Worklist: 3553

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2019-1990	1	155982	Alcohol Analysis
P2019-2091	1	156827	Alcohol Analysis
P2019-2105	2	156876	Alcohol Analysis
P2019-2106	1	156880	Alcohol Analysis
P2019-2115	1	156948	Alcohol Analysis
P2019-2116	1	156950	Alcohol Analysis
P2019-2139	1	157076	Alcohol Analysis
P2019-2145	1	157144	Alcohol Analysis
P2019-2146	1	157148	Alcohol Analysis
P2019-2148	1	157152	Alcohol Analysis
P2019-2149	1	157159	Alcohol Analysis
P2019-2151	1	157168	Alcohol Analysis
P2019-2154	1	157174	Alcohol Analysis
P2019-2170	1	157203	Alcohol Analysis
P2019-2185	1	157331	Alcohol Analysis
P2019-2189	1	157484	Alcohol Analysis
P2019-2191	1	157537	Alcohol Analysis
P2019-2207	1	157621	Alcohol Analysis
P2019-2208	1	157622	Alcohol Analysis
P2019-2210	1	157636	Alcohol Analysis
P2019-2221	1	157769	Alcohol Analysis
P2019-2222	1	157770	Alcohol Analysis
P2019-2223	1	157772	Alcohol Analysis

Worklist: 3553

LAB_CASE	ITEM	TASK_ID	DESCRIPTION

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): 07/19/19**

Calibration Curve Run Date: 7/17/19

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0768 g/100cc
					0.0765 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1968 g/100cc
					0.1994 g/100cc
					g/100cc

Multi-Component mixture:		Lot #	11918	
Curve Fit:	Column 1	1.00000	Column2	0.99989

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	0.0470	0.0033	0.0486
100	0.100	0.090 - 0.110	0.1000	0.0955	0.0045	0.0977
200	0.200	0.180 - 0.220	0.2005	0.1954	0.0051	0.1979
300	0.300	0.270 - 0.330	0.2998	0.2970	0.0028	0.2984
500	0.500	0.450 - 0.550	0.4999	0.5048	0.0049	0.5023

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.077 g/100cc

REVIEWED
By Jeremy Johnston at 10:22 am, Jul 21, 2019

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

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 19 Jul 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0813	0.0751	0.0062	0.0782	0.0768	
(g/100cc)	0.0785	0.0726	0.0059	0.0755		

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%**

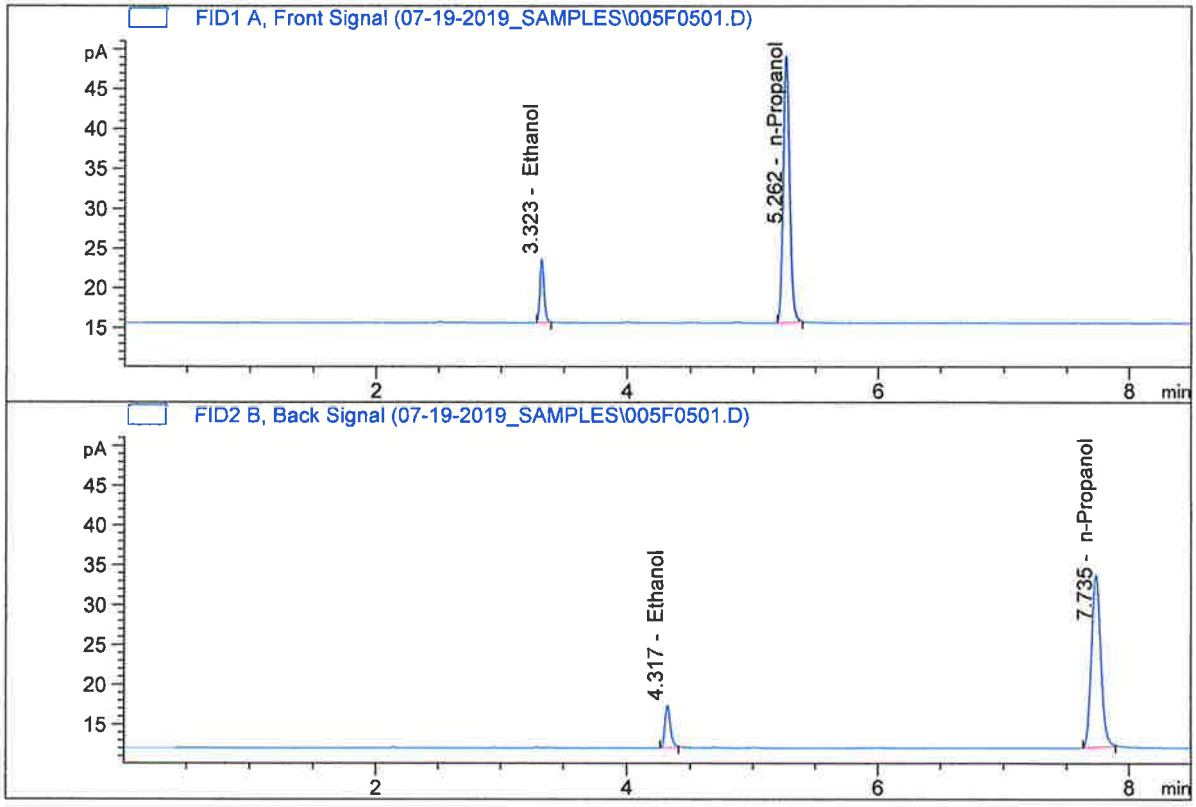
Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	**0.072**	**0.080**	**0.004**

	Reported Result	
	0.076	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

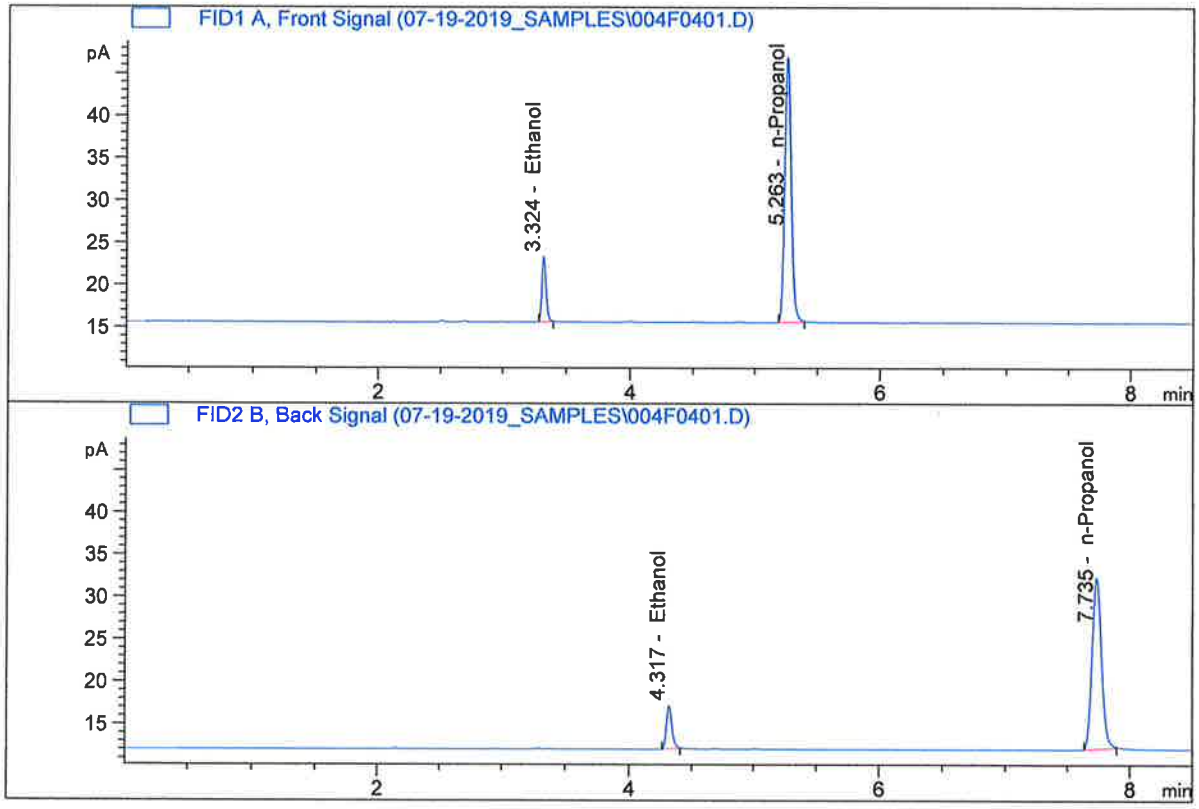
Sample Name : QC1-1-B
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.44123	0.0785	g/100cc
2.	Ethanol	Column 2:	16.14925	0.0726	g/100cc
3.	n-Propanol	Column 1:	120.33035	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.68592	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

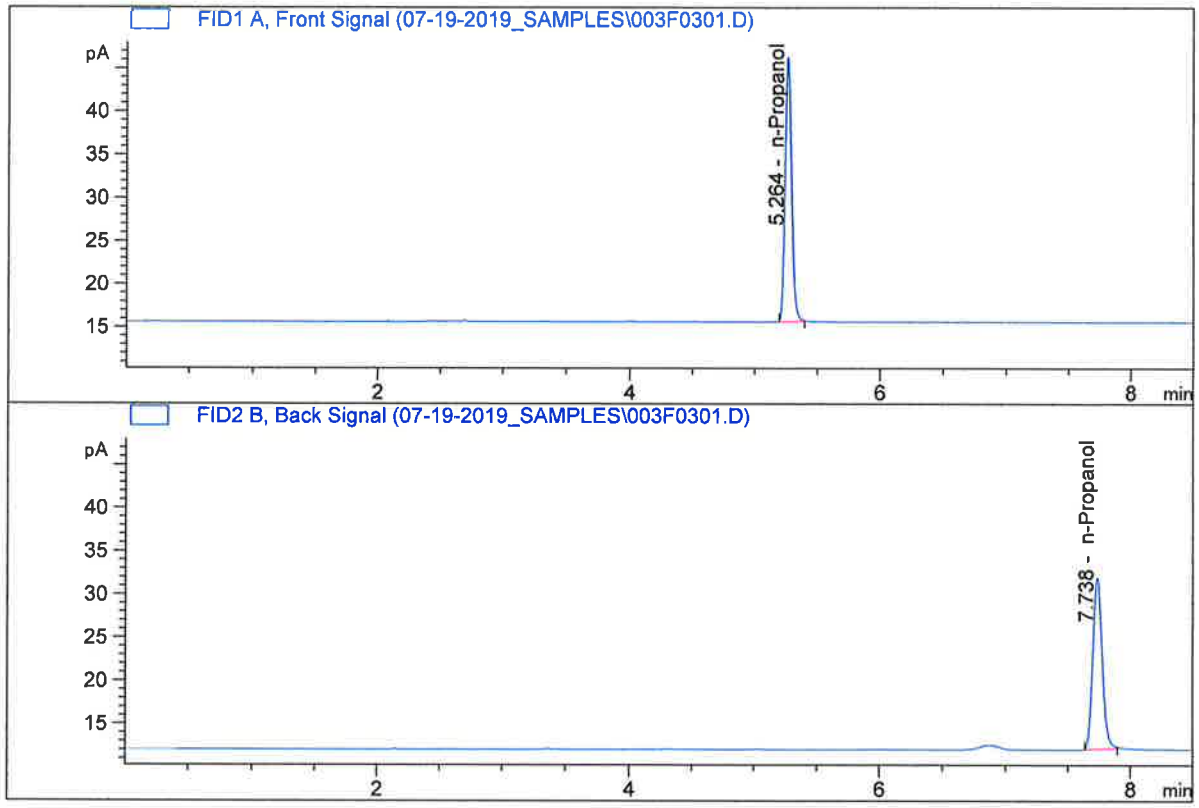
Sample Name : QC1-1-A
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.89414	0.0813	g/100cc
2.	Ethanol	Column 2:	15.62400	0.0751	g/100cc
3.	n-Propanol	Column 1:	112.64960	1.0000	g/100cc
4.	n-Propanol	Column 2:	106.31315	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

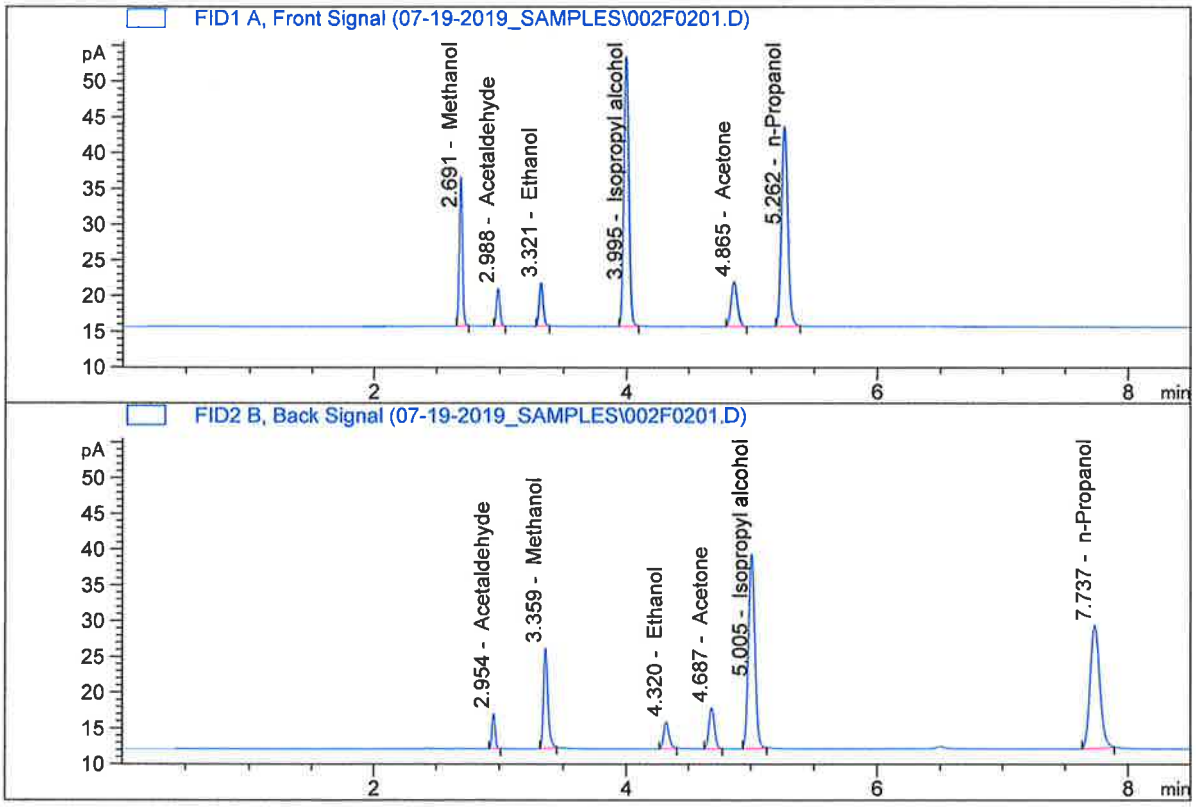
Sample Name : INTERNAL STD
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	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:	109.70669	1.0000	g/100cc
4.	n-Propanol	Column 2:	104.31068	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

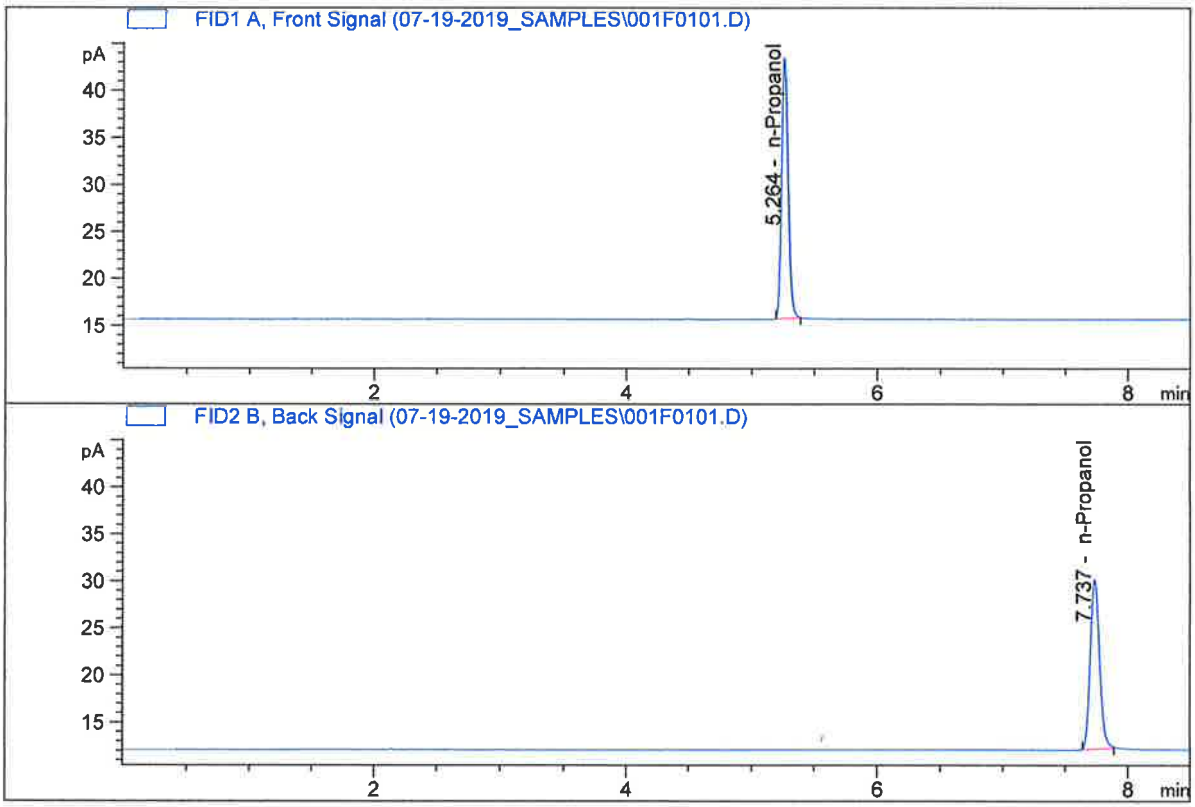
Sample Name : MULTI-COMP MIX
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.36879	0.0687	g/100cc
2.	Ethanol	Column 2:	11.40003	0.0642	g/100cc
3.	n-Propanol	Column 1:	99.58916	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.75326	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Pocatello
Injection Date : Jul 19, 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:	99.82189	1.0000	g/100cc
4.	n-Propanol	Column 2:	94.69032	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA **Analysis Date(s): 19 Jul 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0803	0.0749	0.0054	0.0776	0.0772	
(g/100cc)	0.0794	0.0744	0.0050	0.0769		

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%**

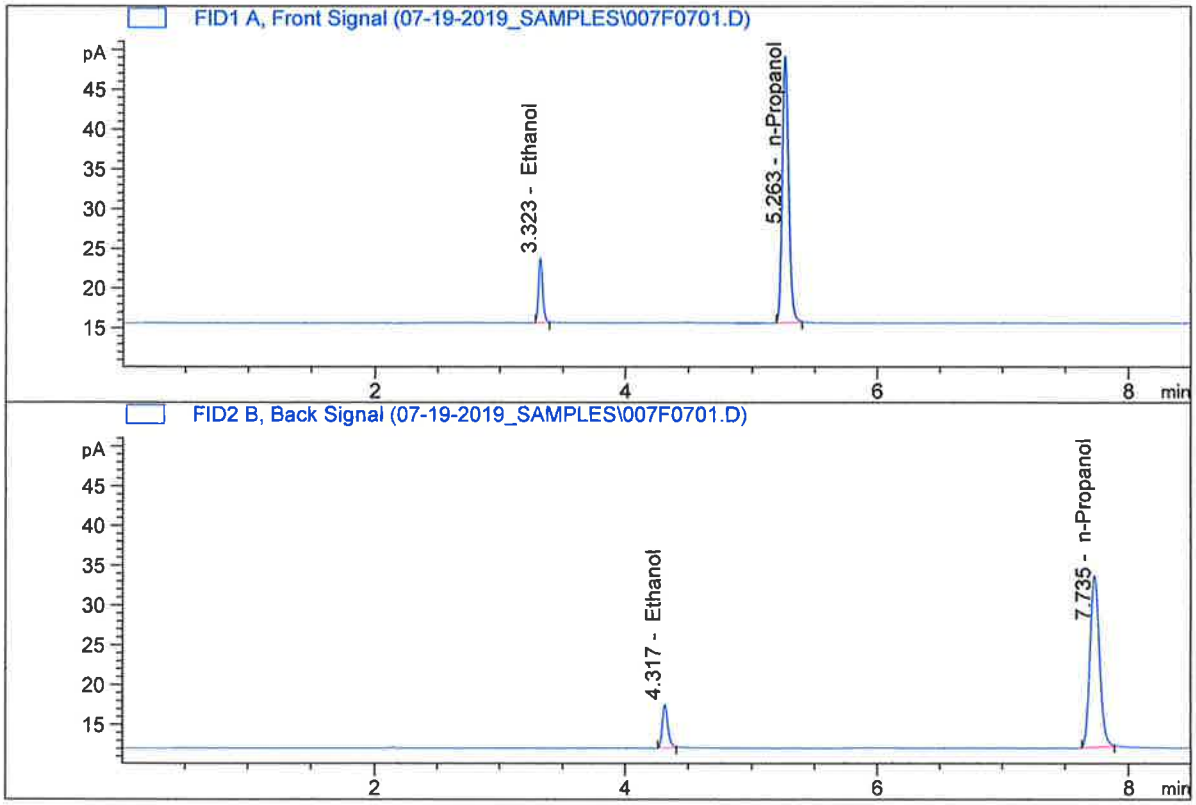
Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

	Reported Result	
	0.077	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

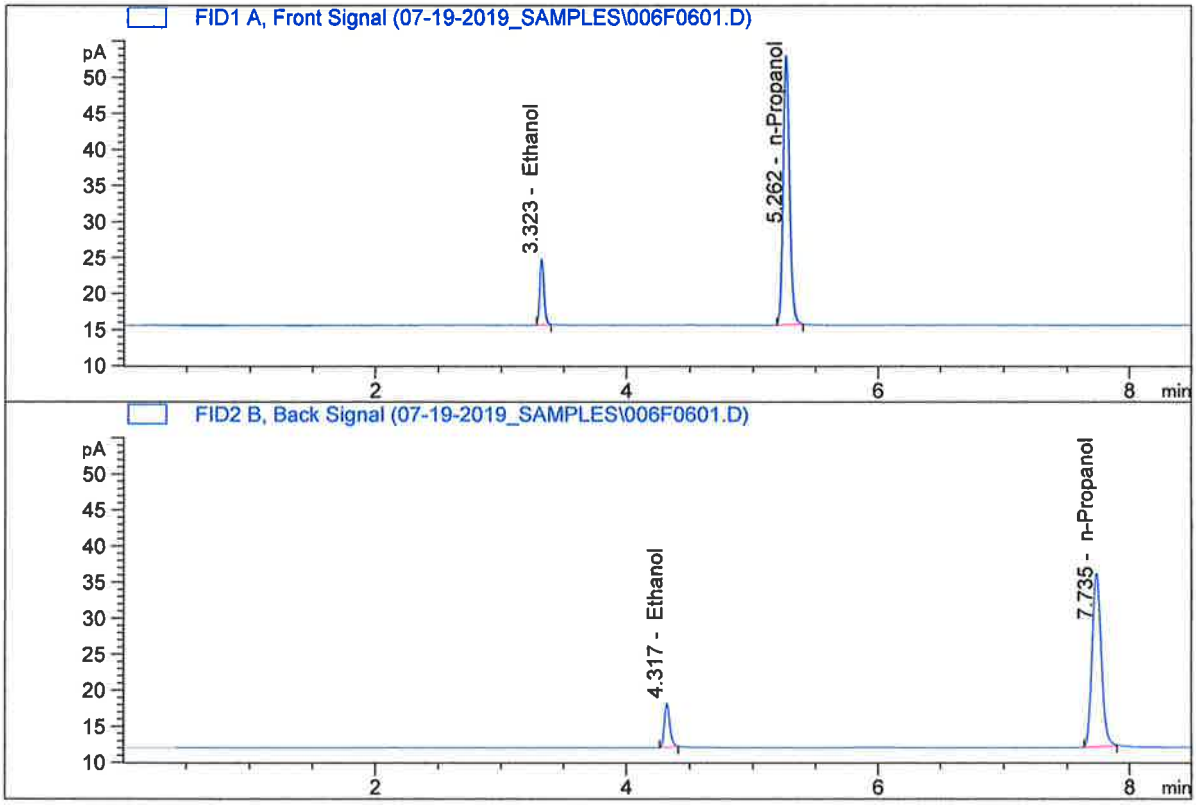
Sample Name : 08 QA-B
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.68120	0.0794	g/100cc
2.	Ethanol	Column 2:	16.47159	0.0744	g/100cc
3.	n-Propanol	Column 1:	120.39452	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.12753	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-A
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	20.96012	0.0803	g/100cc
2.	Ethanol	Column 2:	18.45154	0.0749	g/100cc
3.	n-Propanol	Column 1:	133.63173	1.0000	g/100cc
4.	n-Propanol	Column 2:	125.83880	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 19 Jul 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2026	0.1945	0.0081	0.1985	0.1968	
(g/100cc)	0.1981	0.1921	0.0060	0.1951		

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%**

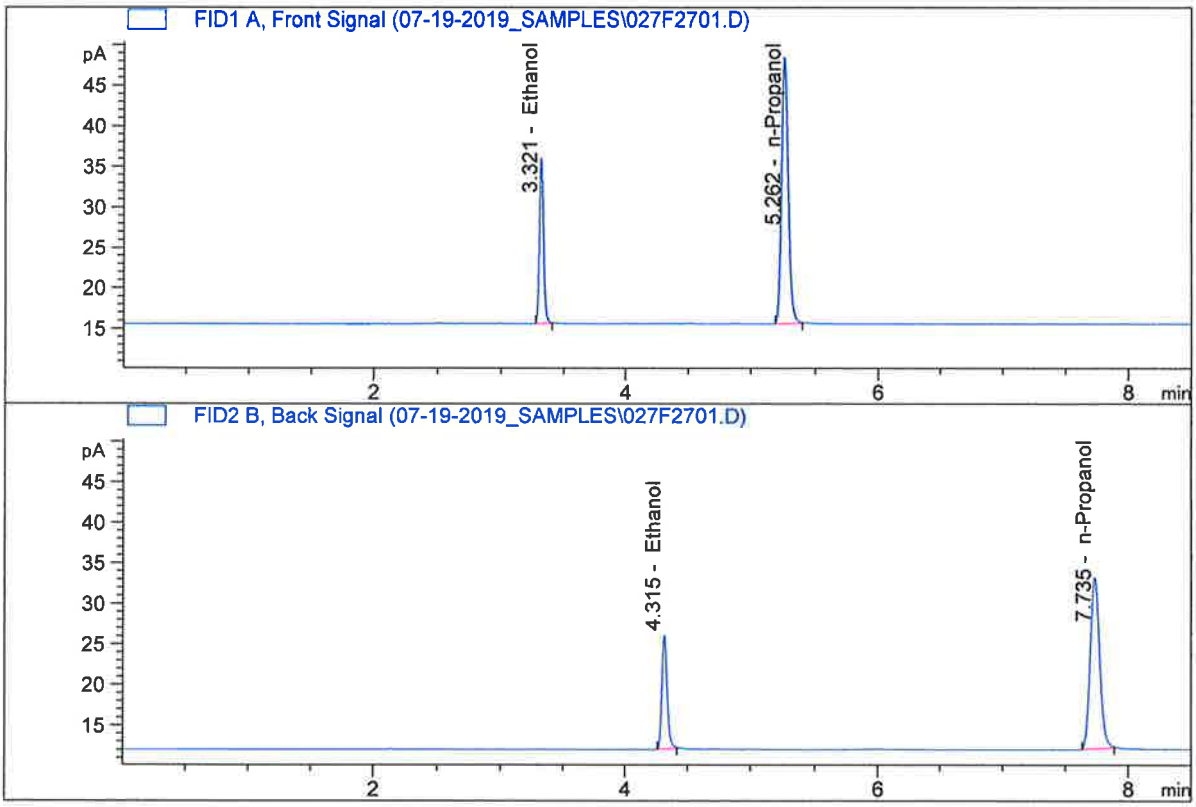
Overall Mean (g/100cc)	Low	High	5% of Mean
0.196	**0.186**	**0.206**	**0.010**

	Reported Result	
	0.196	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

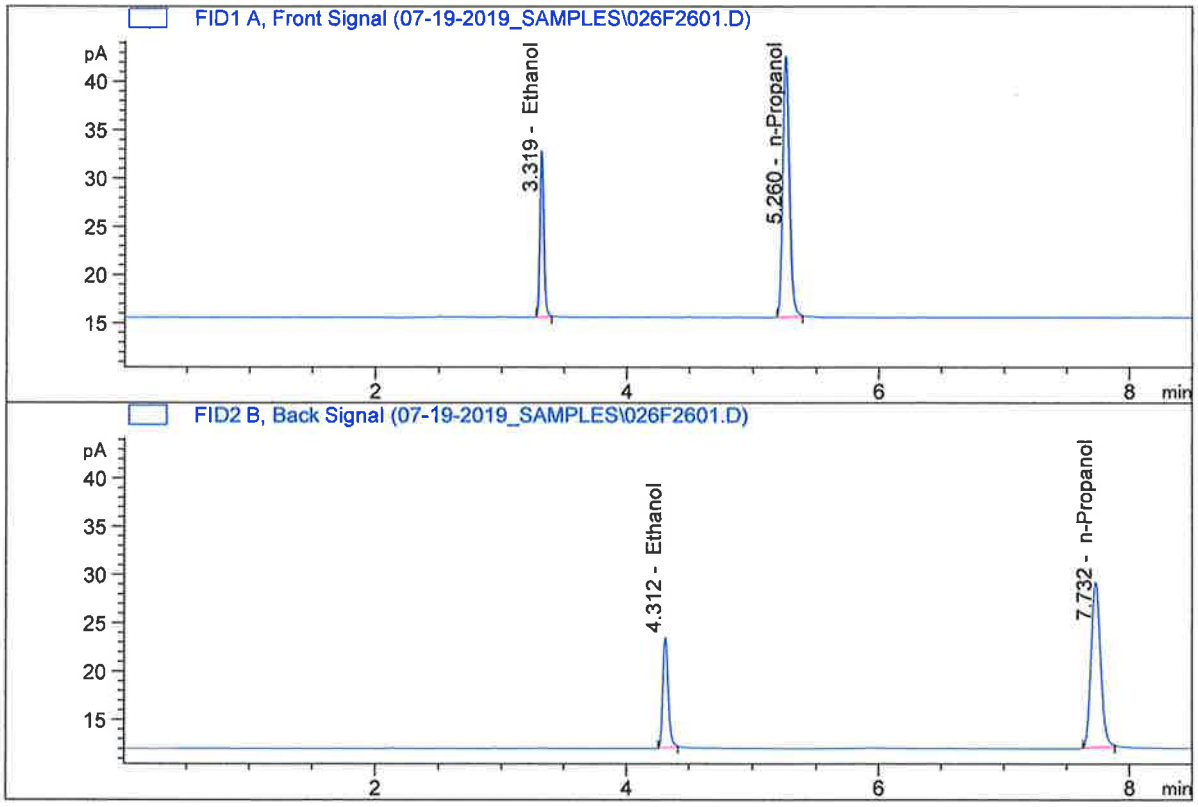
Sample Name : QC2-1-B
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.62851	0.1981	g/100cc
2.	Ethanol	Column 2:	41.60297	0.1921	g/100cc
3.	n-Propanol	Column 1:	117.94987	1.0000	g/100cc
4.	n-Propanol	Column 2:	110.69183	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	38.34011	0.2026	g/100cc
2.	Ethanol	Column 2:	34.23055	0.1945	g/100cc
3.	n-Propanol	Column 1:	96.88970	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.96270	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 19 Jul 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0792	0.0739	0.0053	0.0765	0.0765	
(g/100cc)	0.0790	0.0740	0.0050	0.0765		

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

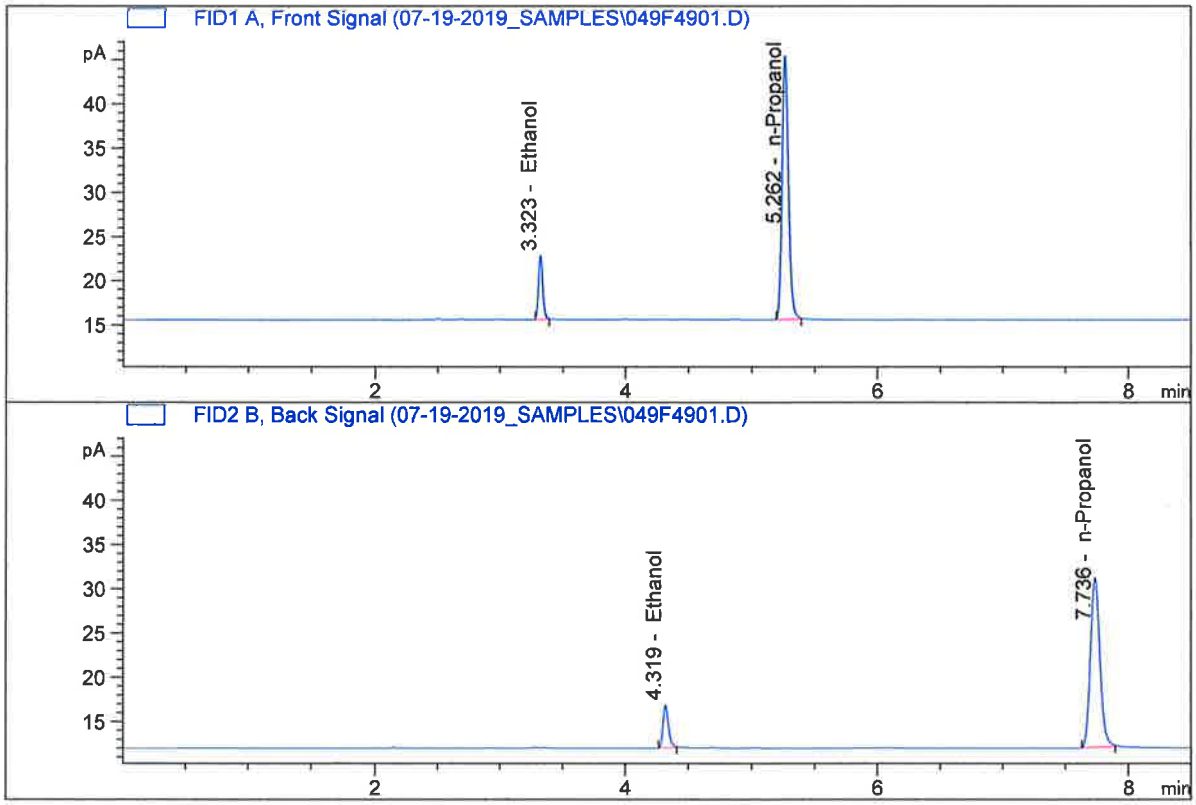
Reported Result

0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

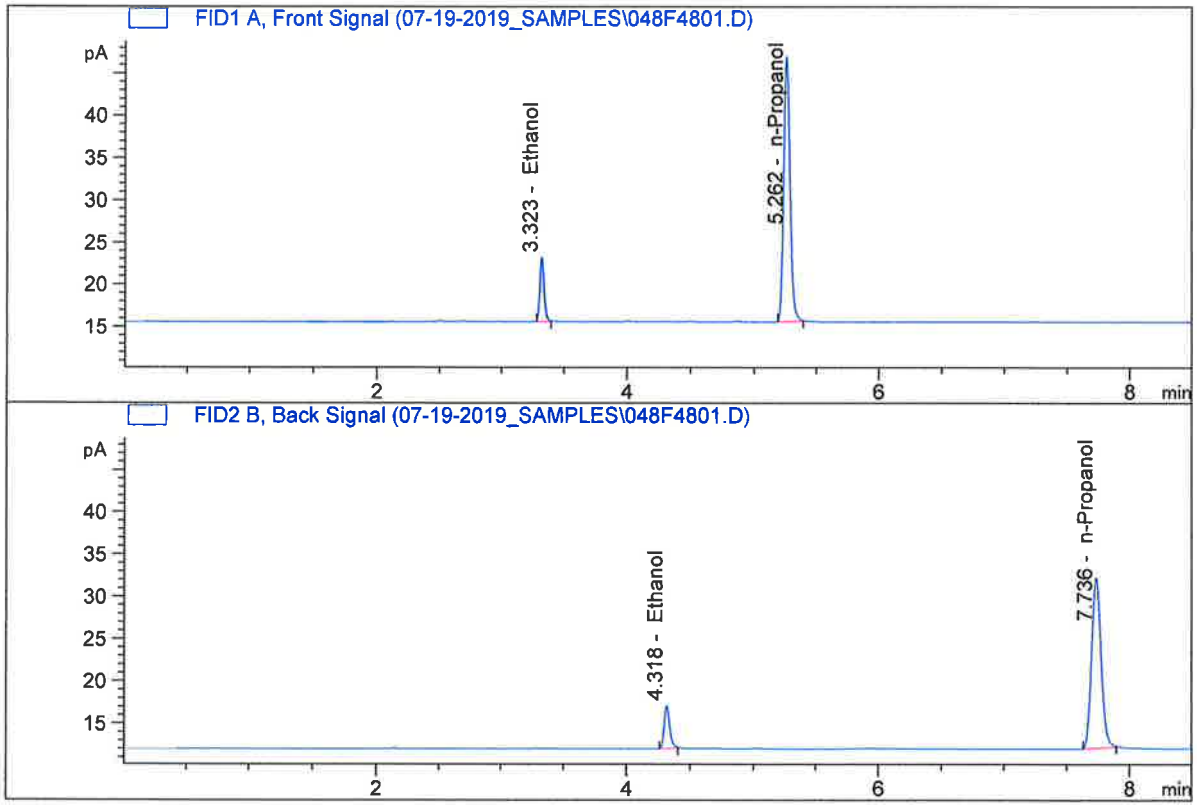
Sample Name : QC1-2-B
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.46617	0.0790	g/100cc
2.	Ethanol	Column 2:	14.58851	0.0740	g/100cc
3.	n-Propanol	Column 1:	106.70859	1.0000	g/100cc
4.	n-Propanol	Column 2:	100.75249	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Pocatello
Injection Date : Jul 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.39201	0.0792	g/100cc
2.	Ethanol	Column 2:	15.33881	0.0739	g/100cc
3.	n-Propanol	Column 1:	112.36787	1.0000	g/100cc
4.	n-Propanol	Column 2:	106.13203	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 20 Jul 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2022	0.1961	0.0061	0.1991	0.1994	
(g/100cc)	0.2027	0.1969	0.0058	0.1998		

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%**

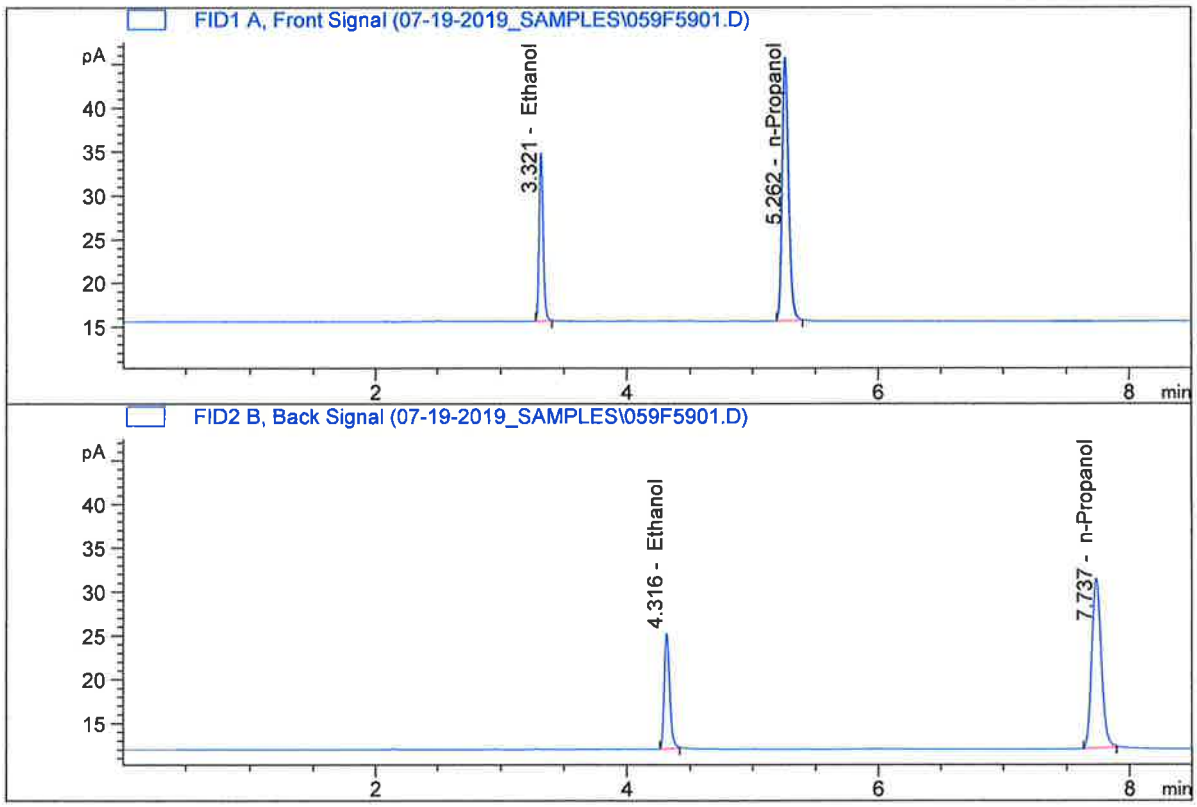
Overall Mean (g/100cc)	Low	High	5% of Mean
0.199	0.189	0.209	0.010

Reported Result
0.199

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

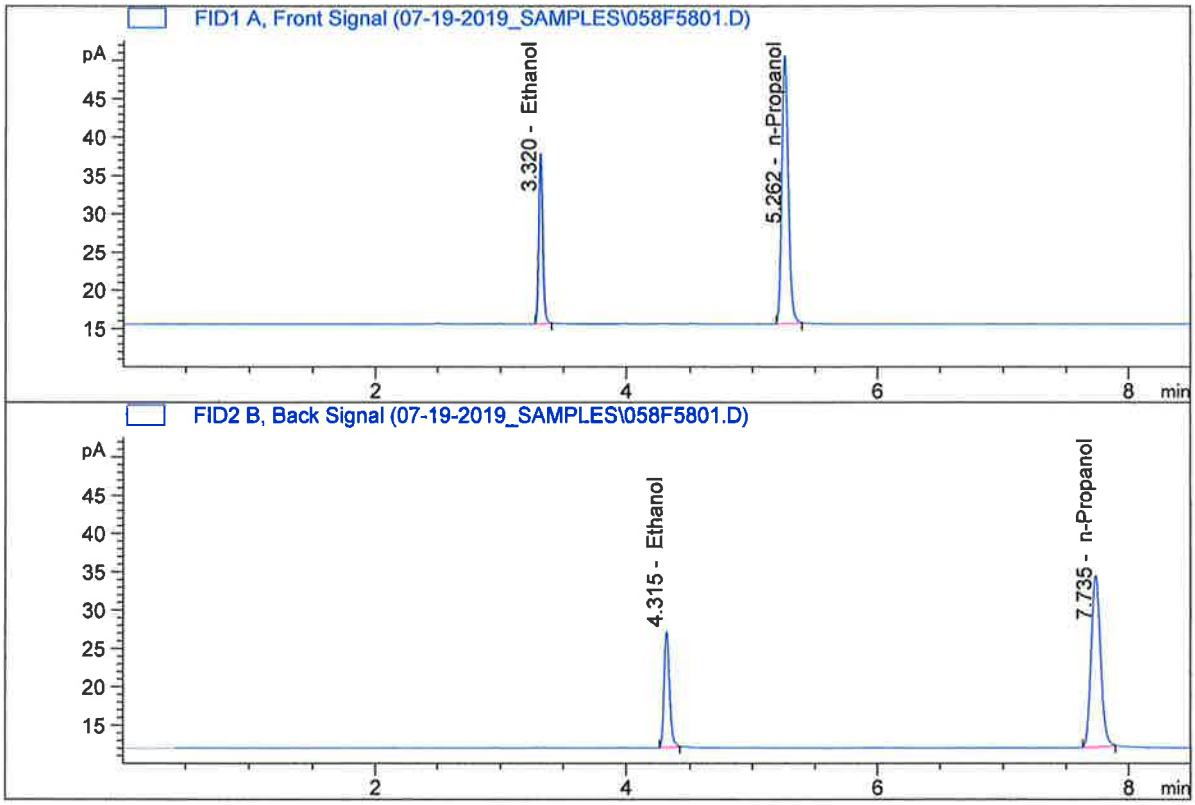
Sample Name : QC2-2-B
Laboratory : Pocatello
Injection Date : Jul 20, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.80754	0.2027	g/100cc
2.	Ethanol	Column 2:	39.18802	0.1969	g/100cc
3.	n-Propanol	Column 1:	108.10535	1.0000	g/100cc
4.	n-Propanol	Column 2:	101.73029	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Pocatello
Injection Date : Jul 20, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

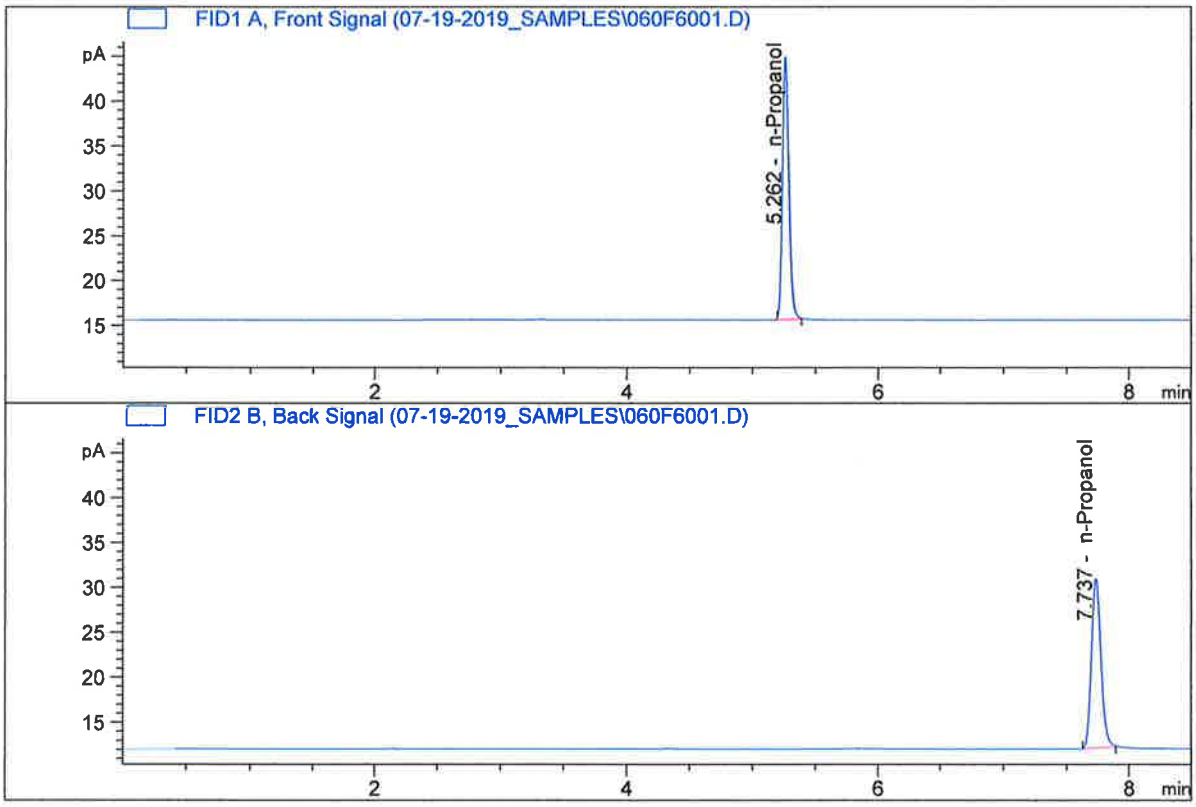


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	49.42430	0.2022	g/100cc
2.	Ethanol	Column 2:	45.03238	0.1961	g/100cc
3.	n-Propanol	Column 1:	125.12701	1.0000	g/100cc
4.	n-Propanol	Column 2:	117.38235	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Jul 20, 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:	104.69505	1.0000	g/100cc
4.	n-Propanol	Column 2:	99.12978	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_19.07.2019_01.56.30\07-19-19_SAMPLES.S
Data directory path: C:\Chem32\1\Data\07-19-2019_SAMPLES
Logbook: C:\Chem32\1\Data\07-19-2019_SAMPLES\07-19-19_SAMPLES.LOG
Sequence start: 7/19/2019 2:10:20 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	P2019-1990-1-A	-	1.0000	008F0801.D	4
9	9	1	P2019-1990-1-B	-	1.0000	009F0901.D	6
10	10	1	P2019-2091-1-A	-	1.0000	010F1001.D	4
11	11	1	P2019-2091-1-B	-	1.0000	011F1101.D	4
12	12	1	P2019-2105-2-A	-	1.0000	012F1201.D	2
13	13	1	P2019-2105-2-B	-	1.0000	013F1301.D	2
14	14	1	P2019-2106-1-A	-	1.0000	014F1401.D	4
15	15	1	P2019-2106-1-B	-	1.0000	015F1501.D	4
16	16	1	P2019-2115-1-A	-	1.0000	016F1601.D	6
17	17	1	P2019-2115-1-B	-	1.0000	017F1701.D	6
18	18	1	P2019-2116-1-A	-	1.0000	018F1801.D	6
19	19	1	P2019-2116-1-B	-	1.0000	019F1901.D	6
20	20	1	P2019-2139-1-A	-	1.0000	020F2001.D	4
21	21	1	P2019-2139-1-B	-	1.0000	021F2101.D	6
22	22	1	P2019-2145-1-A	-	1.0000	022F2201.D	2
23	23	1	P2019-2145-1-B	-	1.0000	023F2301.D	2
24	24	1	P2019-2146-1-A	-	1.0000	024F2401.D	6
25	25	1	P2019-2146-1-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	P2019-2148-1-A	-	1.0000	028F2801.D	6
29	29	1	P2019-2148-1-B	-	1.0000	029F2901.D	6
30	30	1	P2019-2149-1-A	-	1.0000	030F3001.D	4
31	31	1	P2019-2149-1-B	-	1.0000	031F3101.D	4
32	32	1	P2019-2151-1-A	-	1.0000	032F3201.D	6
33	33	1	P2019-2151-1-B	-	1.0000	033F3301.D	6
34	34	1	P2019-2154-1-A	-	1.0000	034F3401.D	4
35	35	1	P2019-2154-1-B	-	1.0000	035F3501.D	4
36	36	1	P2019-2170-1-A	-	1.0000	036F3601.D	4
37	37	1	P2019-2170-1-B	-	1.0000	037F3701.D	4
38	38	1	P2019-2185-1-A	-	1.0000	038F3801.D	6
39	39	1	P2019-2185-1-B	-	1.0000	039F3901.D	5
40	40	1	P2019-2189-1-A	-	1.0000	040F4001.D	7
41	41	1	P2019-2189-1-B	-	1.0000	041F4101.D	7
42	42	1	P2019-2191-1-A	-	1.0000	042F4201.D	4
43	43	1	P2019-2191-1-B	-	1.0000	043F4301.D	4
44	44	1	P2019-2207-1-A	-	1.0000	044F4401.D	4
45	45	1	P2019-2207-1-B	-	1.0000	045F4501.D	4
46	46	1	P2019-2208-1-A	-	1.0000	046F4601.D	4

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_19.07.2019_01.56.30\07-19-19_SAMPLES.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
47	47	1	P2019-2208-1-B	-	1.0000	047F4701.D		4
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	P2019-2210-1-A	-	1.0000	050F5001.D		6
51	51	1	P2019-2210-1-B	-	1.0000	051F5101.D		6
52	52	1	P2019-2221-1-A	-	1.0000	052F5201.D		6
53	53	1	P2019-2221-1-B	-	1.0000	053F5301.D		6
54	54	1	P2019-2222-1-A	-	1.0000	054F5401.D		6
55	55	1	P2019-2222-1-B	-	1.0000	055F5501.D		4
56	56	1	P2019-2223-1-A	-	1.0000	056F5601.D		6
57	57	1	P2019-2223-1-B	-	1.0000	057F5701.D		6
58	58	1	QC2-2-A	-	1.0000	058F5801.D		4
59	59	1	QC2-2-B	-	1.0000	059F5901.D		4
60	60	1	INT STD BLK	-	1.0000	060F6001.D		2