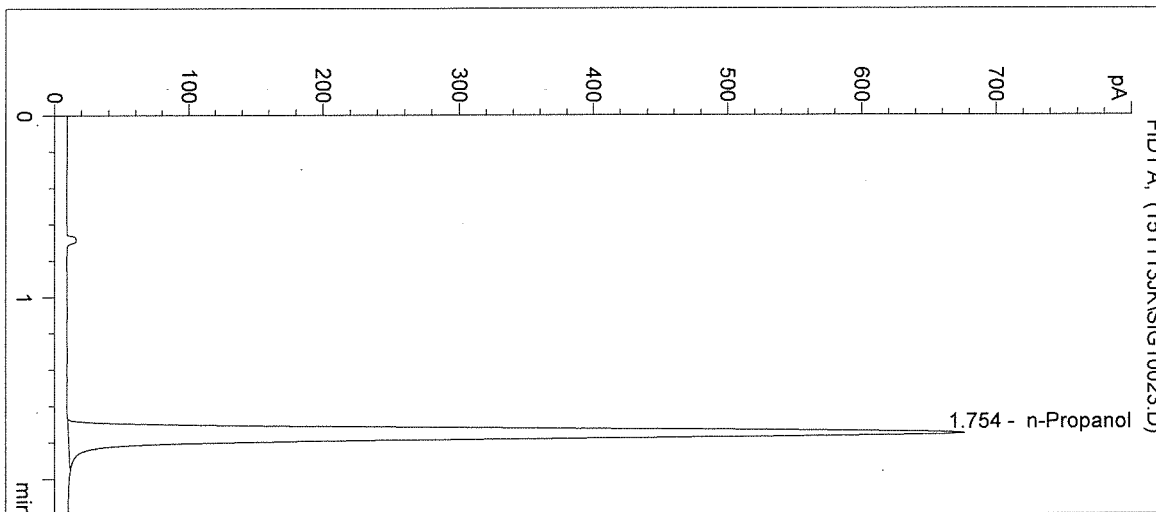
Operator: Justin Knoy

Column: DB-ALC1

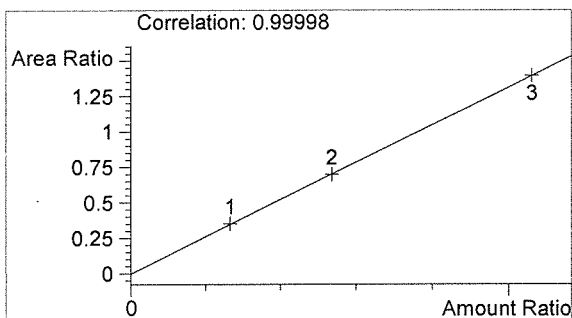
Location: Vial 23

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

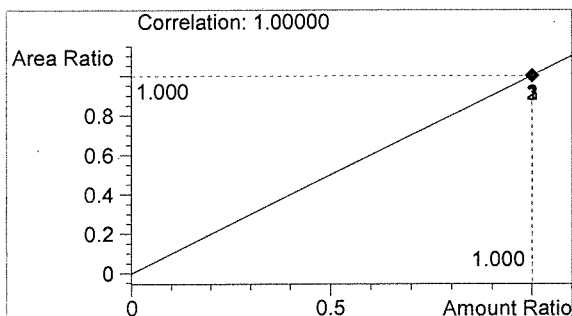
Sample Info: 15053



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2615	1.754



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten initials 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		

15053
Injection

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!

15053

Injections

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

Inj. Date: 11/13/2015 2:53:33 PM

Sample Name: 15053-1

Instrument: HSGC#1

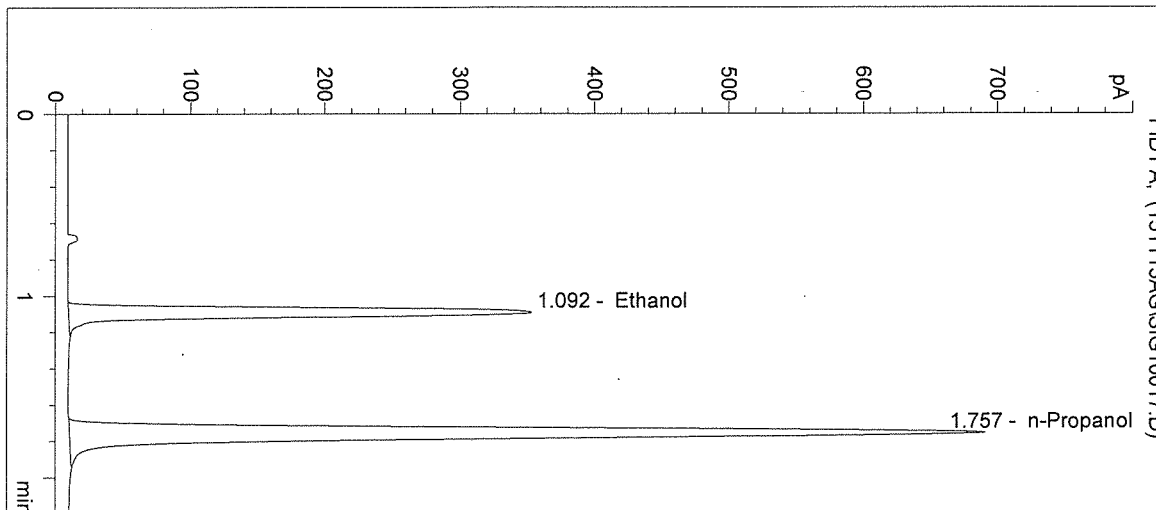
Operator: Andrew Gingras

Column: DB-ALC1

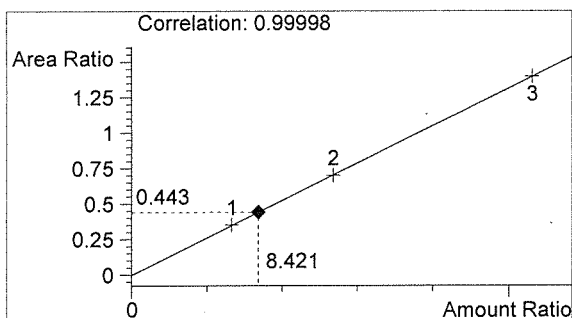
Location: Vial 17

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

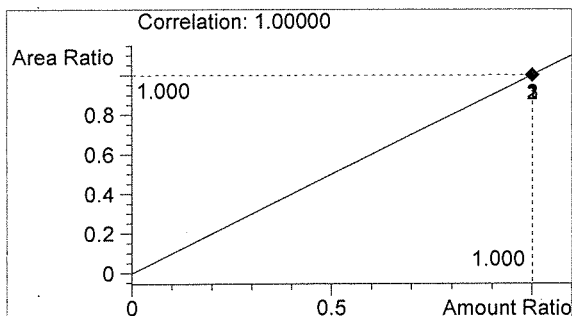
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1181	1.092
2	n-Propanol	2668	1.757



Ethanol 0.101 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 2:56:47 PM

Sample Name: 15053-2

Instrument: HSGC#1

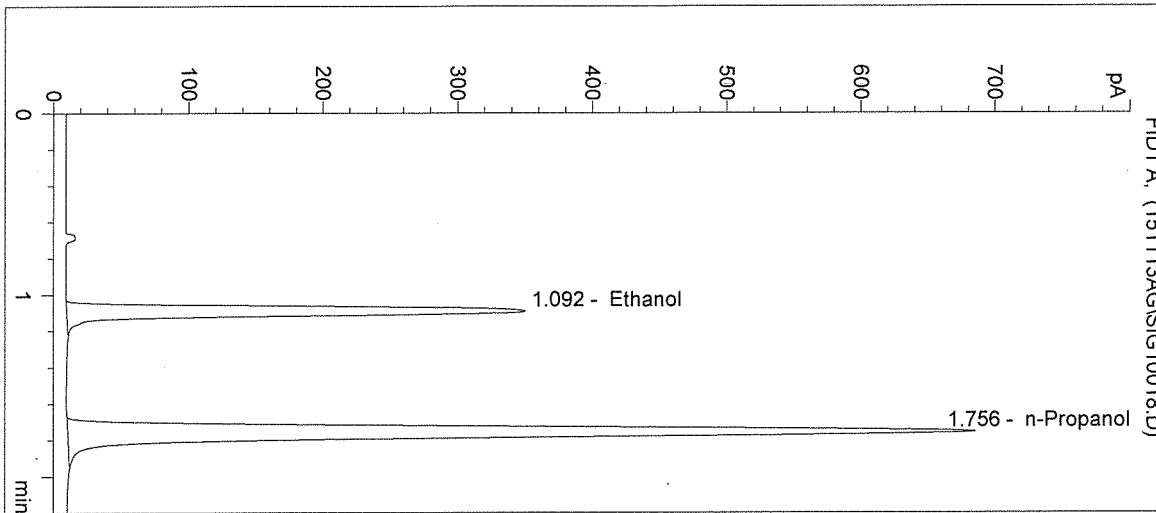
Operator: Andrew Gingras

Column: DB-ALC1

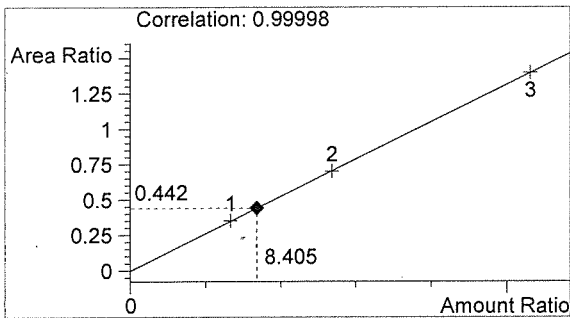
Location: Vial 18

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

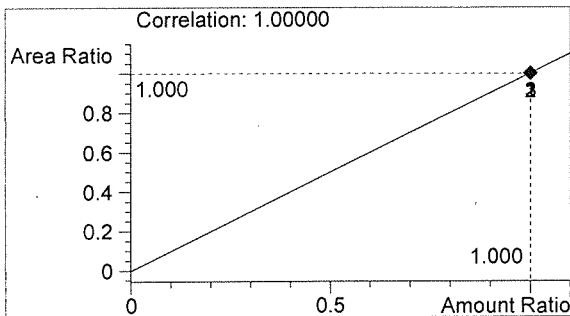
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1171	1.092
2	n-Propanol	2651	1.756



Ethanol 0.101 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 3:00:00 PM

Sample Name: 15053-3

Instrument: HSGC#1

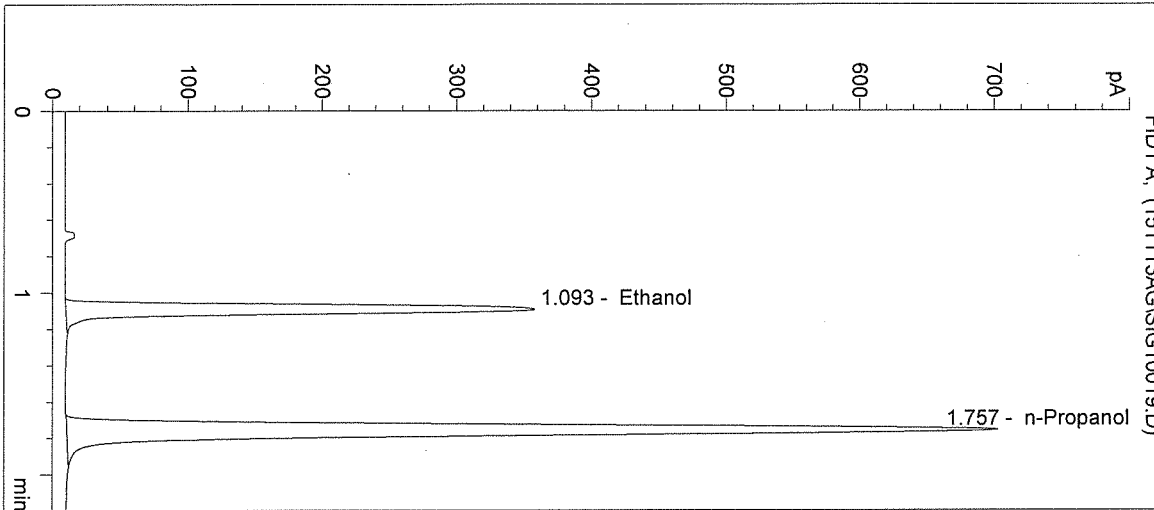
Operator: Andrew Gingras

Column: DB-ALC1

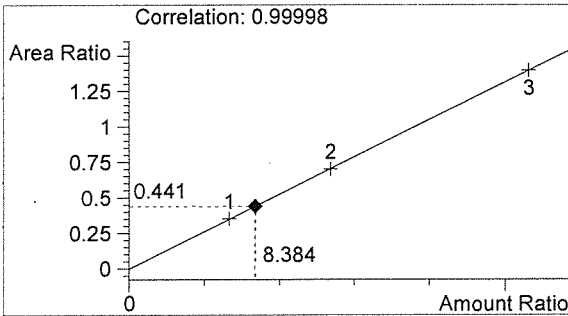
Location: Vial 19

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

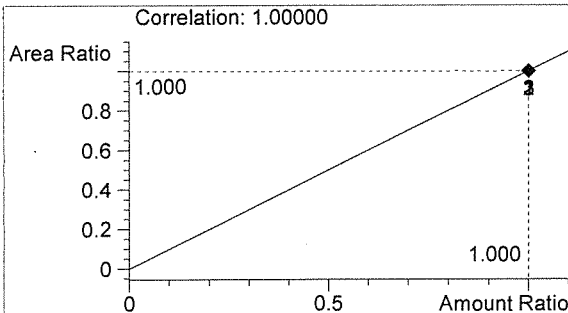
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1203	1.093
2	n-Propanol	2729	1.757



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

h

SG

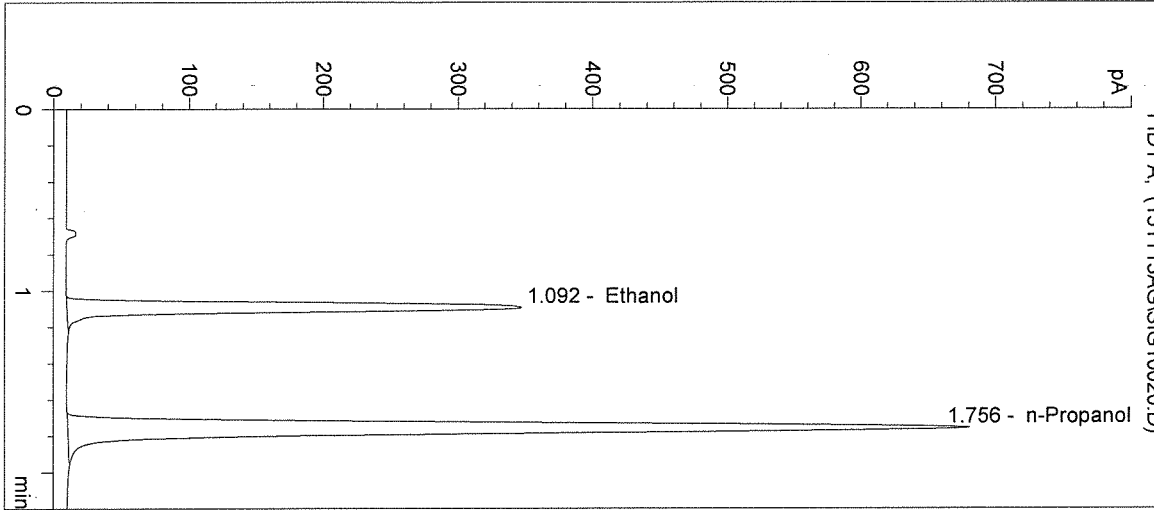
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/13/2015 3:03:13 PM
Instrument: HSGC#1
Column: DB-ALC1

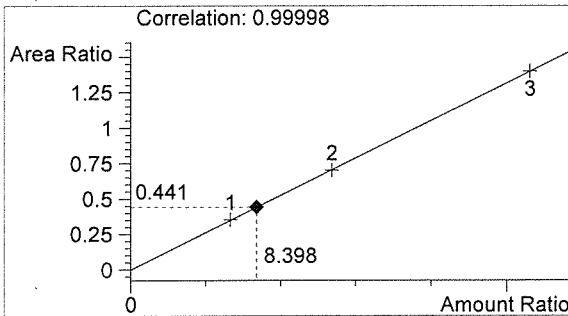
Sample Name: 15053-4
Operator: Andrew Gingras
Location: Vial 20

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

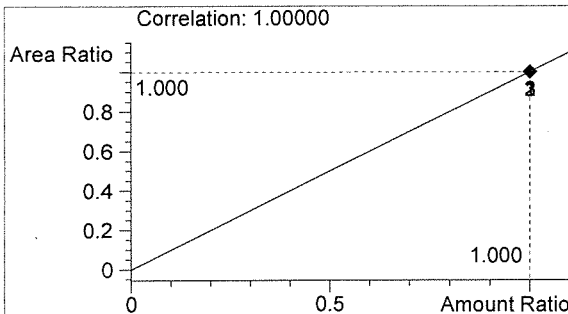
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1164	1.092
2	n-Propanol	2637	1.756



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

Handwritten initials

Handwritten signature

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

Inj. Date: 11/13/2015 3:06:26 PM

Sample Name: 15053-5

Instrument: HSGC#1

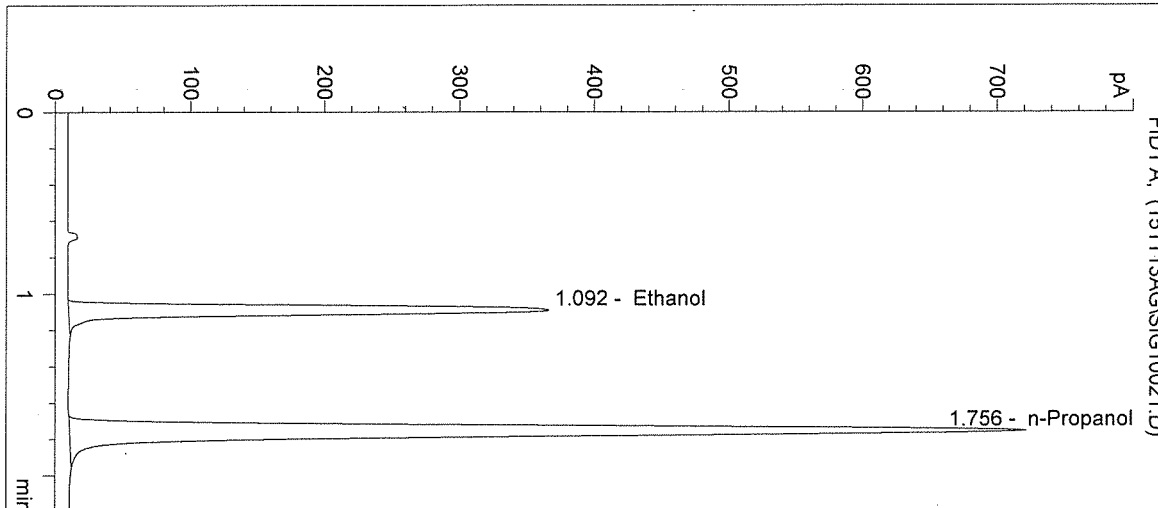
Operator: Andrew Gingras

Column: DB-ALC1

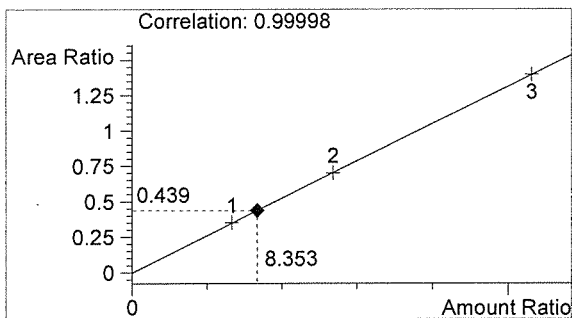
Location: Vial 21

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

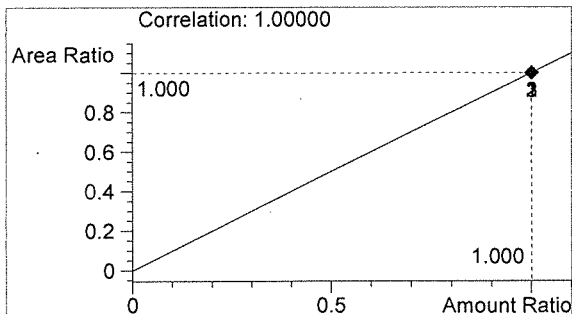
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1225	1.092
2	n-Propanol	2789	1.756



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

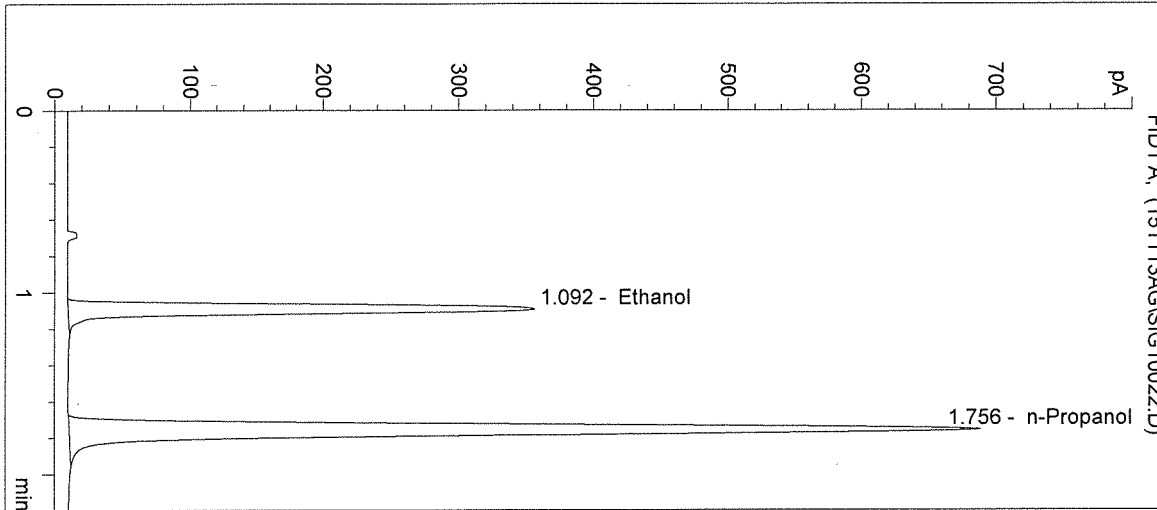
Handwritten signature

Handwritten signature

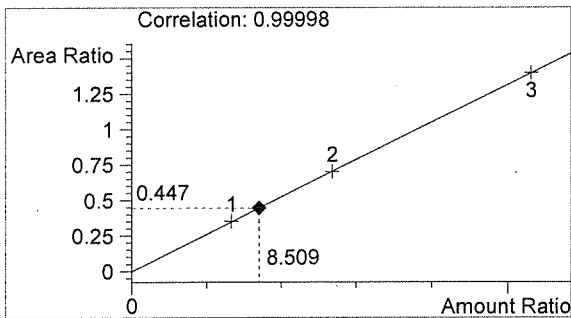
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/13/2015 3:09:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15053

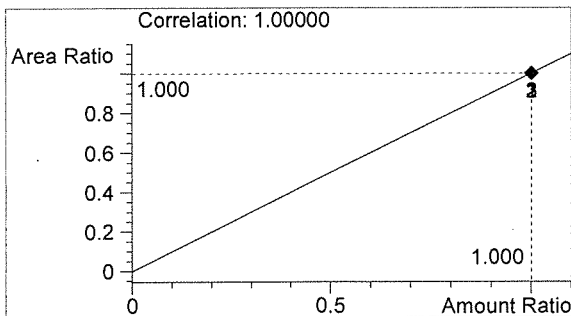
Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1190	1.092
2	n-Propanol	2660	1.756



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

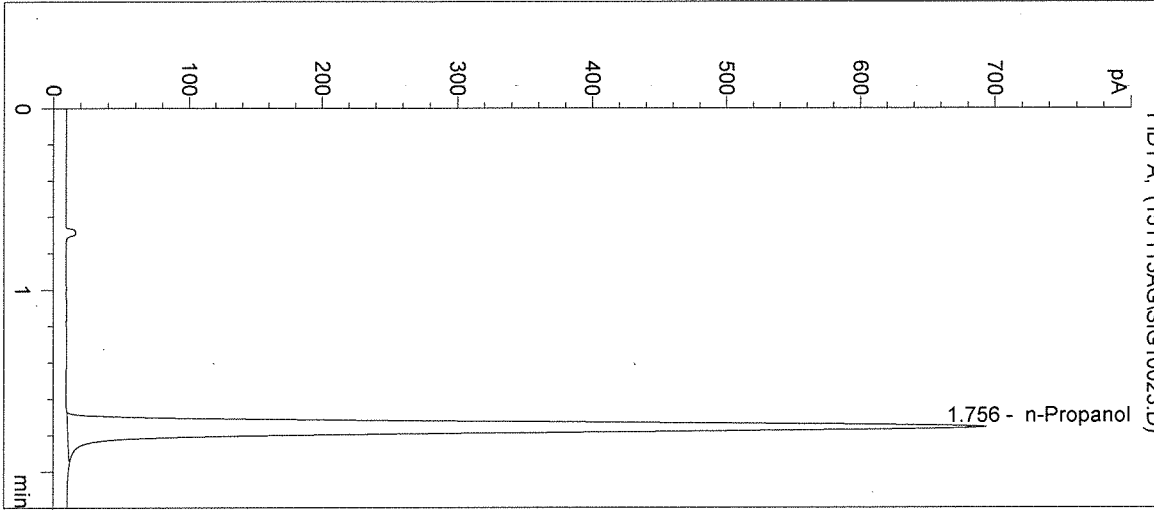
Handwritten signature

Handwritten signature

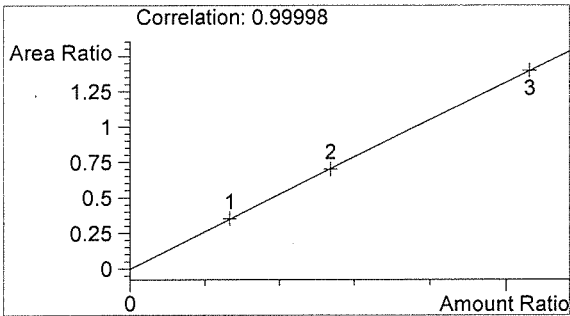
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/13/2015 3:12:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15053

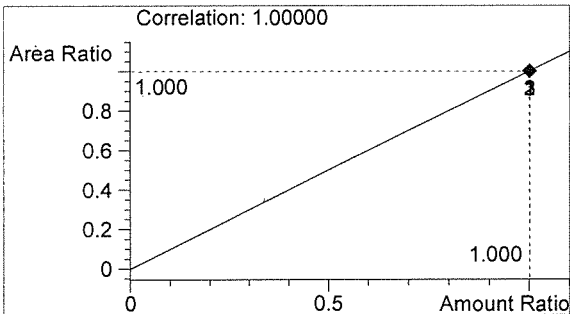
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2682	1.756



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature

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		

15053
 Ruzhals

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!

15053
12/10/15

Handwritten signature and date:
11/13/15
1511804

Handwritten signature:
ar

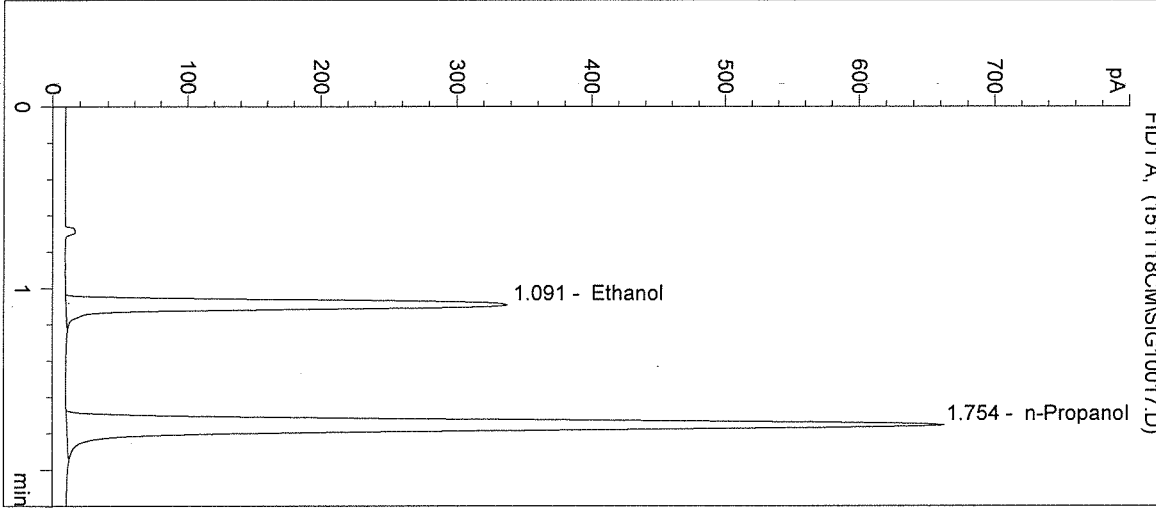
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2015 8:43:08 AM
Instrument: HSGC#1
Column: DB-ALC1

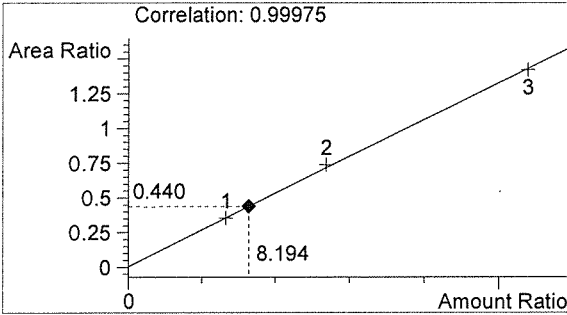
Sample Name: 15053-1
Operator: Christie Mitchell-Mata
Location: Vial 17

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

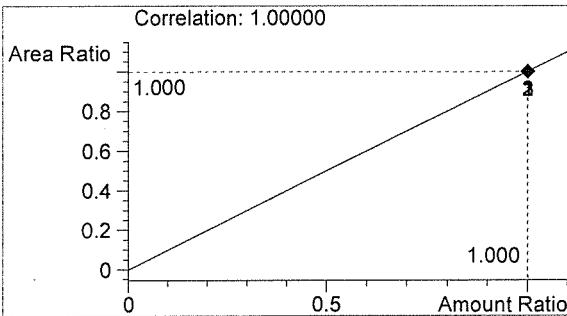
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1132	1.091
2	n-Propanol	2572	1.754



Ethanol 0.098 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: 11/18/2015 8:46:21 AM

Sample Name: 15053-2

Instrument: HSGC#1

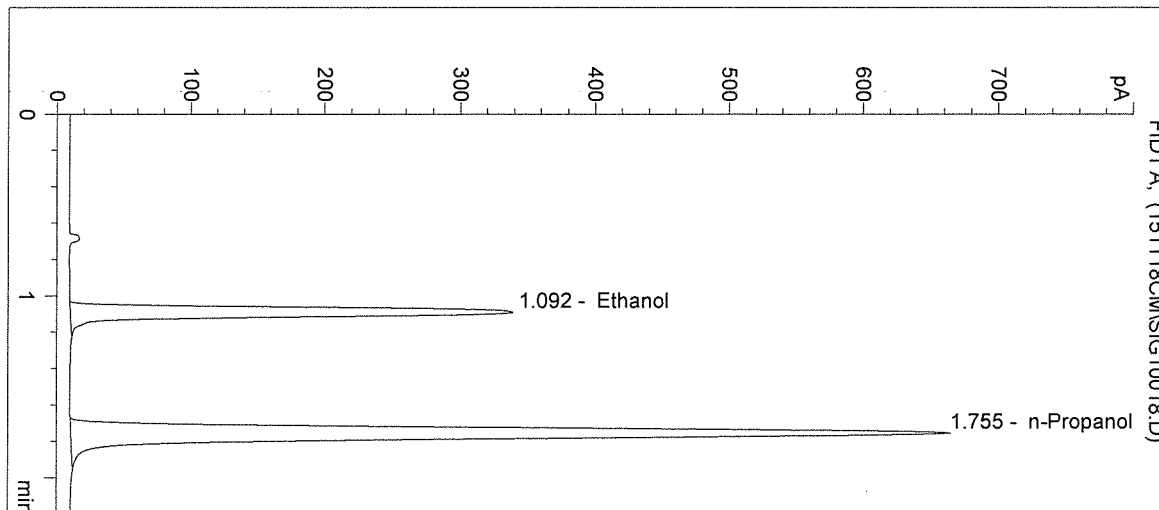
Operator: Christie Mitchell-Mata

Column: DB-ALC1

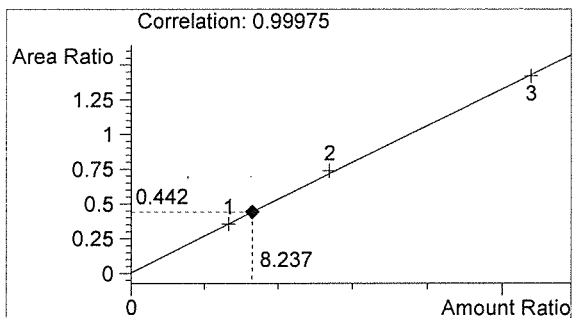
Location: Vial 18

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

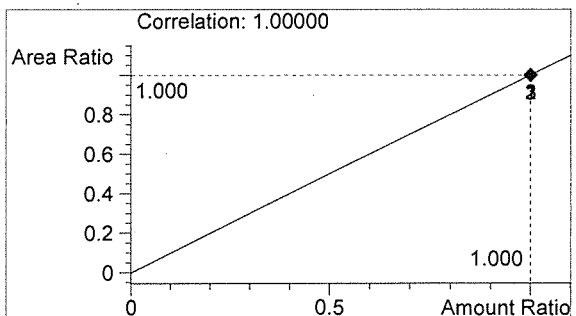
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1142	1.092
2	n-Propanol	2581	1.755



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

h

m

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

Inj. Date: 11/18/2015 8:49:34 AM

Sample Name: 15053-3

Instrument: HSGC#1

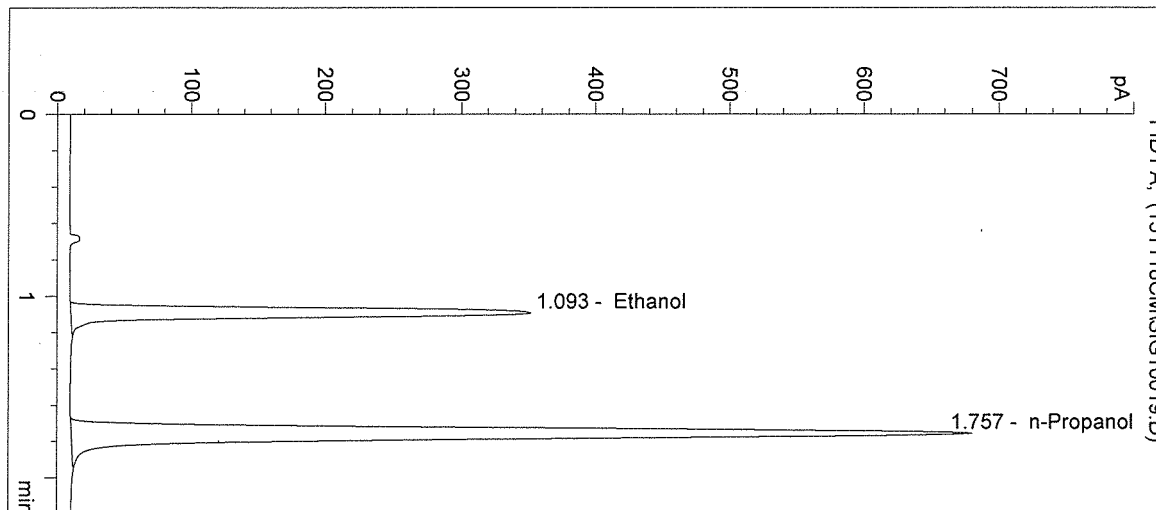
Operator: Christie Mitchell-Mata

Column: DB-ALC1

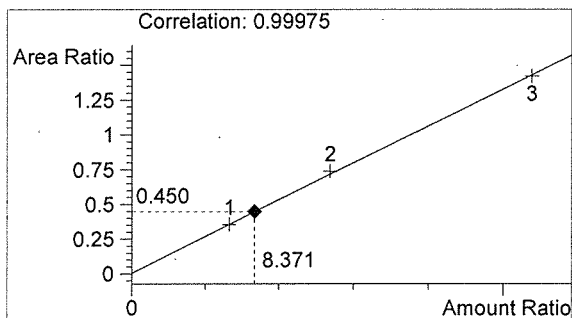
Location: Vial 19

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

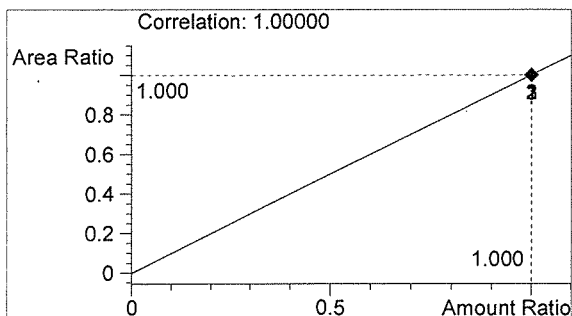
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1190	1.093
2	n-Propanol	2648	1.757



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

Handwritten mark

Handwritten mark

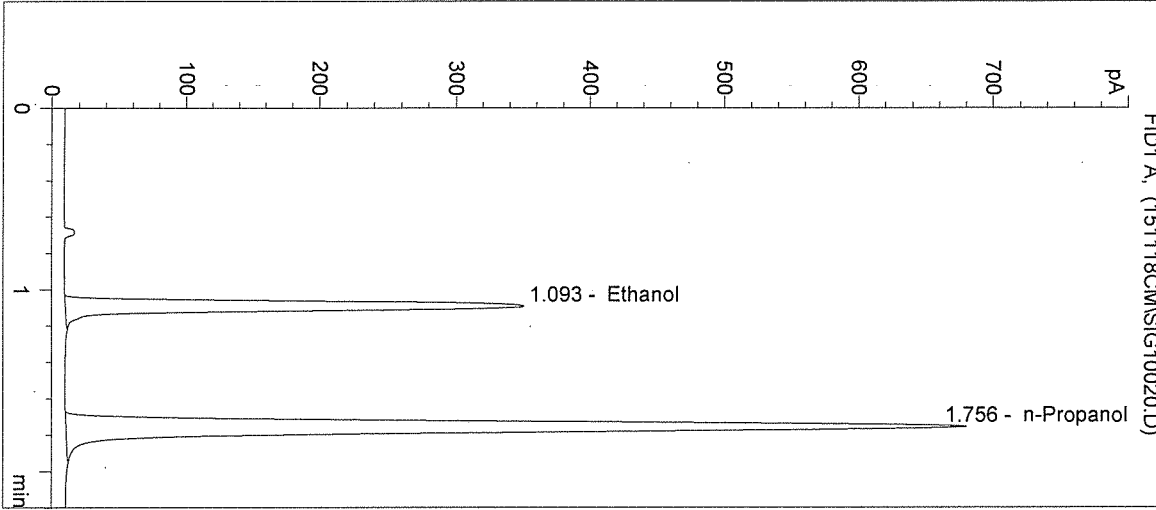
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2015 8:52:48 AM
Instrument: HSGC#1
Column: DB-ALC1

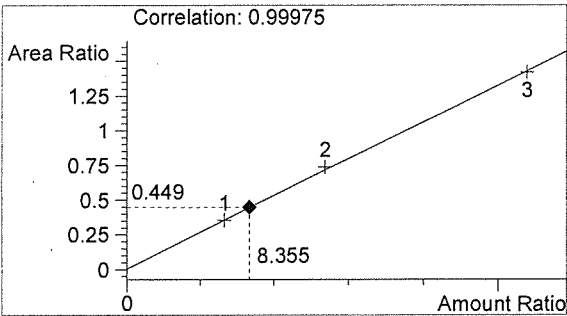
Sample Name: 15053-4
Operator: Christie Mitchell-Mata
Location: Vial 20

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

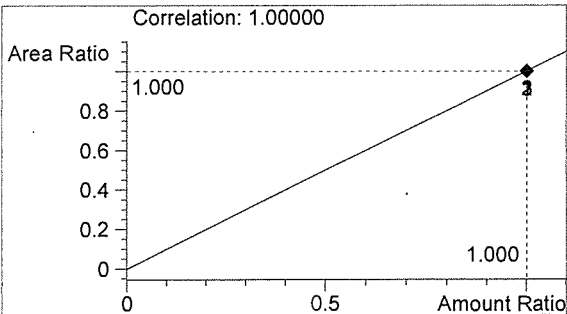
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1190	1.093
2	n-Propanol	2653	1.756



Ethanol 0.100 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: 11/18/2015 8:56:01 AM

Sample Name: 15053-5

Instrument: HSGC#1

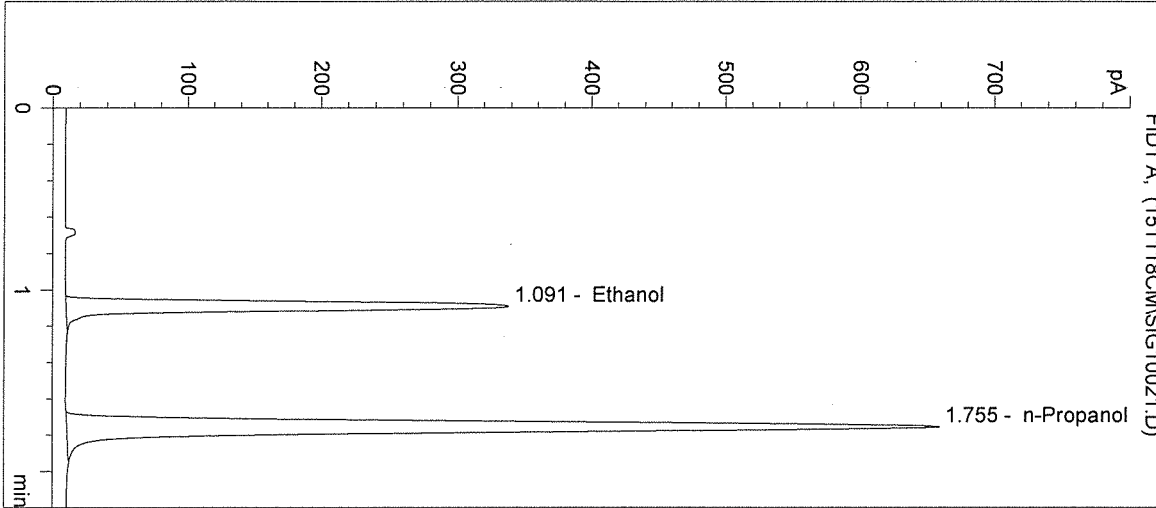
Operator: Christie Mitchell-Mata

Column: DB-ALC1

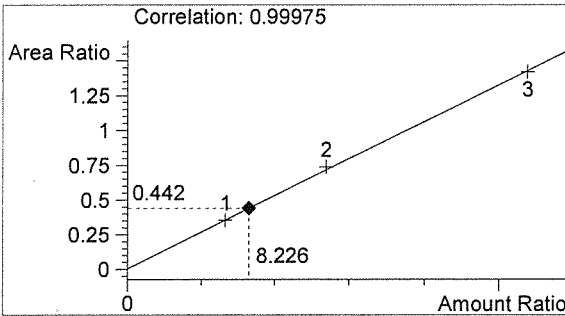
Location: Vial 21

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

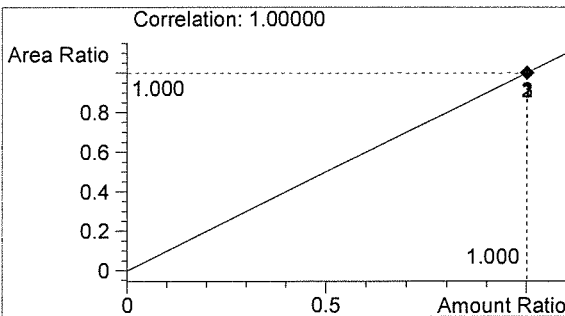
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.091
2	n-Propanol	2557	1.755



Ethanol 0.099 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: 11/18/2015 8:59:14 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

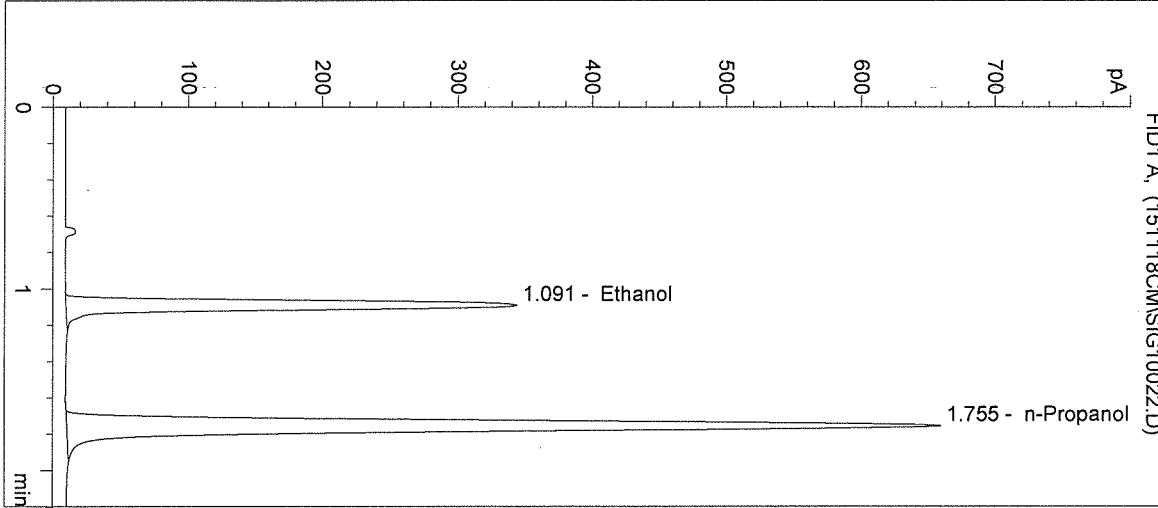
Operator: Christie Mitchell-Mata

Column: DB-ALC1

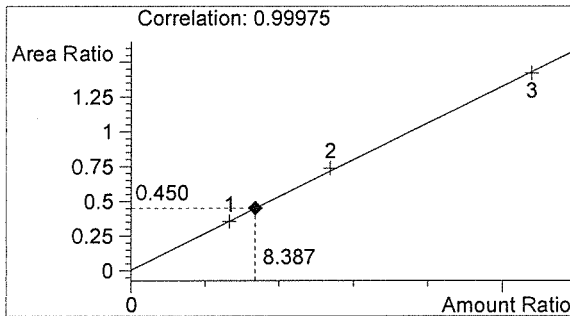
Location: Vial 22

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

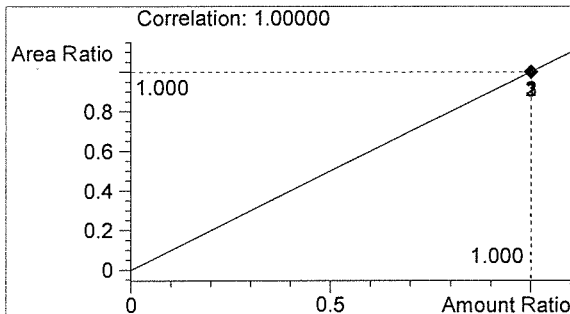
Sample Info: 15053



#	Compound	Peak Area	RT (min)
1	Ethanol	1152	1.091
2	n-Propanol	2558	1.755



Ethanol 0.101 g/100mL



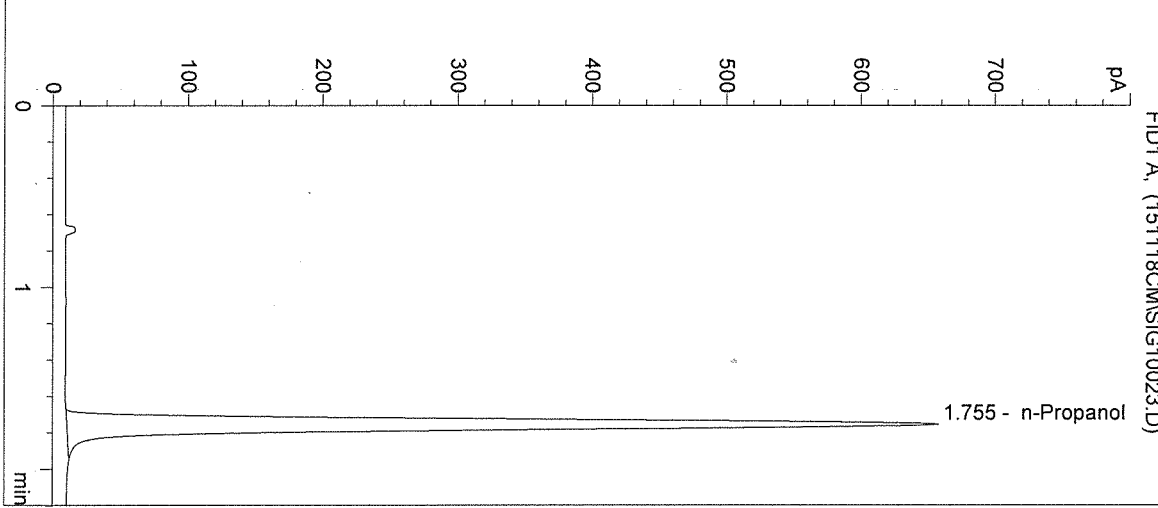
n-Propanol 0.012 g/100mL

Handwritten signature

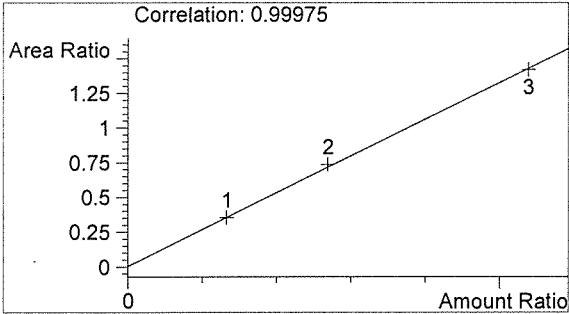
Handwritten signature

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

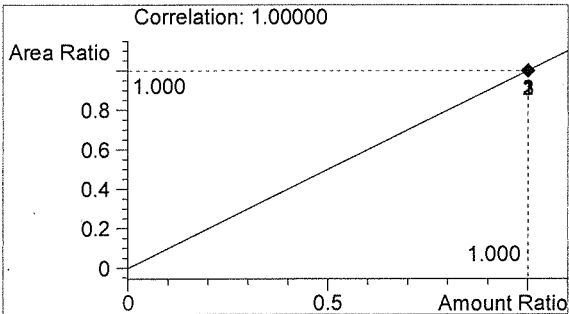
Inj. Date: 11/18/2015 9:02:28 AM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 23
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 15053



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2552	1.755



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature