Worklist: 4720

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2020-2460	1	BCK	Alcohol Analysis
C2020-2540	1	BCK	Alcohol Analysis
C2020-2591	1	BCK	Alcohol Analysis
C2020-2607	1	BCK	Alcohol Analysis
C2020-2608	1	BCK	Alcohol Analysis
C2020-2618	1	BCK	Alcohol Analysis
C2021-0007	1	BCK	Alcohol Analysis
C2021-0028	1	BCK	Alcohol Analysis
P2020-2871	1	BCK	Alcohol Analysis
P2020-3727	1	BCK	Alcohol Analysis
P2020-3745	1	BCK	Alcohol Analysis
P2020-3767	1	BCK	Alcohol Analysis
P2020-3791	1	BCK	Alcohol Analysis
P2020-3795	1	BCK	Alcohol Analysis
P2020-3813	1	BCK	Alcohol Analysis
P2020-3814	1	BCK	Alcohol Analysis
P2020-3817	1	BCK	Alcohol Analysis

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11379

Volatiles Quality Assurance Controls **Run Date(s): 1-6-2021**

worklist #4720

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0755 g/100cc
					0.0771 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1957 g/100cc
					g/100cc
					g/100cc
Multi-Component mixture:		**Jul-22**	**Lot #**	FN07101701	OK
Curve Fit:		**Column 1**	0.99999	**Column2**	0.99997

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0504	0.0485	0.0019	0.0494
100	0.100	0.090 - 0.110	0.1017	0.0992	0.0025	0.1004
200	0.200	0.180 - 0.220	0.1984	0.1961	0.0023	0.1972
300	0.300	0.270 - 0.330	0.3002	0.2991	0.0011	0.2996
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5001	0.5024	0.0023	0.5012

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.079 g/100cc

REVIEWED
By Jeremy Johnston at 10:34 am, Jan 11, 2021

Revision: 2
Issue Date: 12/23/2019
Issuing Authority: Quality Manager

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_06.01.2021_11.11.25\01-06-2021cal.S

S a m p l e S u m m a r y

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_06.01.2021_11.11.25\01-06-2021cal.S
Data directory path: C:\Chem32\1\Data\01-06-2021CAL
Logbook: C:\Chem32\1\Data\01-06-2021CAL\01-06-2021cal.LOG
Sequence start: 1/6/2021 11:25:09 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	WATER	-	1.0000	001F0101.D		0
2	2	1	0.05	-	1.0000	002F0201.D	*	4
3	3	1	0.100	-	1.0000	003F0301.D	*	4
4	4	1	0.200	-	1.0000	004F0401.D	*	4
5	5	1	0.300	-	1.0000	005F0501.D	*	4
6	6	1	0.500	-	1.0000	006F0601.D	*	4
7	7	1	ISTD BLANK	-	1.0000	007F0701.D		2

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, January 06, 2021 12:48:47 PM
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

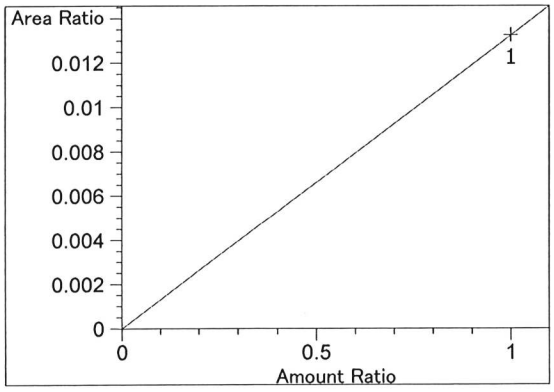
Method C:\CHEM32\1\METHODS\ALCOHOL.M

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.165	2	1	1.00000	1.06794	9.36380e-1	No	No	2	Difluoroethane
2.213	1	1	1.00000	5.00000	2.00000e-1	No	No	1	Difluoroethane
2.494	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.772	1	1	1.00000	3.19311	3.13174e-1	No	No	1	Acetaldehyde
2.797	2	1	1.00000	3.10575	3.21983e-1	No	No	2	Acetaldehyde
3.111	1	1	5.00000e-2	9.15321	5.46257e-3	No	No	1	Ethanol
		2	1.00000e-1	18.57746	5.38287e-3				
		3	2.00000e-1	36.82729	5.43076e-3				
		4	3.00000e-1	55.50044	5.40536e-3				
		5	5.00000e-1	92.93929	5.37986e-3				
3.211	2	1	1.00000	4.26062	2.34707e-1	No	No	2	Methanol
3.715	1	1	1.00000	9.73055	1.02769e-1	No	No	1	Isopropyl alcohol
4.184	2	1	5.00000e-2	8.80581	5.67807e-3	No	No	2	Ethanol
		2	1.00000e-1	17.96532	5.56628e-3				
		3	2.00000e-1	36.16518	5.53018e-3				
		4	3.00000e-1	55.01094	5.45346e-3				
		5	5.00000e-1	92.39960	5.41128e-3				
4.567	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.581	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
4.870	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
4.946	1	1	1.00000	87.22273	1.14649e-2	No	Yes	1	n-Propanol
		2	1.00000	87.76009	1.13947e-2				
		3	1.00000	89.17574	1.12138e-2				
		4	1.00000	88.81718	1.12591e-2				
		5	1.00000	89.29433	1.11989e-2				
7.628	2	1	1.00000	80.56351	1.24126e-2	No	Yes	2	n-Propanol
		2	1.00000	80.35847	1.24442e-2				
		3	1.00000	81.81761	1.22223e-2				
		4	1.00000	81.62074	1.22518e-2				
		5	1.00000	81.60310	1.22544e-2				

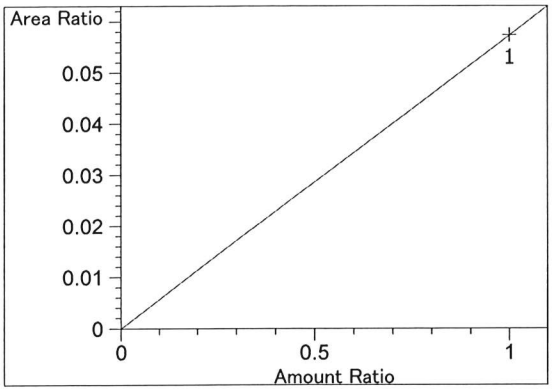
Peak Sum Table

No Entries in table

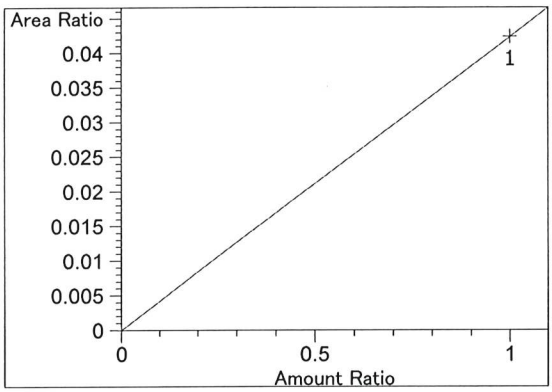
Calibration Curves



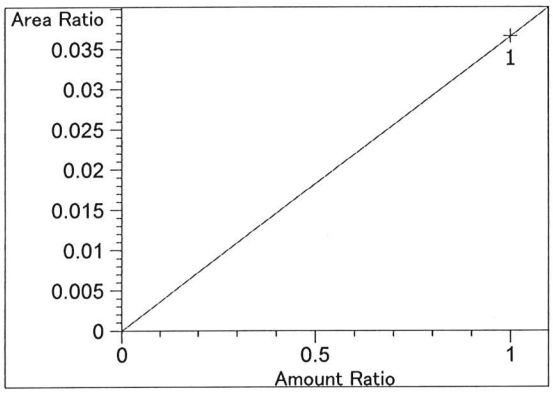
Difluoroethane at exp. RT: 2.165
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.32559e-2
x: Amount Ratio
y: Area Ratio



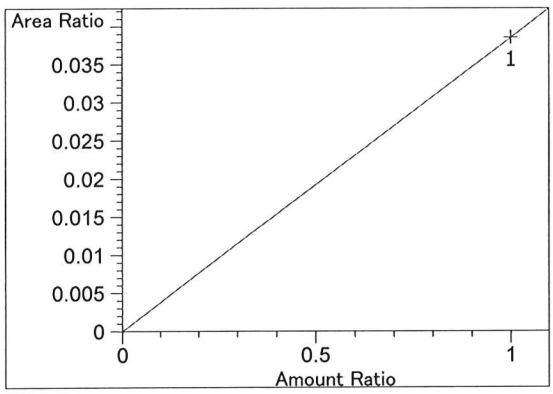
Difluoroethane at exp. RT: 2.213
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.73245e-2
x: Amount Ratio
y: Area Ratio



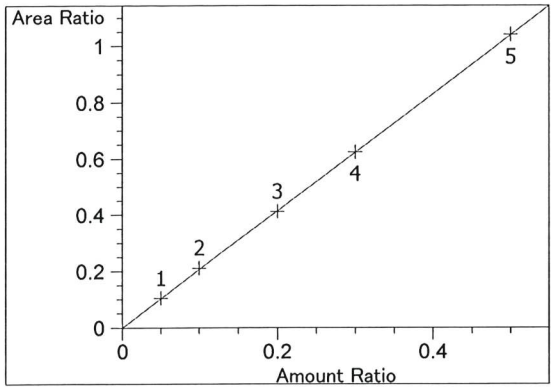
Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.23822e-2
x: Amount Ratio
y: Area Ratio



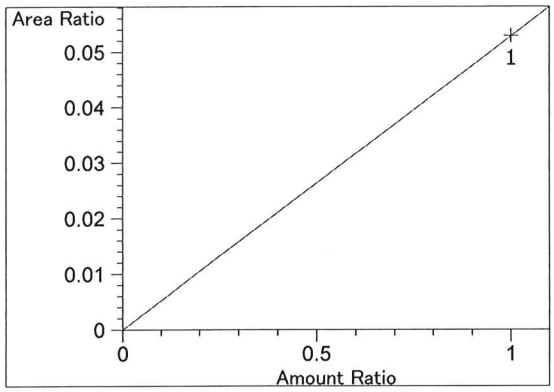
Acetaldehyde at exp. RT: 2.772
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.66087e-2
x: Amount Ratio
y: Area Ratio



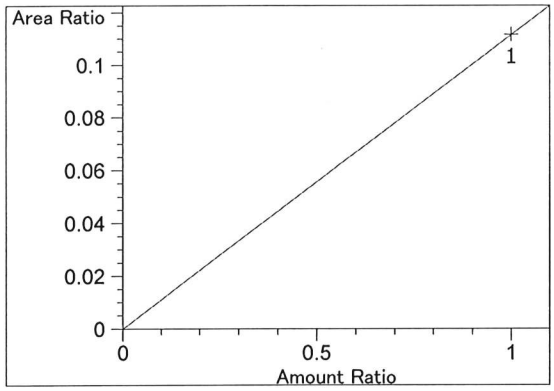
Acetaldehyde at exp. RT: 2.797
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.85503e-2
x: Amount Ratio
y: Area Ratio



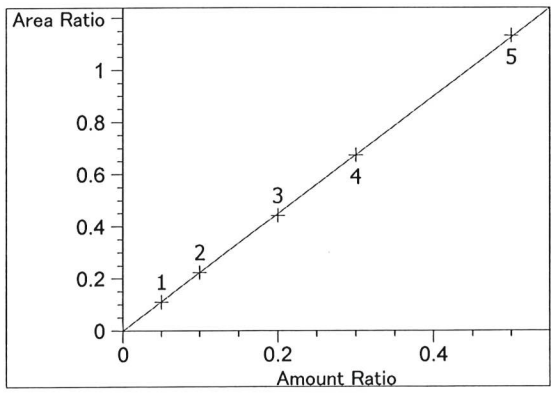
Ethanol at exp. RT: 3.111
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00247
Formula: y = mx
m: 2.08124
x: Amount Ratio
y: Area Ratio



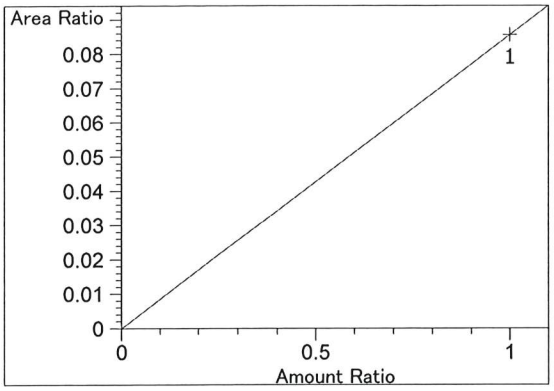
Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.28853e-2
x: Amount Ratio
y: Area Ratio



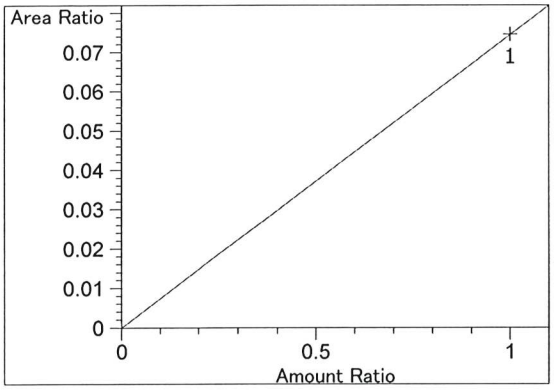
Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.11560e-1
x: Amount Ratio
y: Area Ratio



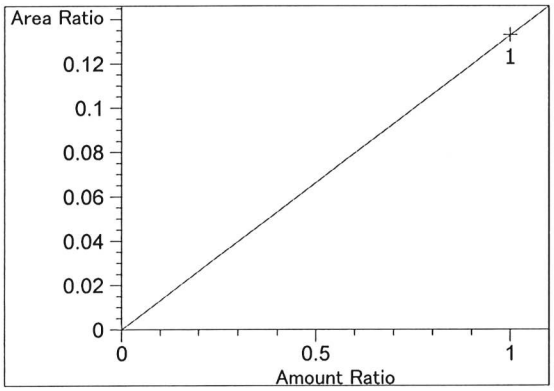
Ethanol at exp. RT: 4.184
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00559
Formula: y = mx
m: 2.25369
x: Amount Ratio
y: Area Ratio



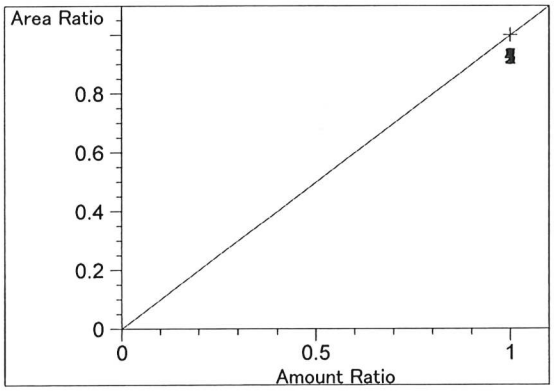
Acetone at exp. RT: 4.567
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.55600e-2
x: Amount Ratio
y: Area Ratio



Acetone at exp. RT: 4.581
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.45150e-2
x: Amount Ratio
y: Area Ratio

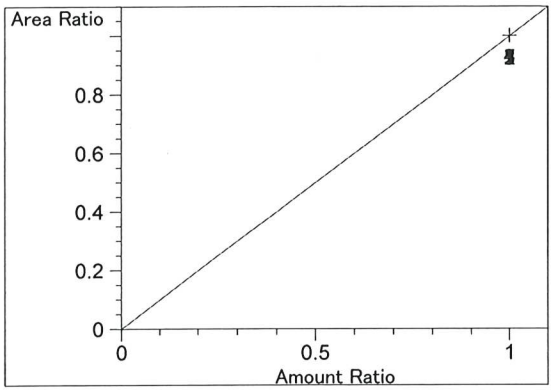


Isopropyl alcohol at exp. RT: 4.870
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.32894e-1
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.946
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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

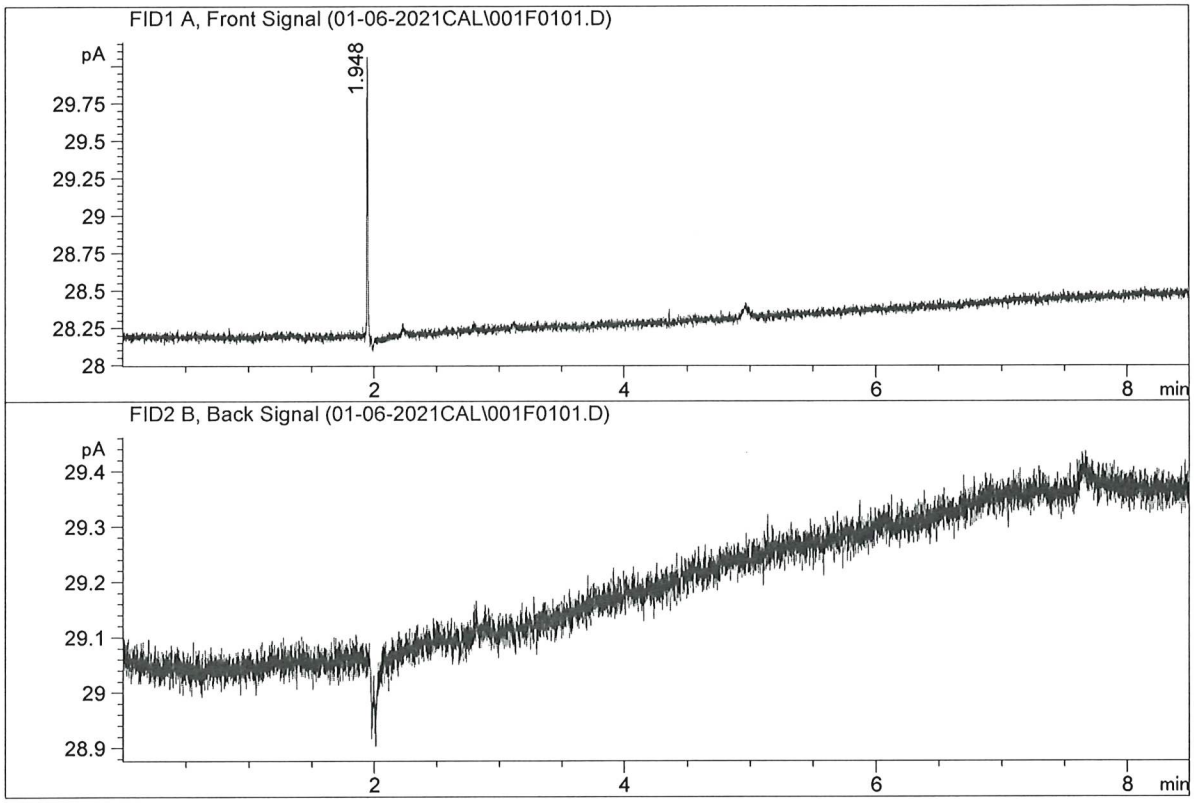


n-Propanol at exp. RT: 7.628
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

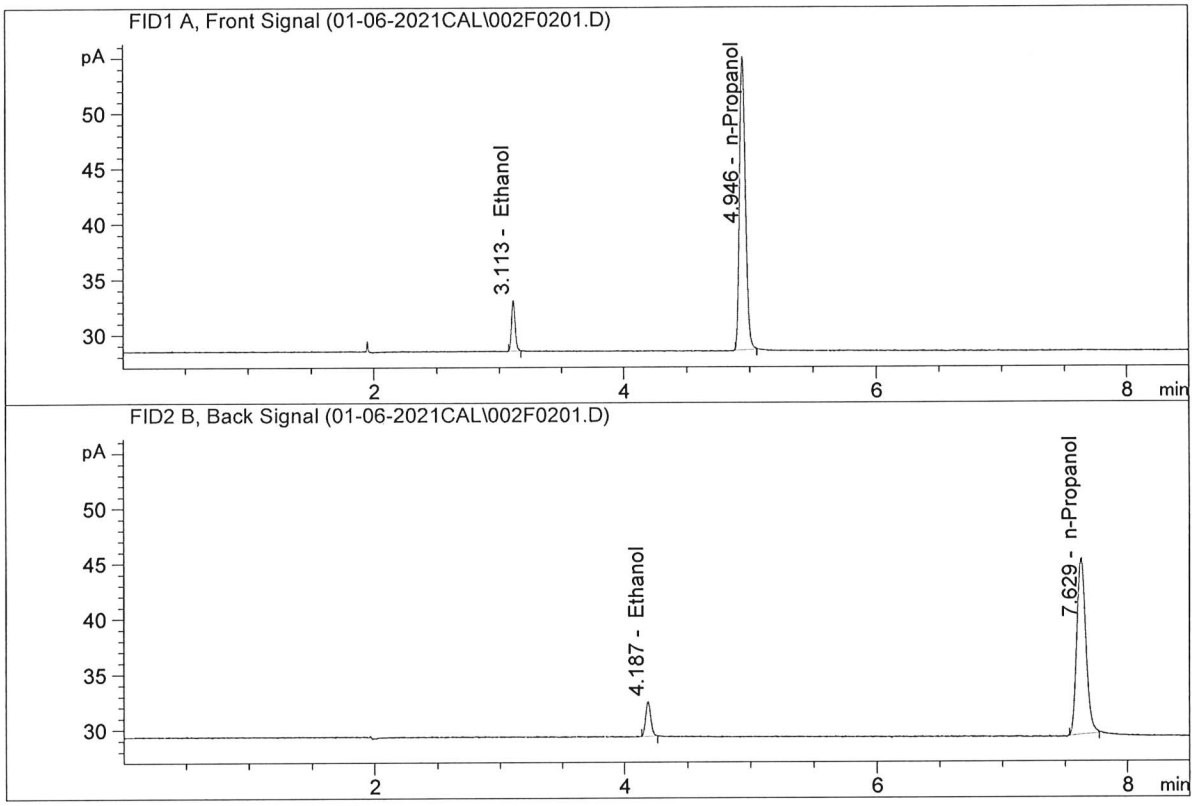
Sample Name : WATER
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

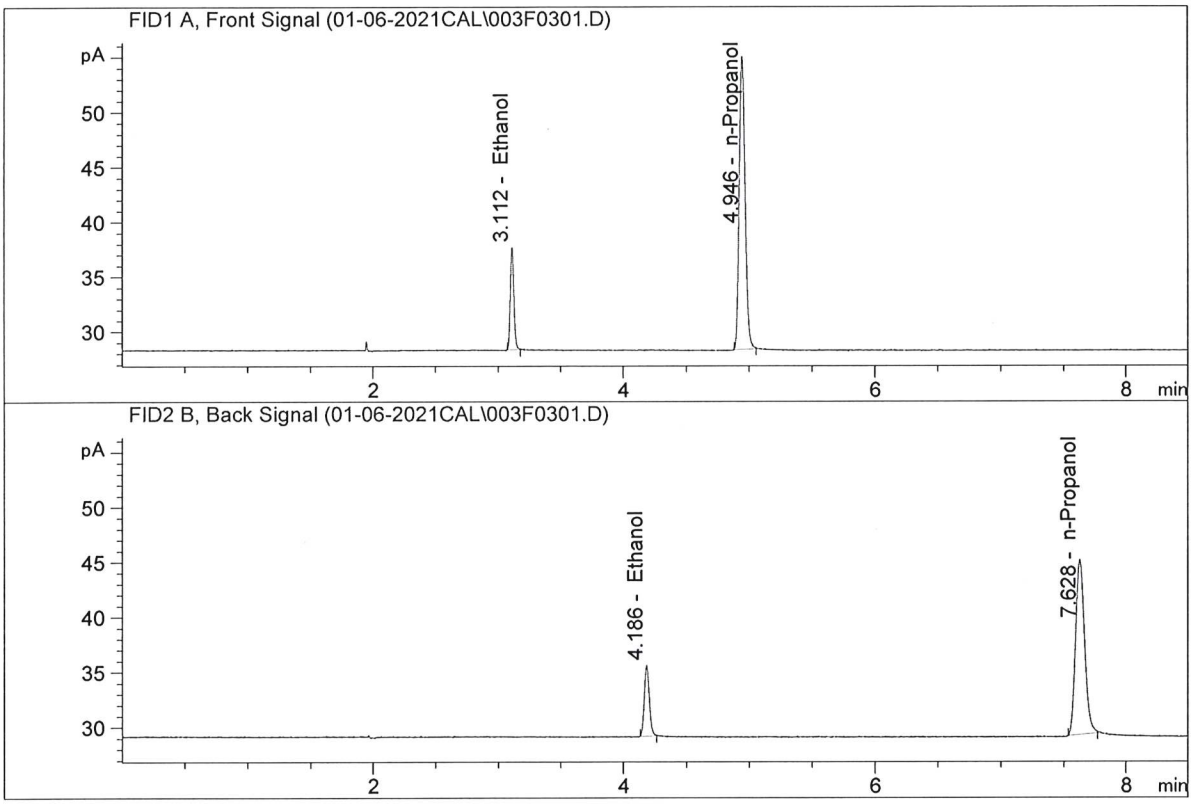
Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.15321	0.0504	g/100cc
2.	Ethanol	Column 2:	8.80581	0.0485	g/100cc
3.	n-Propanol	Column 1:	87.22273	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.56351	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

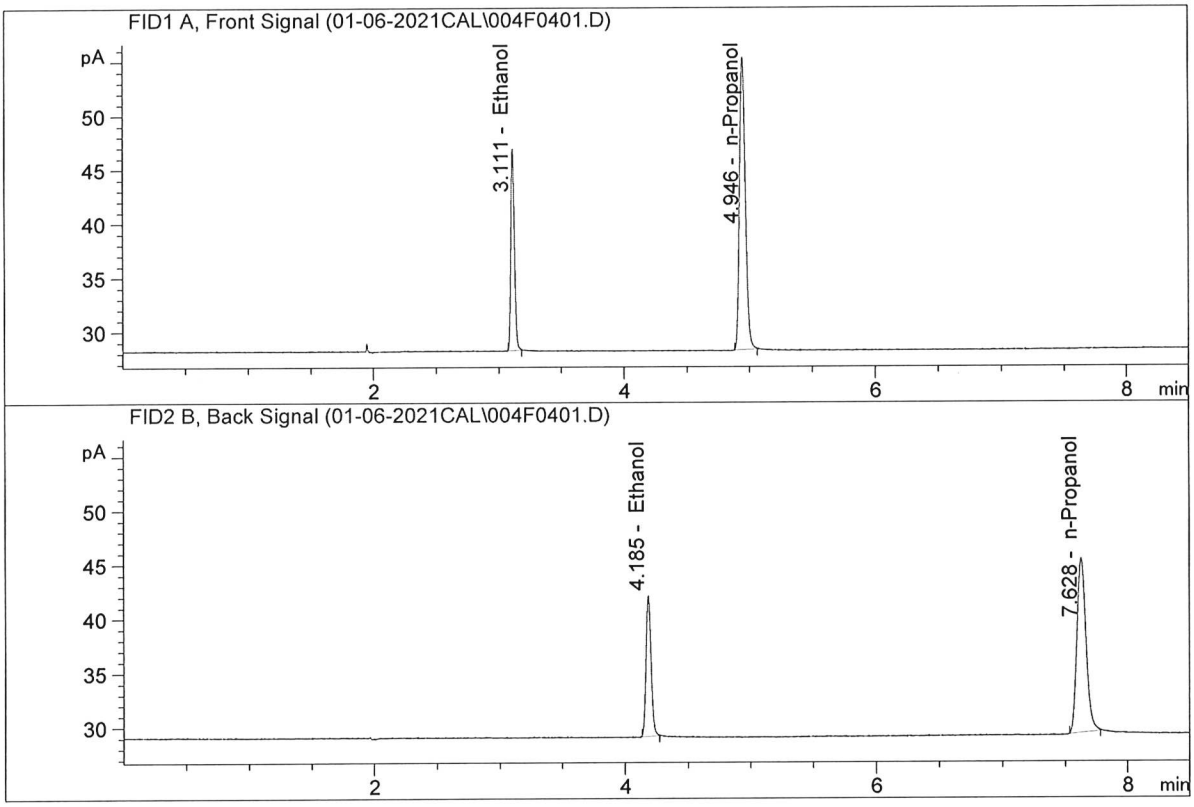


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.57746	0.1017	g/100cc
2.	Ethanol	Column 2:	17.96532	0.0992	g/100cc
3.	n-Propanol	Column 1:	87.76009	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.35847	1.0000	g/100cc

JNH

ISP Forensic Services Blood Alcohol Report

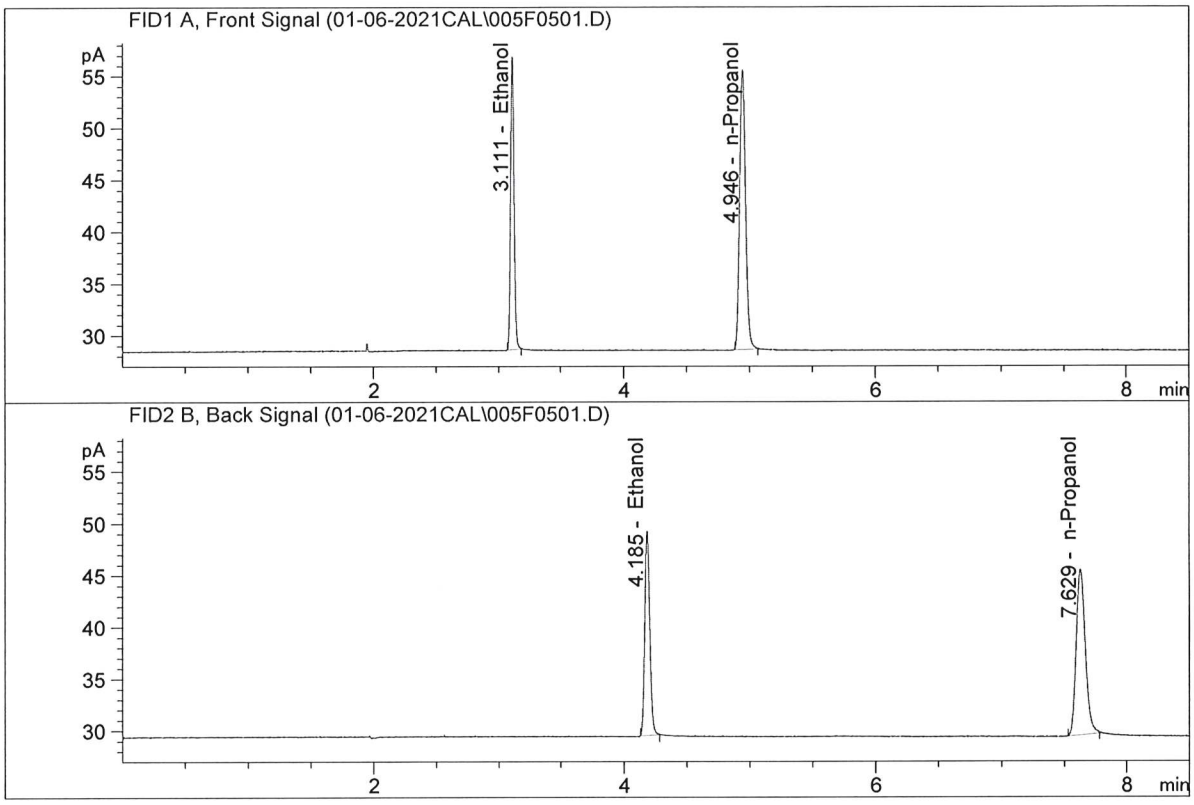
Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.82729	0.1984	g/100cc
2.	Ethanol	Column 2:	36.16518	0.1961	g/100cc
3.	n-Propanol	Column 1:	89.17574	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.81761	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

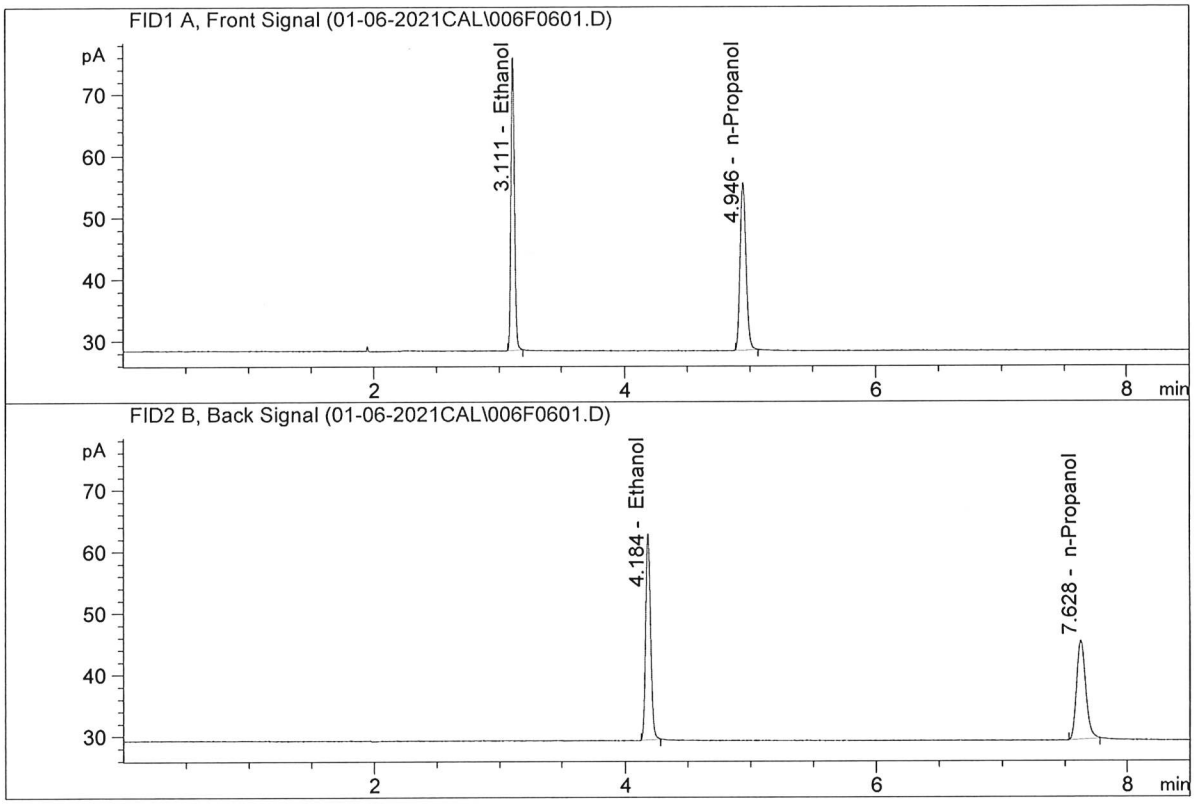
Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	55.50044	0.3002	g/100cc
2.	Ethanol	Column 2:	55.01094	0.2991	g/100cc
3.	n-Propanol	Column 1:	88.81718	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.62074	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

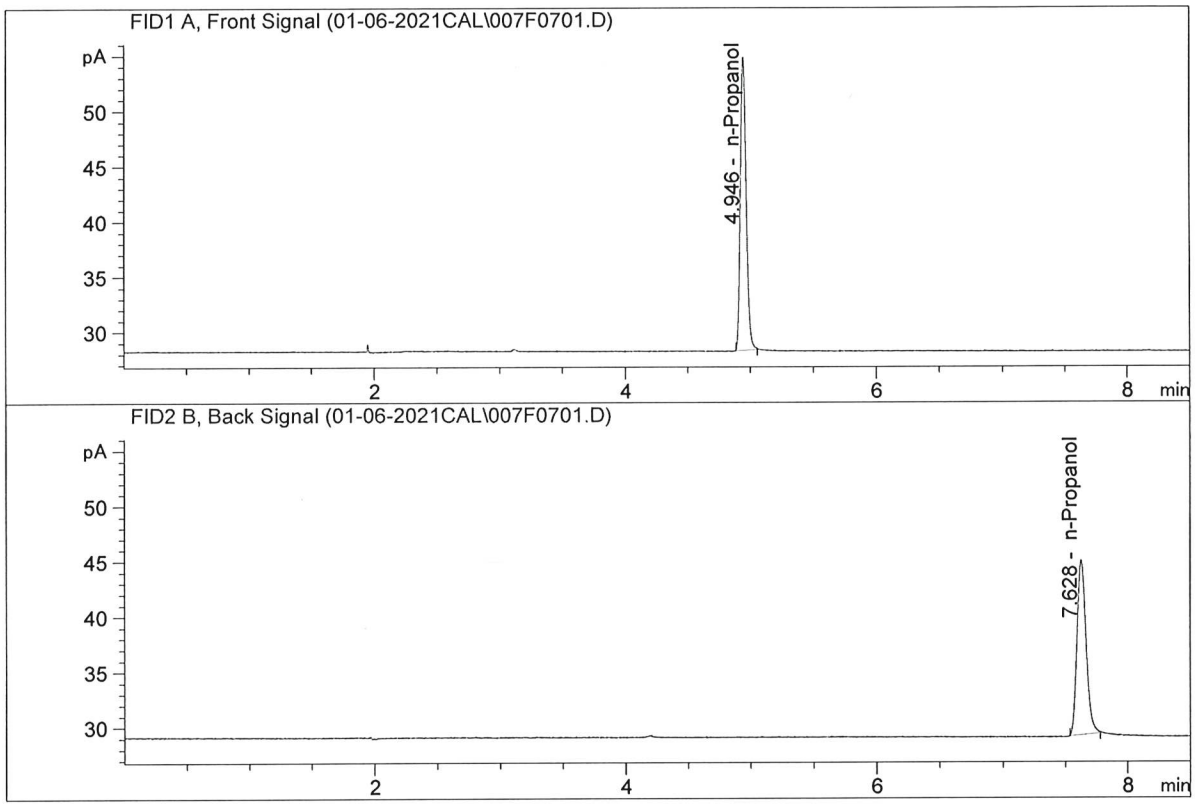
Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	92.93929	0.5001	g/100cc
2.	Ethanol	Column 2:	92.39960	0.5024	g/100cc
3.	n-Propanol	Column 1:	89.29433	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.60310	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	87.16219	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.13575	1.0000	g/100cc

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_06.01.2021_01.00.04\1-6-2021.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_06.01.2021_01.00.04\1-6-2021.S
Data directory path: C:\Chem32\1\Data\1-05-21SVJ
Logbook: C:\Chem32\1\Data\1-05-21SVJ\1-6-2021.LOG
Sequence start: 1/6/2021 1:13:53 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

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

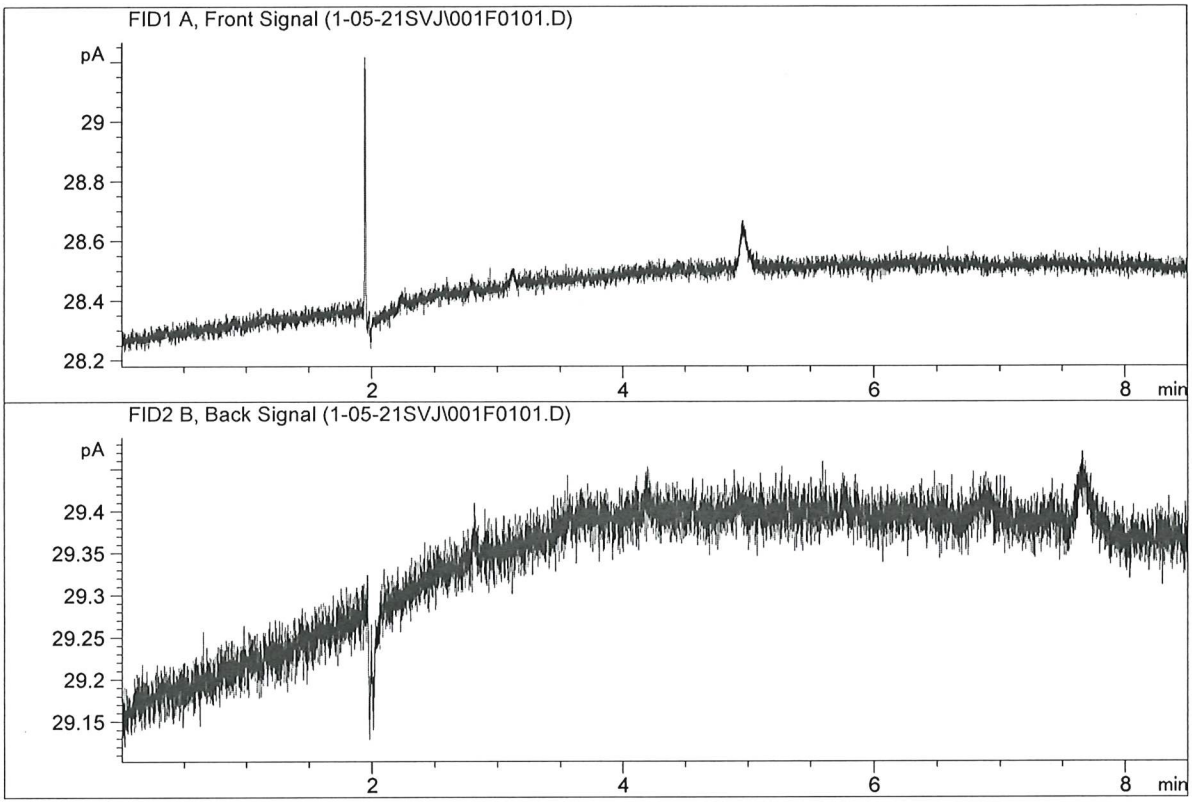
Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	water-1	-	1.0000	001F0101.D		0
2	2	1	VOL MIX	-	1.0000	002F0201.D		10
3	3	1	ISTD BLANK-1	-	1.0000	003F0301.D		2
4	4	1	QC-1(1)-A	-	1.0000	004F0401.D		4
5	5	1	QC-1(1)-B	-	1.0000	005F0501.D		4
6	6	1	0.08 FN09181807-	-	1.0000	006F0601.D		4
7	7	1	0.08 FN09181807-	-	1.0000	007F0701.D		4
8	8	1	C2020-2460-1-A	-	1.0000	008F0801.D		2
9	9	1	C2020-2460-1-B	-	1.0000	009F0901.D		2
10	10	1	C2020-2540-1-A	-	1.0000	010F1001.D		4
11	11	1	C2020-2540-1-B	-	1.0000	011F1101.D		4
12	12	1	C2020-2607-1-A	-	1.0000	012F1201.D		4
13	13	1	C2020-2607-1-B	-	1.0000	013F1301.D		4
14	14	1	C2020-2608-1-A	-	1.0000	014F1401.D		4
15	15	1	C2020-2608-1-B	-	1.0000	015F1501.D		4
16	16	1	C2020-2618-1-A	-	1.0000	016F1601.D		2
17	17	1	C2020-2618-1-B	-	1.0000	017F1701.D		2
18	18	1	C2021-0007-1-A	-	1.0000	018F1801.D		4
19	19	1	C2021-0007-1-B	-	1.0000	019F1901.D		4
20	20	1	C2021-0028-1-A	-	1.0000	020F2001.D		4
21	21	1	C2021-0028-1-B	-	1.0000	021F2101.D		4
22	22	1	P2020-2871-1-A	-	1.0000	022F2201.D		6
23	23	1	P2020-2871-1-B	-	1.0000	023F2301.D		6
24	24	1	P2020-3727-1-A	-	1.0000	024F2401.D		6
25	25	1	P2020-3727-1-B	-	1.0000	025F2501.D		5
26	26	1	QC-2(1)-A	-	1.0000	026F2601.D		4
27	27	1	QC-2(1)-B	-	1.0000	027F2701.D		4
28	28	1	P2020-3745-1-A	-	1.0000	028F2801.D		6
29	29	1	P2020-3745-1-B	-	1.0000	029F2901.D		6
30	30	1	P2020-3767-1-A	-	1.0000	030F3001.D		6
31	31	1	P2020-3767-1-B	-	1.0000	031F3101.D		6
32	32	1	P2020-3791-1-A	-	1.0000	032F3201.D		6
33	33	1	P2020-3791-1-B	-	1.0000	033F3301.D		6
34	34	1	P2020-3795-1-A	-	1.0000	034F3401.D		4
35	35	1	P2020-3795-1-B	-	1.0000	035F3501.D		4
36	36	1	P2020-3813-1-A	-	1.0000	036F3601.D		6
37	37	1	P2020-3813-1-B	-	1.0000	037F3701.D		6
38	38	1	P2020-3814-1-A	-	1.0000	038F3801.D		6
39	39	1	P2020-3814-1-B	-	1.0000	039F3901.D		6
40	40	1	P2020-3817-1-A	-	1.0000	040F4001.D		2
41	41	1	P2020-3817-1-B	-	1.0000	041F4101.D		2
42	42	1	QC-1(2)-A	-	1.0000	042F4201.D		4
43	43	1	QC-1(2)-B	-	1.0000	043F4301.D		4
44	44	1	ISTD BLANK-2	-	1.0000	044F4401.D		2
45	45	1	0.05 CHECK	-	1.0000	045F4501.D		4
46	46	1	0.100 CHECK	-	1.0000	046F4601.D		4

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_06.01.2021_01.00.04\1-6-2021.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
47	47	1	0.200 CHECK	-	1.0000	047F4701.D		4
48	48	1	0.300 CHECK	-	1.0000	048F4801.D		4
49	49	1	0.500 CHECK	-	1.0000	049F4901.D		4
50	50	1	water-2	-	1.0000	050F5001.D		0

ISP Forensic Services Blood Alcohol Report

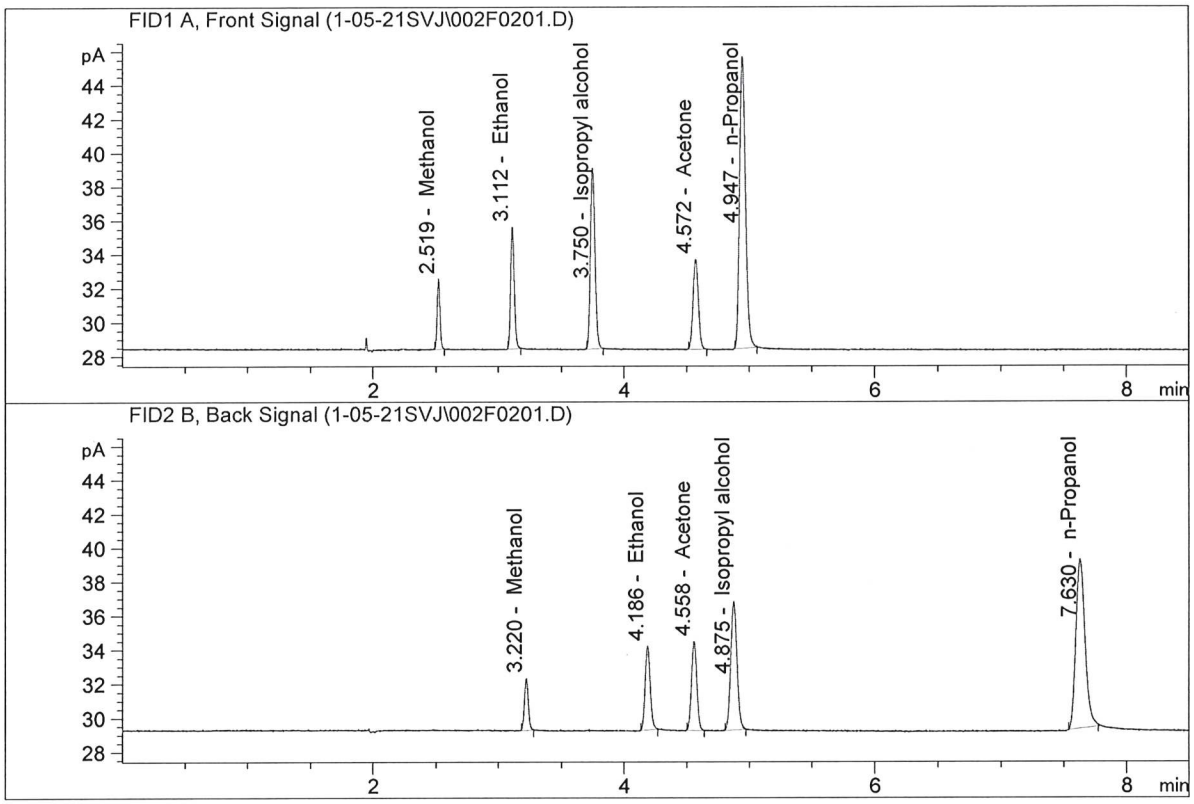
Sample Name : water-1
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

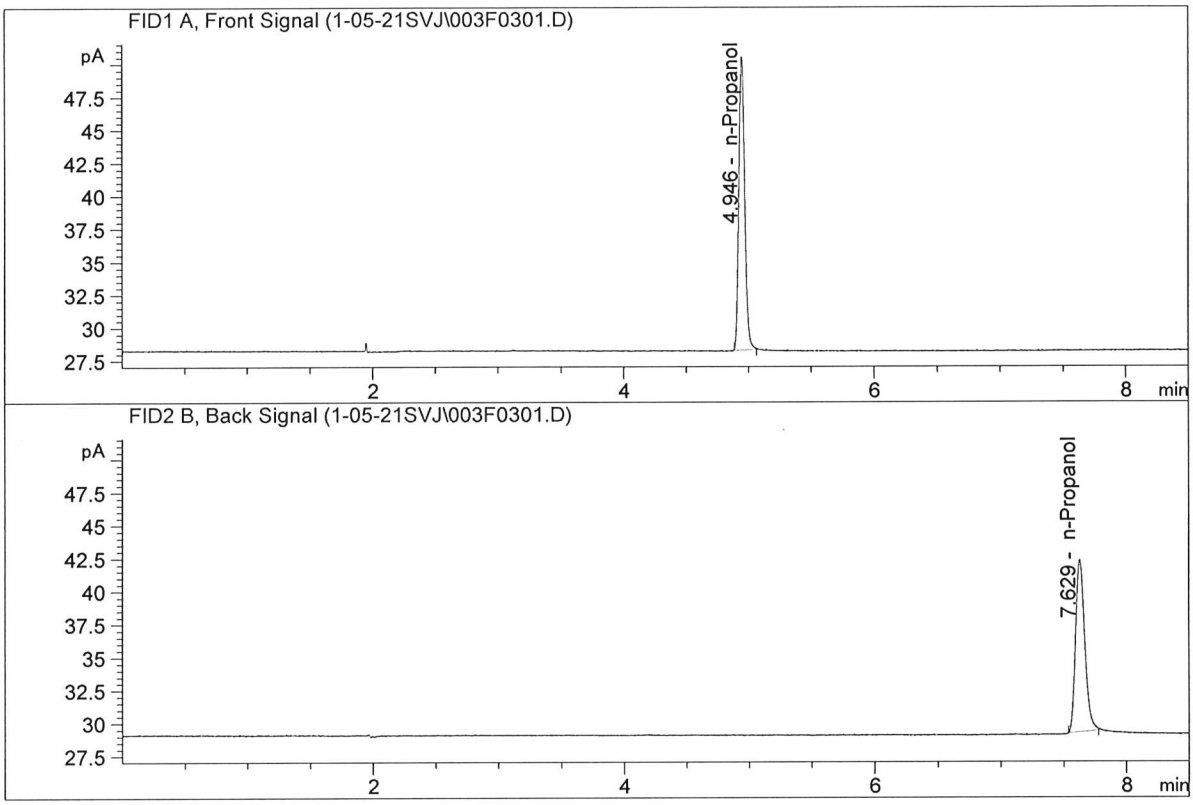
Sample Name : VOL MIX
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.35887	0.1213	g/100cc
2.	Ethanol	Column 2:	13.87915	0.1216	g/100cc
3.	n-Propanol	Column 1:	56.86062	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.66306	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	73.24392	1.0000	g/100cc
4.	n-Propanol	Column 2:	66.53617	1.0000	g/100cc

PN1

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(1) **Analysis Date(s): 06 Jan 2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0763	0.0753	0.0010	0.0758	0.0006	0.0755
(g/100cc)	0.0760	0.0744	0.0016	0.0752		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

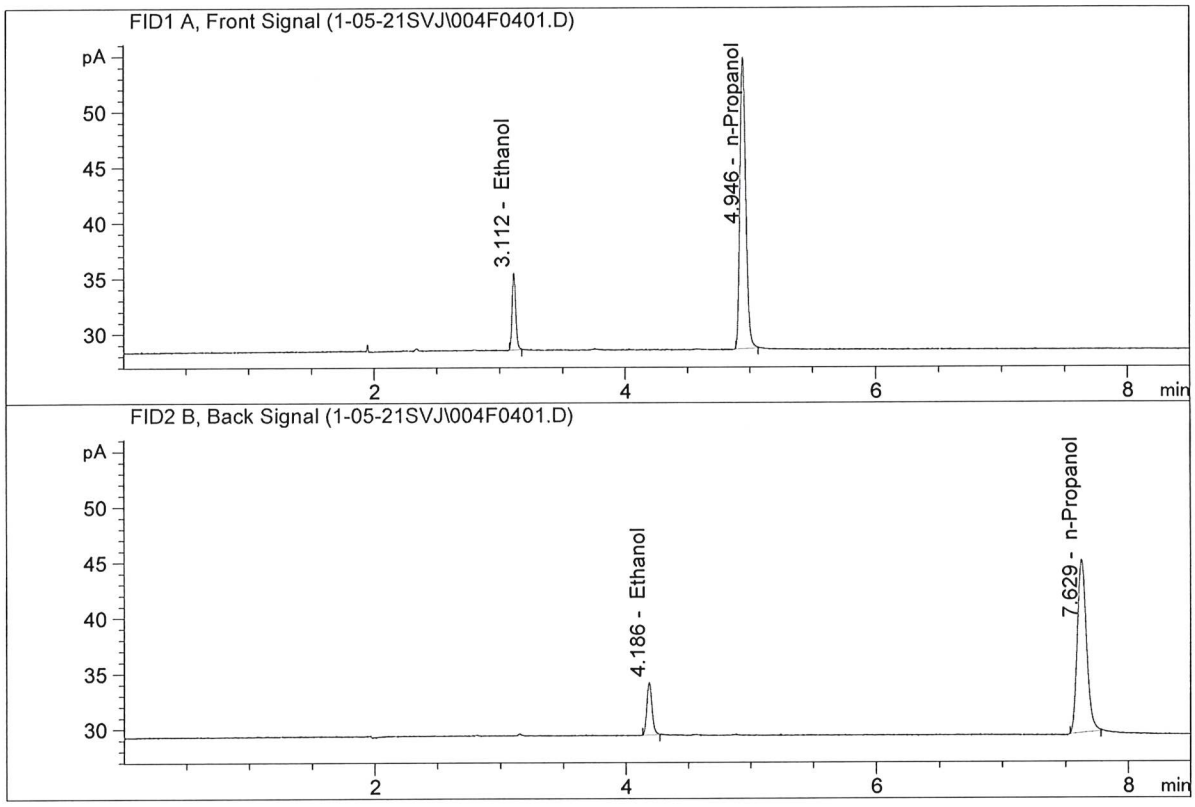
Overall Mean (g/100cc)	Low	High	5% of Mean
0.075	**0.071**	**0.079**	**0.004**

	Reported Result	
	0.075	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

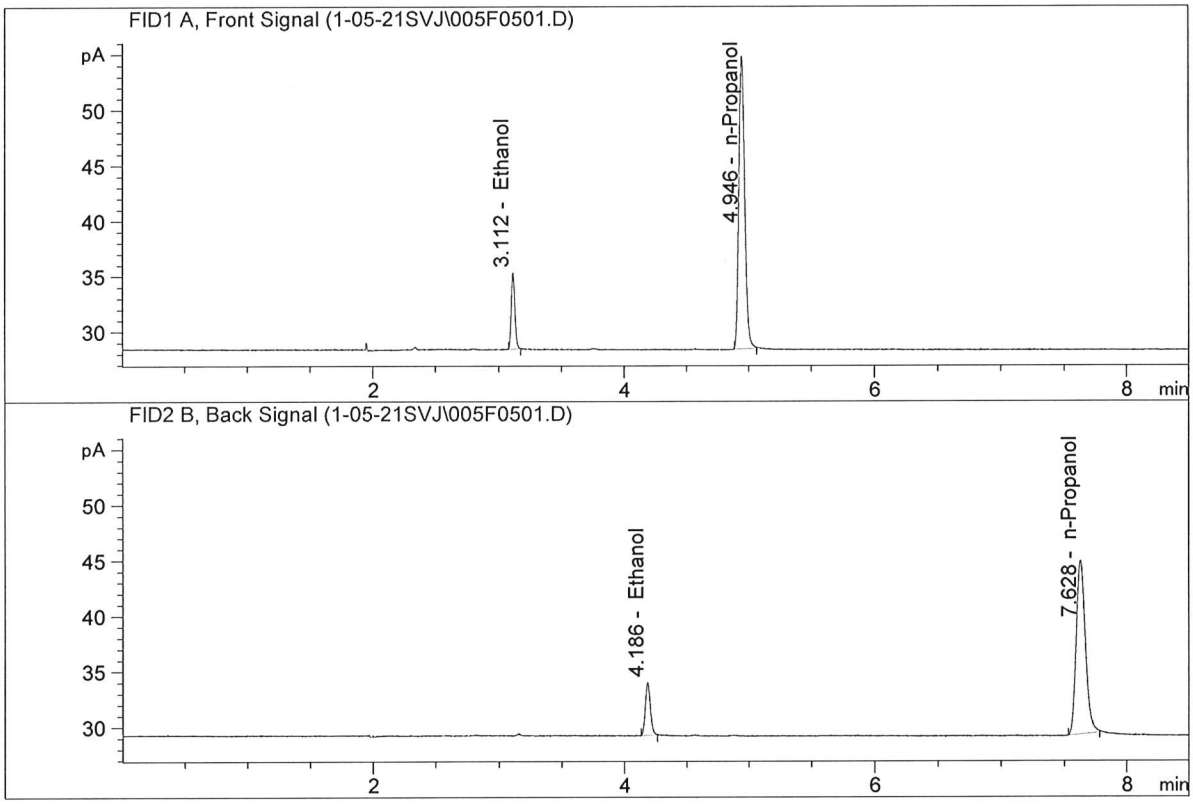
Sample Name : QC-1(1)-A
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.70401	0.0763	g/100cc
2.	Ethanol	Column 2:	13.39247	0.0753	g/100cc
3.	n-Propanol	Column 1:	86.31725	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.94572	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.69454	0.0760	g/100cc
2.	Ethanol	Column 2:	13.35710	0.0744	g/100cc
3.	n-Propanol	Column 1:	86.62432	1.0000	g/100cc
4.	n-Propanol	Column 2:	79.63492	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09181807 **Analysis Date(s): 06 Jan 2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0810	0.0790	0.0020	0.0800	0.0010	0.0795
(g/100cc)	0.0797	0.0783	0.0014	0.0790		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

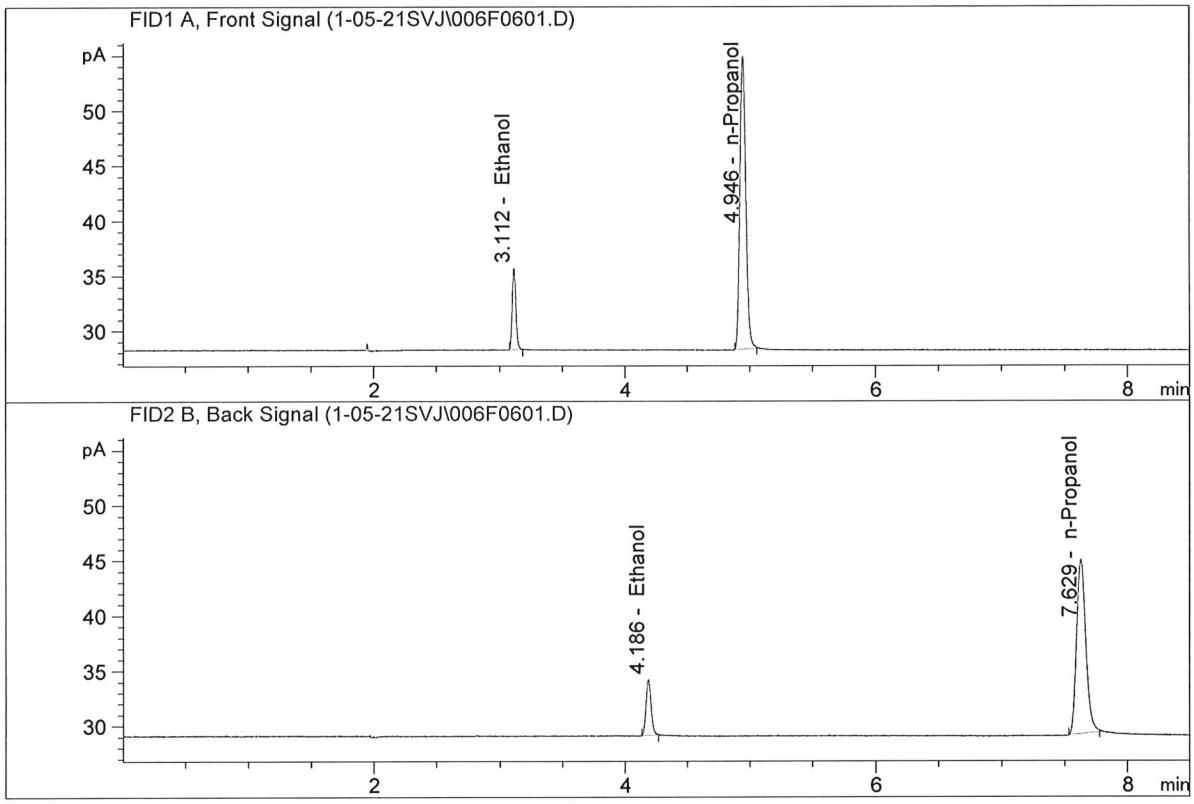
Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	0.075	0.083	0.004

Reported Result
0.079

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

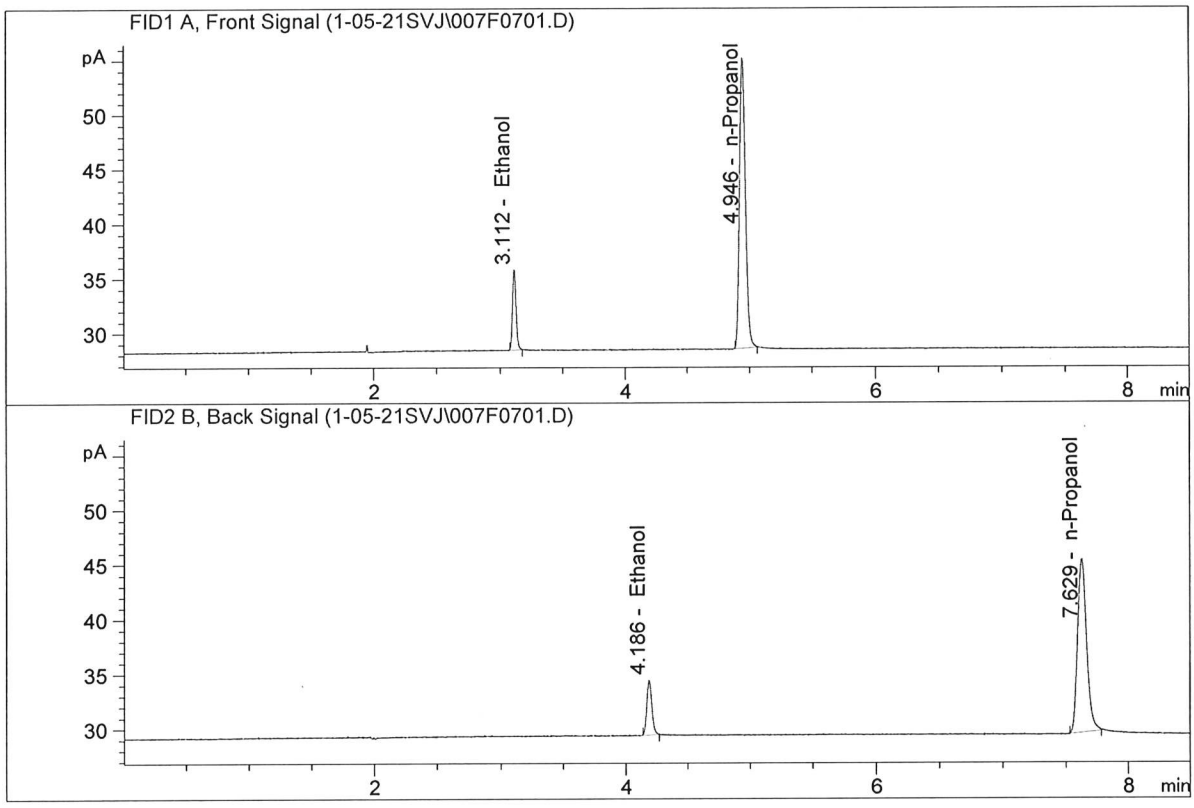
Sample Name : 0.08 FN09181807-A
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.75892	0.0810	g/100cc
2.	Ethanol	Column 2:	14.32219	0.0790	g/100cc
3.	n-Propanol	Column 1:	87.49599	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.42006	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09181807-B
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.51074	0.0797	g/100cc
2.	Ethanol	Column 2:	14.22759	0.0783	g/100cc
3.	n-Propanol	Column 1:	87.48087	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.57992	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(1) **Analysis Date(s): 06 Jan 2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1955	0.1943	0.0012	0.1949	0.0017	0.1957
(g/100cc)	0.1975	0.1957	0.0018	0.1966		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

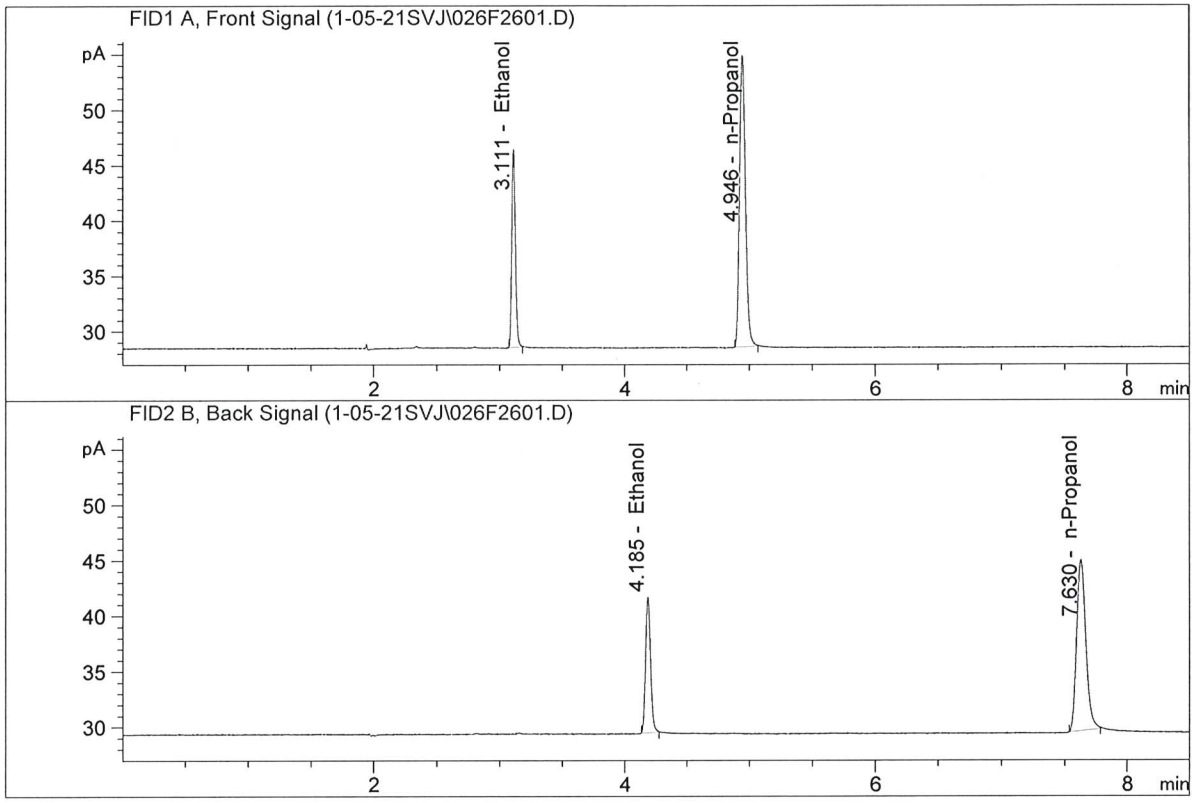
Overall Mean (g/100cc)	Low	High	5% of Mean
0.195	**0.185**	**0.205**	**0.010**

	Reported Result	
	0.195	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

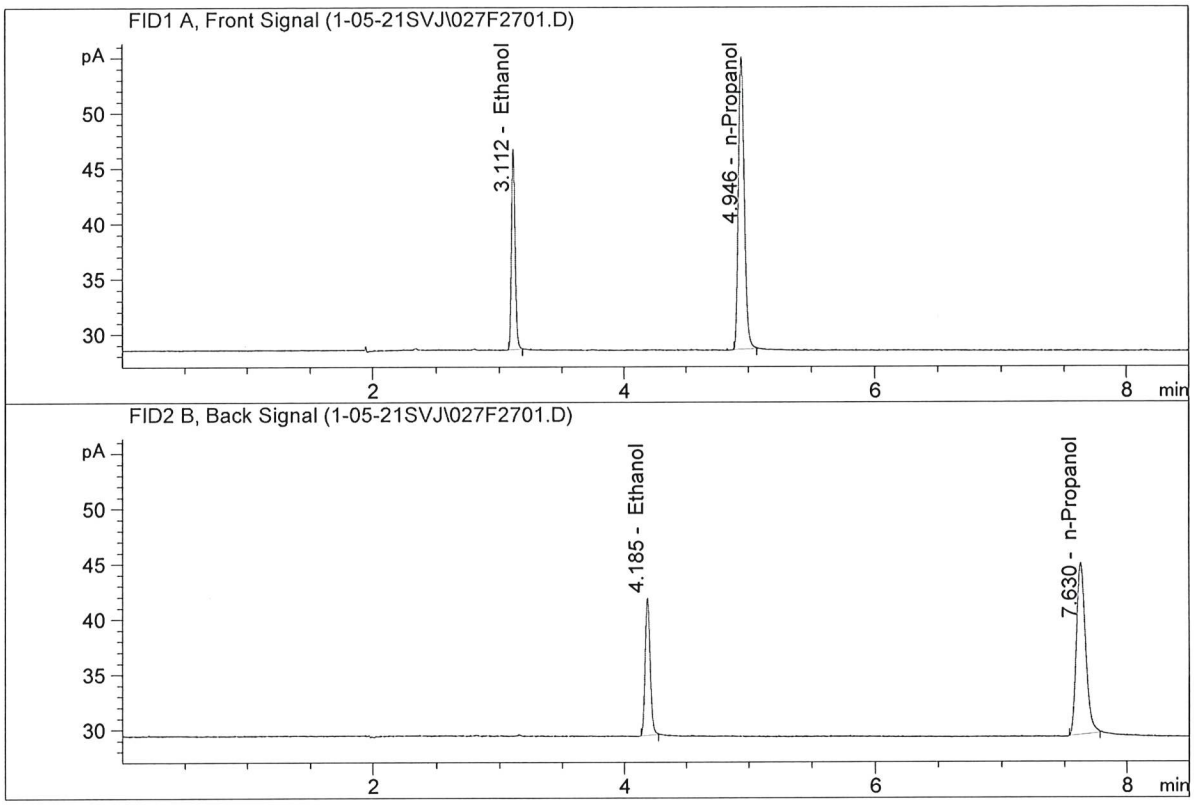
Sample Name : QC-2(1)-A
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	35.22964	0.1955	g/100cc
2.	Ethanol	Column 2:	34.37976	0.1943	g/100cc
3.	n-Propanol	Column 1:	86.57185	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.51966	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	35.71990	0.1975	g/100cc
2.	Ethanol	Column 2:	34.82226	0.1957	g/100cc
3.	n-Propanol	Column 1:	86.91250	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.96055	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(2) **Analysis Date(s): 06 Jan 2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0781	0.0766	0.0015	0.0773	0.0005	0.0771
(g/100cc)	0.0780	0.0757	0.0023	0.0768		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

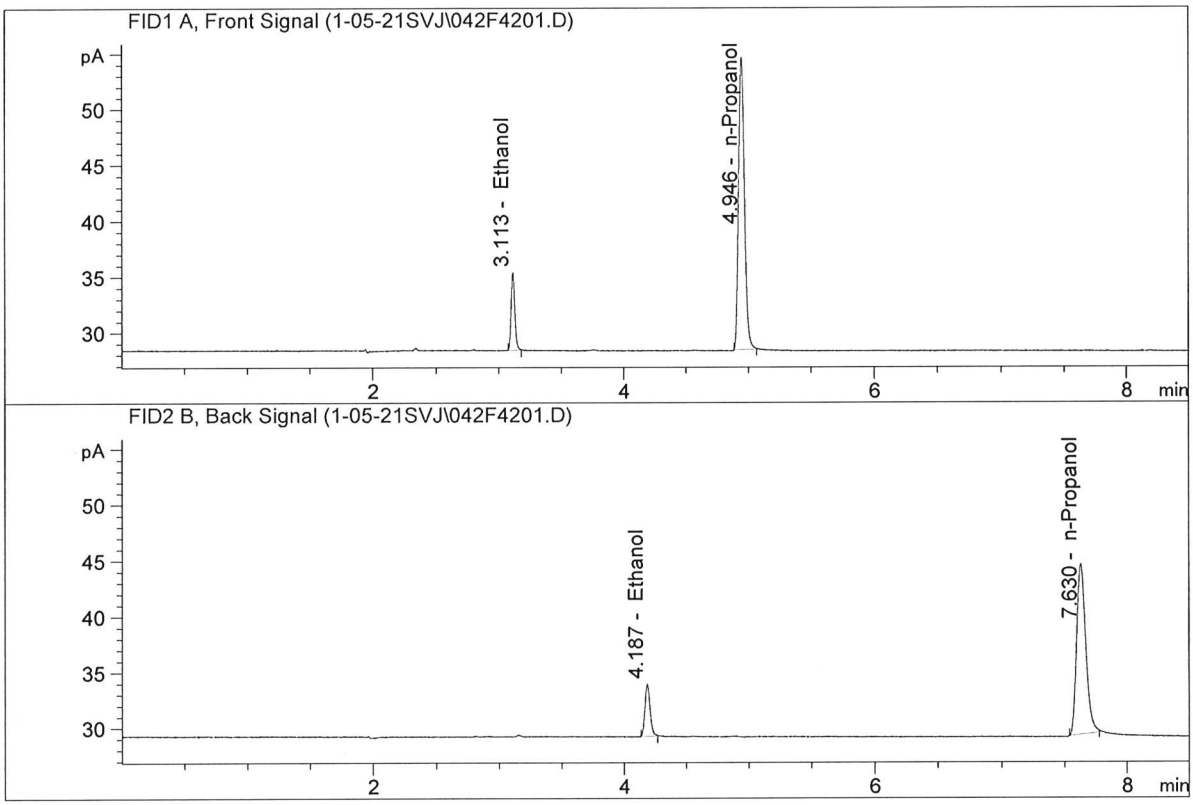
Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	0.073	0.081	0.004

Reported Result
0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

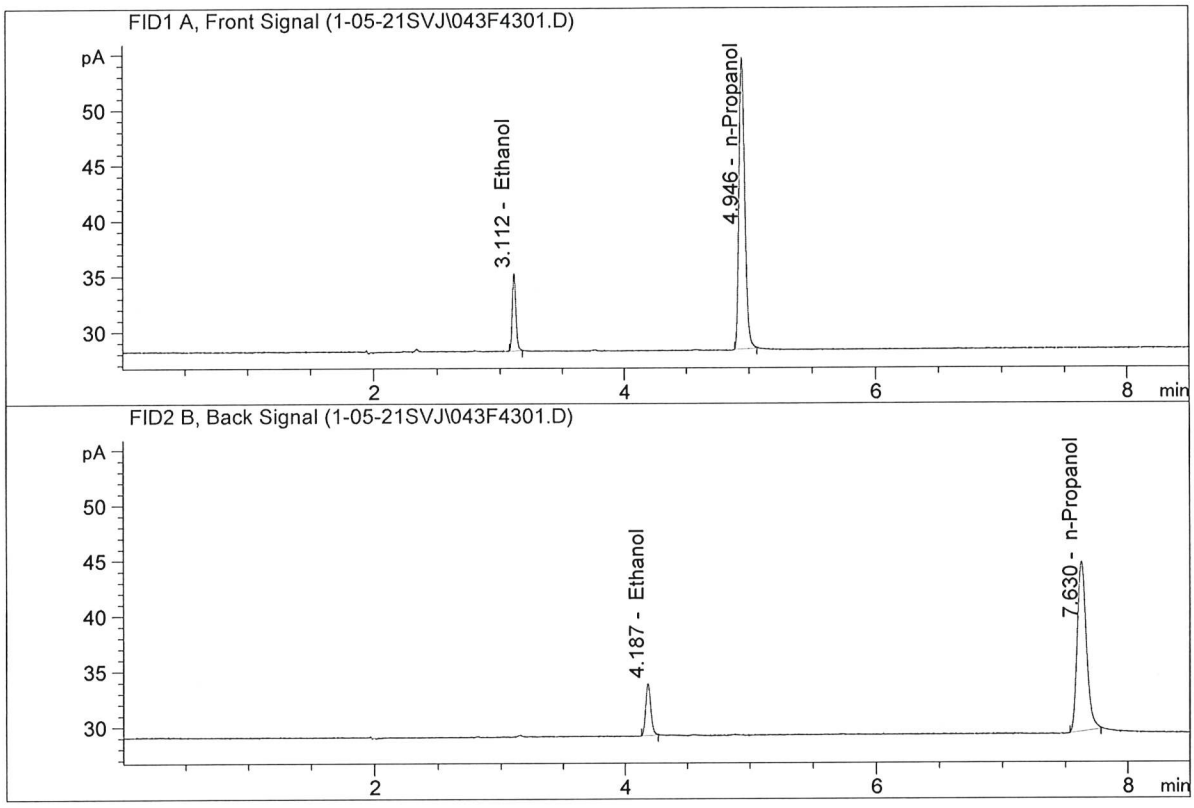
Sample Name : QC-1(2)-A
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.98763	0.0781	g/100cc
2.	Ethanol	Column 2:	13.39172	0.0766	g/100cc
3.	n-Propanol	Column 1:	86.04504	1.0000	g/100cc
4.	n-Propanol	Column 2:	77.55045	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

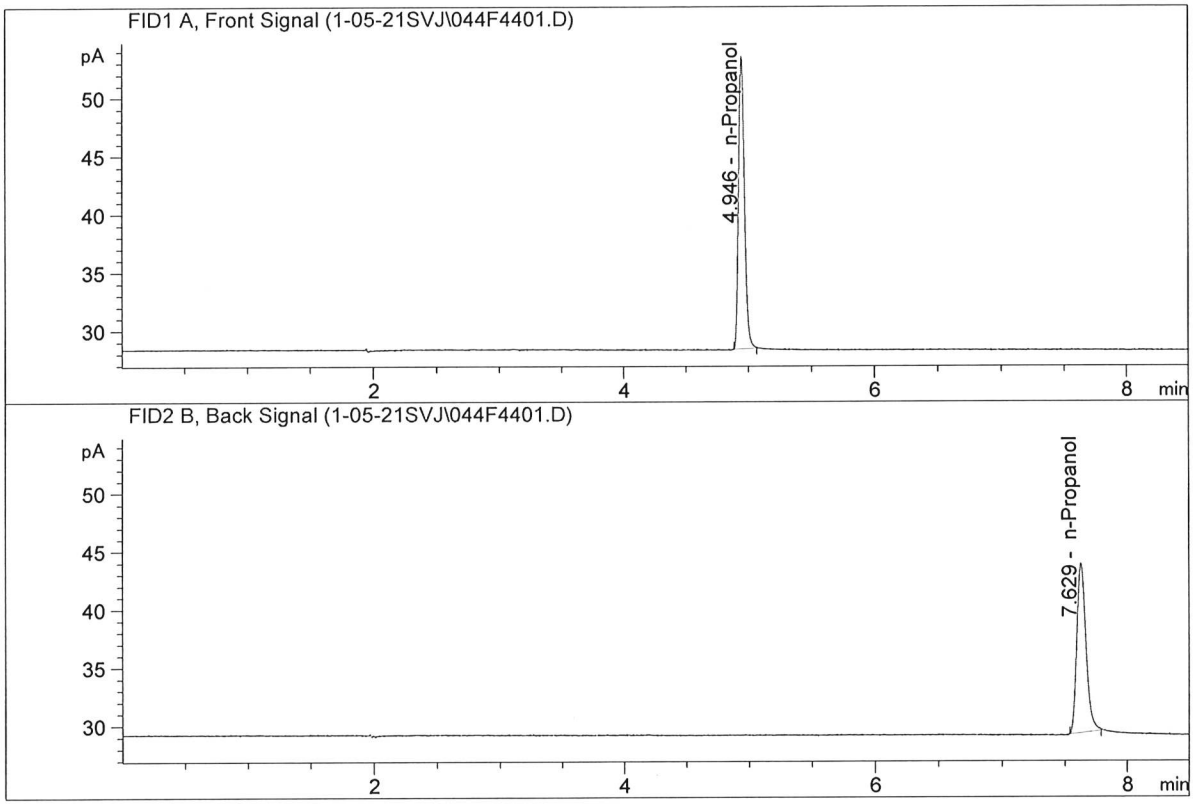
Sample Name : QC-1(2)-B
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.99311	0.0780	g/100cc
2.	Ethanol	Column 2:	13.31066	0.0757	g/100cc
3.	n-Propanol	Column 1:	86.18066	1.0000	g/100cc
4.	n-Propanol	Column 2:	77.99506	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

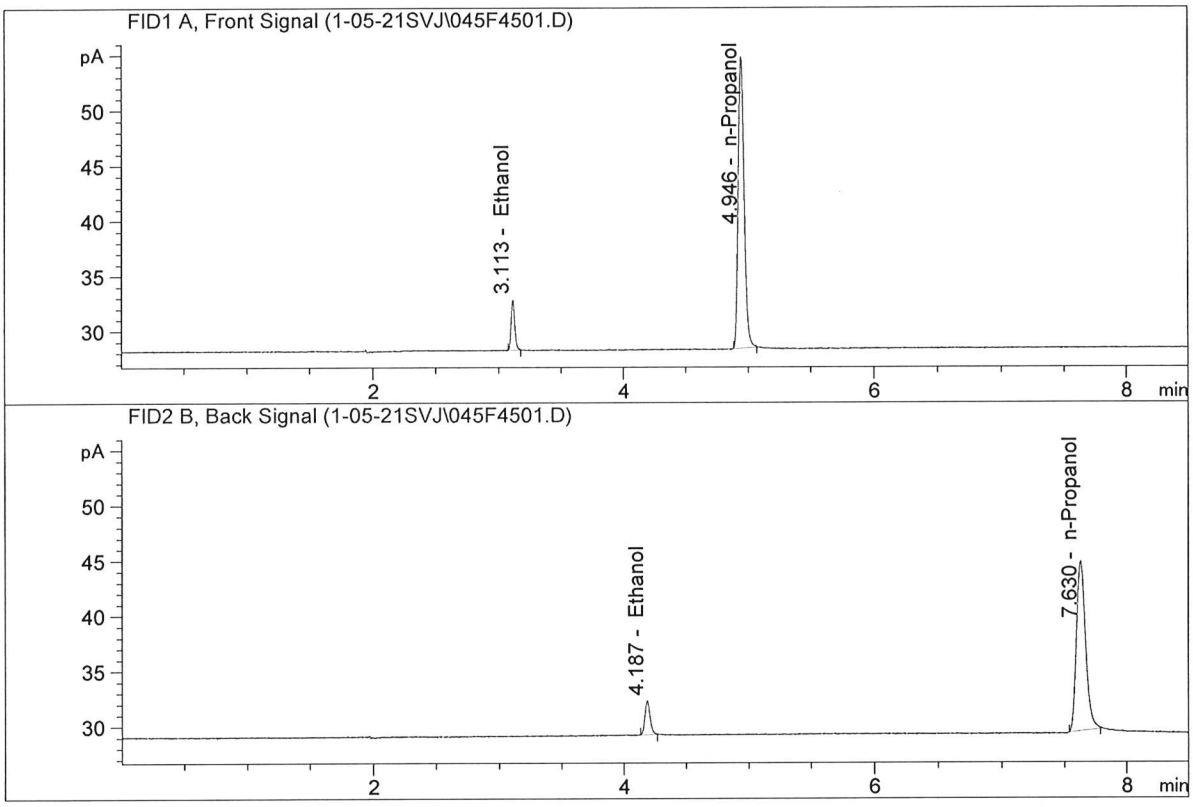
Sample Name : ISTD BLANK-2
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	82.48315	1.0000	g/100cc
4.	n-Propanol	Column 2:	74.50259	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

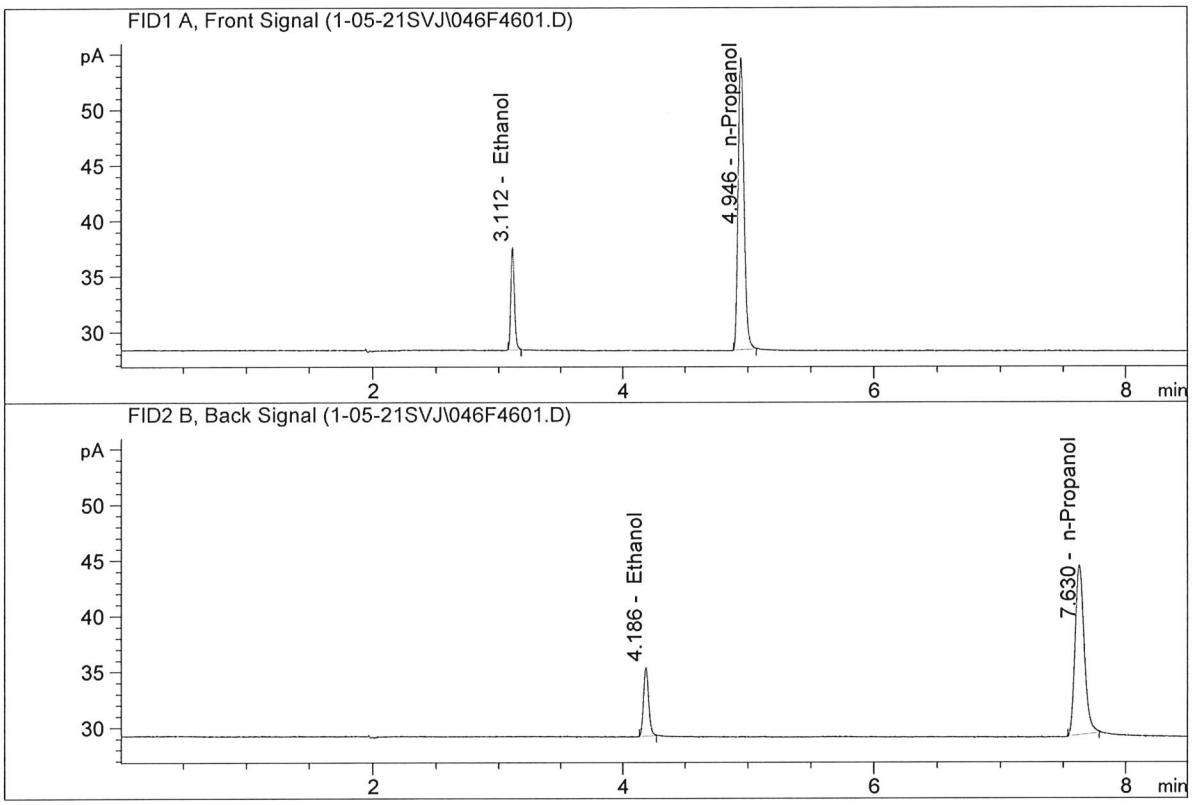
Sample Name : 0.05 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.22657	0.0512	g/100cc
2.	Ethanol	Column 2:	8.78233	0.0498	g/100cc
3.	n-Propanol	Column 1:	86.56632	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.18298	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

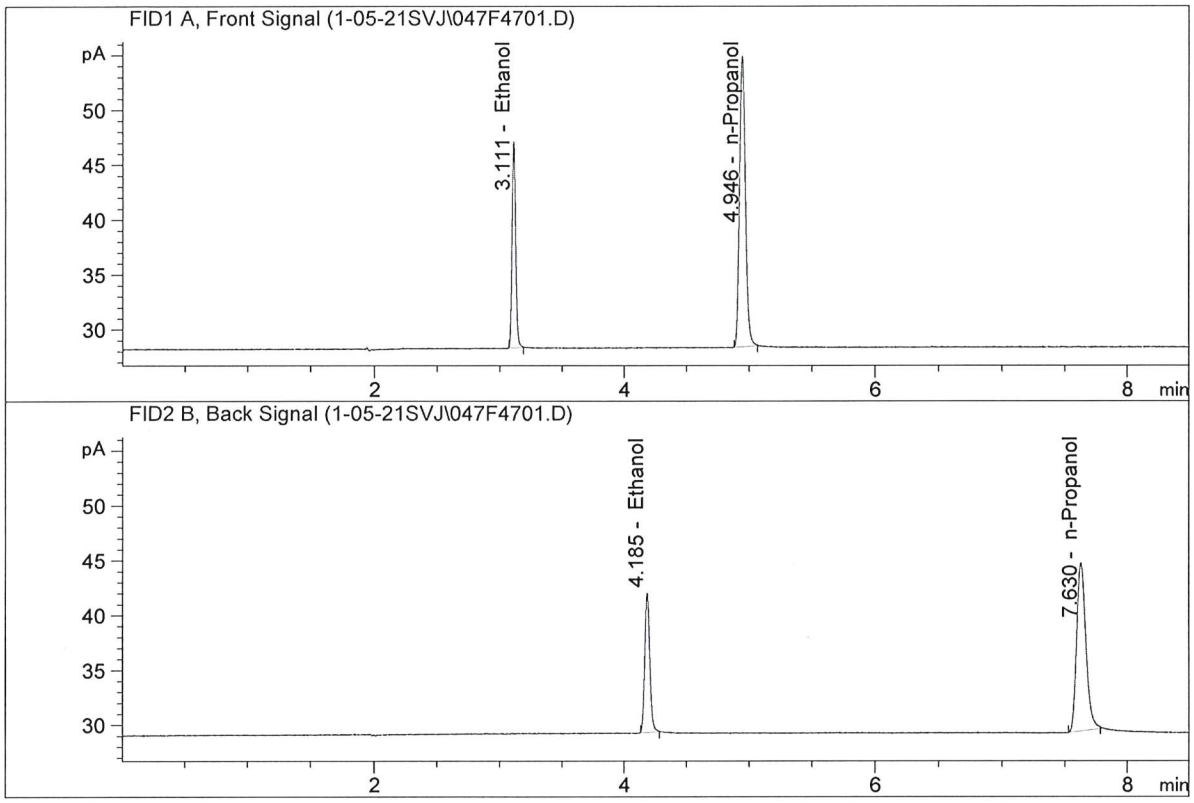
Sample Name : 0.100 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.44056	0.1027	g/100cc
2.	Ethanol	Column 2:	17.52773	0.0997	g/100cc
3.	n-Propanol	Column 1:	86.25520	1.0000	g/100cc
4.	n-Propanol	Column 2:	77.98454	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

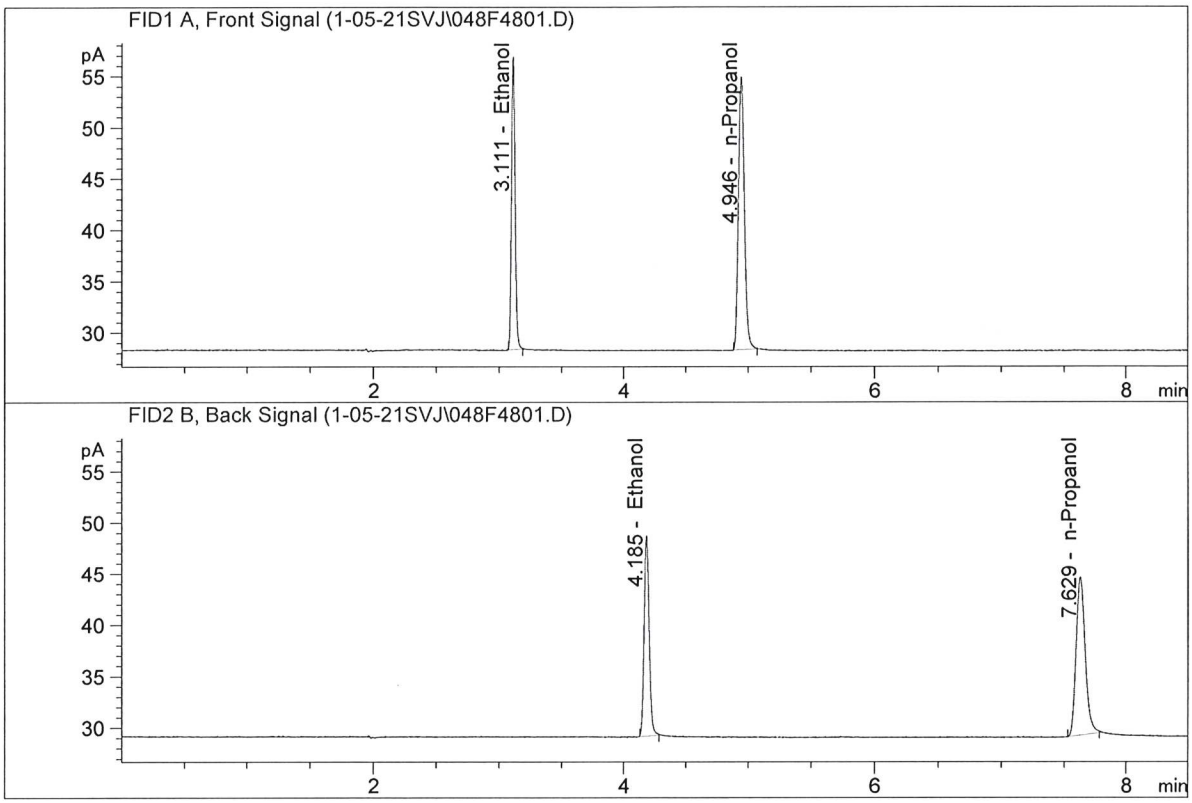
Sample Name : 0.200 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	37.16724	0.2055	g/100cc
2.	Ethanol	Column 2:	35.98634	0.2037	g/100cc
3.	n-Propanol	Column 1:	86.90842	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.38702	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

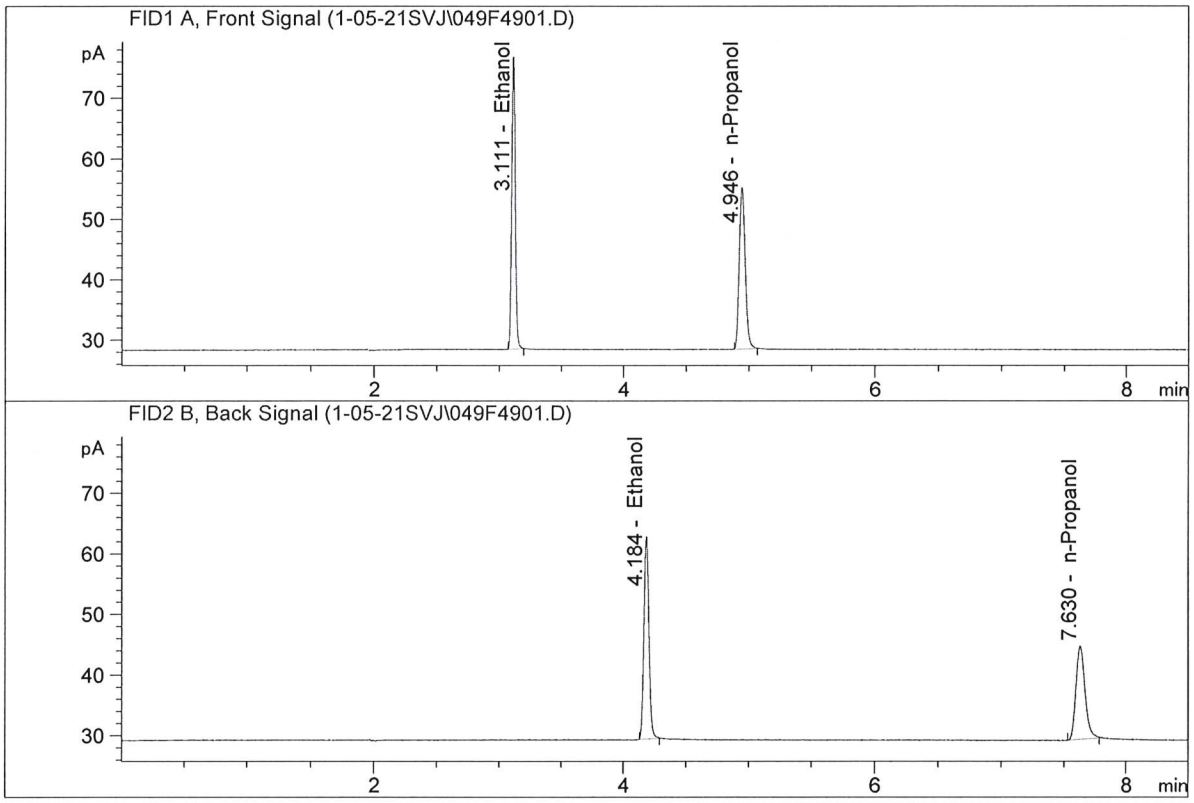
Sample Name : 0.300 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	56.05934	0.3083	g/100cc
2.	Ethanol	Column 2:	54.75455	0.3094	g/100cc
3.	n-Propanol	Column 1:	87.36971	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.52702	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

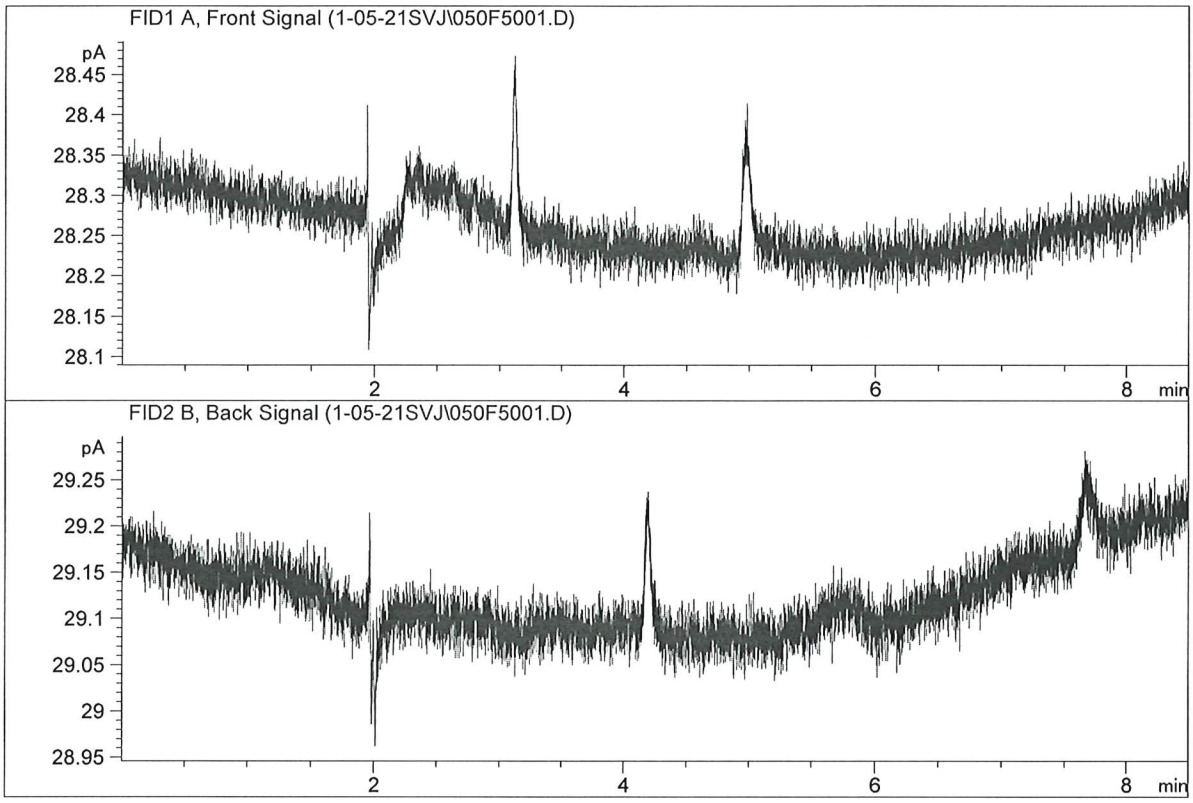
Sample Name : 0.500 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	94.86343	0.5204	g/100cc
2.	Ethanol	Column 2:	92.96787	0.5258	g/100cc
3.	n-Propanol	Column 1:	87.59148	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.44772	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : water-2
Laboratory : Coeur d' Alene
Injection Date : Jan 6, 2021
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc