Worklist: 3426

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2019-1436	1	151221	Alcohol Analysis
P2019-1446	1	151360	Alcohol Analysis
P2019-1449	1	151492	Alcohol Analysis
P2019-1465	1	151612	Alcohol Analysis
P2019-1482	1	151741	Alcohol Analysis
P2019-1497	1	151803	Alcohol Analysis
P2019-1501	1	151822	Alcohol Analysis
P2019-1513	1	151924	Alcohol Analysis
P2019-1514	1	151928	Alcohol Analysis
P2019-1516	1	151939	Alcohol Analysis
P2019-1524	1	151952	Alcohol Analysis
P2019-1528	1	151998	Alcohol Analysis
P2019-1529	1	151999	Alcohol Analysis
P2019-1547	1	152262	Alcohol Analysis
P2019-1561	2	152308	Alcohol Analysis
P2019-1563	1	152345	Alcohol Analysis
P2019-1564	1	152346	Alcohol Analysis
P2019-1597	1	152482	Alcohol Analysis
P2019-1600	1	152490	Alcohol Analysis
P2019-1605	1	152565	Alcohol Analysis
P2019-1619	1	152674	Alcohol Analysis
P2019-1620	1	152675	Alcohol Analysis
P2019-1635	2	152805	Alcohol Analysis

Worklist: 3426

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2019-1645	1	152832	Alcohol Analysis

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: MD96JF1032

Volatiles Quality Assurance Controls **Run Date(s): 05/31/2019**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0760 g/100cc
					0.0790 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1963 g/100cc
					0.2016 g/100cc
					g/100cc

Multi-Component mixture:		Lot #	11918	
Curve Fit:	Column 1	0.99999	Column2	0.99994

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0503	0.0486	0.0017	0.0494
100	0.100	0.090 - 0.110	0.0993	0.0967	0.0026	0.098
200	0.200	0.180 - 0.220	0.1991	0.1967	0.0024	0.1979
300	0.300	0.270 - 0.330	0.2987	0.2971	0.0016	0.2979
500	0.500	0.450 - 0.550	0.5013	0.5039	0.0026	0.5026

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.078 g/100cc

RC

Revision: 1
Issue Date: 01/03/2019
Issuing Authority: Quality Manager

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, May 31, 2019 11:34:28 AM
Signals calculated separately : No

Rel. Reference Window : 0.000 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.000 %
Abs. Non-ref. Window : 0.100 min
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Forced
Weight : Equal

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100cc]	Name
1	1.00000	n-Propanol
2	1.00000	n-Propanol

Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

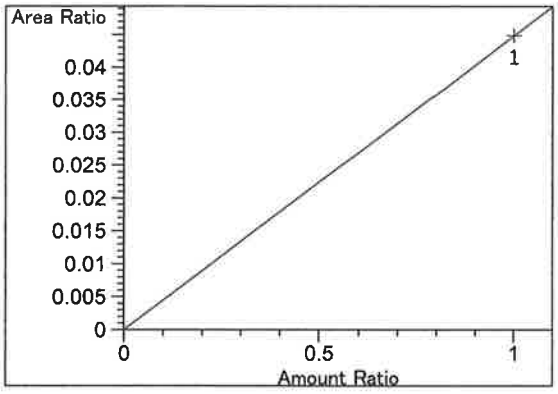
Overview Table

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.311	2	1	1.00000	6.45200	1.54991e-1	No	No	2	Fluorinated ethane
2.365	1	1	1.00000	1.84105	5.43168e-1	No	No	1	Fluorinated ethane
2.685	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.950	2	1	1.00000	11.54700	8.66026e-2	No	No	2	Acetaldehyde
2.975	1	1	1.00000	10.52400	9.50209e-2	No	No	1	Acetaldehyde
3.320	1	1	5.00000e-2	12.08946	4.13583e-3	No	No	1	Ethanol
		2	1.00000e-1	24.37817	4.10203e-3				
		3	2.00000e-1	48.10794	4.15732e-3				
		4	3.00000e-1	74.20697	4.04275e-3				
		5	5.00000e-1	124.01996	4.03161e-3				
3.372	2	1	1.00000	4.26062	2.34707e-1	No	No	2	Methanol
3.993	1	1	1.00000	9.73055	1.02769e-1	No	No	1	Isopropyl alcohol
4.325	2	1	5.00000e-2	11.22659	4.45371e-3	No	No	2	Ethanol
		2	1.00000e-1	22.87001	4.37254e-3				
		3	2.00000e-1	45.54925	4.39085e-3				
		4	3.00000e-1	70.56647	4.25131e-3				
		5	5.00000e-1	118.60630	4.21563e-3				
4.704	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.853	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
5.050	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
5.263	1	1	1.00000	149.94249	6.66922e-3	No	Yes	1	n-Propanol
		2	1.00000	153.32658	6.52203e-3				
		3	1.00000	150.87413	6.62804e-3				
		4	1.00000	155.14395	6.44563e-3				
		5	1.00000	154.47978	6.47334e-3				
		6	1.00000	111.45872	8.97193e-3				
7.659	2	1	1.00000	5.98700	1.67029e-1	No	No	2	Ethyl Acetate
7.768	2	1	1.00000	143.82805	6.95275e-3	No	Yes	2	n-Propanol
		2	1.00000	147.11859	6.79724e-3				
		3	1.00000	144.02092	6.94344e-3				
		4	1.00000	147.76996	6.76728e-3				
		5	1.00000	146.43721	6.82887e-3				
		6	1.00000	113.50471	8.81021e-3				
8.420	1	1	1.00000	5.56500	1.79695e-1	No	No	1	Ethyl Acetate
11.631	2	1	1.00000	864.84247	1.15628e-3	No	No	2	Toluene
12.229	1	1	1.00000	918.48389	1.08875e-3	No	No	1	Toluene

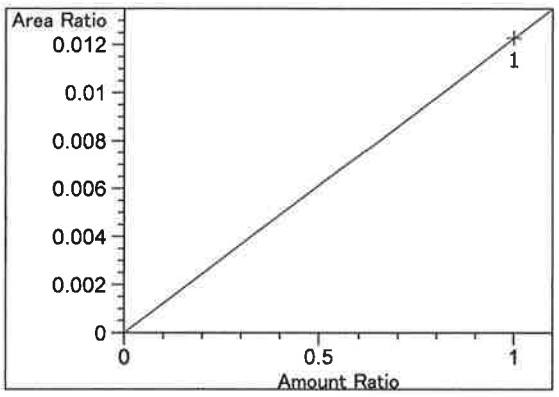
Peak Sum Table

No Entries in table

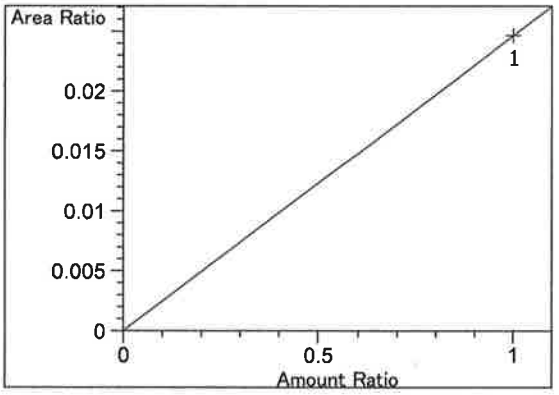
Calibration Curves



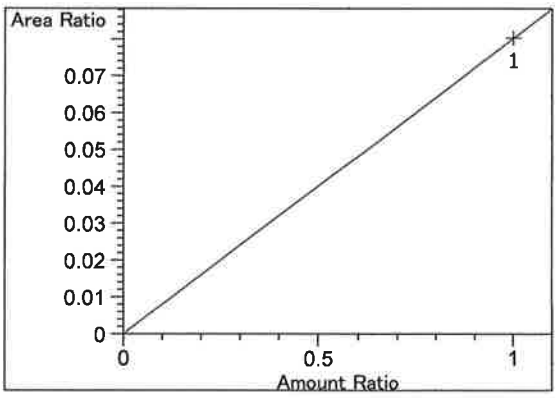
Fluorinated ethane at exp. RT: 2.311
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.48591e-2
x: Amount Ratio
y: Area Ratio



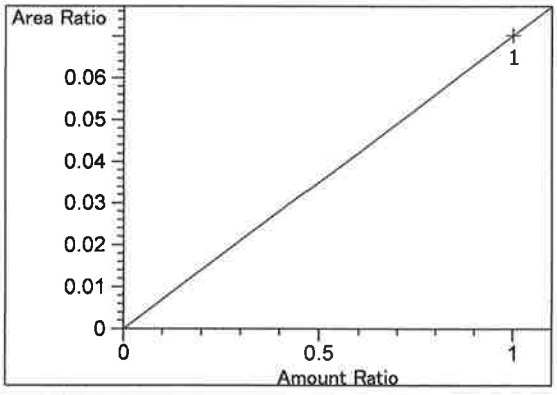
Fluorinated ethane at exp. RT: 2.365
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.22784e-2
x: Amount Ratio
y: Area Ratio



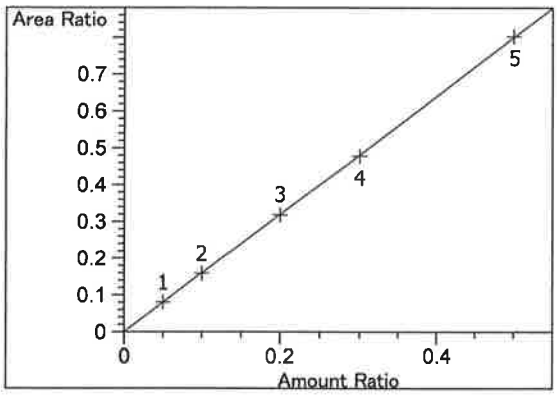
Methanol at exp. RT: 2.685
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.46541e-2
x: Amount Ratio
y: Area Ratio



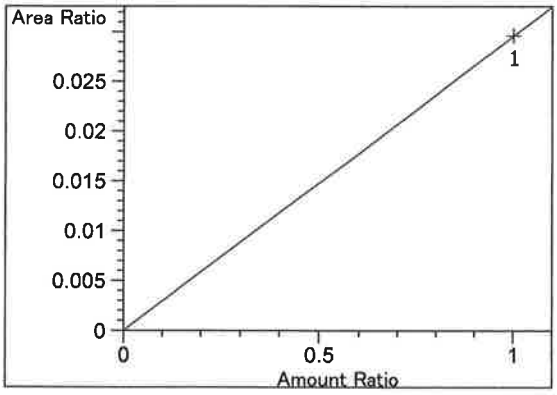
Acetaldehyde at exp. RT: 2.950
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.02834e-2
x: Amount Ratio
y: Area Ratio



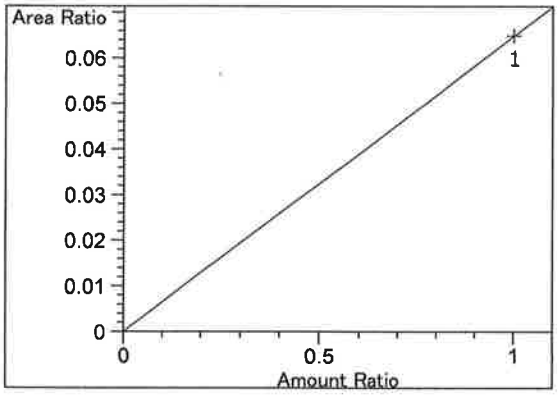
Acetaldehyde at exp. RT: 2.975
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.01869e-2
x: Amount Ratio
y: Area Ratio



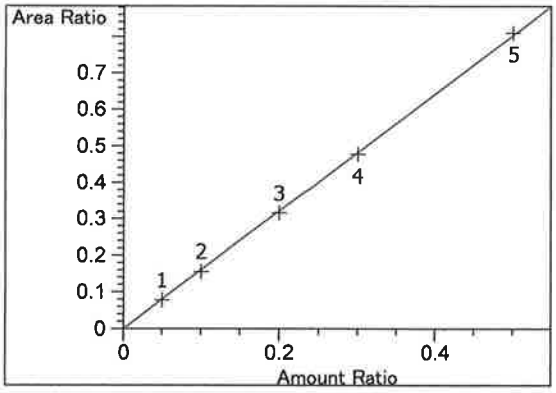
Ethanol at exp. RT: 3.320
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00177
Formula: y = mx
m: 1.60155
x: Amount Ratio
y: Area Ratio



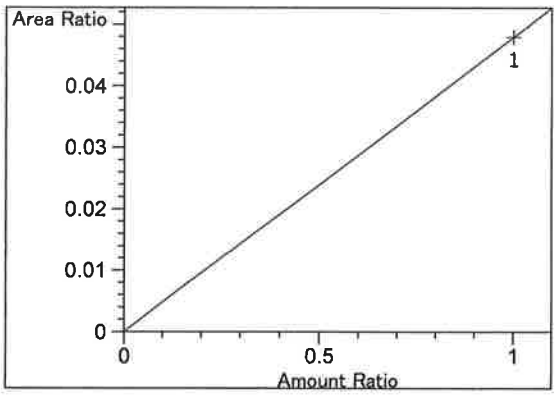
Methanol at exp. RT: 3.372
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.96230e-2
x: Amount Ratio
y: Area Ratio



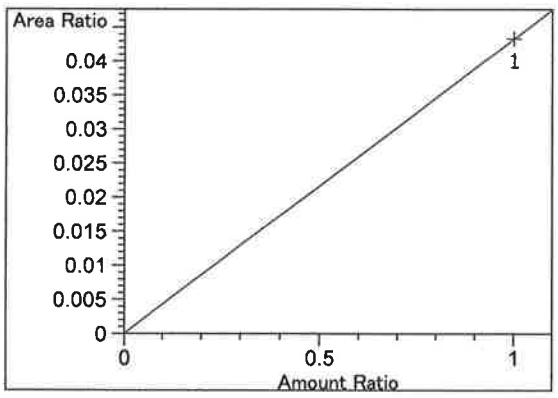
Isopropyl alcohol at exp. RT: 3.993
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.48952e-2
x: Amount Ratio
y: Area Ratio



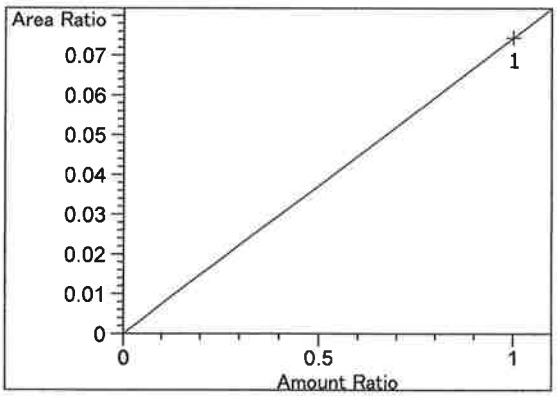
Ethanol at exp. RT: 4.325
FID2 B, Back Signal
Correlation: 0.99994
Residual Std. Dev.: 0.00551
Formula: y = mx
m: 1.60748
x: Amount Ratio
y: Area Ratio



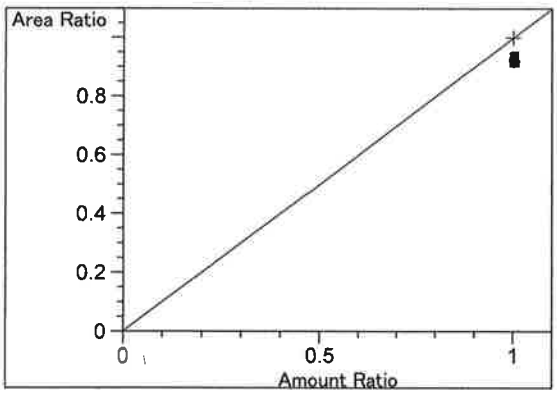
Acetone at exp. RT: 4.704
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.79254e-2
x: Amount Ratio
y: Area Ratio



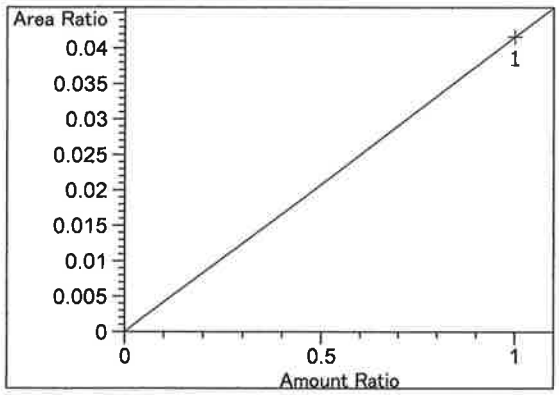
Acetone at exp. RT: 4.853
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.33460e-2
x: Amount Ratio
y: Area Ratio



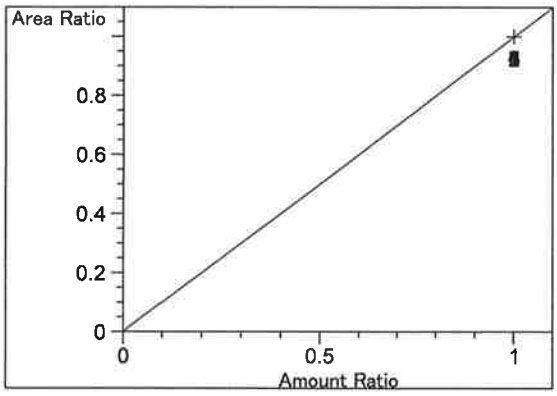
Isopropyl alcohol at exp. RT: 5.050
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.44390e-2
x: Amount Ratio
y: Area Ratio



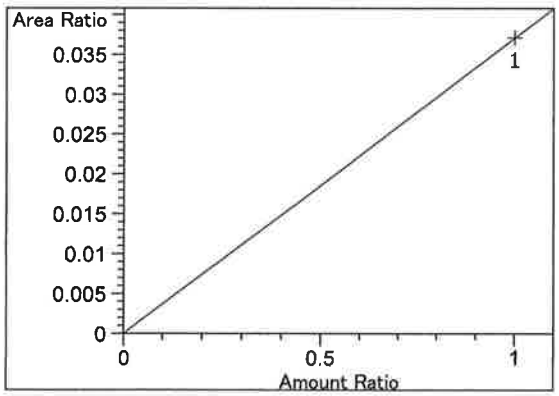
n-Propanol at exp. RT: 5.263
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



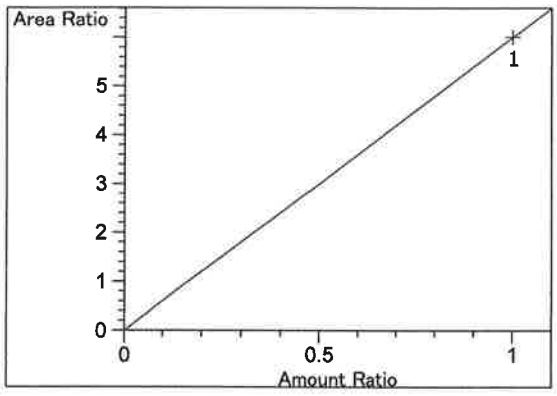
Ethyl Acetate at exp. RT: 7.659
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.16261e-2
x: Amount Ratio
y: Area Ratio



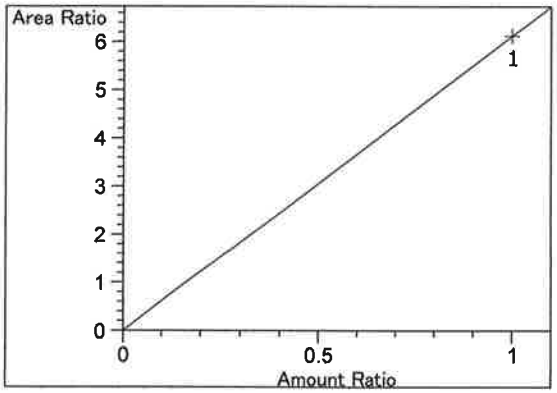
n-Propanol at exp. RT: 7.768
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



Ethyl Acetate at exp. RT: 8.420
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.71142e-2
x: Amount Ratio
y: Area Ratio



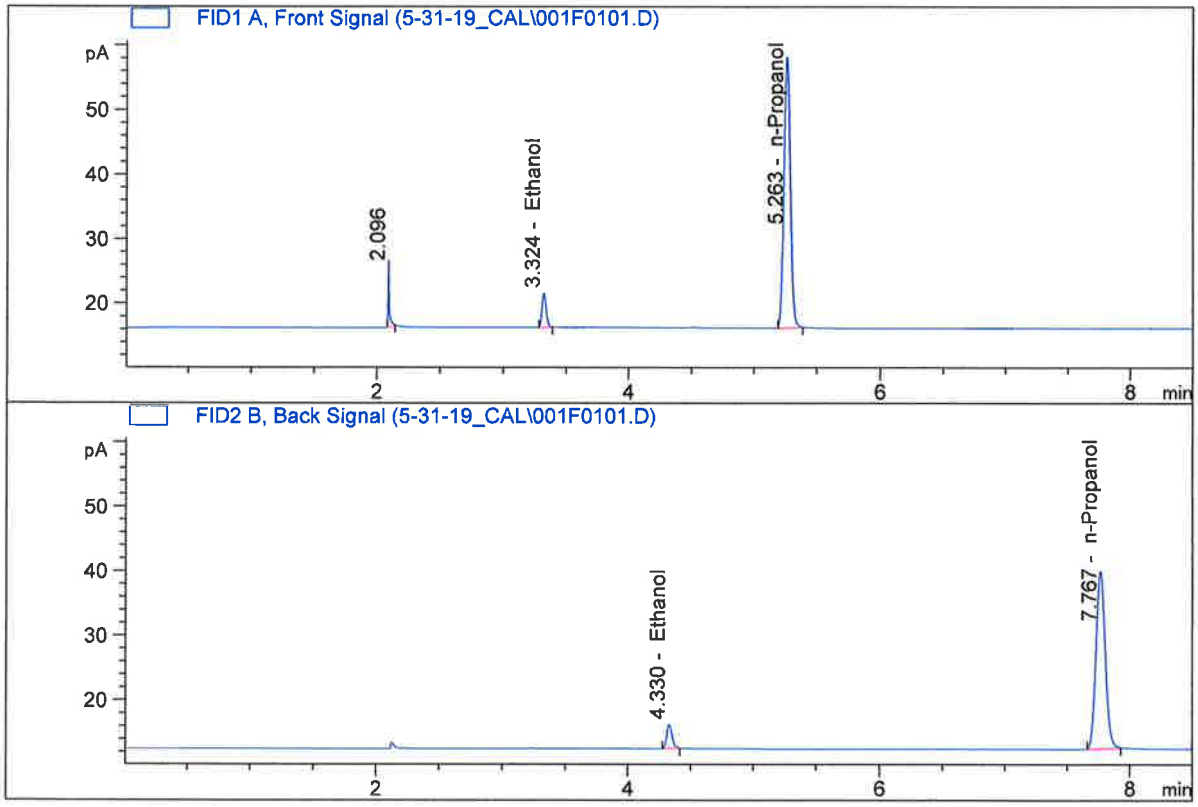
Toluene at exp. RT: 11.631
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.01303
x: Amount Ratio
y: Area Ratio



Toluene at exp. RT: 12.229
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.12557
x: Amount Ratio
y: Area Ratio

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

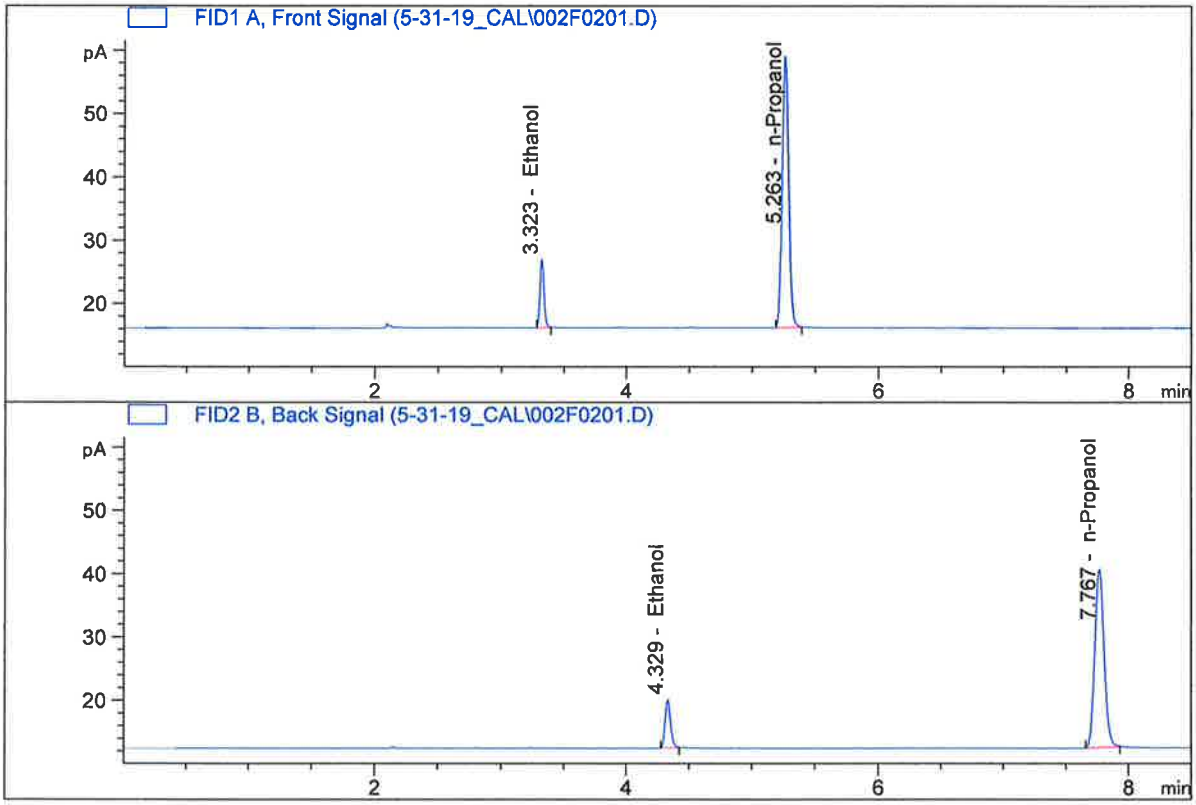


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.08946	0.0503	g/100cc
2.	Ethanol	Column 2:	11.22659	0.0486	g/100cc
3.	n-Propanol	Column 1:	149.94249	1.0000	g/100cc
4.	n-Propanol	Column 2:	143.82805	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

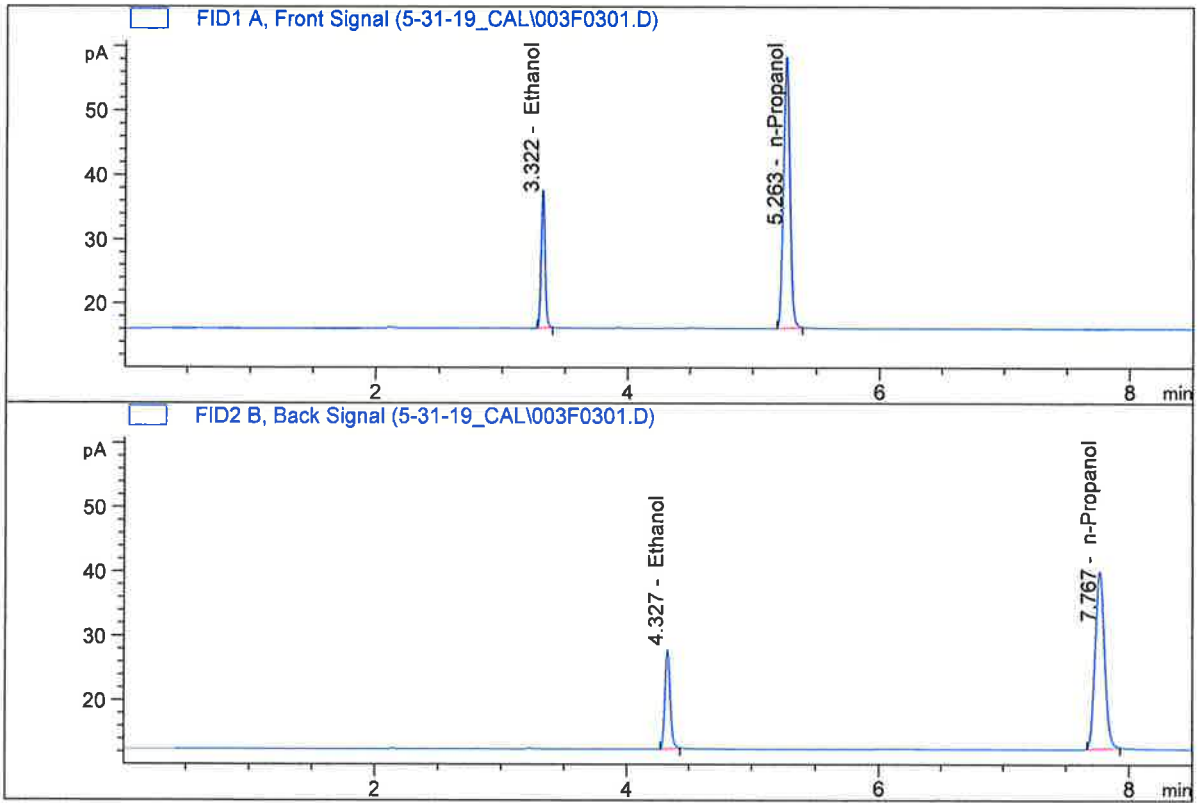
Sample Name : 0.100
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	24.37817	0.0993	g/100cc
2.	Ethanol	Column 2:	22.87001	0.0967	g/100cc
3.	n-Propanol	Column 1:	153.32658	1.0000	g/100cc
4.	n-Propanol	Column 2:	147.11859	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

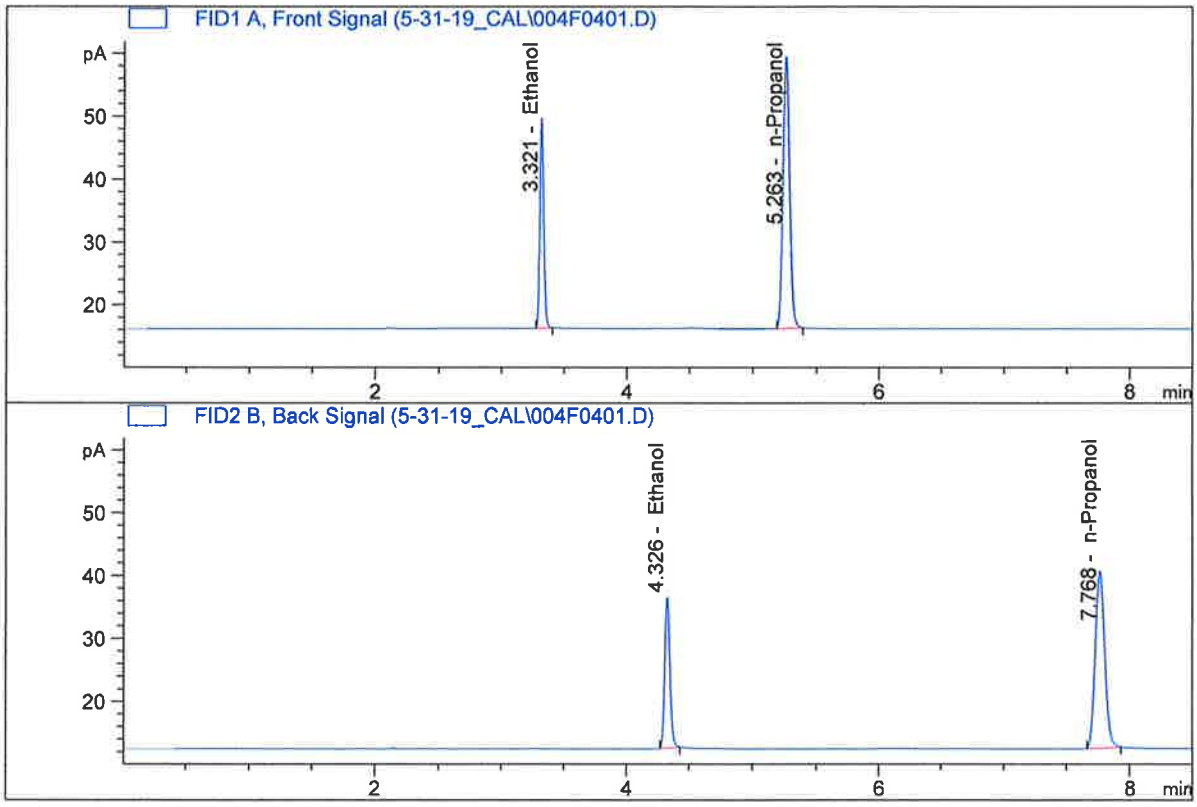
Sample Name : 0.200
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	48.10794	0.1991	g/100cc
2.	Ethanol	Column 2:	45.54925	0.1967	g/100cc
3.	n-Propanol	Column 1:	150.87413	1.0000	g/100cc
4.	n-Propanol	Column 2:	144.02092	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

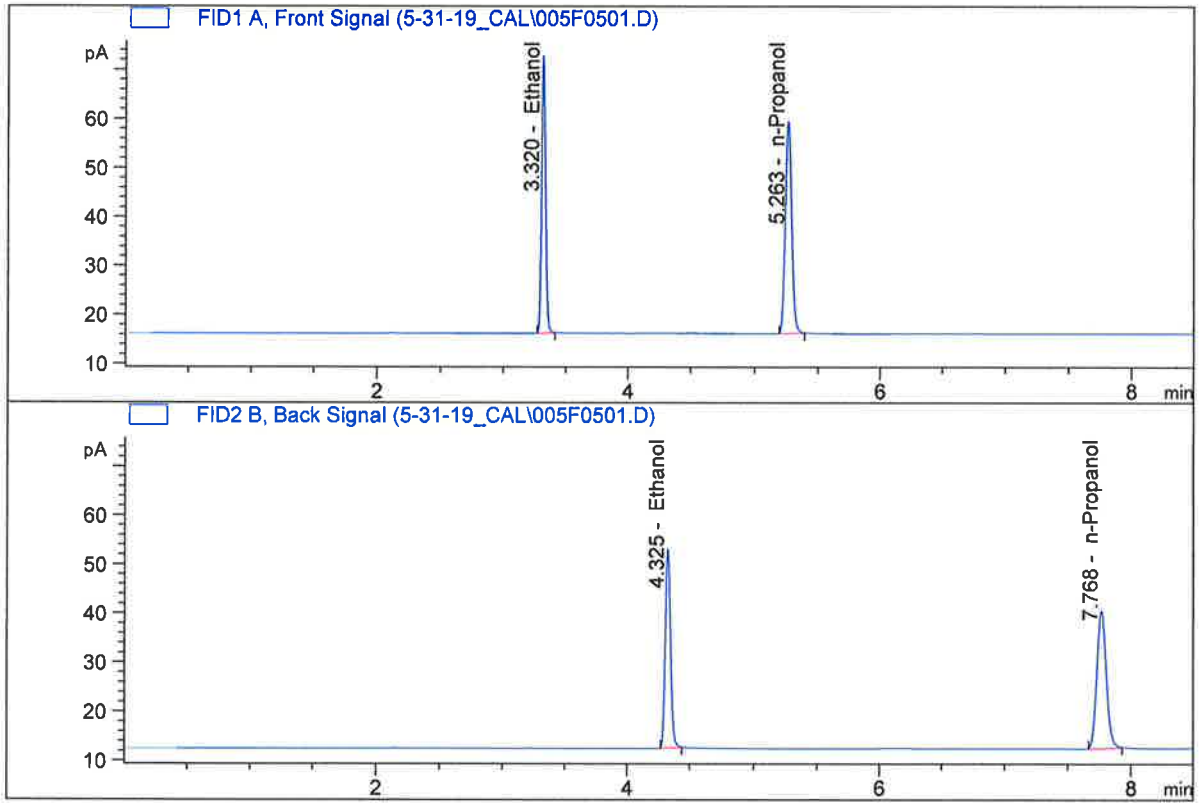


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	74.20697	0.2987	g/100cc
2.	Ethanol	Column 2:	70.56647	0.2971	g/100cc
3.	n-Propanol	Column 1:	155.14395	1.0000	g/100cc
4.	n-Propanol	Column 2:	147.76996	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

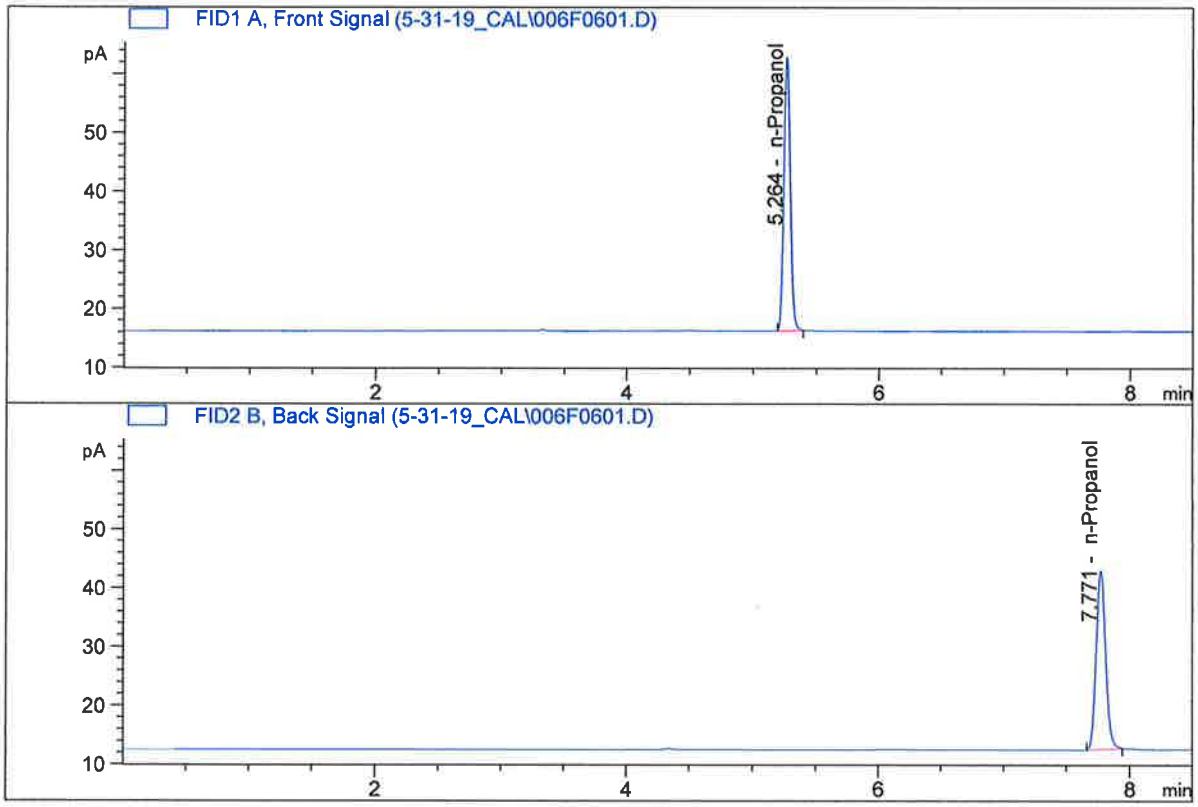
Sample Name : 0.500
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	124.01996	0.5013	g/100cc
2.	Ethanol	Column 2:	118.60630	0.5039	g/100cc
3.	n-Propanol	Column 1:	154.47978	1.0000	g/100cc
4.	n-Propanol	Column 2:	146.43721	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	165.97108	1.0000	g/100cc
4.	n-Propanol	Column 2:	159.66193	1.0000	g/100cc

RC

Sample Summary

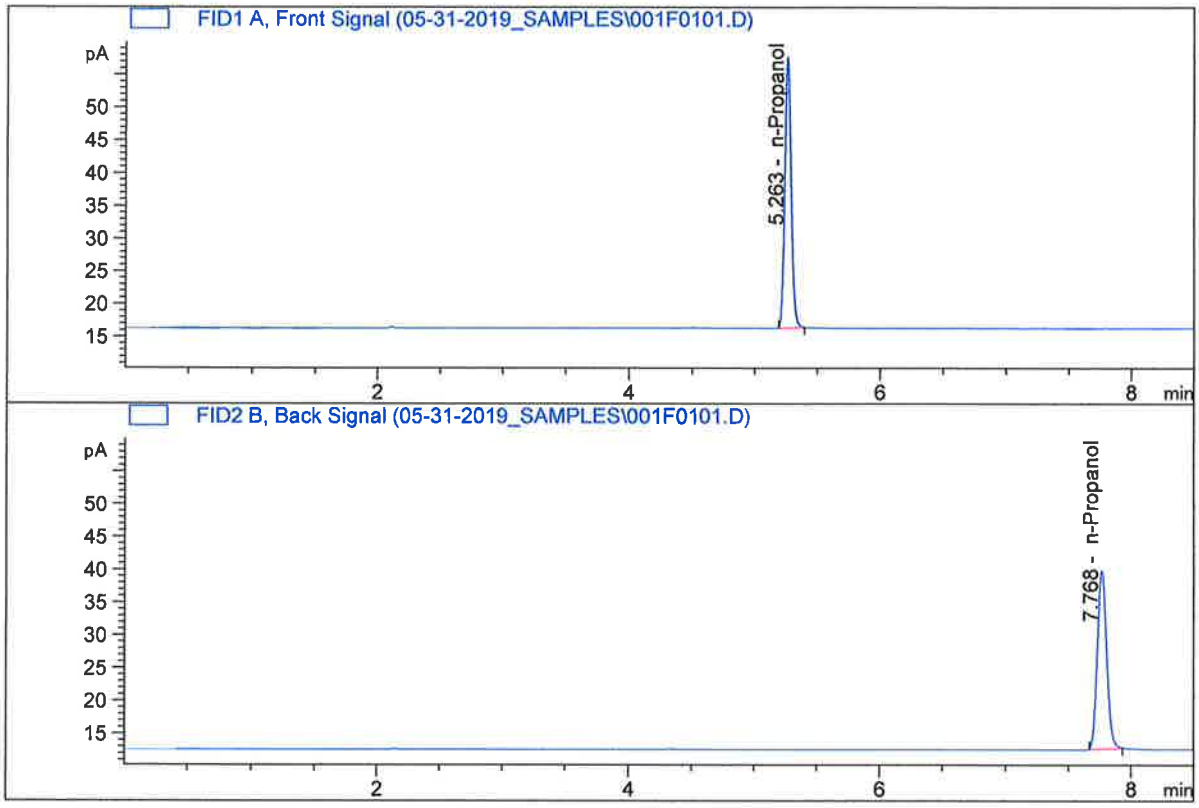
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_31.05.2019_10.04.17\MASTERCAL.S
Data directory path: C:\Chem32\1\Data\5-31-19_CAL
Logbook: C:\Chem32\1\Data\5-31-19_CAL\MASTERCAL.LOG
Sequence start: 5/31/2019 10:19:27 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\CHEM32\1\METHODS\ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050	-	1.0000	001F0101.D	*	4
2	2	1	0.100	-	1.0000	002F0201.D	*	4
3	3	1	0.200	-	1.0000	003F0301.D	*	4
4	4	1	0.300	-	1.0000	004F0401.D	*	4
5	5	1	0.500	-	1.0000	005F0501.D	*	4
6	6	1	ISTD BLANK-1	-	1.0000	006F0601.D		2

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

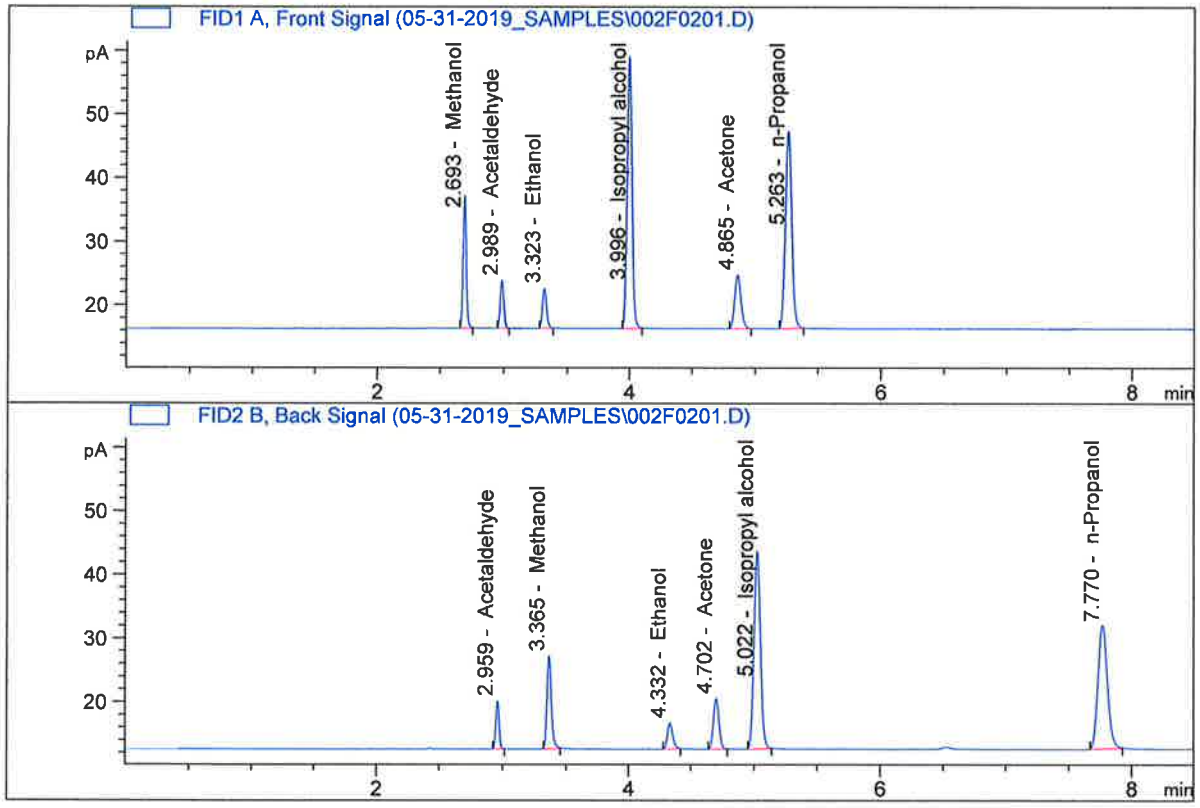


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	147.65120	1.0000	g/100cc
4.	n-Propanol	Column 2:	142.38664	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : MULTI-COMP MIX
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

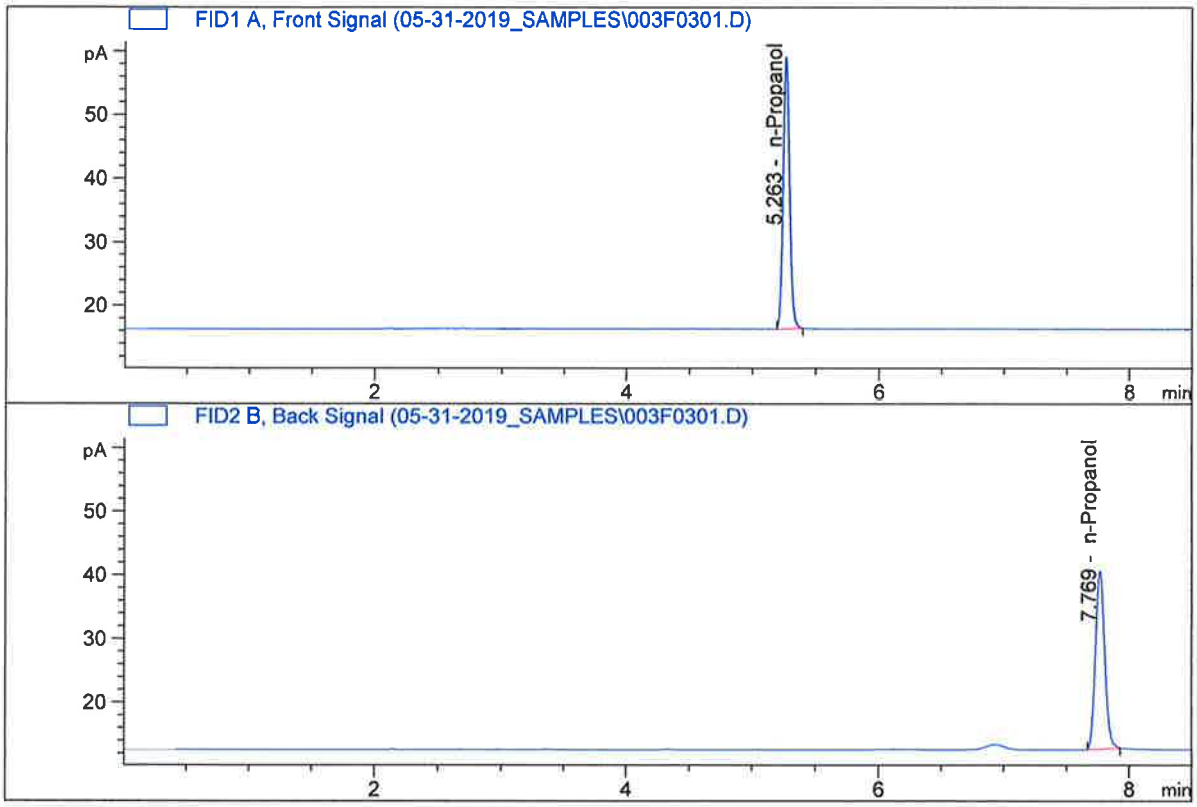


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.00219	0.0792	g/100cc
2.	Ethanol	Column 2:	12.38352	0.0752	g/100cc
3.	n-Propanol	Column 1:	110.42623	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.38914	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	152.31070	1.0000	g/100cc
4.	n-Propanol	Column 2:	146.23161	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 31 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0775	0.0744	0.0031	0.0759	0.0760	
(g/100cc)	0.0779	0.0744	0.0035	0.0761		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96JF1032

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

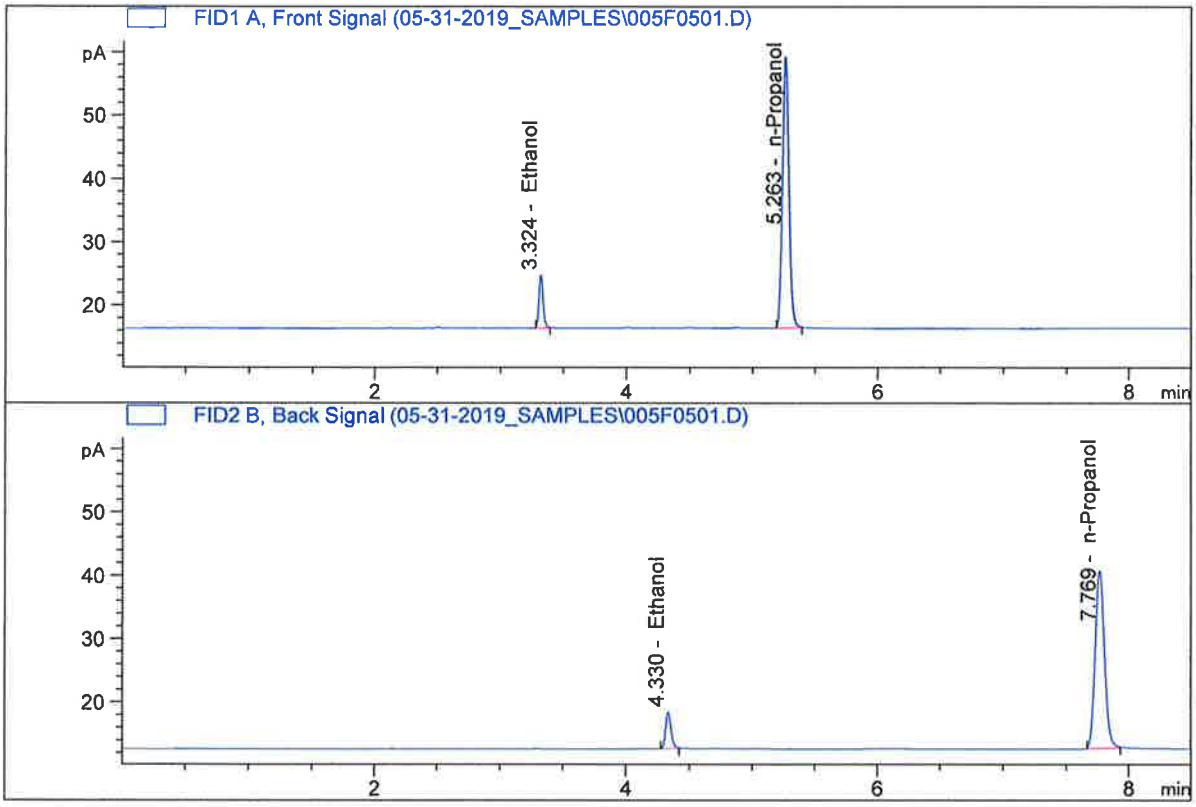
Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	**0.072**	**0.080**	**0.004**

	Reported Result	
	0.076	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

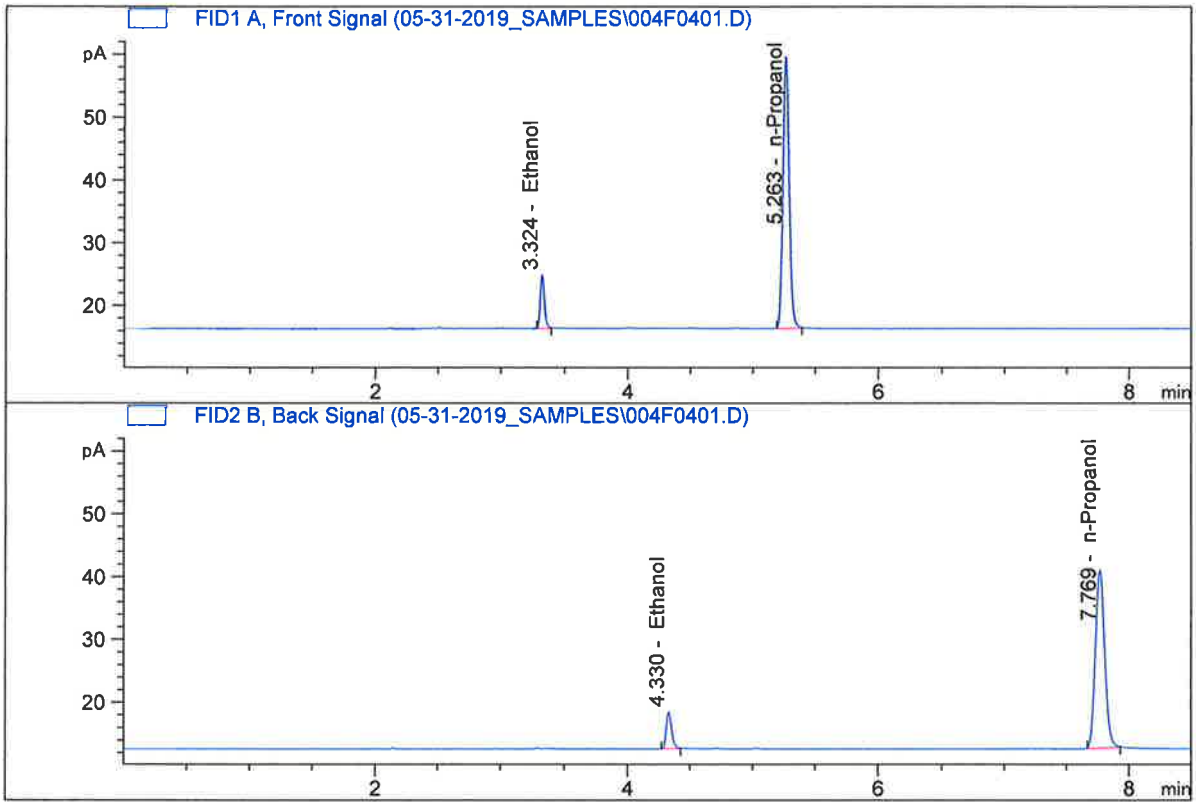


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.13292	0.0779	g/100cc
2.	Ethanol	Column 2:	17.59475	0.0744	g/100cc
3.	n-Propanol	Column 1:	153.45135	1.0000	g/100cc
4.	n-Propanol	Column 2:	147.18268	1.0000	g/100cc

JBC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.22448	0.0775	g/100cc
2.	Ethanol	Column 2:	17.74318	0.0744	g/100cc
3.	n-Propanol	Column 1:	154.91470	1.0000	g/100cc
4.	n-Propanol	Column 2:	148.41949	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA **Analysis Date(s): 31 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0798	0.0765	0.0033	0.0781	0.0781	
(g/100cc)	0.0799	0.0764	0.0035	0.0781		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96JF1032

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

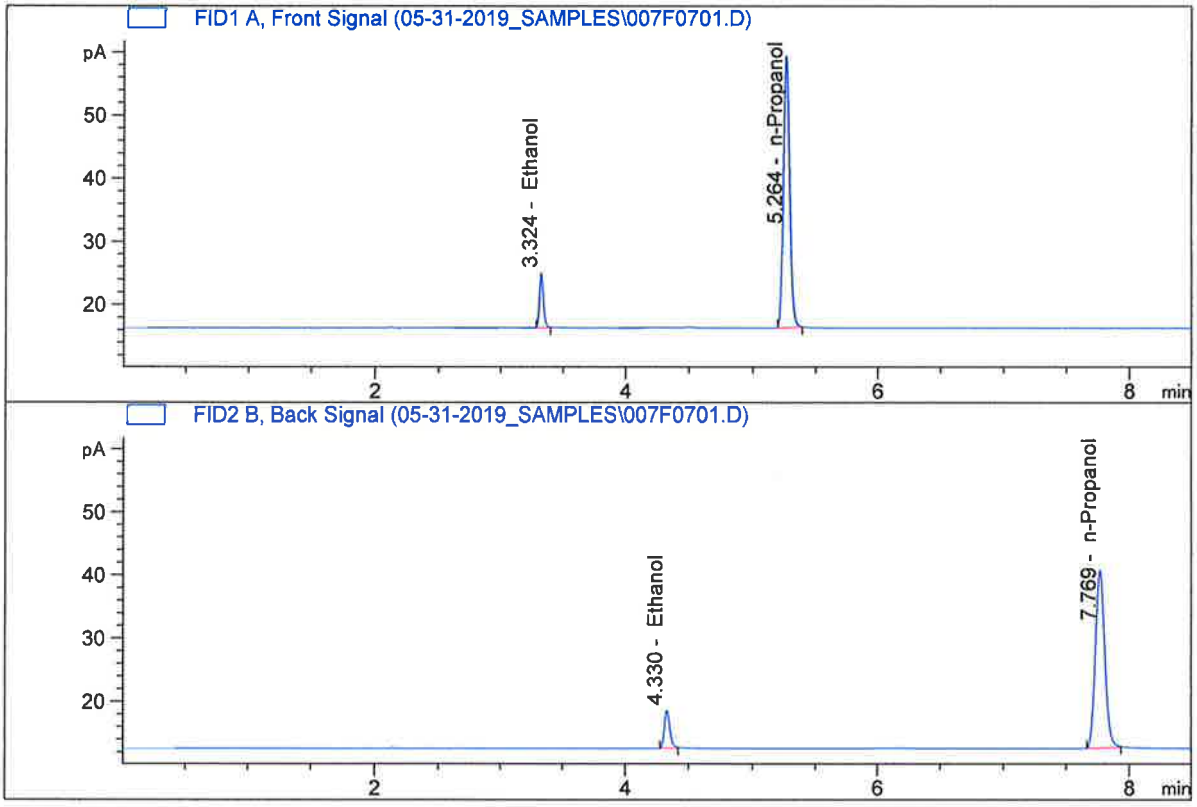
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

Reported Result
0.078

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

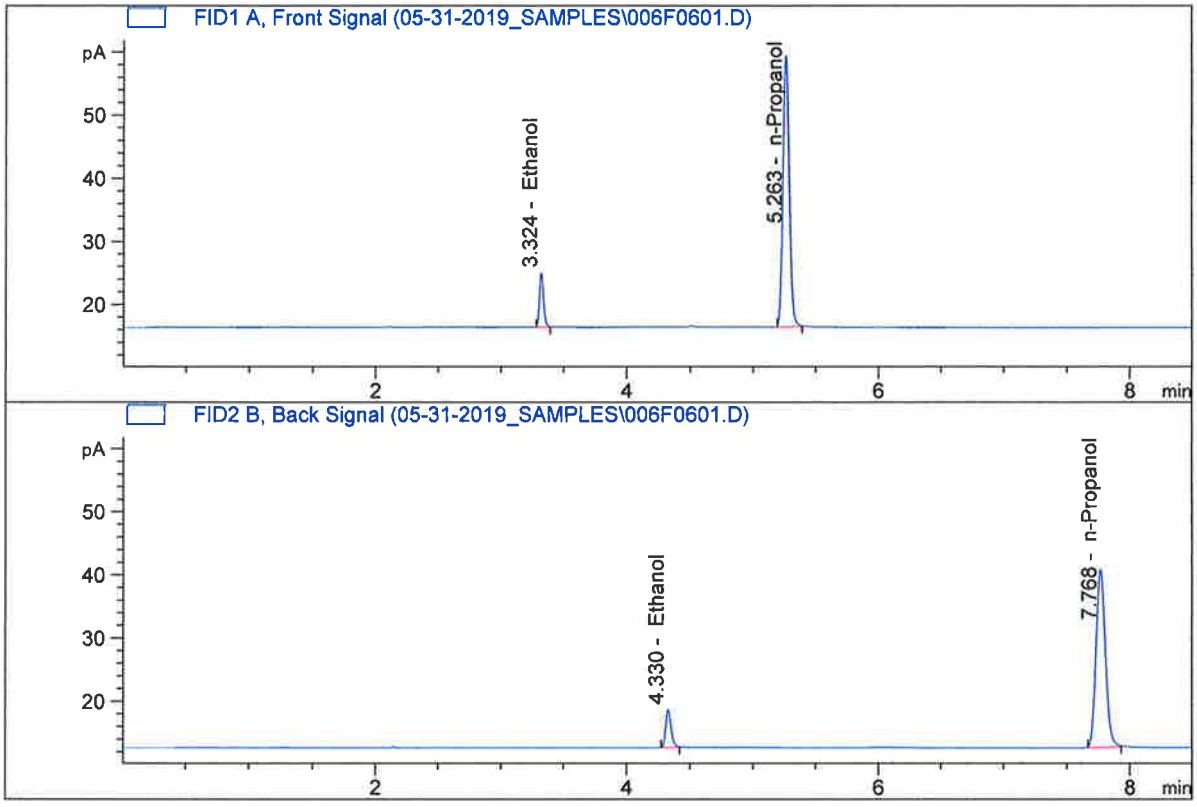
Sample Name : 08 QA-B
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.68962	0.0799	g/100cc
2.	Ethanol	Column 2:	18.08691	0.0764	g/100cc
3.	n-Propanol	Column 1:	153.78752	1.0000	g/100cc
4.	n-Propanol	Column 2:	147.23579	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-A
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.63022	0.0798	g/100cc
2.	Ethanol	Column 2:	18.07596	0.0765	g/100cc
3.	n-Propanol	Column 1:	153.55138	1.0000	g/100cc
4.	n-Propanol	Column 2:	147.00331	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 31 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1978	0.1931	0.0047	0.1954	0.1963	
(g/100cc)	0.1993	0.1952	0.0041	0.1972		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96JF1032

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

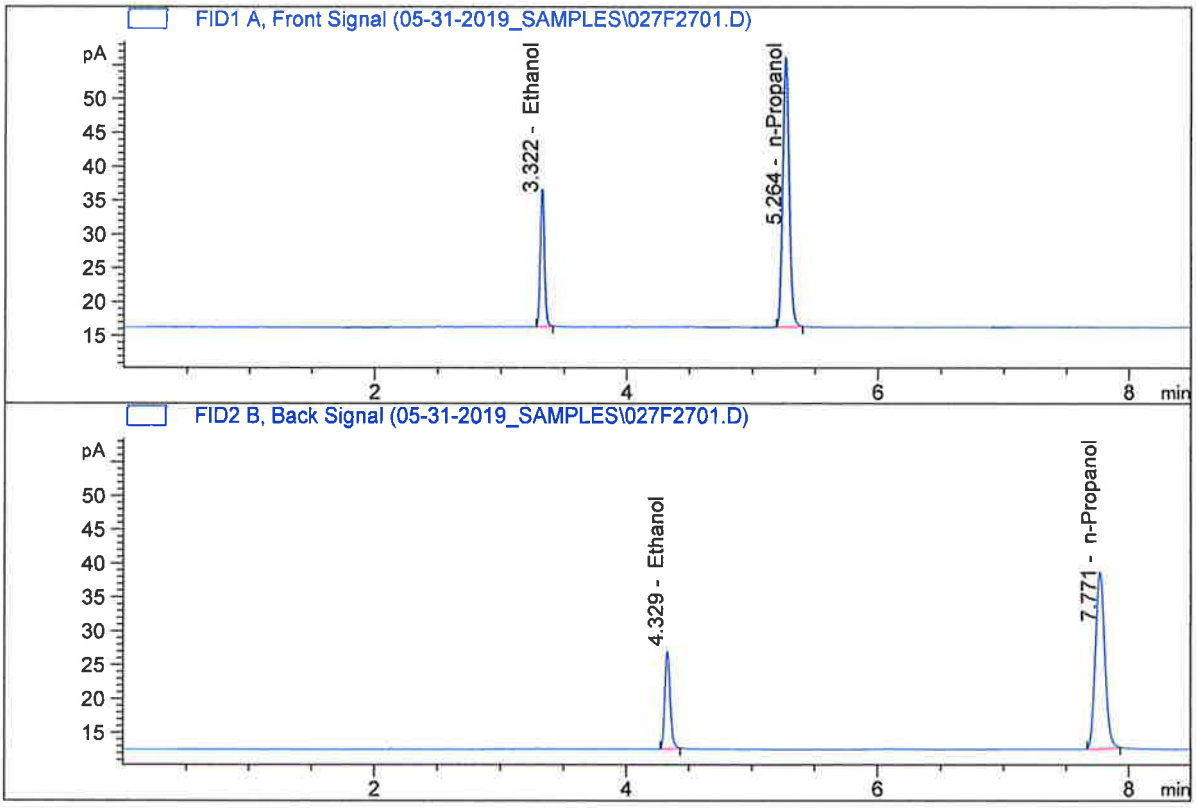
Overall Mean (g/100cc)	Low	High	5% of Mean
0.196	**0.186**	**0.206**	**0.010**

Reported Result
0.196

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

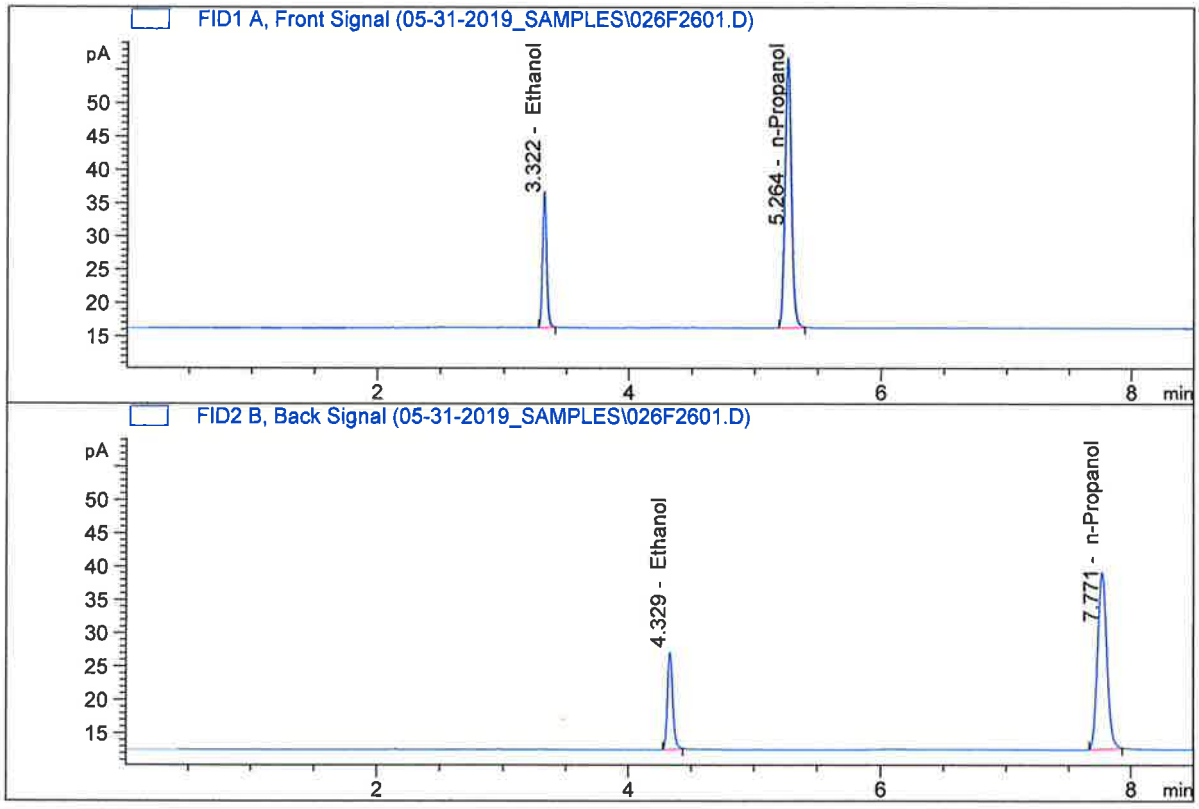
Sample Name : QC2-1-B
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.63778	0.1993	g/100cc
2.	Ethanol	Column 2:	42.90808	0.1952	g/100cc
3.	n-Propanol	Column 1:	142.95337	1.0000	g/100cc
4.	n-Propanol	Column 2:	136.74228	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.06809	0.1978	g/100cc
2.	Ethanol	Column 2:	43.18421	0.1931	g/100cc
3.	n-Propanol	Column 1:	145.44136	1.0000	g/100cc
4.	n-Propanol	Column 2:	139.11775	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 31 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0809	0.0776	0.0033	0.0792	0.0790	
(g/100cc)	0.0806	0.0770	0.0036	0.0788		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96JF1032

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

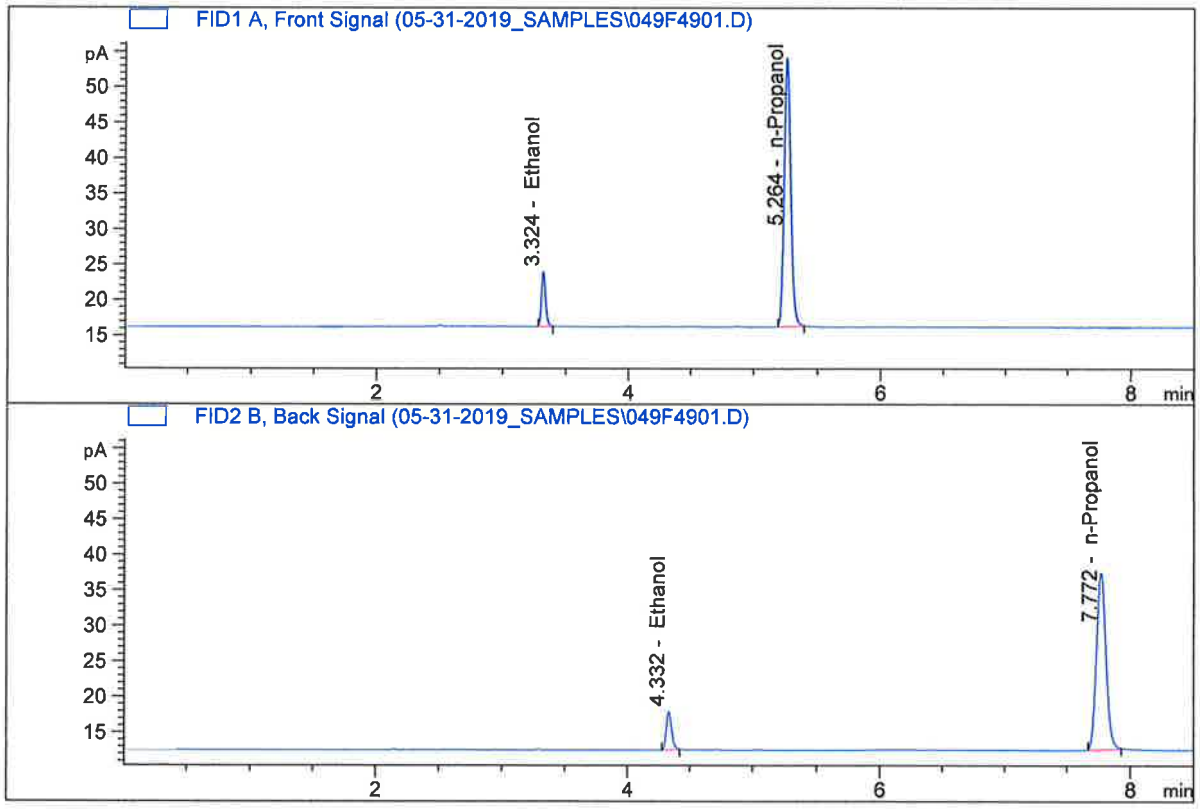
Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	0.075	0.083	0.004

Reported Result
0.079

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

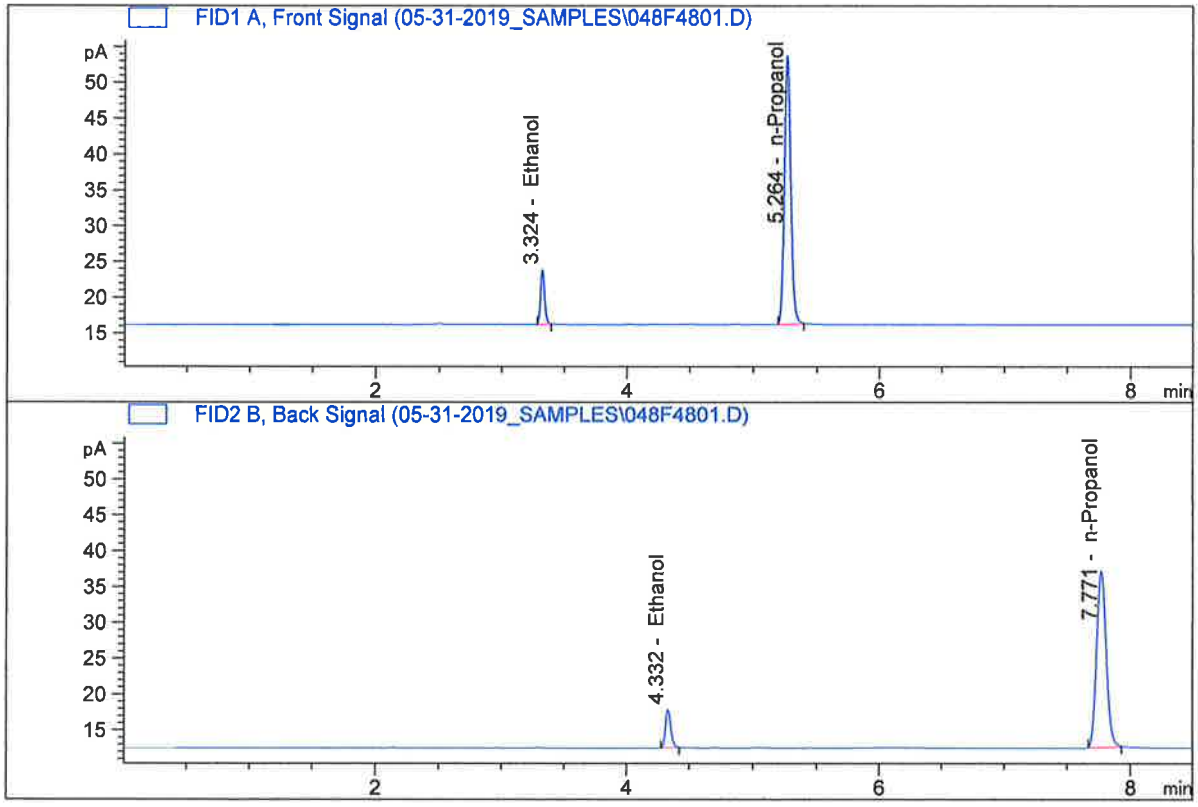


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.48588	0.0806	g/100cc
2.	Ethanol	Column 2:	16.16632	0.0770	g/100cc
3.	n-Propanol	Column 1:	135.40038	1.0000	g/100cc
4.	n-Propanol	Column 2:	130.68451	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.35415	0.0809	g/100cc
2.	Ethanol	Column 2:	16.12397	0.0776	g/100cc
3.	n-Propanol	Column 1:	133.96376	1.0000	g/100cc
4.	n-Propanol	Column 2:	129.25529	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 31 May 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2044	0.1993	0.0051	0.2018	0.2016	
(g/100cc)	0.2035	0.1992	0.0043	0.2013		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96JF1032

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.201	**0.190**	**0.212**	**0.011**

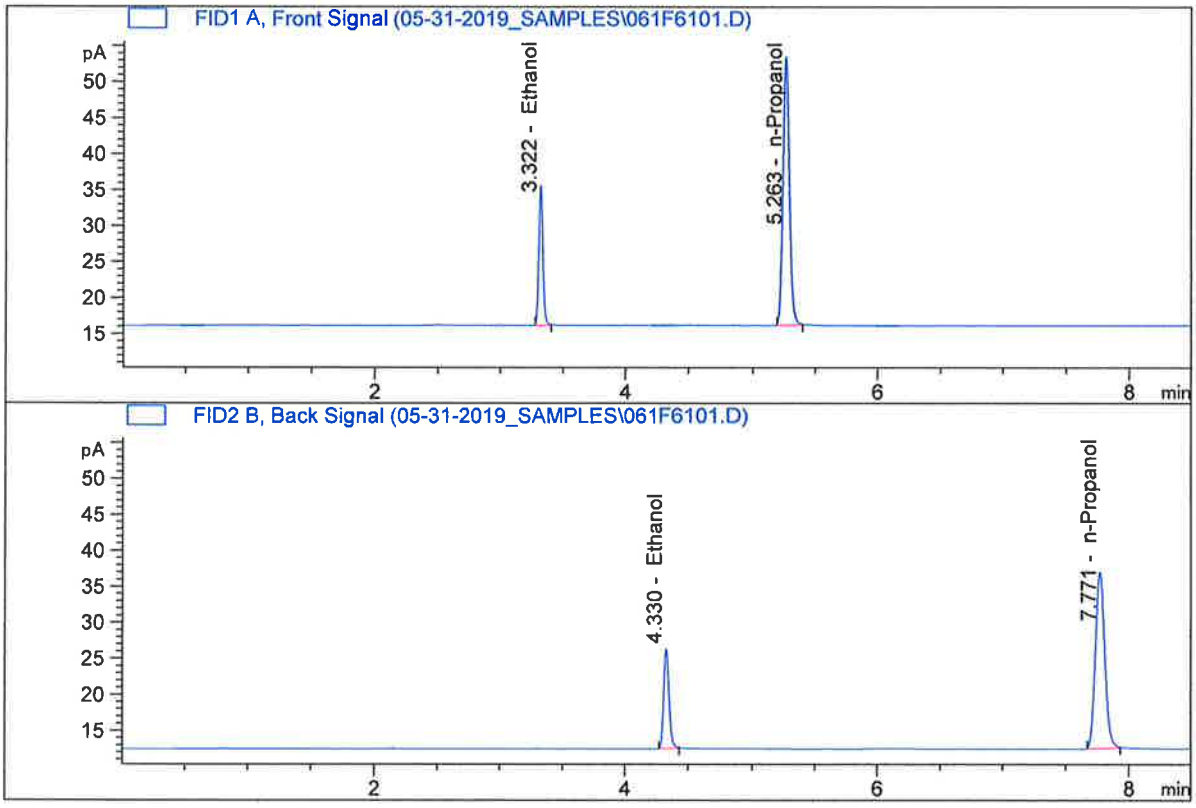
	Reported Result	
	0.201	

Calibration and control data are stored centrally.

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Pocatello
Injection Date : Jun 1, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

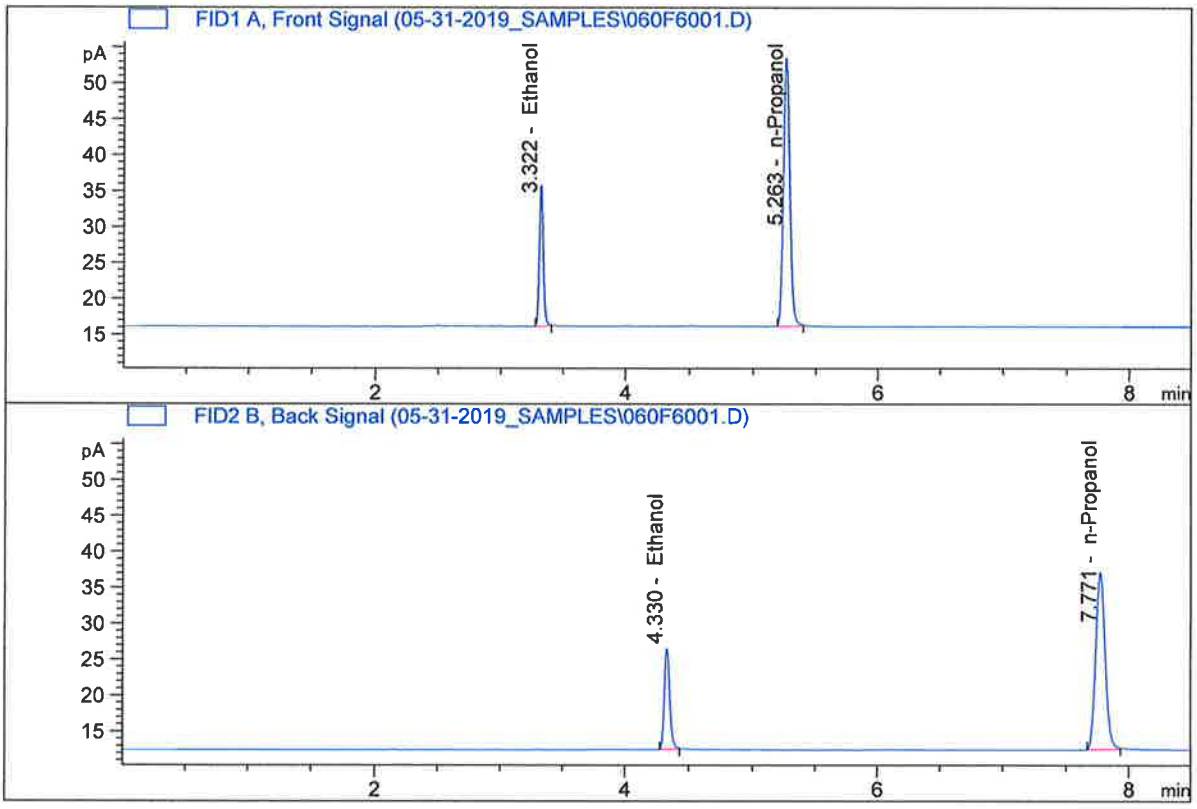


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.49841	0.2035	g/100cc
2.	Ethanol	Column 2:	41.16477	0.1992	g/100cc
3.	n-Propanol	Column 1:	133.47433	1.0000	g/100cc
4.	n-Propanol	Column 2:	128.55589	1.0000	g/100cc

JRC

ISP Forensic Services Blood Alcohol Report

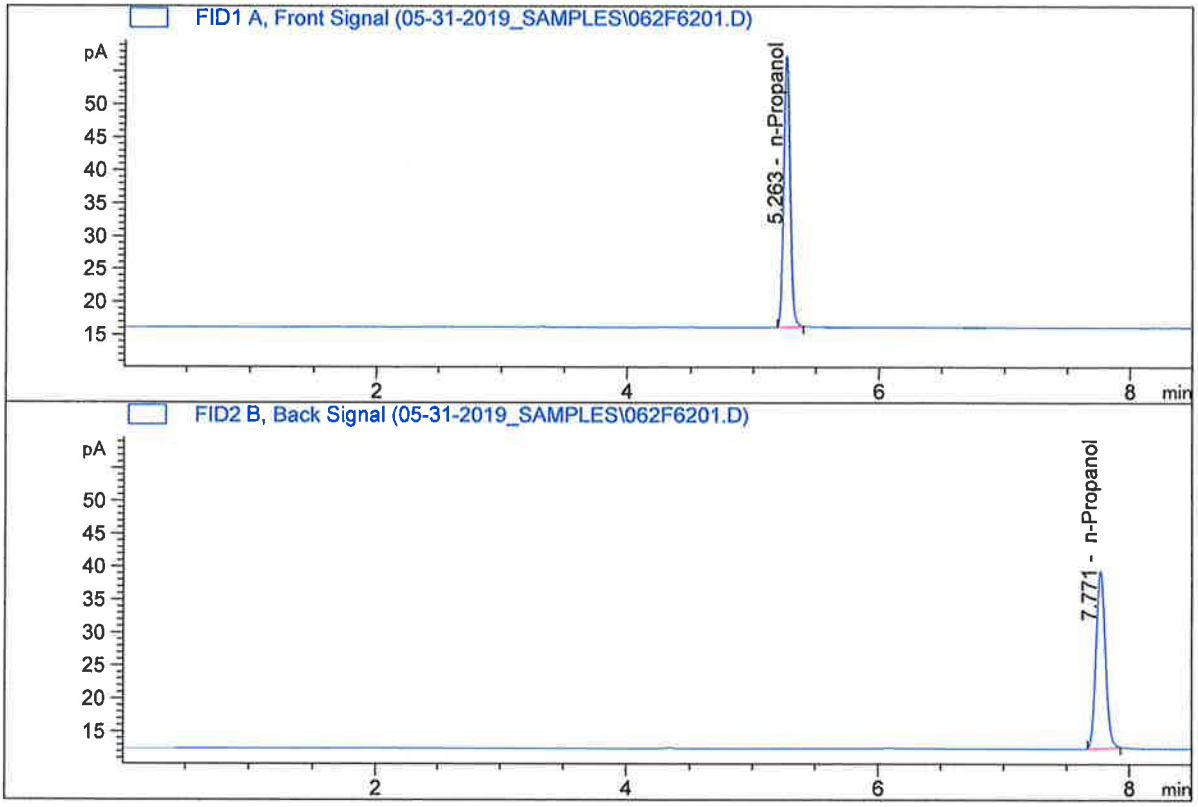
Sample Name : QC2-2-A
Laboratory : Pocatello
Injection Date : May 31, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.86264	0.2044	g/100cc
2.	Ethanol	Column 2:	41.35257	0.1993	g/100cc
3.	n-Propanol	Column 1:	134.01990	1.0000	g/100cc
4.	n-Propanol	Column 2:	129.08446	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Jun 1, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	146.33420	1.0000	g/100cc
4.	n-Propanol	Column 2:	140.94705	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_31.05.2019_01.04.16\05-31-2019_SAMPLES.S
Data directory path: C:\Chem32\1\Data\05-31-2019_SAMPLES
Logbook: C:\Chem32\1\Data\05-31-2019_SAMPLES\05-31-2019_SAMPLES.LOG
Sequence start: 5/31/2019 1:18:07 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\CHEM32\1\METHODS\ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MULTI-COMP MIX	-	1.0000	002F0201.D		12
3	3	1	INTERNAL STD	-	1.0000	003F0301.D		2
4	4	1	QC1-1-A	-	1.0000	004F0401.D		4
5	5	1	QC1-1-B	-	1.0000	005F0501.D		4
6	6	1	08 QA-A	-	1.0000	006F0601.D		4
7	7	1	08 QA-B	-	1.0000	007F0701.D		4
8	8	1	P2019-1436-1-A	-	1.0000	008F0801.D		6
9	9	1	P2019-1436-1-B	-	1.0000	009F0901.D		6
10	10	1	P2019-1446-1-A	-	1.0000	010F1001.D		4
11	11	1	P2019-1446-1-B	-	1.0000	011F1101.D		4
12	12	1	P2019-1449-1-A	-	1.0000	012F1201.D		6
13	13	1	P2019-1449-1-B	-	1.0000	013F1301.D		6
14	14	1	P2019-1465-1-A	-	1.0000	014F1401.D		6
15	15	1	P2019-1465-1-B	-	1.0000	015F1501.D		6
16	16	1	P2019-1482-1-A	-	1.0000	016F1601.D		6
17	17	1	P2019-1482-1-B	-	1.0000	017F1701.D		6
18	18	1	P2019-1497-1-A	-	1.0000	018F1801.D		2
19	19	1	P2019-1497-1-B	-	1.0000	019F1901.D		2
20	20	1	P2019-1501-1-A	-	1.0000	020F2001.D		6
21	21	1	P2019-1501-1-B	-	1.0000	021F2101.D		6
22	22	1	P2019-1513-1-A	-	1.0000	022F2201.D		2
23	23	1	P2019-1513-1-B	-	1.0000	023F2301.D		2
24	24	1	P2019-1514-1-A	-	1.0000	024F2401.D		5
25	25	1	P2019-1514-1-B	-	1.0000	025F2501.D		6
26	26	1	QC2-1-A	-	1.0000	026F2601.D		4
27	27	1	QC2-1-B	-	1.0000	027F2701.D		4
28	28	1	P2019-1516-1-A	-	1.0000	028F2801.D		6
29	29	1	P2019-1516-1-B	-	1.0000	029F2901.D		6
30	30	1	P2019-1524-1-A	-	1.0000	030F3001.D		2
31	31	1	P2019-1524-1-B	-	1.0000	031F3101.D		2
32	32	1	P2019-1528-1-A	-	1.0000	032F3201.D		6
33	33	1	P2019-1528-1-B	-	1.0000	033F3301.D		6
34	34	1	P2019-1529-1-A	-	1.0000	034F3401.D		6
35	35	1	P2019-1529-1-B	-	1.0000	035F3501.D		6
36	36	1	P2019-1547-1-A	-	1.0000	036F3601.D		4
37	37	1	P2019-1547-1-B	-	1.0000	037F3701.D		4
38	38	1	P2019-1561-2-A	-	1.0000	038F3801.D		2
39	39	1	P2019-1561-2-B	-	1.0000	039F3901.D		2
40	40	1	P2019-1563-1-A	-	1.0000	040F4001.D		6
41	41	1	P2019-1563-1-B	-	1.0000	041F4101.D		6
42	42	1	P2019-1564-1-A	-	1.0000	042F4201.D		6
43	43	1	P2019-1564-1-B	-	1.0000	043F4301.D		6
44	44	1	P2019-1597-1-A	-	1.0000	044F4401.D		6
45	45	1	P2019-1597-1-B	-	1.0000	045F4501.D		6
46	46	1	P2019-1600-1-A	-	1.0000	046F4601.D		6

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_31.05.2019_01.04.16\05-31-2019_SAMPLES.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
47	47	1	P2019-1600-1-B	-	1.0000	047F4701.D	6
48	48	1	QC1-2-A	-	1.0000	048F4801.D	4
49	49	1	QC1-2-B	-	1.0000	049F4901.D	4
50	50	1	P2019-1605-1-A	-	1.0000	050F5001.D	6
51	51	1	P2019-1605-1-B	-	1.0000	051F5101.D	6
52	52	1	P2019-1619-1-A	-	1.0000	052F5201.D	6
53	53	1	P2019-1619-1-B	-	1.0000	053F5301.D	6
54	54	1	P2019-1620-1-A	-	1.0000	054F5401.D	6
55	55	1	P2019-1620-1-B	-	1.0000	055F5501.D	6
56	56	1	P2019-1635-2-A	-	1.0000	056F5601.D	2
57	57	1	P2019-1635-2-B	-	1.0000	057F5701.D	2
58	58	1	P2019-1645-1-A	-	1.0000	058F5801.D	4
59	59	1	P2019-1645-1-B	-	1.0000	059F5901.D	4
60	60	1	QC2-2-A	-	1.0000	060F6001.D	4
61	61	1	QC2-2-B	-	1.0000	061F6101.D	4
62	62	1	INT STD BLK	-	1.0000	062F6201.D	2