



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15035

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: 09/10/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Naziha Nuwayhid

	NN	RF	AC
1	0.100	0.099	0.099
2	0.100	0.100	0.101
3	0.101	0.100	0.100
4	0.100	0.099	0.099
5	0.101	0.100	0.100
C	0.103	0.101	0.102

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.0999 g/100mL PRECISION CV (%): 0.70
STANDARD DEVIATION: 0.00070 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: 0.0812 g/210L
EXPANDED UNCERTAINTY: ± 0.0020 (k=2, 95.45% confidence interval)

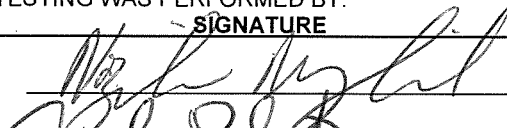


WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

9/25/15

DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:		DATE TESTED
		SIGNATURE		
NN	Naziha Nuwayhid			09/10/2015
RF	Rebecca Flaherty			09/11/2015
AC	Amanda Chandler			09/17/2015

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

QAP Solution Batch #: 15035

Date Prepared: 9/10/2015

Analyst:	NN	RF	AC
Date Tested:	9/10/2015	9/11/2015	9/17/2015
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.100	0.099	0.099
2	0.100	0.100	0.101
3	0.101	0.100	0.100
4	0.100	0.099	0.099
5	0.101	0.100	0.100
C	0.103	0.101	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000033060	0.0000320390	0.0001016326

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

Average Solution Concentration: 0.0999 g/100mL
 Standard Deviation: 0.00070 g/100mL
 Precision CV (%): 0.70
 Equivalent Vapor Concentration: 0.0812 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: Lisa Noble [Signature] 9/21/15
 Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 9-24-15
 Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 9/21/15
 Name Signature Date

[Signature]

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 9-24-15

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15035

	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:

9-24-15



SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

- 1) Checked your data
- 2) Checked the date to the right of your name on the Test Report
- 3) Signed the Test Report

	Initials	Date
Amanda Chandler	AZ	9/21/15
Andrew Gingras		
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid	NN	9.22.15
Rebecca Flaherty	RF	9/21/15

Batch # 15035 8/21/15

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 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15035**

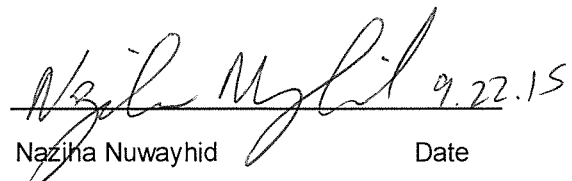
I, Naziha Nuwayhid, do certify under penalty of perjury that:

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: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 15035, was prepared in the Washington State Toxicology Laboratory on 9/10/2015. 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 9/10/2016.

Seattle, WA



Naziha Nuwayhid 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 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15035**

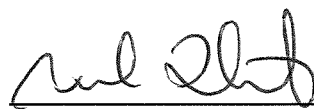
I, Rebecca Flaherty, do certify under penalty of perjury that:

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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 15035, was prepared in the Washington State Toxicology Laboratory on 9/10/2015. 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 9/10/2016.

Seattle, WA

 9/21/15

Rebecca Flaherty
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 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**0.08 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15035**

I, Amanda Chandler, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: MS degree in Forensic Toxicology.

The quality assurance procedure (QAP) solution, Lot Number 15035, was prepared in the Washington State Toxicology Laboratory on 9/10/2015. 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 9/10/2016.

Seattle, WA

Amanda Chandler 9/24/15

Amanda Chandler

Date

Forensic Scientist



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

Preparation Date: 9.10.15 Expiration Date: 9.10.16 Initials of Preparer: WN

Lot # of 200-proof Ethanol used in preparation: 2DC0208

Date the 200-proof Ethanol bottle was opened: 6.16.15 + 9.10.15

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>15034</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>15035</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>15036</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>15037</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>15038</u>
ESS	66.5	52	<input checked="" type="checkbox"/>	

NO ESS prepared 9.29.15(W)

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed

9.10.15
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:

QAP 0.04, 0.08, + 0.10 were prepared from bottle opened on 6.16.15
QAP 0.15, + 0.20 were prepared from ethanol bottle opened 9.10.15

[Signature]
Analyst Signature

9.10.15
Date

[Signature]

Sequence Parameters:

Operator: Naziha Nuwayhid, PhD
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 150910NN
 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. 12/2/2015
 Ethanol Calibrator 2, E0615-02 - Exp. 12/2/2015
 Ethanol Calibrator 3, E0615-03 - Exp. 12/2/2015
 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#P0715 - Exp. 10/27/15

Calibration vials 1-9 filed with 15034.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15034 #1	SIMALC3	1	Sample		
11	Vial 11	15034 #2	SIMALC3	1	Sample		
12	Vial 12	15034 #3	SIMALC3	1	Sample		
13	Vial 13	15034 #4	SIMALC3	1	Sample		
14	Vial 14	15034 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15035 #1	SIMALC3	1	Sample		
18	Vial 18	15035 #2	SIMALC3	1	Sample		
19	Vial 19	15035 #3	SIMALC3	1	Sample		
20	Vial 20	15035 #4	SIMALC3	1	Sample		
21	Vial 21	15035 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15036 #1	SIMALC3	1	Sample		
25	Vial 25	15036 #2	SIMALC3	1	Sample		
26	Vial 26	15036 #3	SIMALC3	1	Sample		

15035
for 9/21/15

AN

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15036 #4	SIMALC3	1	Sample		
28	Vial 28	15036 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15037 #1	SIMALC3	1	Sample		
32	Vial 32	15037 #2	SIMALC3	1	Sample		
33	Vial 33	15037 #3	SIMALC3	1	Sample		
34	Vial 34	15037 #4	SIMALC3	1	Sample		
35	Vial 35	15037 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15038 #1	SIMALC3	1	Sample		
39	Vial 39	15038 #2	SIMALC3	1	Sample		
40	Vial 40	15038 #3	SIMALC3	1	Sample		
41	Vial 41	15038 #4	SIMALC3	1	Sample		
42	Vial 42	15038 #5	SIMALC3	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC3	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

15035
 9/21/15

ML

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

Inj. Date: 9/10/2015 12:42:24 PM

Sample Name: 15035 #1

Instrument: HSGC#3

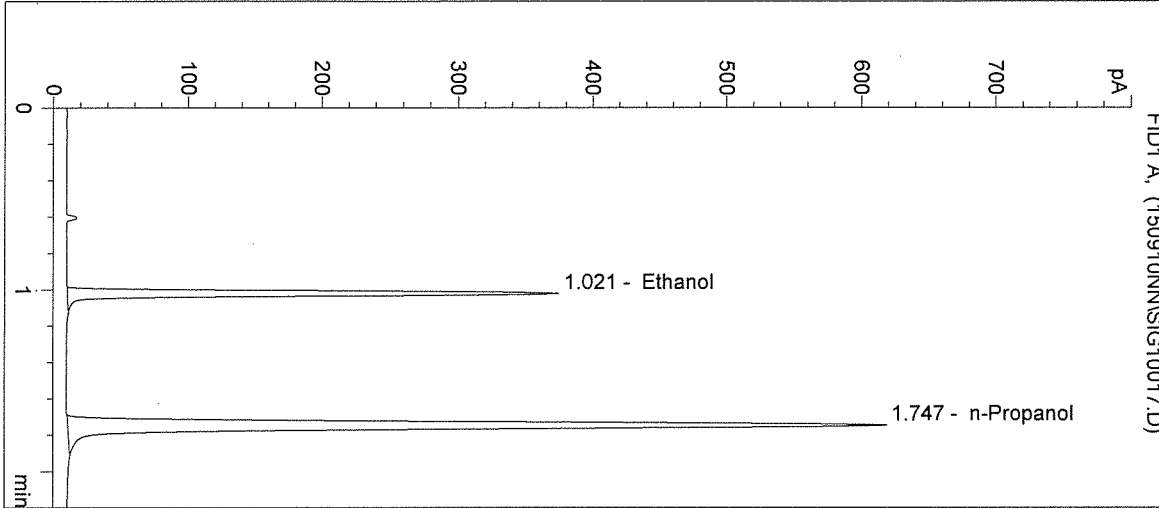
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

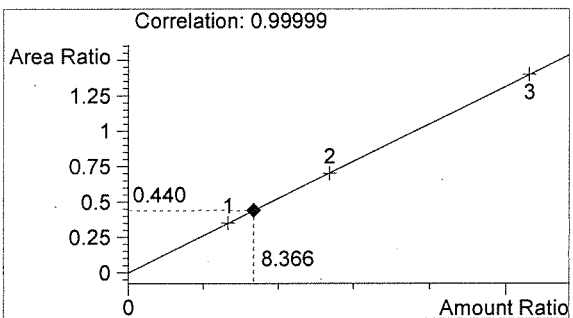
Location: Vial 17

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

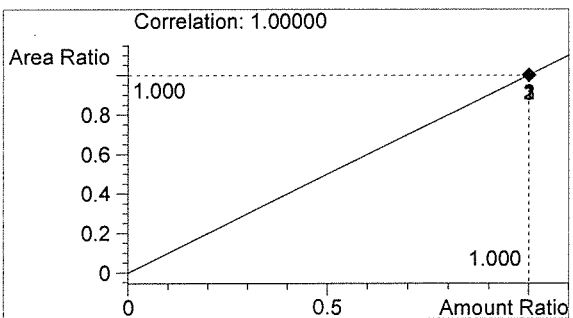
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.021
2	n-Propanol	1612	1.747



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

h

MM

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

Inj. Date: 9/10/2015 12:45:37 PM

Sample Name: 15035 #2

Instrument: HSGC#3

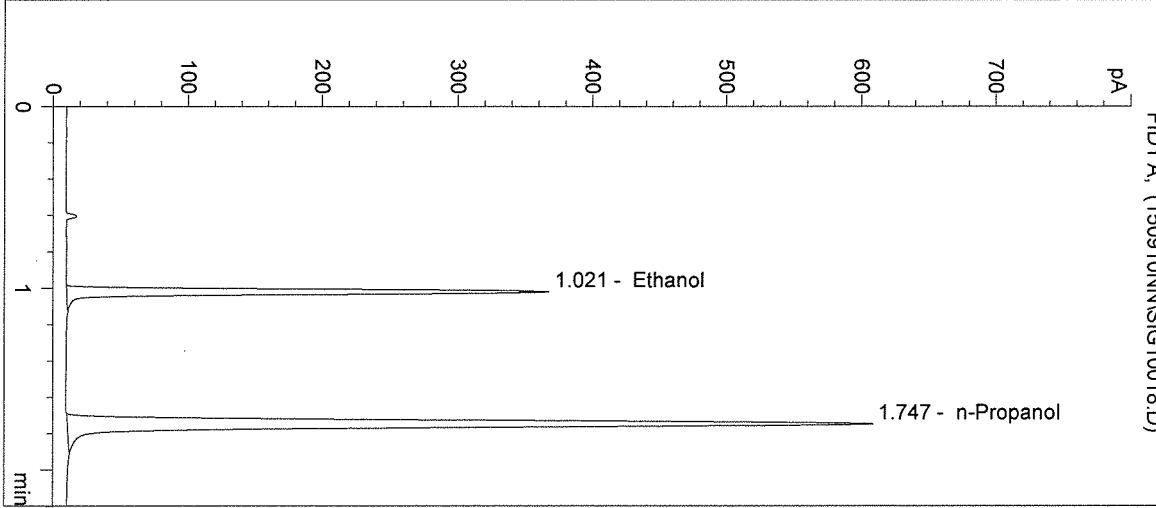
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

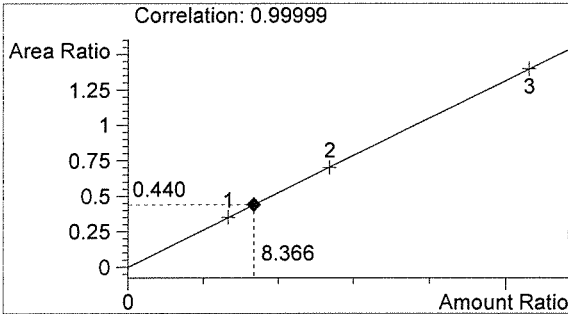
Location: Vial 18

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

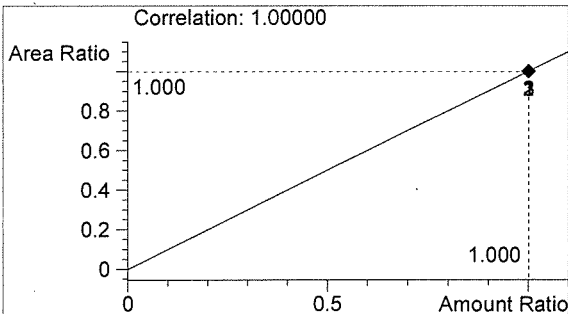
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.021
2	n-Propanol	1587	1.747



Ethanol 0.100 g/100mL



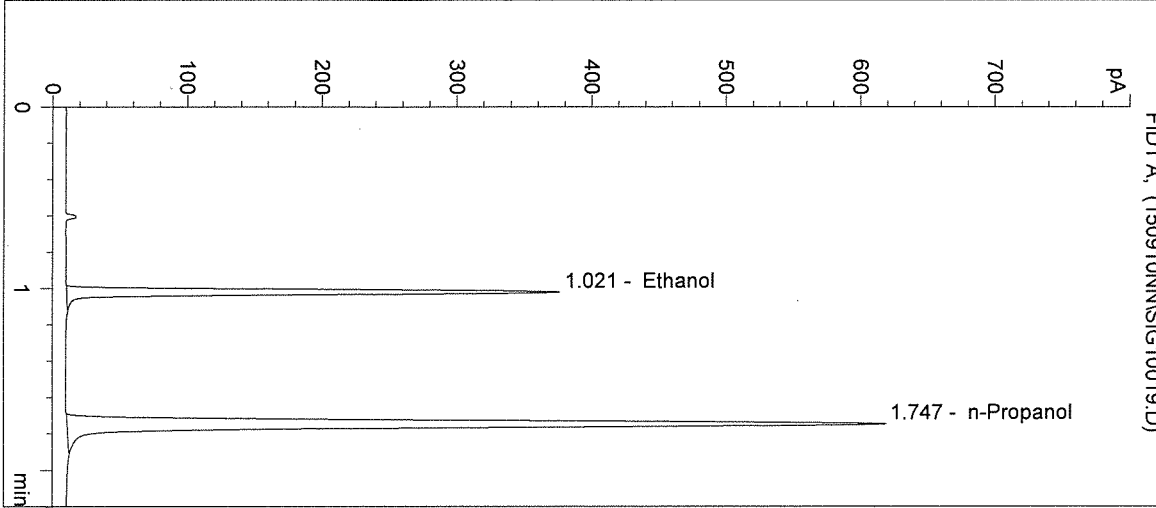
n-Propanol 0.012 g/100mL

Handwritten signature

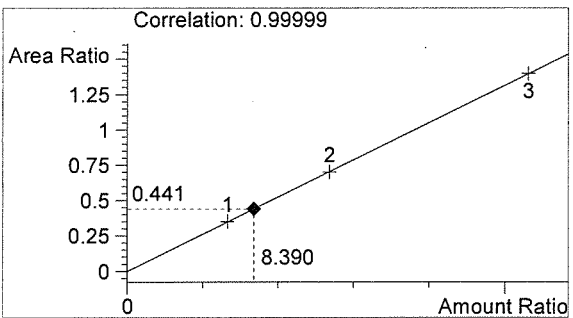
Handwritten signature

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

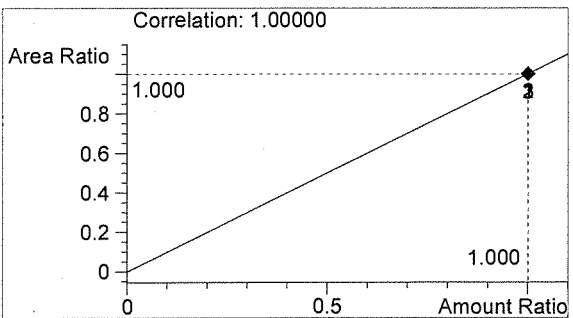
Inj. Date: 9/10/2015 12:48:51 PM Sample Name: 15035 #3
Instrument: HSGC#3 Operator: Naziha Nuwayhid, PhD
Column: DB-ALC2 Location: Vial 19
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.021
2	n-Propanol	1608	1.747



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

h

MM

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

Inj. Date: 9/10/2015 12:52:04 PM

Sample Name: 15035 #4

Instrument: HSGC#3

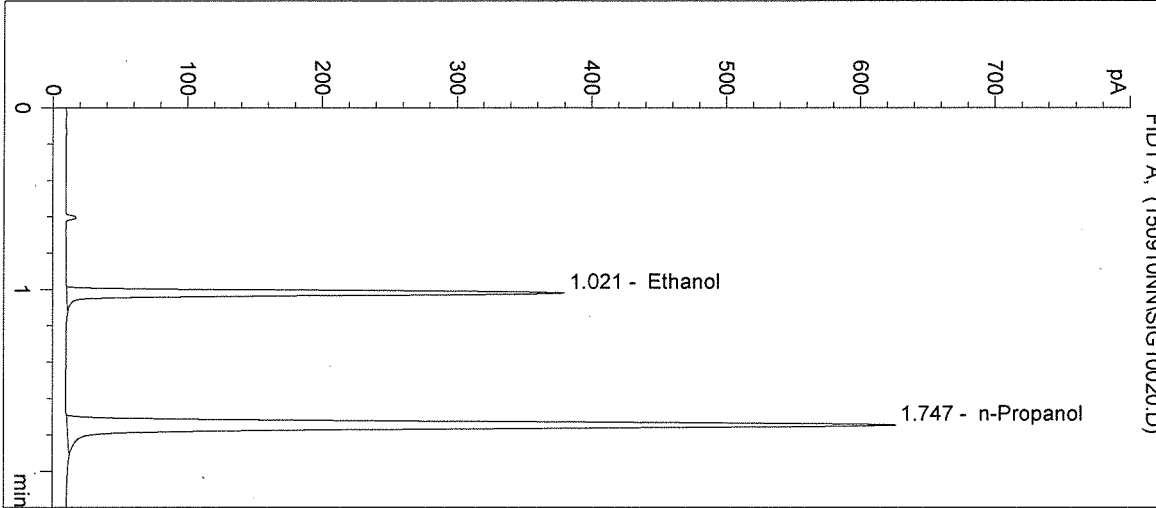
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

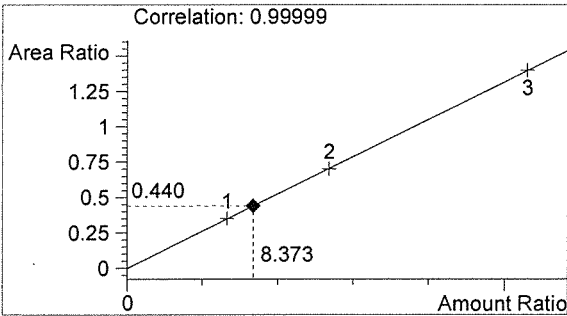
Location: Vial 20

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

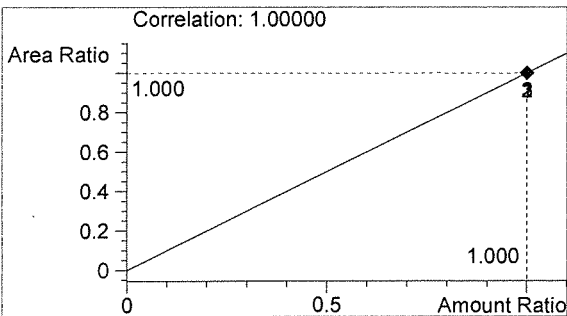
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	717	1.021
2	n-Propanol	1629	1.747



Ethanol 0.100 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: 9/10/2015 12:55:17 PM

Sample Name: 15035 #5

Instrument: HSGC#3

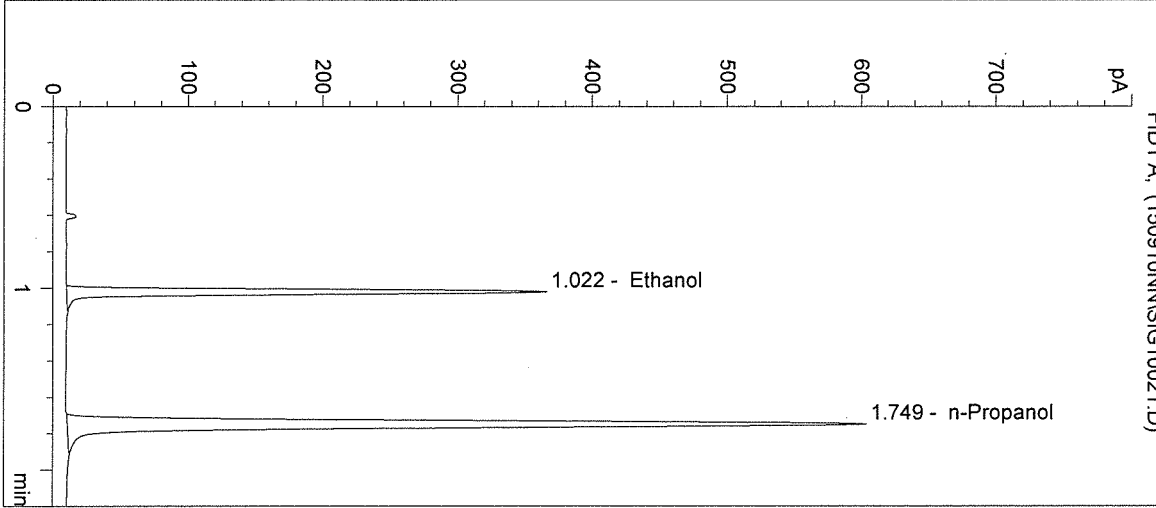
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

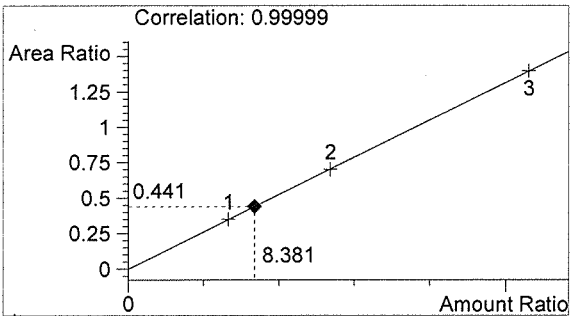
Location: Vial 21

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

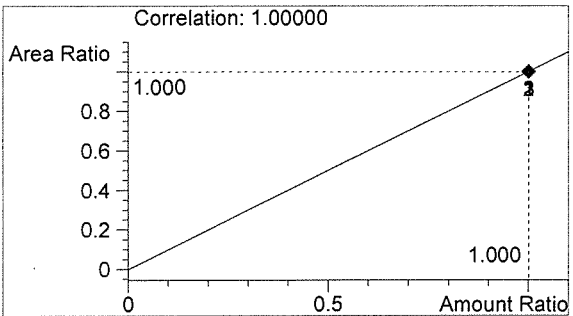
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.022
2	n-Propanol	1571	1.749



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

Handwritten mark

Handwritten initials

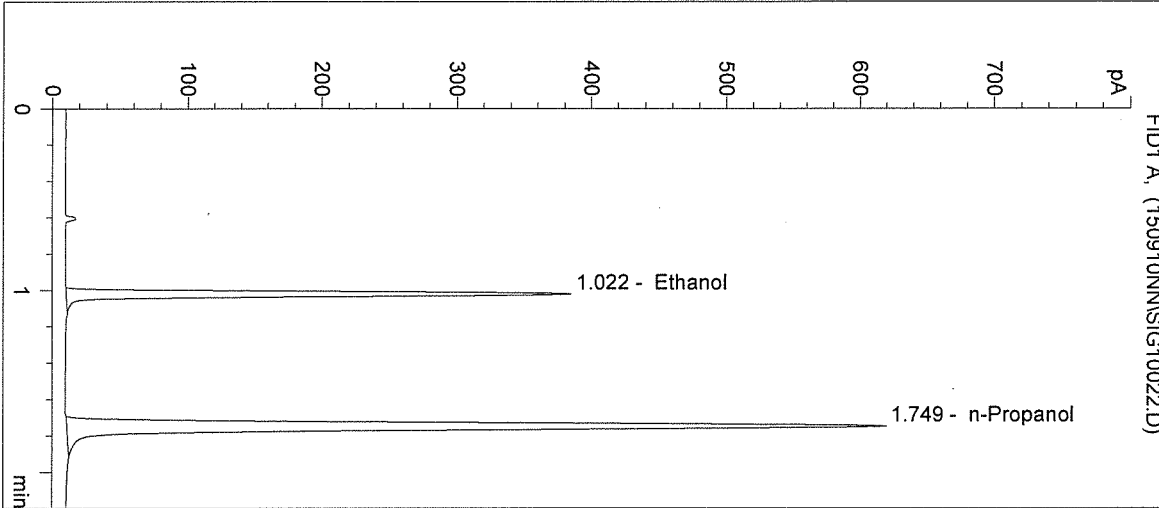
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2015 12:58:31 PM
Instrument: HSGC#3

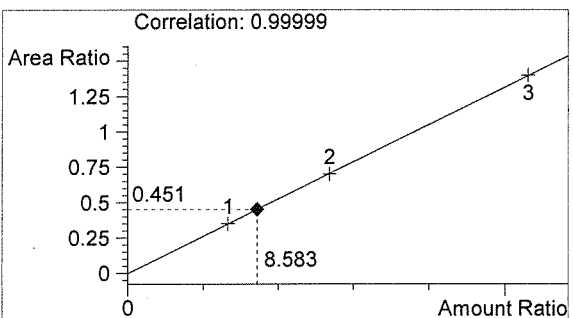
Sample Name: 0.10 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 22

Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

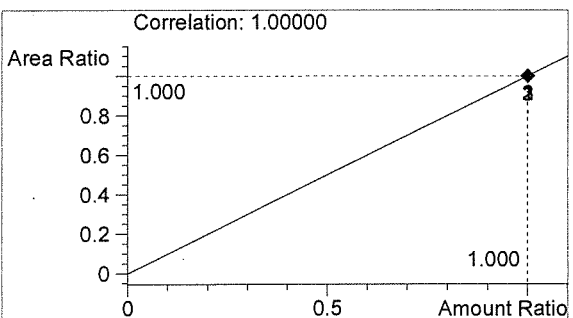
Sample Info: 15035



#	Compound	Peak Area	RT (min)
1	Ethanol	727	1.022
2	n-Propanol	1611	1.749



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

fr

MM

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

Inj. Date: 9/10/2015 1:01:44 PM

Sample Name: NEG CTRL

Instrument: HSGC#3

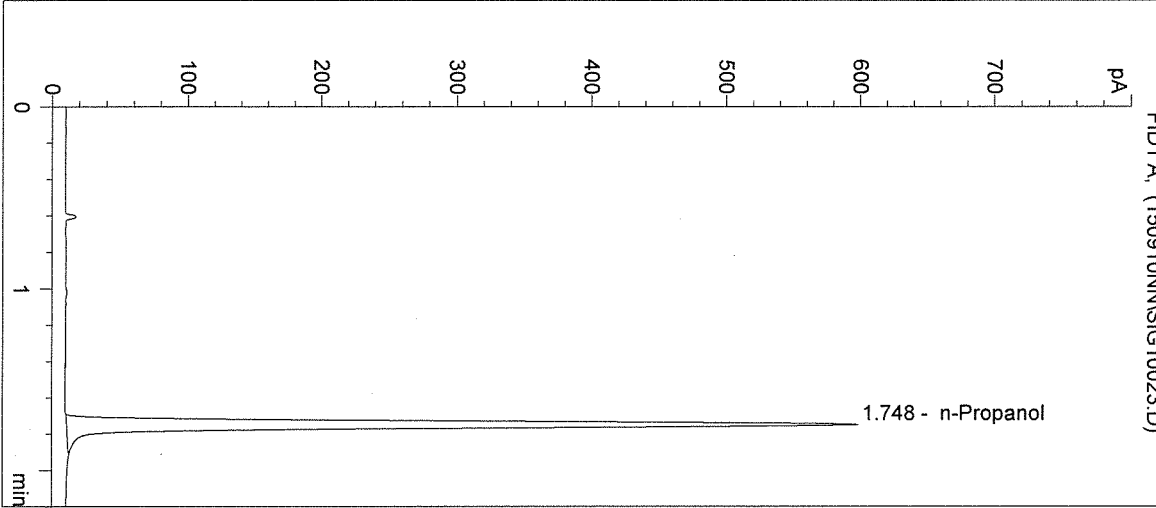
Operator: Naziha Nuwayhid, PhD

Column: DB-ALC2

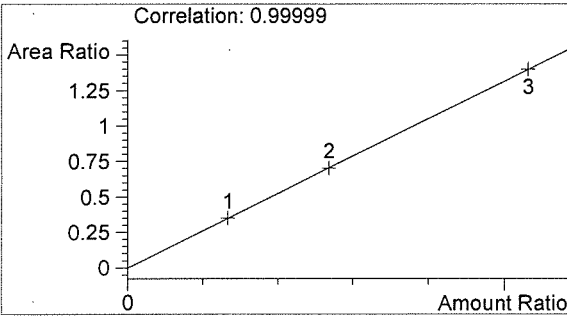
Location: Vial 23

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

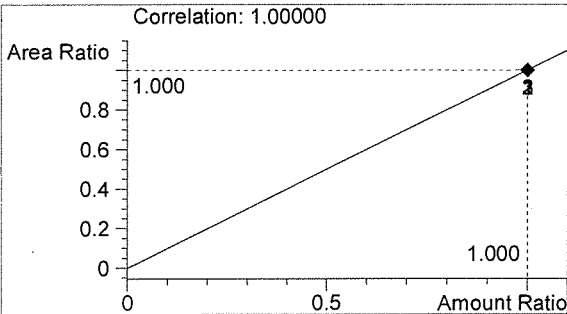
Sample Info: 15035



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1553	1.748



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature

Sequence Parameters:

Operator: Rebecca Flaherty
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 150911RF
 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. 12/2/2015
 Ethanol Calibrator 2, E0615-02 - Exp. 12/2/2015
 Ethanol Calibrator 3, E0615-03 - Exp. 12/2/2015
 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#P0715 - Exp. 10/27/15

Calibration vials 1-9 filed with 15034.

Run inadvertently stopped after vial 34 due to wrong vial count downloaded to auto sampler. changed to changed vial #s in autosampler control & sequence automatically resumed RF 9.11.15

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15034 #1	SIMALC3	1	Sample		
11	Vial 11	15034 #2	SIMALC3	1	Sample		
12	Vial 12	15034 #3	SIMALC3	1	Sample		
13	Vial 13	15034 #4	SIMALC3	1	Sample		
14	Vial 14	15034 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15035 #1	SIMALC3	1	Sample		
18	Vial 18	15035 #2	SIMALC3	1	Sample		
19	Vial 19	15035 #3	SIMALC3	1	Sample		
20	Vial 20	15035 #4	SIMALC3	1	Sample		
21	Vial 21	15035 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15036 #1	SIMALC3	1	Sample		
25	Vial 25	15036 #2	SIMALC3	1	Sample		
26	Vial 26	15036 #3	SIMALC3	1	Sample		

15035

RF 7/2/15

RF

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15036 #4	SIMALC3	1	Sample		
28	Vial 28	15036 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15037 #1	SIMALC3	1	Sample		
32	Vial 32	15037 #2	SIMALC3	1	Sample		
33	Vial 33	15037 #3	SIMALC3	1	Sample		
34	Vial 34	15037 #4	SIMALC3	1	Sample		
35	Vial 35	15037 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15038 #1	SIMALC3	1	Sample		
39	Vial 39	15038 #2	SIMALC3	1	Sample		
40	Vial 40	15038 #3	SIMALC3	1	Sample		
41	Vial 41	15038 #4	SIMALC3	1	Sample		
42	Vial 42	15038 #5	SIMALC3	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC3	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

15035
fragilis

RF

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

Inj. Date: 9/11/2015 1:14:28 PM

Sample Name: 15035 #1

Instrument: HSGC#3

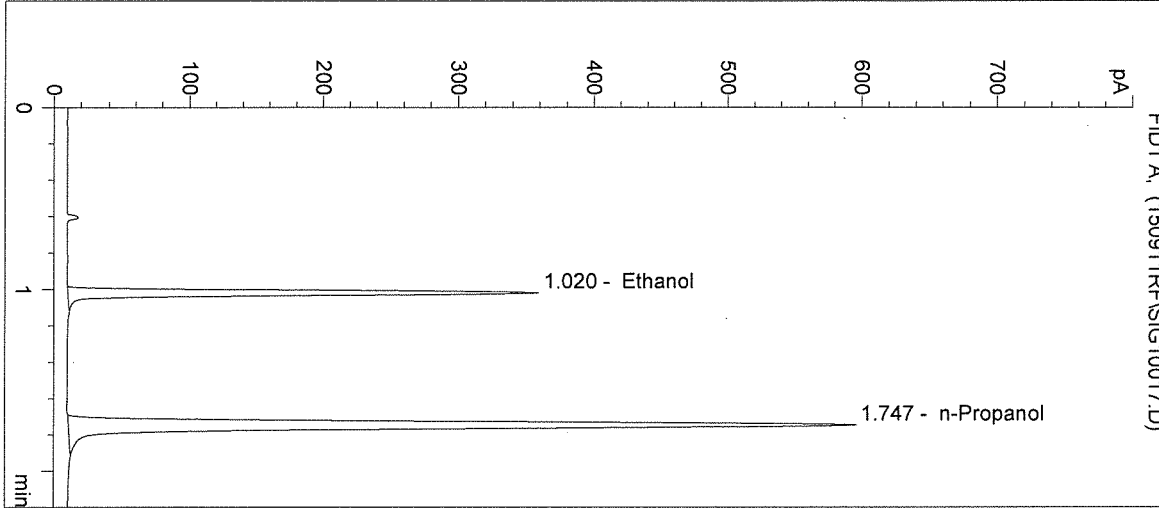
Operator: Rebecca Flaherty

Column: DB-ALC2

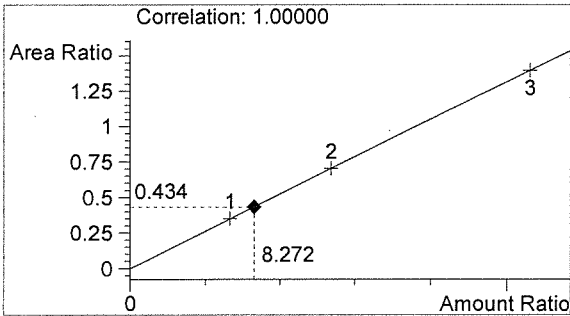
Location: Vial 17

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

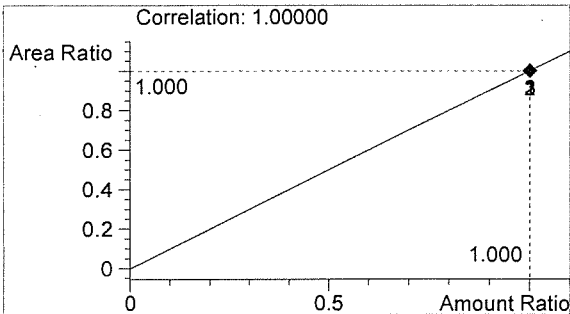
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	675	1.020
2	n-Propanol	1555	1.747



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

RF

RF

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

Inj. Date: 9/11/2015 1:17:41 PM

Sample Name: 15035 #2

Instrument: HSGC#3

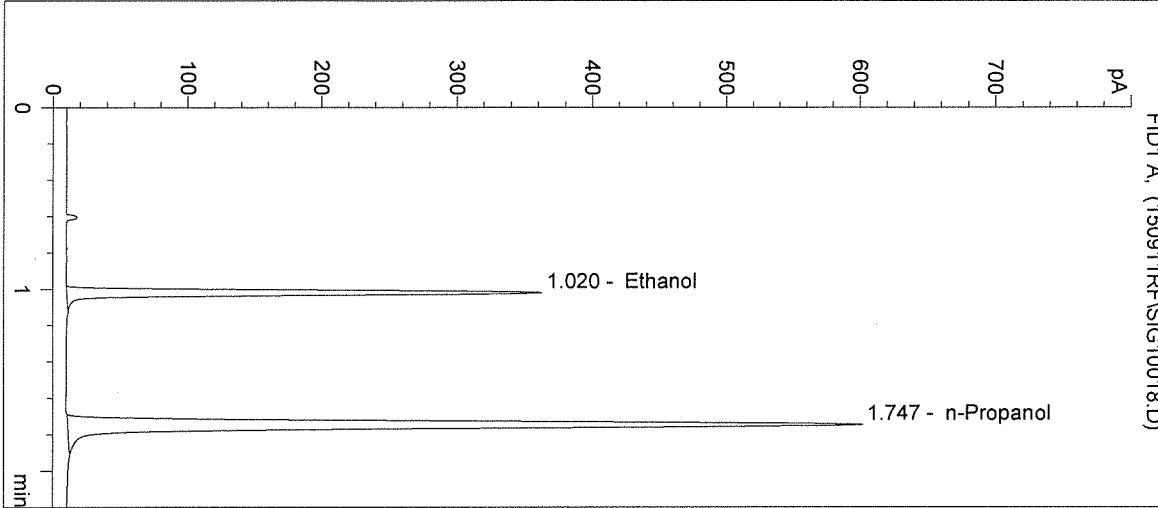
Operator: Rebecca Flaherty

Column: DB-ALC2

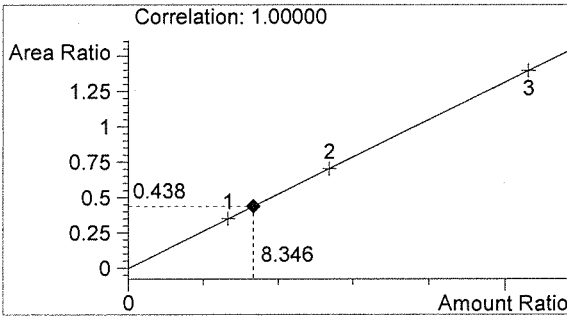
Location: Vial 18

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

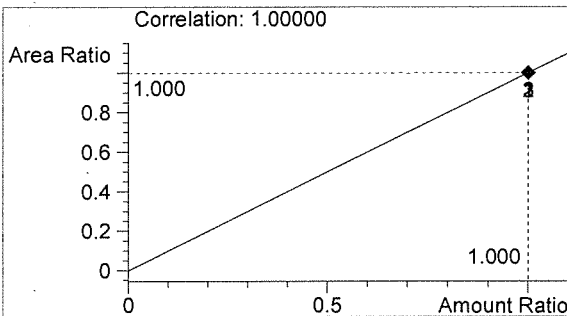
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	689	1.020
2	n-Propanol	1572	1.747



Ethanol 0.100 g/100mL



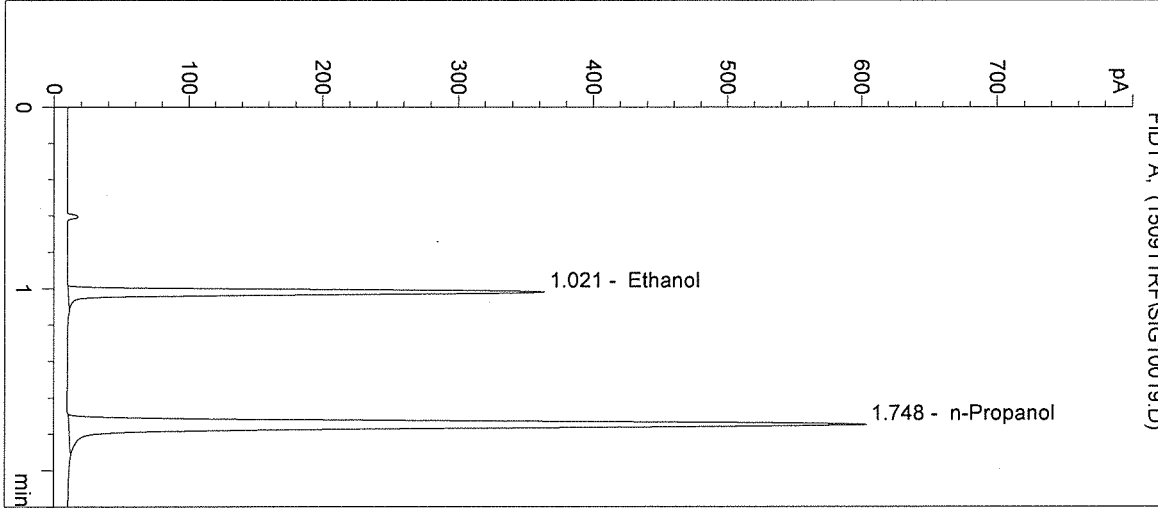
n-Propanol 0.012 g/100mL

RF

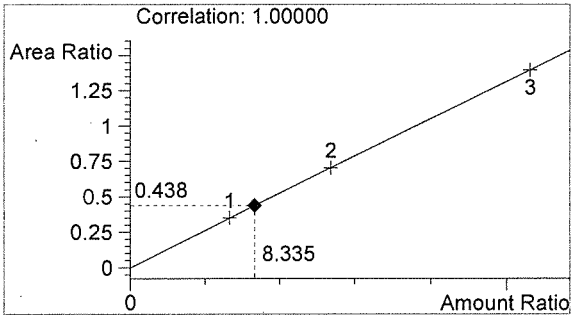
RF

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

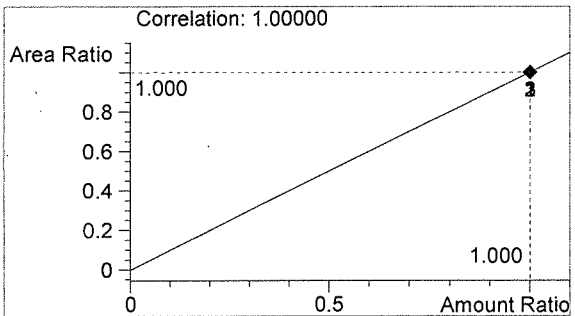
Inj. Date: 9/11/2015 1:20:55 PM Sample Name: 15035 #3
Instrument: HSGC#3 Operator: Rebecca Flaherty
Column: DB-ALC2 Location: Vial 19
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	691	1.021
2	n-Propanol	1579	1.748



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

RF

RF

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

Inj. Date: 9/11/2015 1:24:07 PM

Sample Name: 15035 #4

Instrument: HSGC#3

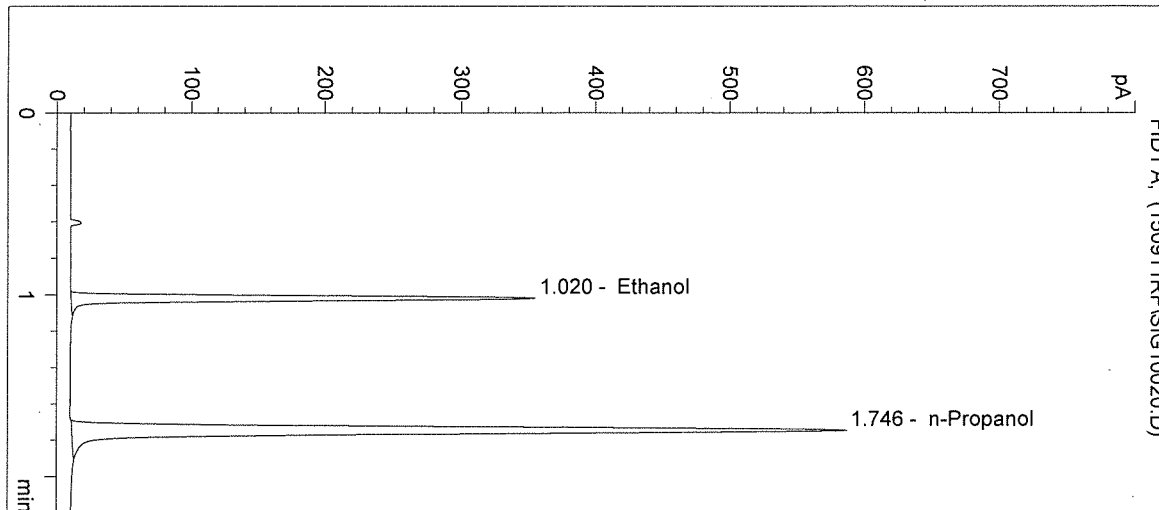
Operator: Rebecca Flaherty

Column: DB-ALC2

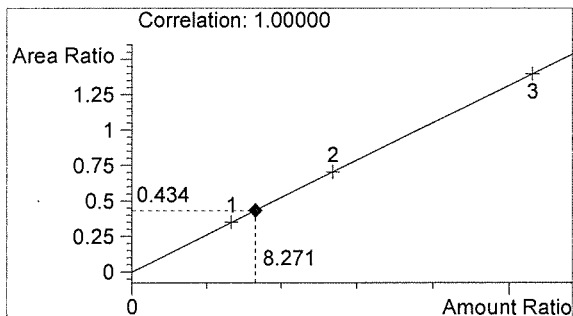
Location: Vial 20

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

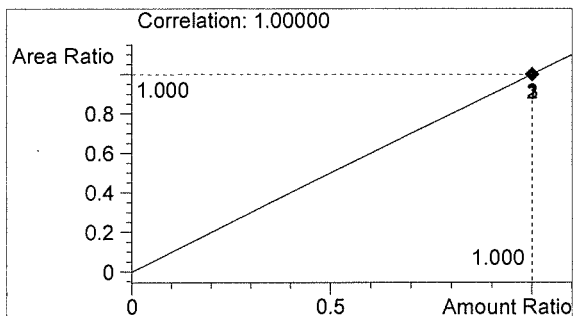
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	664	1.020
2	n-Propanol	1527	1.746



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

RF

RF

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

Inj. Date: 9/11/2015 1:27:21 PM

Sample Name: 15035 #5

Instrument: HSGC#3

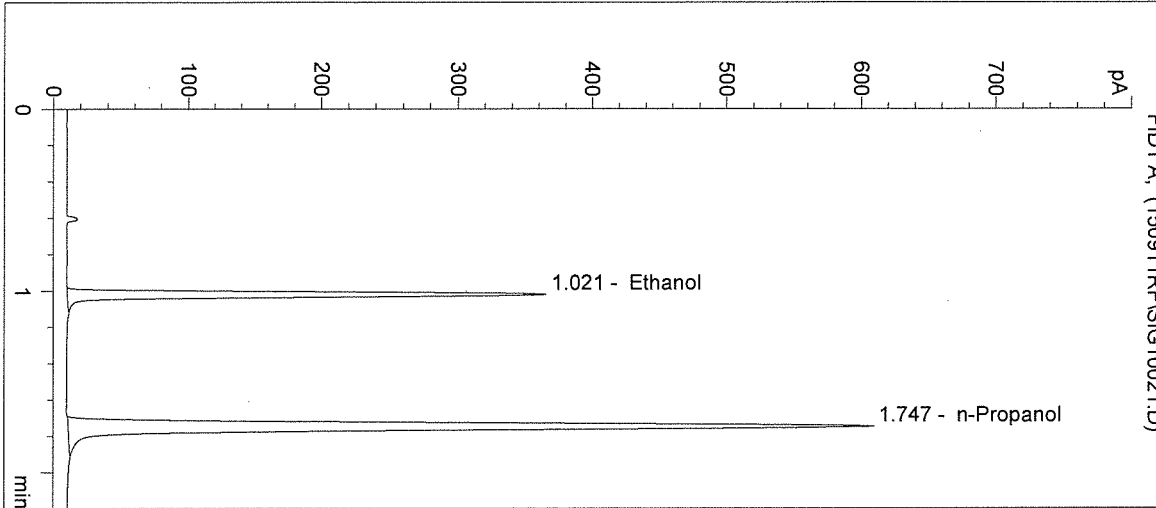
Operator: Rebecca Flaherty

Column: DB-ALC2

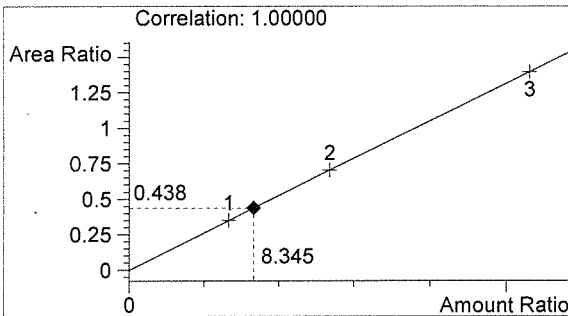
Location: Vial 21

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

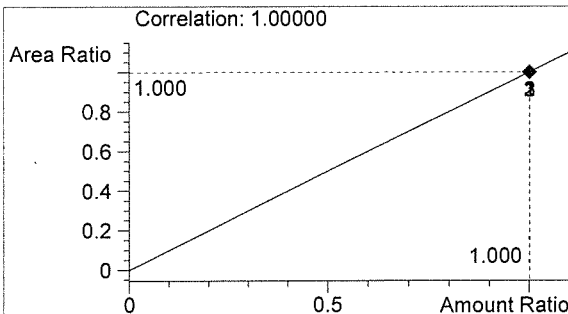
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.021
2	n-Propanol	1594	1.747



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

RF

RF

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

Inj. Date: 9/11/2015 1:30:34 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#3

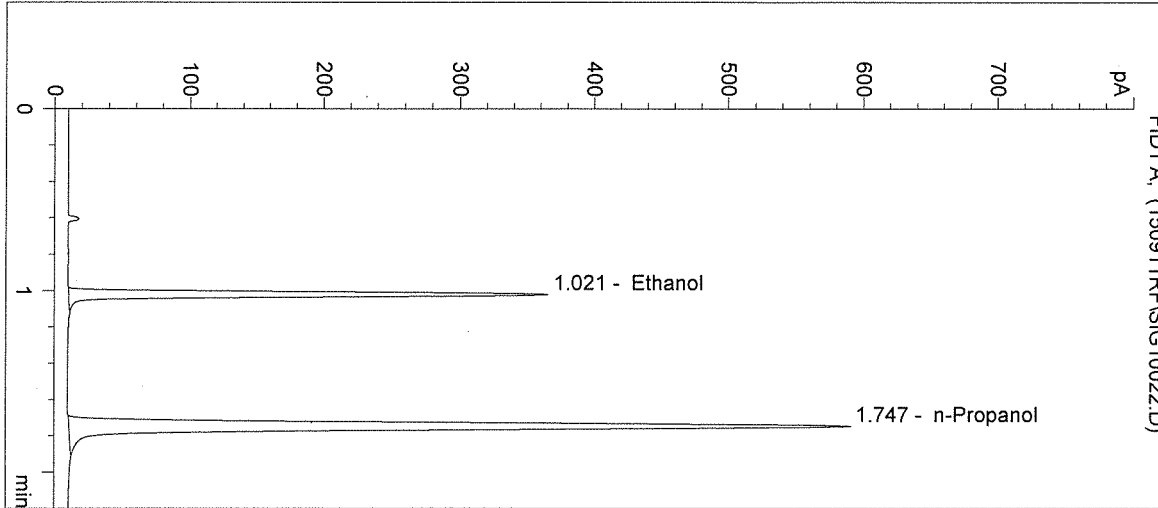
Operator: Rebecca Flaherty

Column: DB-ALC2

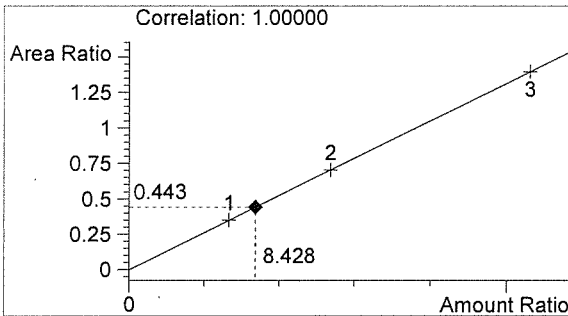
Location: Vial 22

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

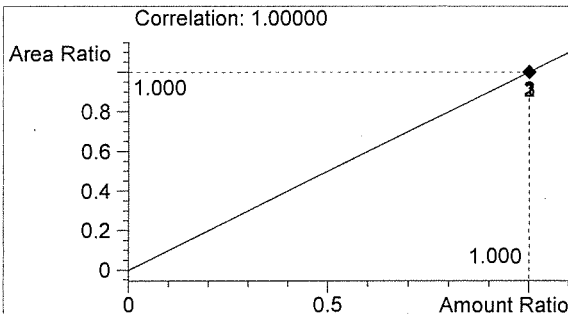
Sample Info: 15035



#	Compound	Peak Area	RT (min)
1	Ethanol	683	1.021
2	n-Propanol	1543	1.747



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

R

RF

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

Inj. Date: 9/11/2015 1:33:47 PM

Sample Name: NEG CTRL

Instrument: HSGC#3

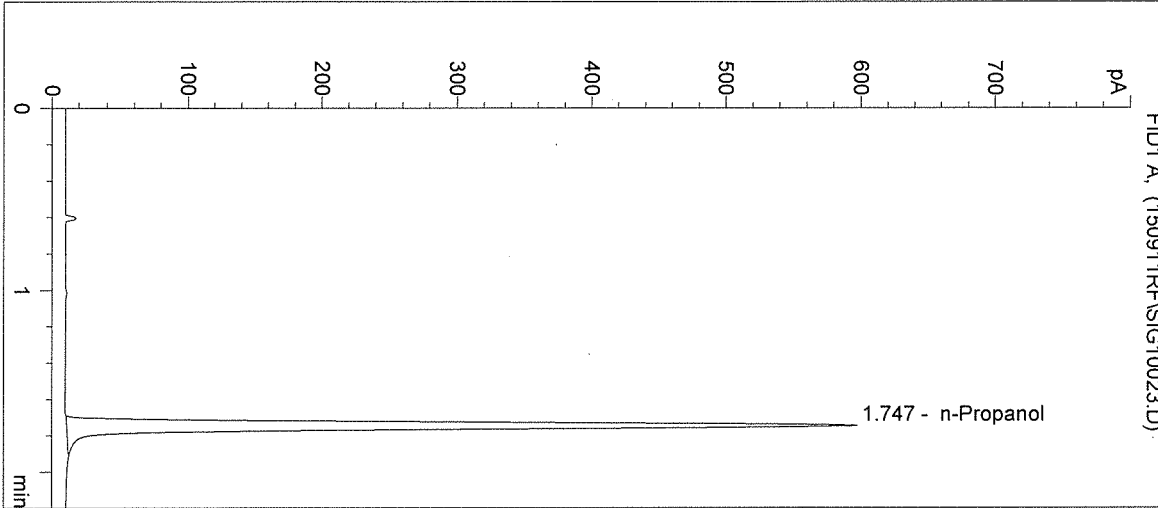
Operator: Rebecca Flaherty

Column: DB-ALC2

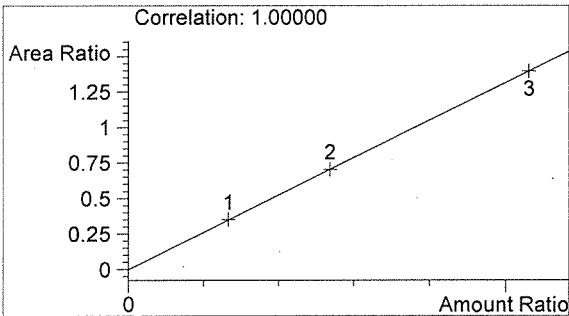
Location: Vial 23

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

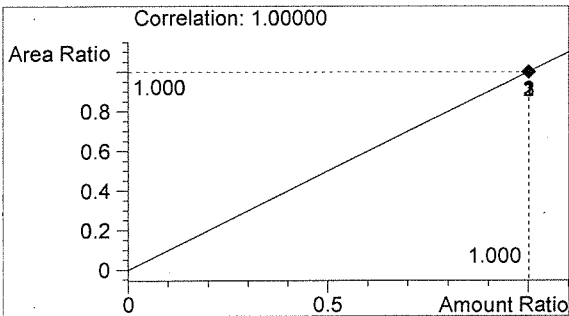
Sample Info: 15035



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1557	1.747



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

RF

RF

Sequence Parameters:

Operator: Amanda Chandler
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 150917AC
 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. 12/2/2015
 Ethanol Calibrator 2, E0615-02 - Exp. 12/2/2015
 Ethanol Calibrator 3, E0615-03 - Exp. 12/2/2015
 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#P0715 - Exp. 10/27/15

Calibration vials 1-9 filed with 15034.

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15034 #1	SIMALC3	1	Sample		
11	Vial 11	15034 #2	SIMALC3	1	Sample		
12	Vial 12	15034 #3	SIMALC3	1	Sample		
13	Vial 13	15034 #4	SIMALC3	1	Sample		
14	Vial 14	15034 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15035 #1	SIMALC3	1	Sample		
18	Vial 18	15035 #2	SIMALC3	1	Sample		
19	Vial 19	15035 #3	SIMALC3	1	Sample		
20	Vial 20	15035 #4	SIMALC3	1	Sample		
21	Vial 21	15035 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15036 #1	SIMALC3	1	Sample		
25	Vial 25	15036 #2	SIMALC3	1	Sample		
26	Vial 26	15036 #3	SIMALC3	1	Sample		

15035
 In 9/21/15

AC

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	15036 #4	SIMALC3	1	Sample		
28	Vial 28	15036 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15038 #1	SIMALC3	1	Sample		
32	Vial 32	15038 #2	SIMALC3	1	Sample		
33	Vial 33	15038 #3	SIMALC3	1	Sample		
34	Vial 34	15038 #4	SIMALC3	1	Sample		
35	Vial 35	15038 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		
38	Vial 38	15039 #1	SIMALC3	1	Sample		
39	Vial 39	15039 #2	SIMALC3	1	Sample		
40	Vial 40	15039 #3	SIMALC3	1	Sample		
41	Vial 41	15039 #4	SIMALC3	1	Sample		
42	Vial 42	15039 #5	SIMALC3	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC3	1	Ctrl Samp		
44	Vial 44	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

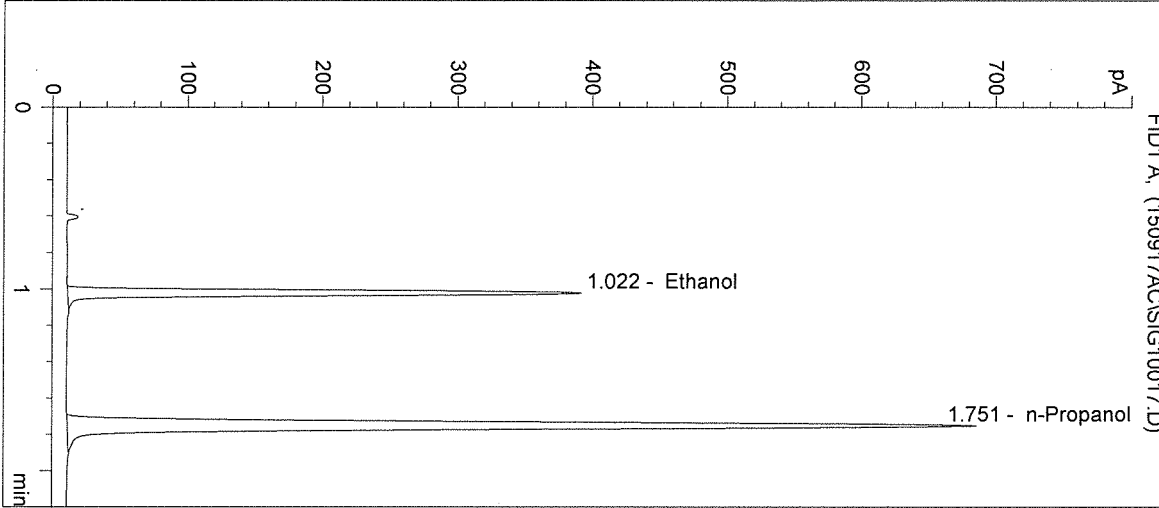
15035

Analisis

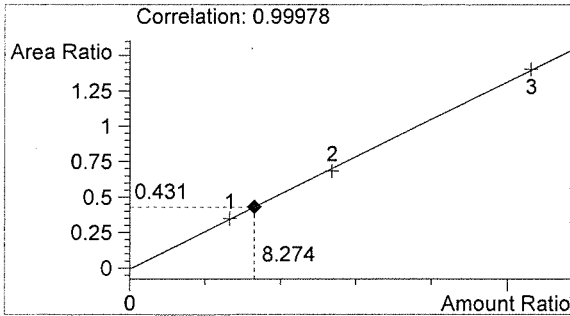
AL

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

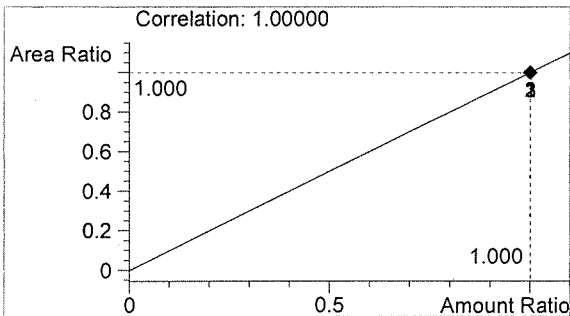
Inj. Date: 9/17/2015 12:09:05 PM Sample Name: 15035 #1
Instrument: HSGC#3 Operator: Amanda Chandler
Column: DB-ALC2 Location: Vial 17
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	786	1.022
2	n-Propanol	1825	1.751



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: 9/17/2015 12:12:19 PM

Sample Name: 15035 #2

Instrument: HSGC#3

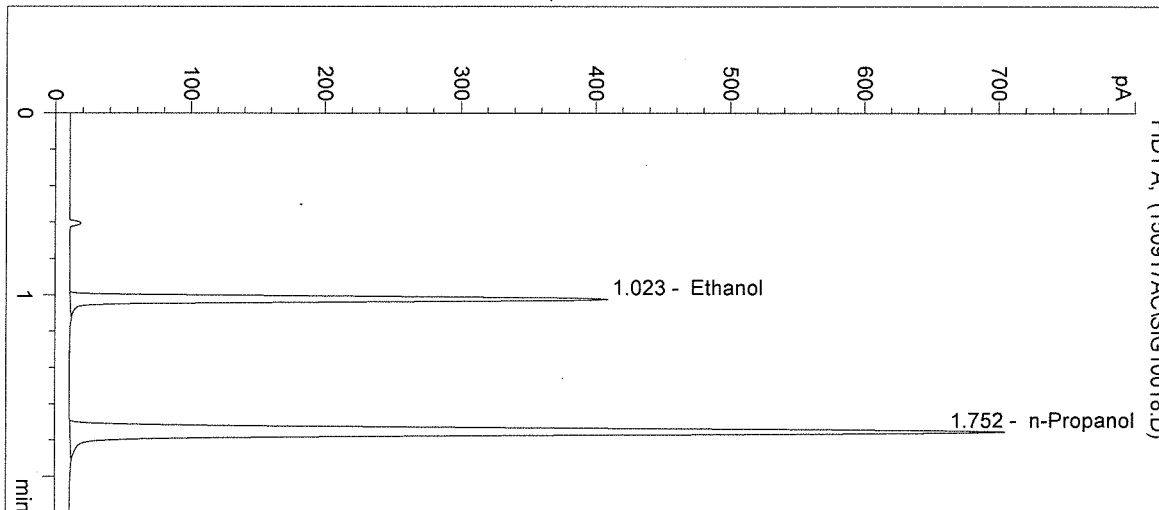
Operator: Amanda Chandler

Column: DB-ALC2

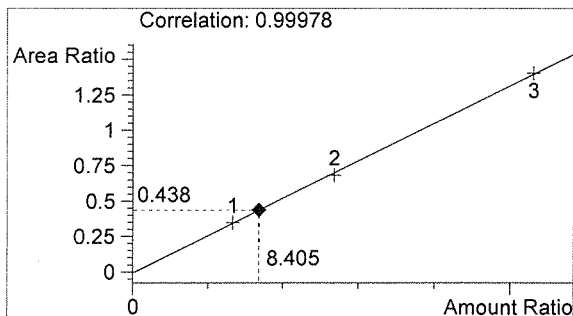
Location: Vial 18

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

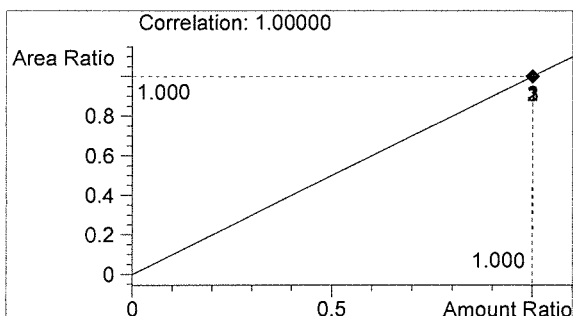
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	819	1.023
2	n-Propanol	1872	1.752



Ethanol 0.101 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: 9/17/2015 12:15:32 PM

Sample Name: 15035 #3

Instrument: HSGC#3

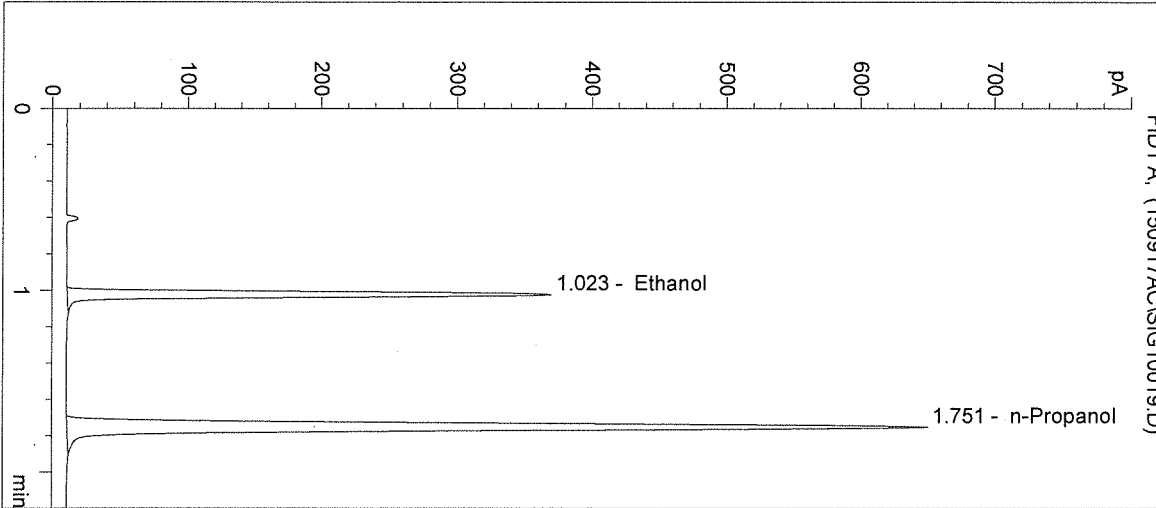
Operator: Amanda Chandler

Column: DB-ALC2

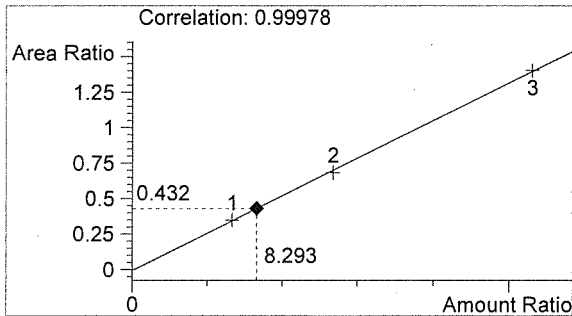
Location: Vial 19

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

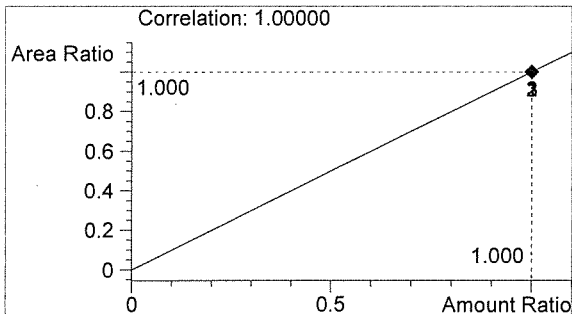
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	746	1.023
2	n-Propanol	1727	1.751



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: 9/17/2015 12:18:46 PM

Sample Name: 15035 #4

Instrument: HSGC#3

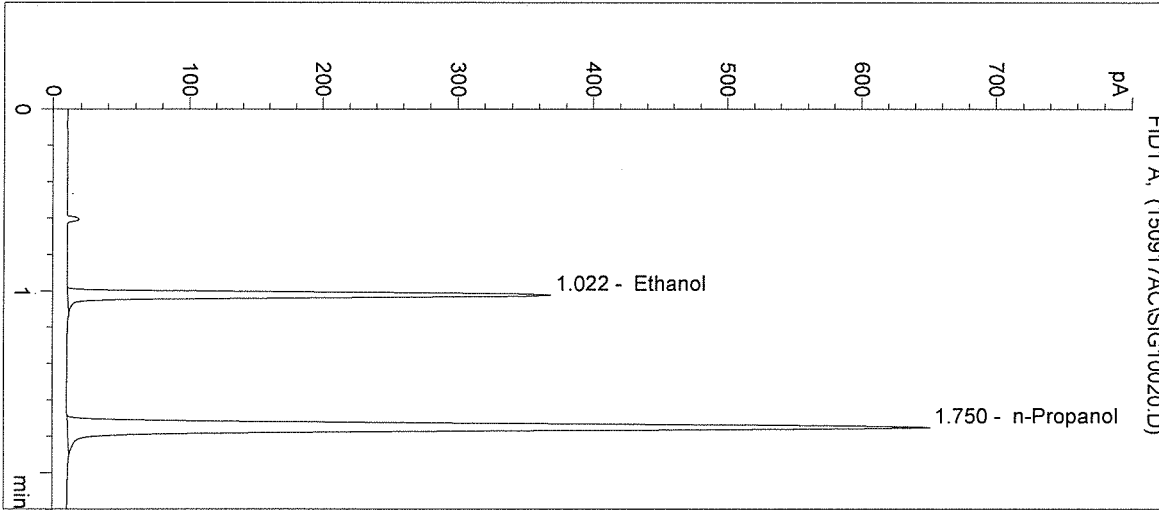
Operator: Amanda Chandler

Column: DB-ALC2

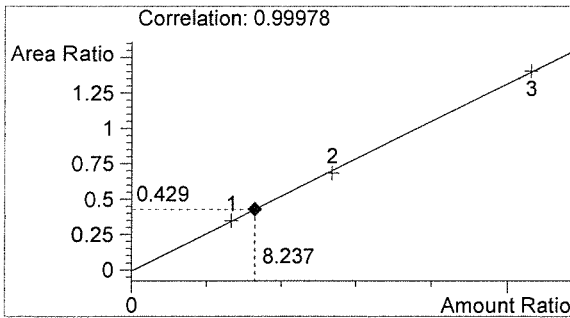
Location: Vial 20

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

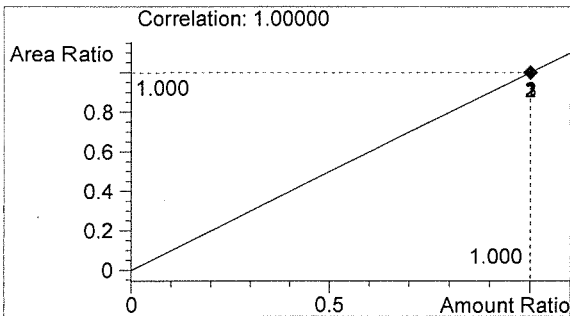
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	742	1.022
2	n-Propanol	1732	1.750



Ethanol 0.099 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: 9/17/2015 12:21:59 PM

Sample Name: 15035 #5

Instrument: HSGC#3

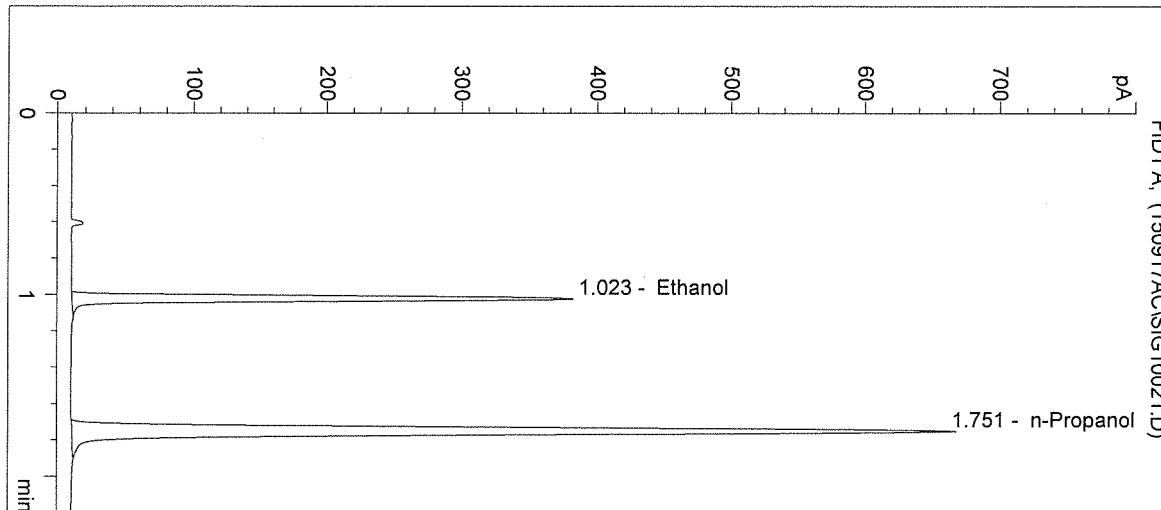
Operator: Amanda Chandler

Column: DB-ALC2

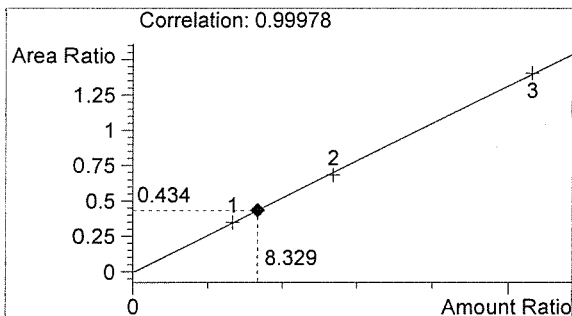
Location: Vial 21

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

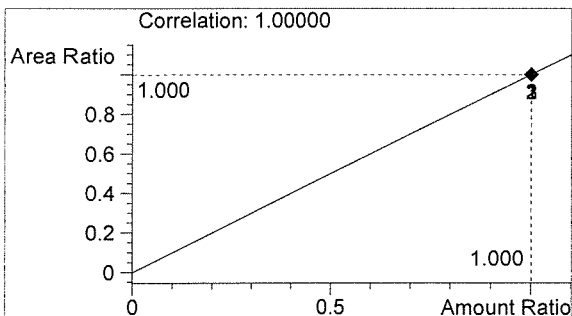
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	771	1.023
2	n-Propanol	1779	1.751



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

R

AR

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

Inj. Date: 9/17/2015 12:25:12 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#3

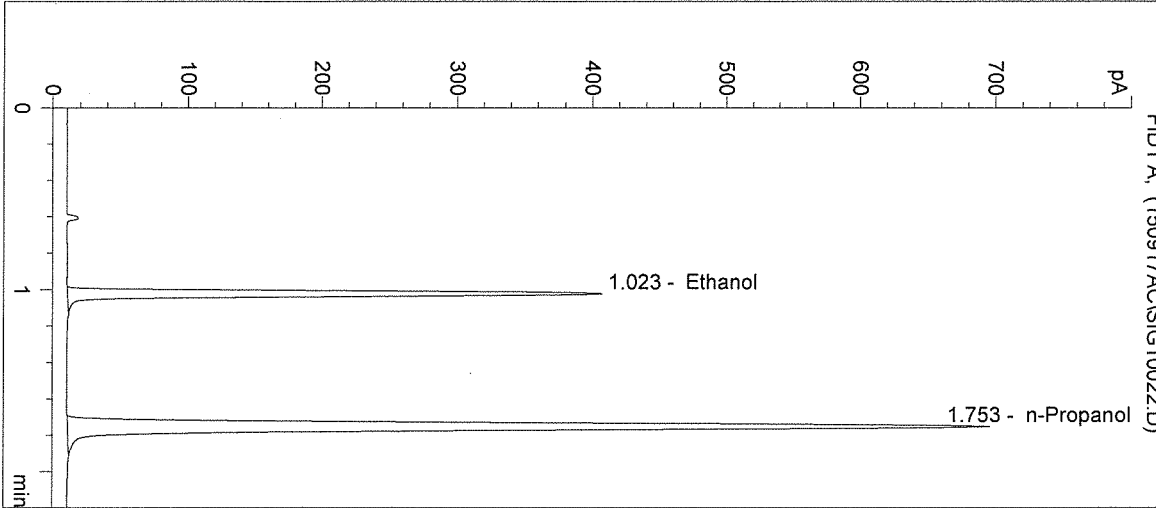
Operator: Amanda Chandler

Column: DB-ALC2

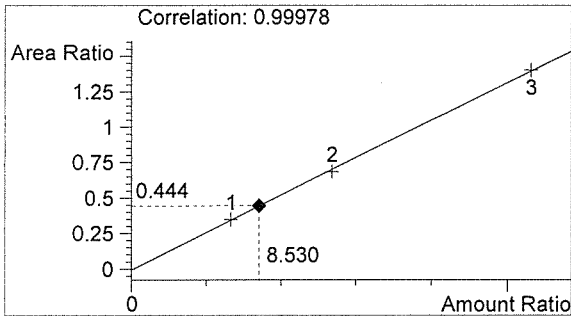
Location: Vial 22

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

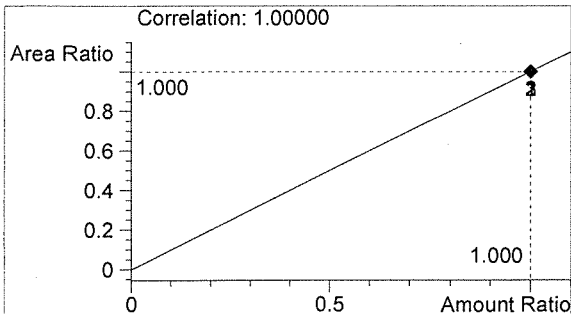
Sample Info: 15035



#	Compound	Peak Area	RT (min)
1	Ethanol	824	1.023
2	n-Propanol	1855	1.753



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

R

AR

Inj. Date: 9/17/2015 12:28:26 PM

Sample Name: NEG CTRL

Instrument: HSGC#3

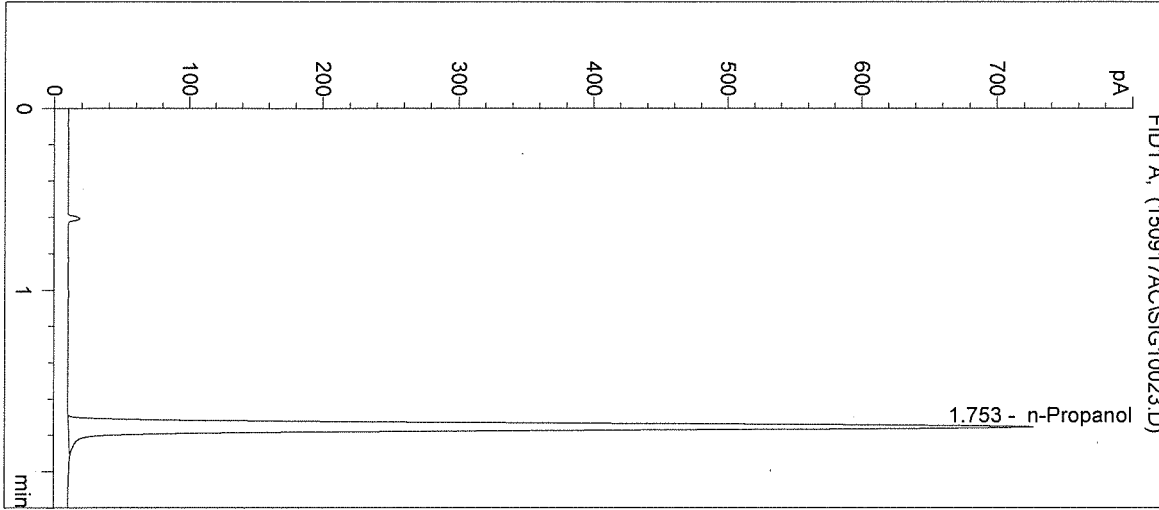
Operator: Amanda Chandler

Column: DB-ALC2

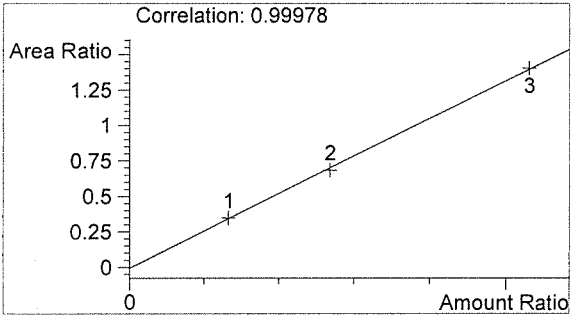
Location: Vial 23

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

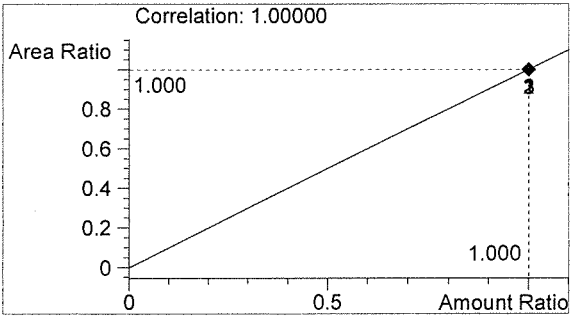
Sample Info: 15035



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1938	1.753



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten signature