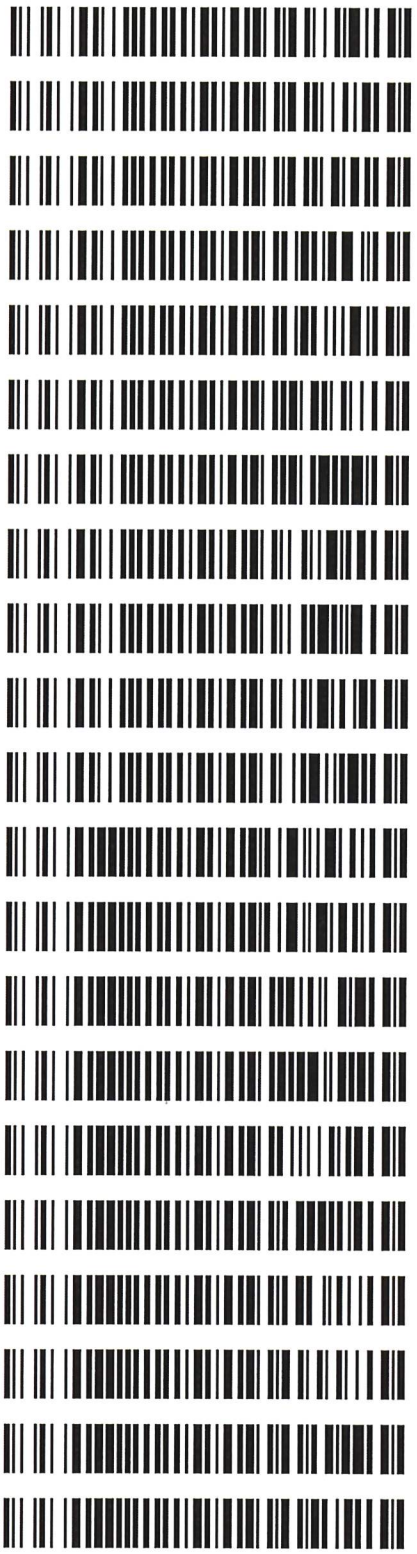
7/17/2020

Worklist: 4369

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2020-1245	1	BCK	Alcohol Analysis
C2020-1246	1	BCK	Alcohol Analysis
C2020-1247	1	BCK	Alcohol Analysis
C2020-1280	1	BCK	Alcohol Analysis
C2020-1282	1	BCK	Alcohol Analysis
C2020-1291	1	BCK	Alcohol Analysis
C2020-1292	1	BCK	Alcohol Analysis
C2020-1354	1	BCK	Alcohol Analysis
C2020-1356	1	BCK	Alcohol Analysis
C2020-1371	1	BCK	Alcohol Analysis
C2020-1373	1	BCK	Alcohol Analysis
P2020-1679	1	BCK	Alcohol Analysis
P2020-1680	1	BCK	Alcohol Analysis
P2020-1784	1	BCK	Alcohol Analysis
P2020-1799	1	BCK	Alcohol Analysis
P2020-1812	1	BCK	Alcohol Analysis
P2020-1914	1	BCK	Alcohol Analysis
P2020-1919	1	BCK	Alcohol Analysis
P2020-1928	1	BCK	Alcohol Analysis
P2020-1930	1	BCK	Alcohol Analysis
P2020-1931	1	BCK	Alcohol Analysis



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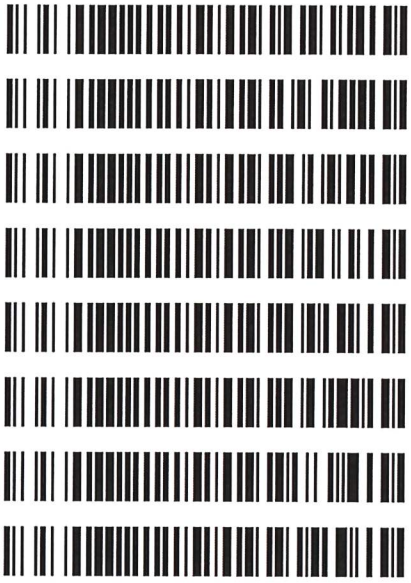
Worklist: 4369

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-1935	1	BCK	Alcohol Analysis
P2020-1961	2	BCK	Alcohol Analysis
P2020-1974	1	BCK	Alcohol Analysis
P2020-1975	1	BCK	Alcohol Analysis
P2020-1976	1	BCK	Alcohol Analysis
P2020-1977	1	BCK	Alcohol Analysis
P2020-1984	1	BCK	Alcohol Analysis
P2020-2004	1	BLOOD	Alcohol Analysis



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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): 7-19-20**

worklist #4369

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0737 g/100cc
					0.0751 g/100cc
					0.0747 g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1907 g/100cc
					0.1930 g/100cc
					0.1915 g/100cc

Multi-Component mixture:	**Sep-20**		**Lot #**	FN06041502	OK
Curve Fit:		**Column 1**	0.99998	**Column2**	0.99998

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0492	0.0491	0.0001	0.0491
100	0.100	0.090 - 0.110	0.0985	0.0987	0.0002	0.0986
200	0.200	0.180 - 0.220	0.1972	0.1970	0.0002	0.1971
300	0.300	0.270 - 0.330	0.3002	0.3010	0.0008	0.3006
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5014	0.5009	0.0005	0.5011

Aqueous Controls

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

REVIEWED
By Rachel Cutler at 10:51 am, Jul 22, 2020

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

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_19.07.2020_11.30.20\7-19-2020.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_19.07.2020_11.30.20\7-19-2020.S
Data directory path: C:\Chem32\1\Data\7-19-20jj
Logbook: C:\Chem32\1\Data\7-19-20jj\7-19-2020.LOG
Sequence start: 7/19/2020 11:45:15 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	-	1.0000	001F0101.D	0
2	2	1	VOL MIX FN-06041	-	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	C2020-1245-1-A	-	1.0000	008F0801.D	6
9	9	1	C2020-1245-1-B	-	1.0000	009F0901.D	6
10	10	1	C2020-1246-1-A	-	1.0000	010F1001.D	6
11	11	1	C2020-1246-1-B	-	1.0000	011F1101.D	6
12	12	1	C2020-1247-1-A	-	1.0000	012F1201.D	6
13	13	1	C2020-1247-1-B	-	1.0000	013F1301.D	6
14	14	1	C2020-1280-1-A	-	1.0000	014F1401.D	4
15	15	1	C2020-1280-1-B	-	1.0000	015F1501.D	4
16	16	1	C2020-1282-1-A	-	1.0000	016F1601.D	5
17	17	1	C2020-1282-1-B	-	1.0000	017F1701.D	6
18	18	1	C2020-1291-1-A	-	1.0000	018F1801.D	5
19	19	1	C2020-1291-1-B	-	1.0000	019F1901.D	6
20	20	1	C2020-1292-1-A	-	1.0000	020F2001.D	2
21	21	1	C2020-1292-1-B	-	1.0000	021F2101.D	2
22	22	1	C2020-1354-1-A	-	1.0000	022F2201.D	4
23	23	1	C2020-1354-1-B	-	1.0000	023F2301.D	4
24	24	1	C2020-1356-1-A	-	1.0000	024F2401.D	4
25	25	1	C2020-1356-1-B	-	1.0000	025F2501.D	4
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	20271-166-A	-	1.0000	028F2801.D	4
29	29	1	20271-166-B	-	1.0000	029F2901.D	4
30	30	1	20271-280-A	-	1.0000	030F3001.D	4
31	31	1	20271-280-B	-	1.0000	031F3101.D	4
32	32	1	C2020-1371-1-A	-	1.0000	032F3201.D	6
33	33	1	C2020-1371-1-B	-	1.0000	033F3301.D	6
34	34	1	C2020-1373-1-A	-	1.0000	034F3401.D	2
35	35	1	C2020-1373-1-B	-	1.0000	035F3501.D	2
36	36	1	P2020-1679-1-A	-	1.0000	036F3601.D	6
37	37	1	P2020-1679-1-B	-	1.0000	037F3701.D	6
38	38	1	P2020-1680-1-A	-	1.0000	038F3801.D	4
39	39	1	P2020-1680-1-B	-	1.0000	039F3901.D	4
40	40	1	P2020-1784-1-A	-	1.0000	040F4001.D	2
41	41	1	P2020-1784-1-B	-	1.0000	041F4101.D	2
42	42	1	P2020-1799-1-A	-	1.0000	042F4201.D	6
43	43	1	P2020-1799-1-B	-	1.0000	043F4301.D	6
44	44	1	P2020-1812-1-A	-	1.0000	044F4401.D	2
45	45	1	P2020-1812-1-B	-	1.0000	045F4501.D	2
46	46	1	P2020-1914-1-A	-	1.0000	046F4601.D	6

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Sequence File C:\Chem32\1\TEMP\AESEQ\QS_19.07.2020_11.30.20\7-19-2020.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
47	47	1	P2020-1914-1-B	-	1.0000	047F4701.D	6
48	48	1	QC-1(1)-A	-	1.0000	048F4801.D	4
49	49	1	QC-1(1)-B	-	1.0000	049F4901.D	4
50	50	1	P2020-1919-1-A	-	1.0000	050F5001.D	2
51	51	1	P2020-1919-1-B	-	1.0000	051F5101.D	2
52	52	1	P2020-1928-1-A	-	1.0000	052F5201.D	6
53	53	1	P2020-1928-1-B	-	1.0000	053F5301.D	6
54	54	1	P2020-1930-1-A	-	1.0000	054F5401.D	6
55	55	1	P2020-1930-1-B	-	1.0000	055F5501.D	4
56	56	1	P2020-1931-1-A	-	1.0000	056F5601.D	6
57	57	1	P2020-1931-1-B	-	1.0000	057F5701.D	6
58	58	1	P2020-1935-1-A	-	1.0000	058F5801.D	2
59	59	1	P2020-1935-1-B	-	1.0000	059F5901.D	2
60	60	1	P2020-1961-1-A	-	1.0000	060F6001.D	4
61	61	1	P2020-1961-1-B	-	1.0000	061F6101.D	4
62	62	1	P2020-1974-1-A	-	1.0000	062F6201.D	6
63	63	1	P2020-1974-1-B	-	1.0000	063F6301.D	6
64	64	1	P2020-1975-1-A	-	1.0000	064F6401.D	6
65	65	1	P2020-1975-1-B	-	1.0000	065F6501.D	6
66	66	1	P2020-1976-1-A	-	1.0000	066F6601.D	6
67	67	1	P2020-1976-1-B	-	1.0000	067F6701.D	6
68	68	1	P2020-1977-1-A	-	1.0000	068F6801.D	2
69	69	1	P2020-1977-1-B	-	1.0000	069F6901.D	2
70	70	1	QC-2(1)-A	-	1.0000	070F7001.D	4
71	1	1	QC-2(1)-B	-	1.0000	001F7101.D	4
72	2	1	P2020-1984-1-A	-	1.0000	002F7201.D	6
73	3	1	P2020-1984-1-B	-	1.0000	003F7301.D	6
74	4	1	P2020-2004-1-A	-	1.0000	004F7401.D	4
75	5	1	P2020-2004-1-B	-	1.0000	005F7501.D	4
76	6	1	QC-1(1)-A	-	1.0000	006F7601.D	4
77	7	1	QC-1(1)-B	-	1.0000	007F7701.D	4
78	8	1	QC-2(1)-A	-	1.0000	008F7801.D	4
79	9	1	QC-2(1)-B	-	1.0000	009F7901.D	4
80	10	1	ISTD BLANK-2	-	1.0000	010F8001.D	2
81	11	1	0.05 CHECK	-	1.0000	011F8101.D	4
82	12	1	0.100 CHECK	-	1.0000	012F8201.D	4
83	13	1	0.200 CHECK	-	1.0000	013F8301.D	4
84	14	1	0.300 CHECK	-	1.0000	014F8401.D	4
85	15	1	0.500 CHECK	-	1.0000	015F8501.D	4

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Calibration Table

General Calibration Setting

Calib. Data Modified : Sunday, July 19, 2020 10:35:49 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

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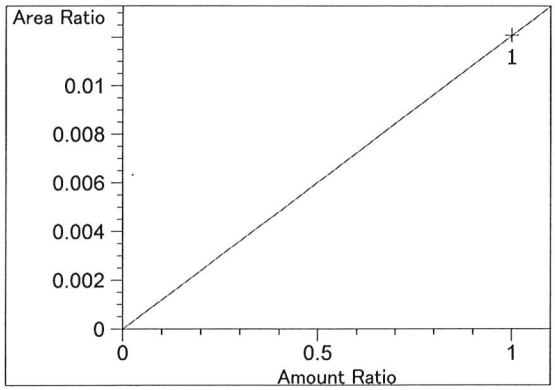
RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.977	2	1	1.00000	1.06794	9.36380e-1	No	No	2	Difluoroethane
2.000	1	1	1.00000	5.00000	2.00000e-1	No	No	1	Difluoroethane
2.494	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.772	1	1	1.00000	3.19311	3.13174e-1	No	No	1	Acetaldehyde
2.797	2	1	1.00000	3.10575	3.21983e-1	No	No	2	Acetaldehyde
3.112	1	1	5.00000e-2	9.26229	5.39823e-3	No	No	1	Ethanol
		2	1.00000e-1	19.46004	5.13873e-3				
		3	2.00000e-1	37.95875	5.26888e-3				
		4	3.00000e-1	56.96631	5.26627e-3				
		5	5.00000e-1	95.74585	5.22216e-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
4.185	2	1	5.00000e-2	9.33817	5.35437e-3	No	No	2	Ethanol
		2	1.00000e-1	19.59896	5.10231e-3				
		3	2.00000e-1	38.11552	5.24721e-3				
		4	3.00000e-1	57.17813	5.24676e-3				
		5	5.00000e-1	95.80144	5.21913e-3				
4.530	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
4.549	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.870	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
4.945	1	1	1.00000	90.10477	1.10982e-2	No	Yes	1	n-Propanol
		2	1.00000	94.45837	1.05867e-2				
		3	1.00000	92.06787	1.08616e-2				
		4	1.00000	90.73109	1.10216e-2				
		5	1.00000	91.31622	1.09510e-2				
7.626	2	1	1.00000	88.37265	1.13157e-2	No	Yes	2	n-Propanol
		2	1.00000	92.32600	1.08312e-2				
		3	1.00000	89.99580	1.11116e-2				
		4	1.00000	88.32735	1.13215e-2				
		5	1.00000	88.94080	1.12434e-2				

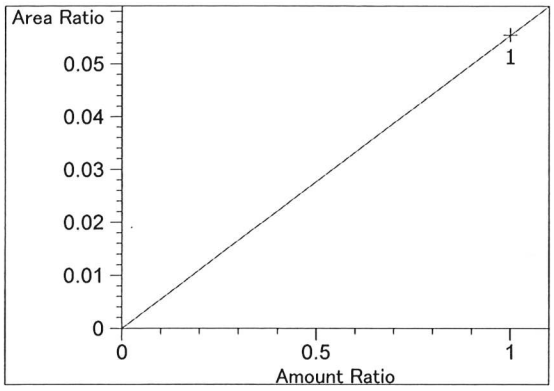
Peak Sum Table

No Entries in table

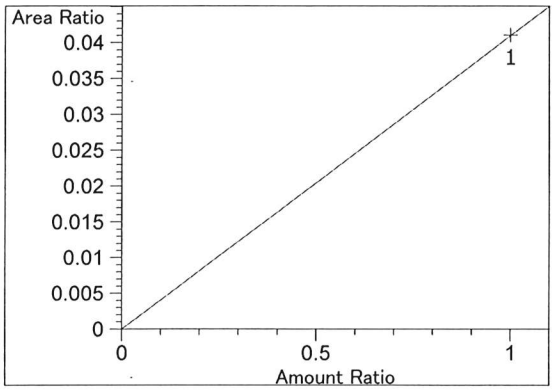
Calibration Curves



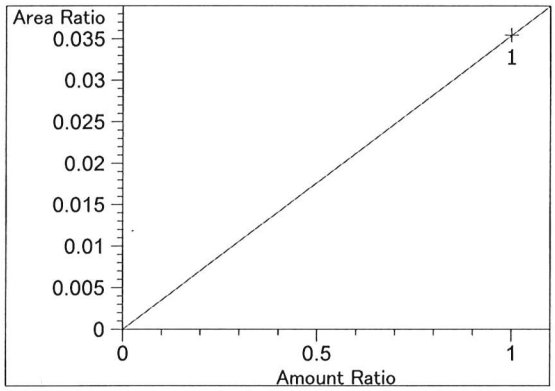
Difluoroethane at exp. RT: 1.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.20845e-2
x: Amount Ratio
y: Area Ratio



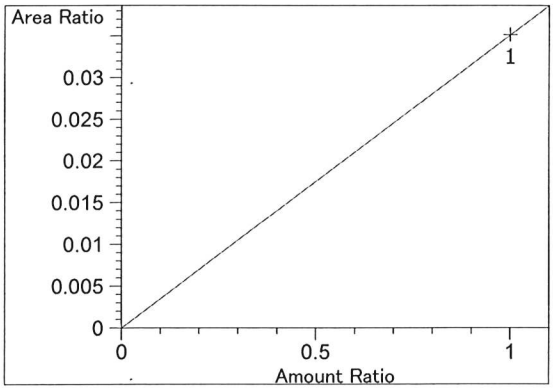
Difluoroethane at exp. RT: 2.000
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.54910e-2
x: Amount Ratio
y: Area Ratio



Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.10266e-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: 3.54377e-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: 3.51438e-2
x: Amount Ratio
y: Area Ratio

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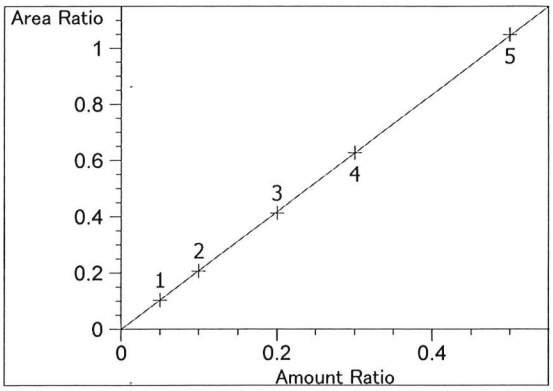
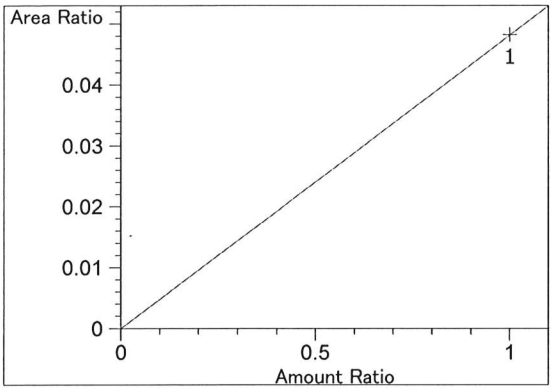
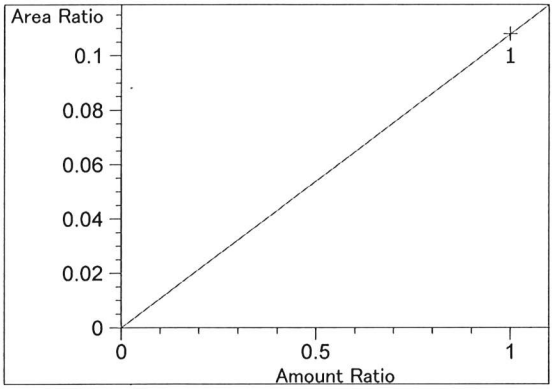


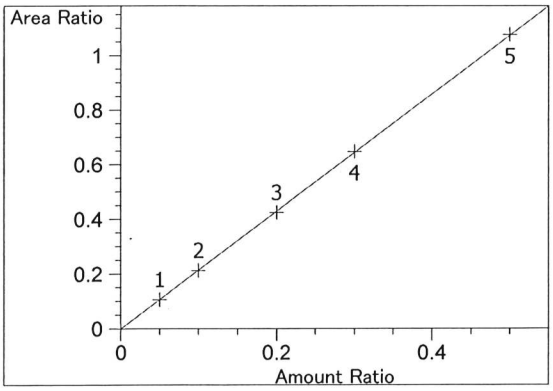
Ethanol at exp. RT: 3.112
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00377
Formula: y = mx
m: 2.09124
x: Amount Ratio
y: Area Ratio



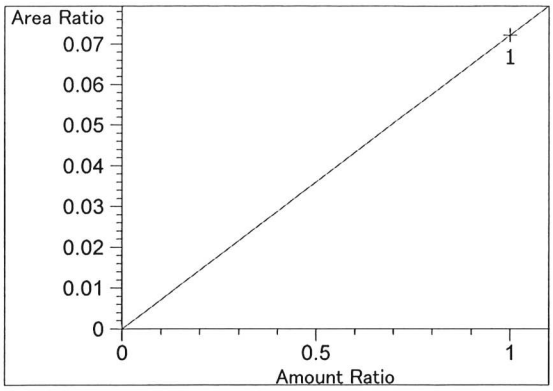
Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.82120e-2
x: Amount Ratio
y: Area Ratio



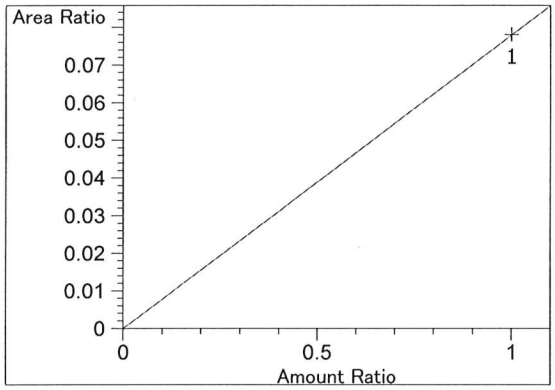
Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.07992e-1
x: Amount Ratio
y: Area Ratio



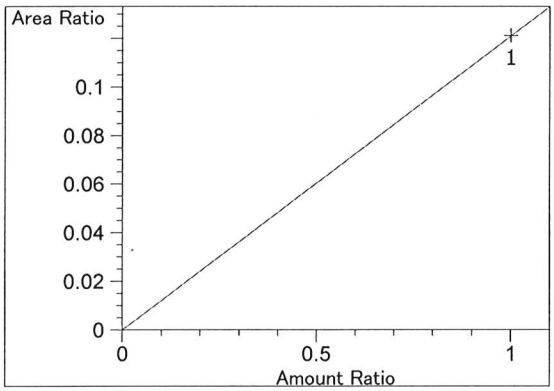
Ethanol at exp. RT: 4.185
FID2 B, Back Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00396
Formula: y = mx
m: 2.15029
x: Amount Ratio
y: Area Ratio



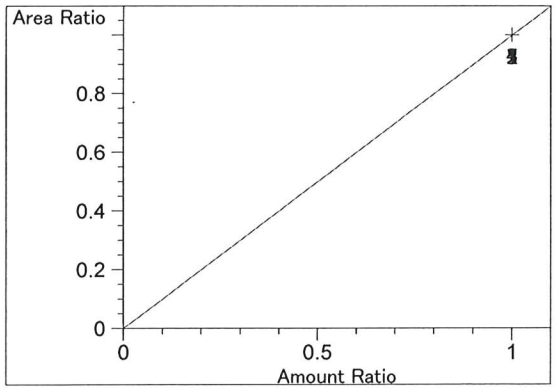
Acetone at exp. RT: 4.530
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.21316e-2
x: Amount Ratio
y: Area Ratio



Acetone at exp. RT: 4.549
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.79994e-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: 1.21151e-1
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.945
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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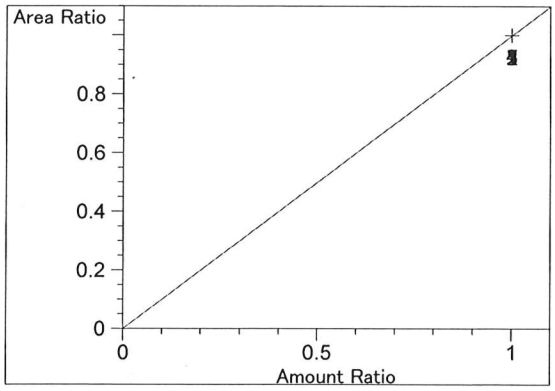
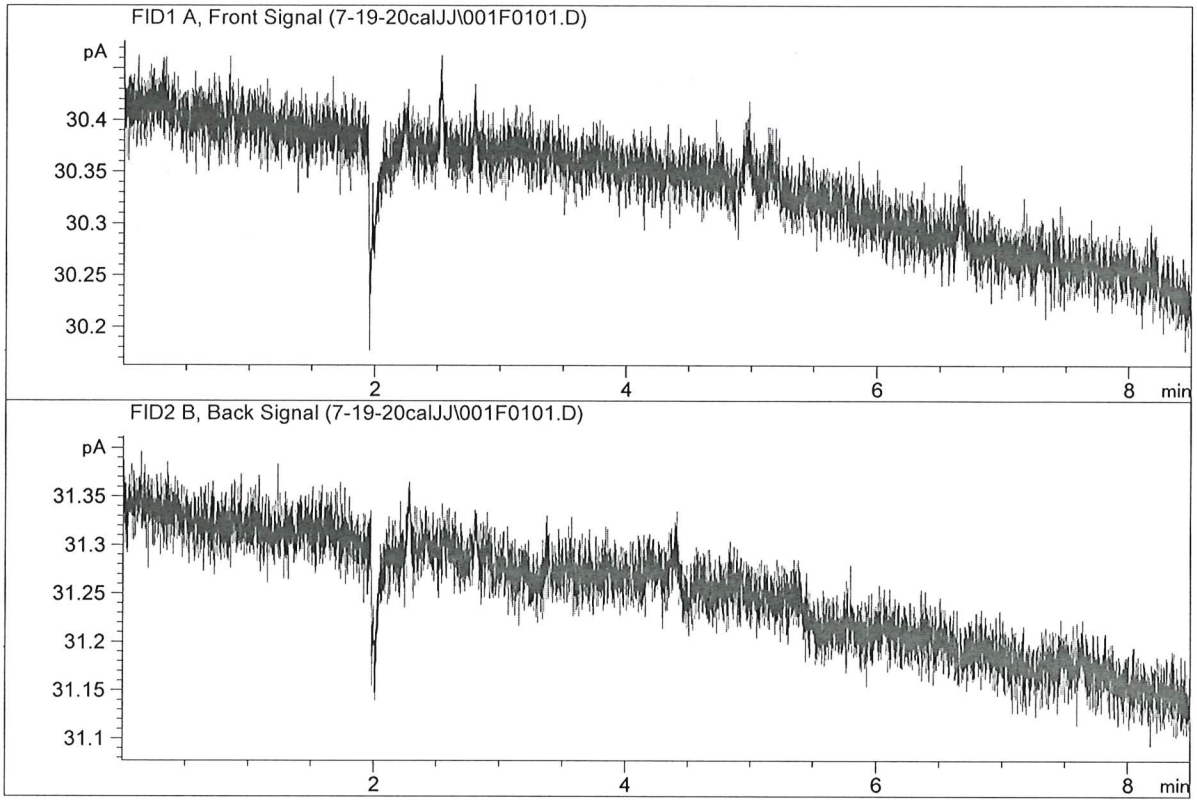


n-Propanol at exp. RT: 7.626
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

Sample Name : WATER
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

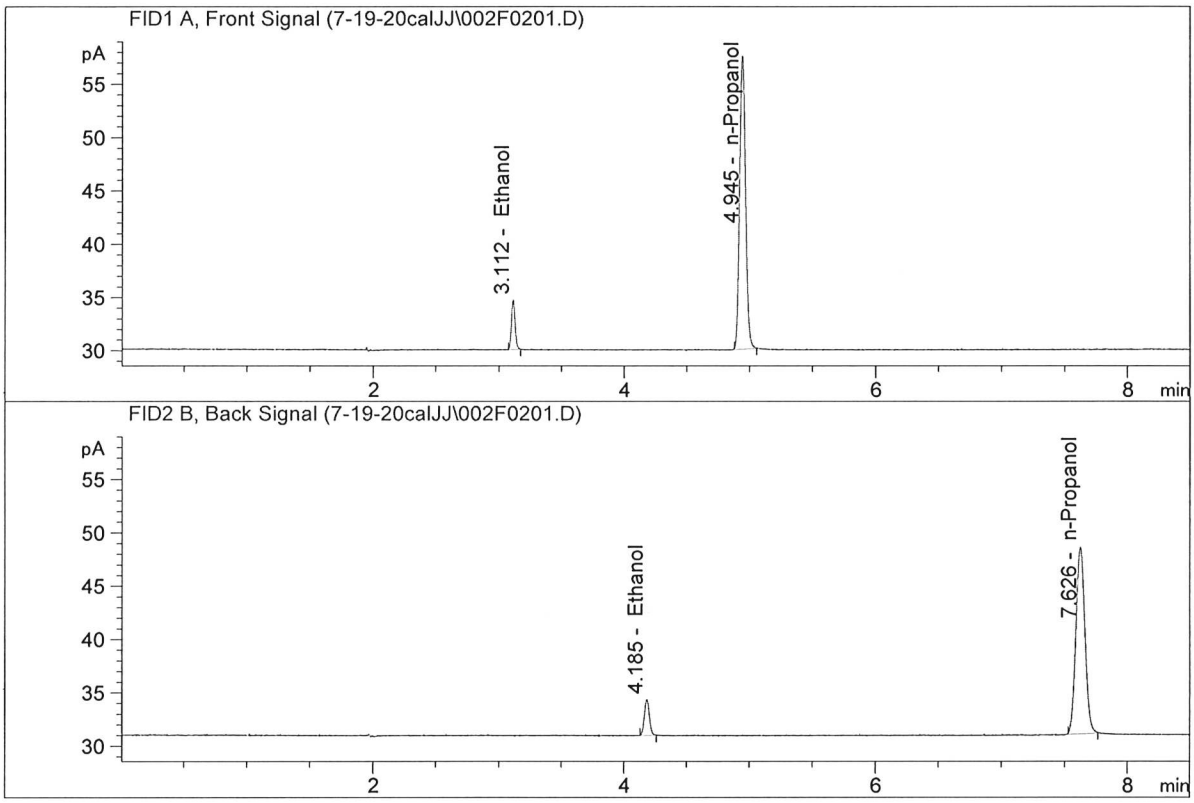


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

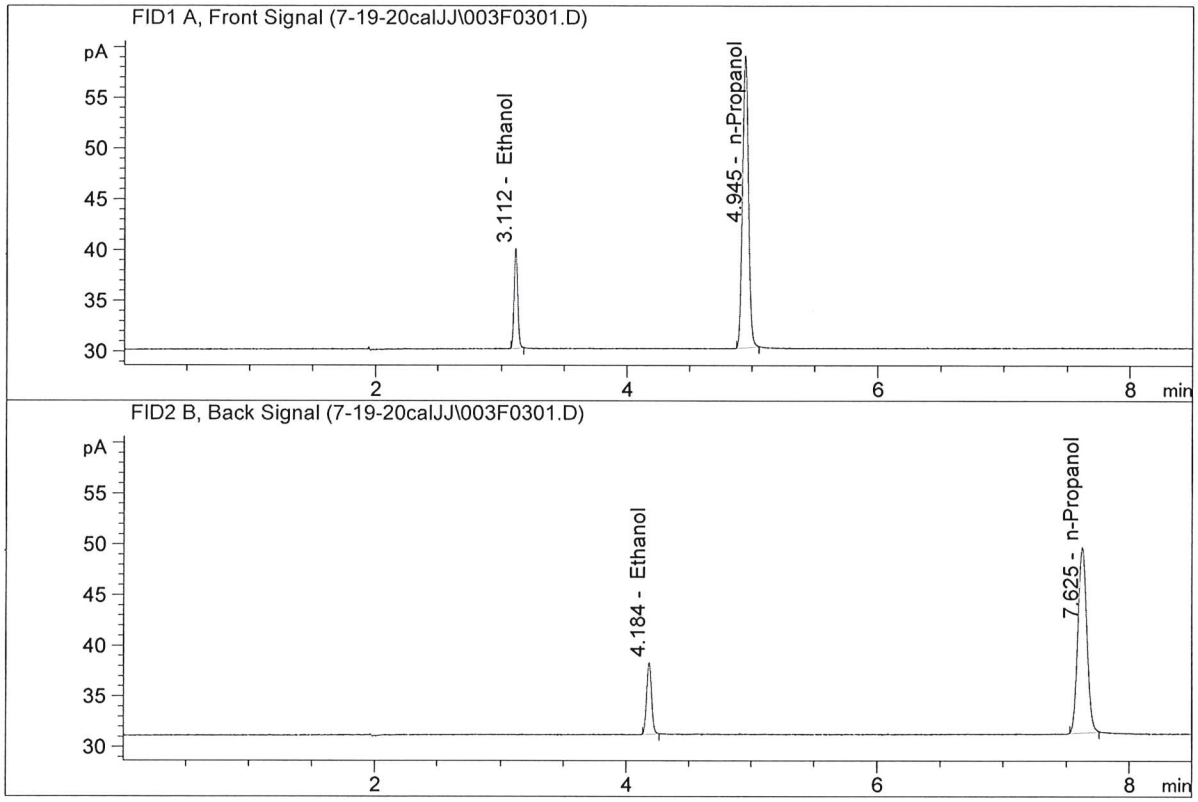
Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.26229	0.0492	g/100cc
2.	Ethanol	Column 2:	9.33817	0.0491	g/100cc
3.	n-Propanol	Column 1:	90.10477	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.37265	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

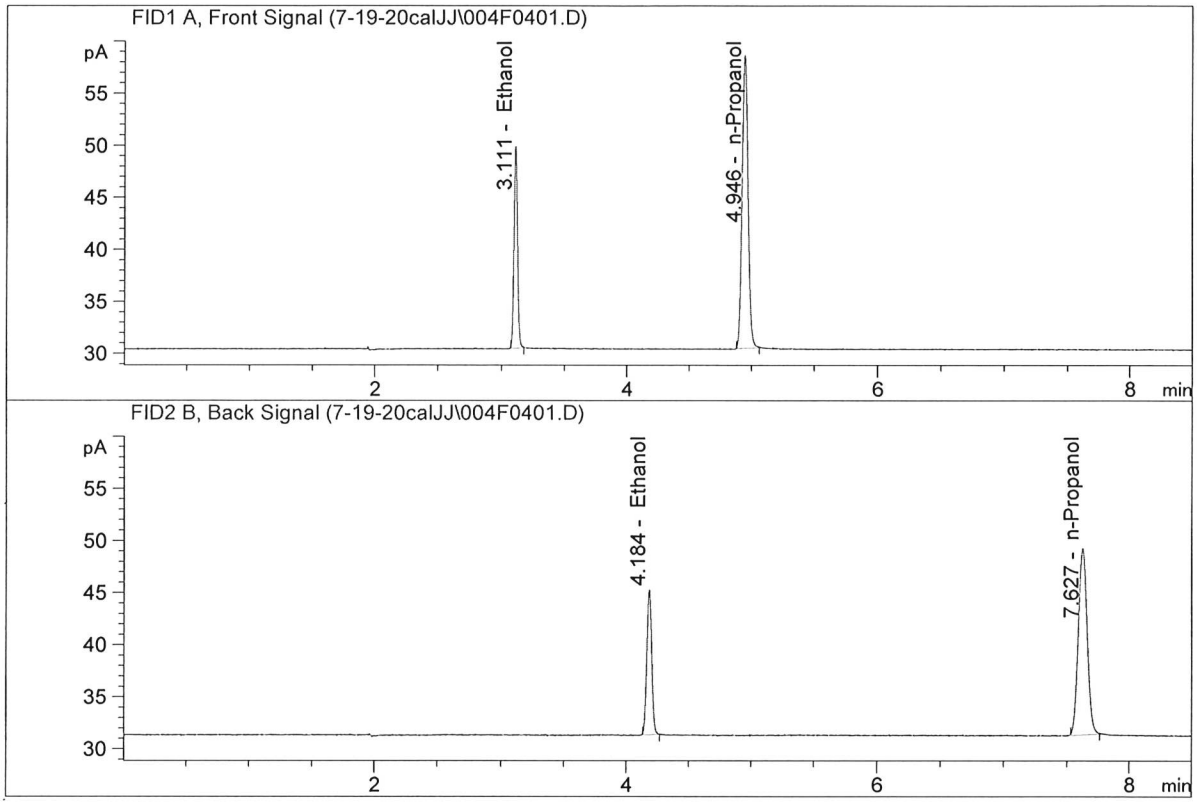


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.46004	0.0985	g/100cc
2.	Ethanol	Column 2:	19.59896	0.0987	g/100cc
3.	n-Propanol	Column 1:	94.45837	1.0000	g/100cc
4.	n-Propanol	Column 2:	92.32600	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

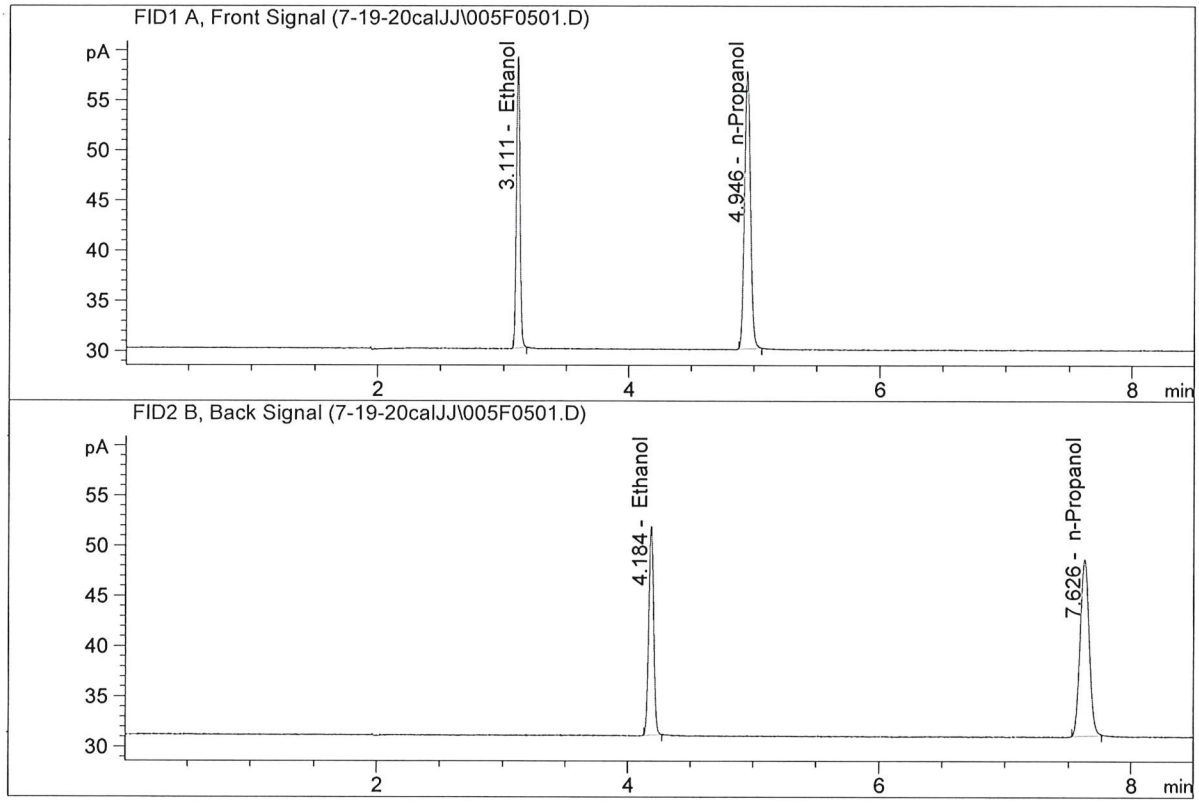


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	37.95875	0.1972	g/100cc
2.	Ethanol	Column 2:	38.11552	0.1970	g/100cc
3.	n-Propanol	Column 1:	92.06787	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.99580	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

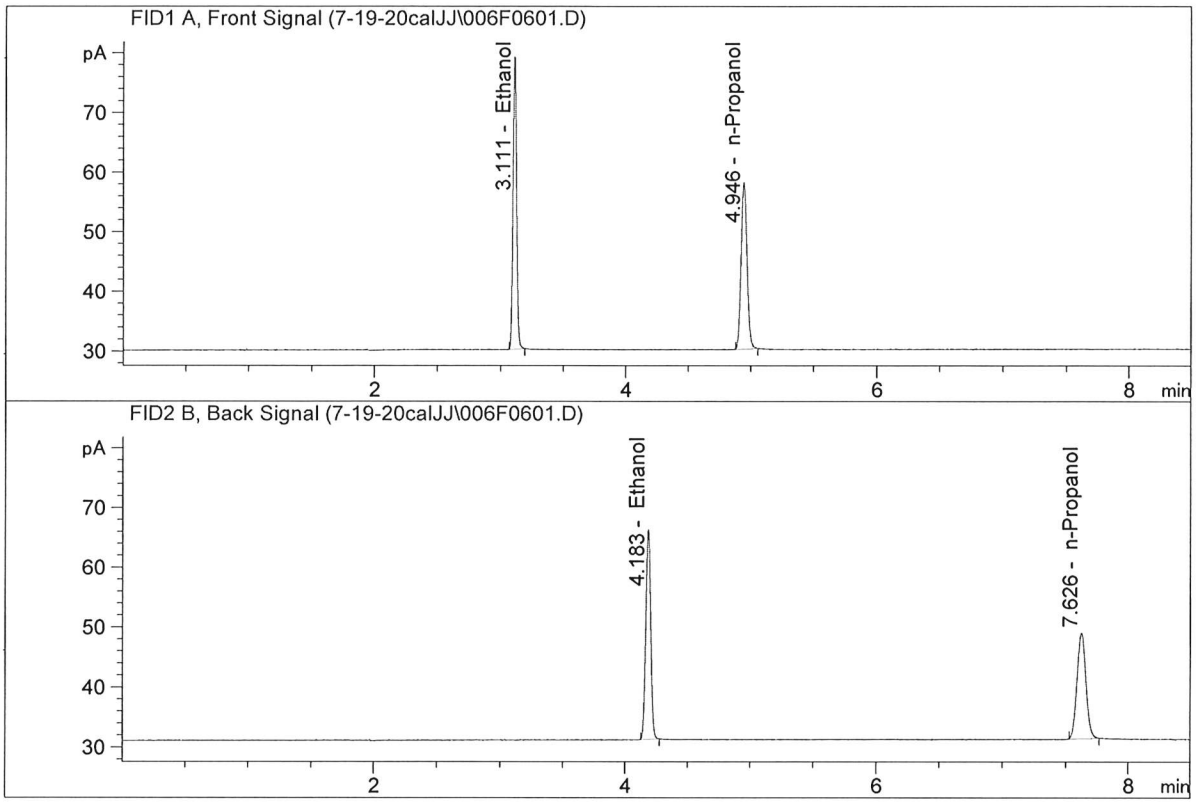


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	56.96631	0.3002	g/100cc
2.	Ethanol	Column 2:	57.17813	0.3010	g/100cc
3.	n-Propanol	Column 1:	90.73109	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.32735	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	95.74585	0.5014	g/100cc
2.	Ethanol	Column 2:	95.80144	0.5009	g/100cc
3.	n-Propanol	Column 1:	91.31622	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.94080	1.0000	g/100cc

99

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_19.07.2020_09.05.31\7-19-20cal.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_19.07.2020_09.05.31\7-19-20cal.S
Data directory path: C:\Chem32\1\Data\7-19-20calJJ
Logbook: C:\Chem32\1\Data\7-19-20calJJ\7-19-20cal.LOG
Sequence start: 7/19/2020 9:19:13 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

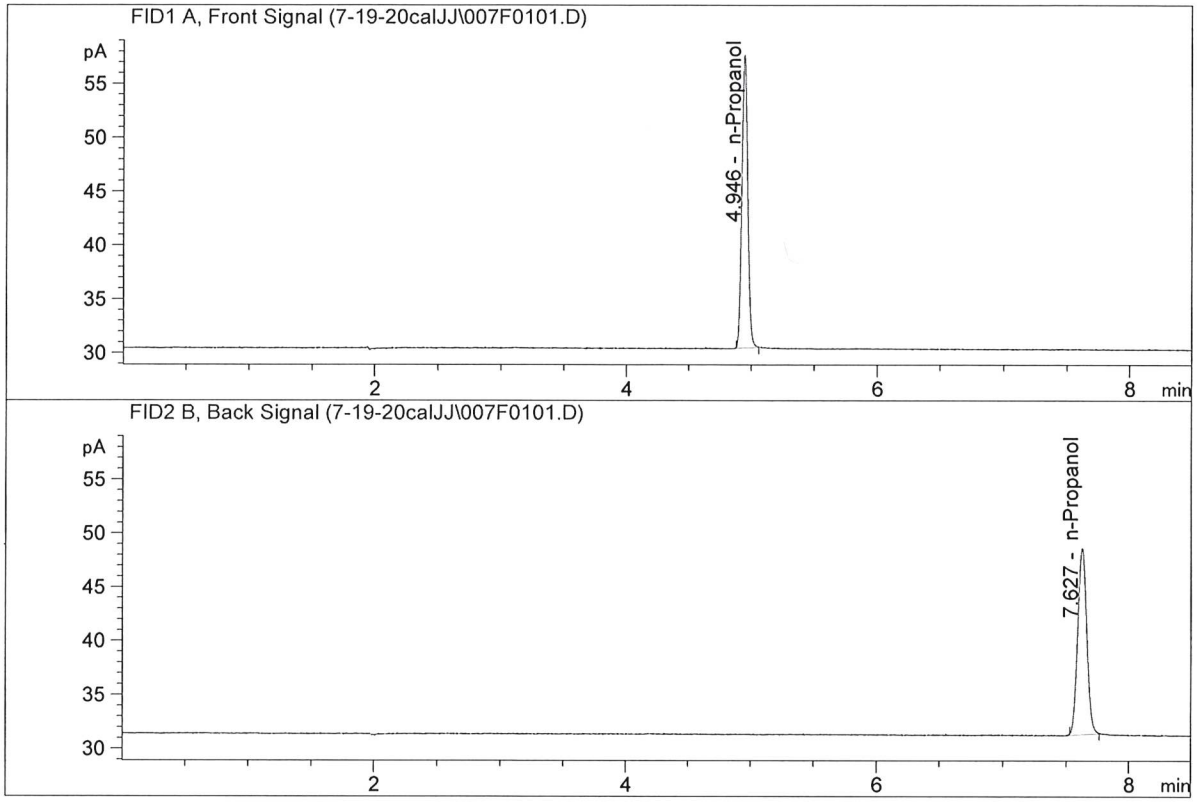
Method file name: C:\CHEM32\1\METHODS\ALCOHOL.M

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		1

99

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

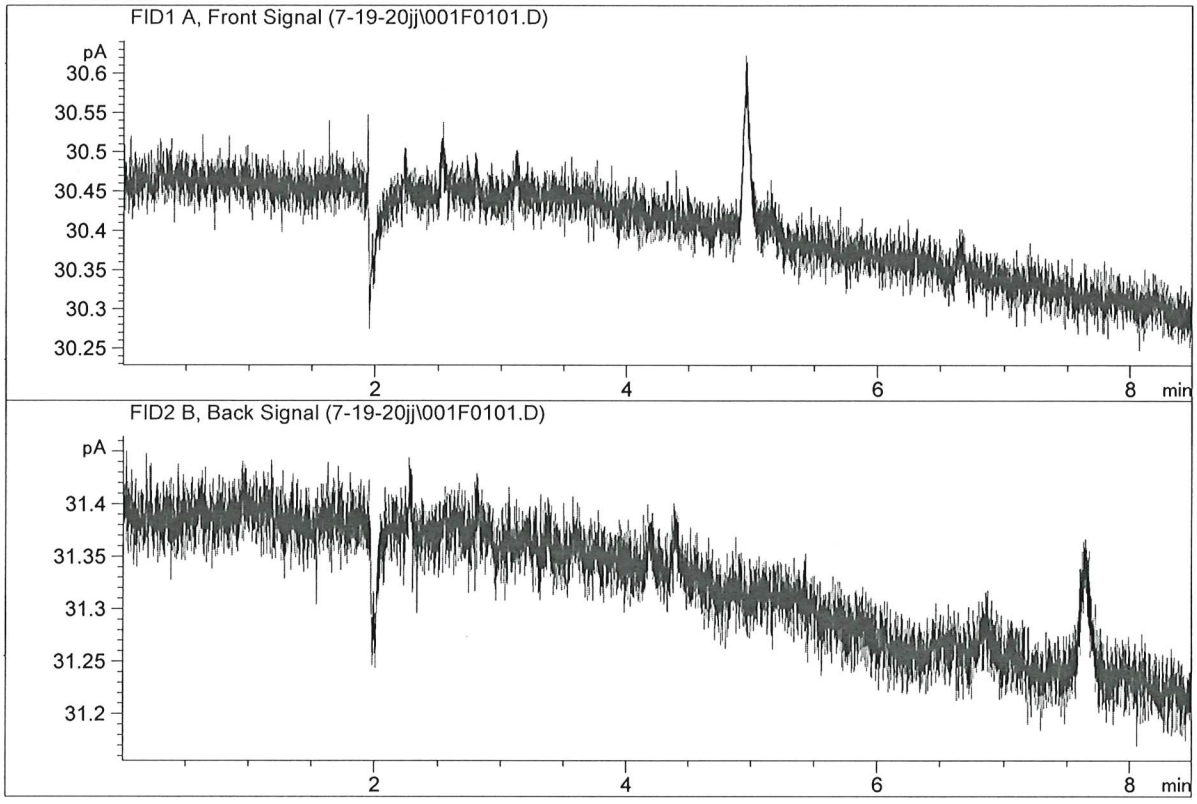


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	89.18595	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.23664	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : water-1
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

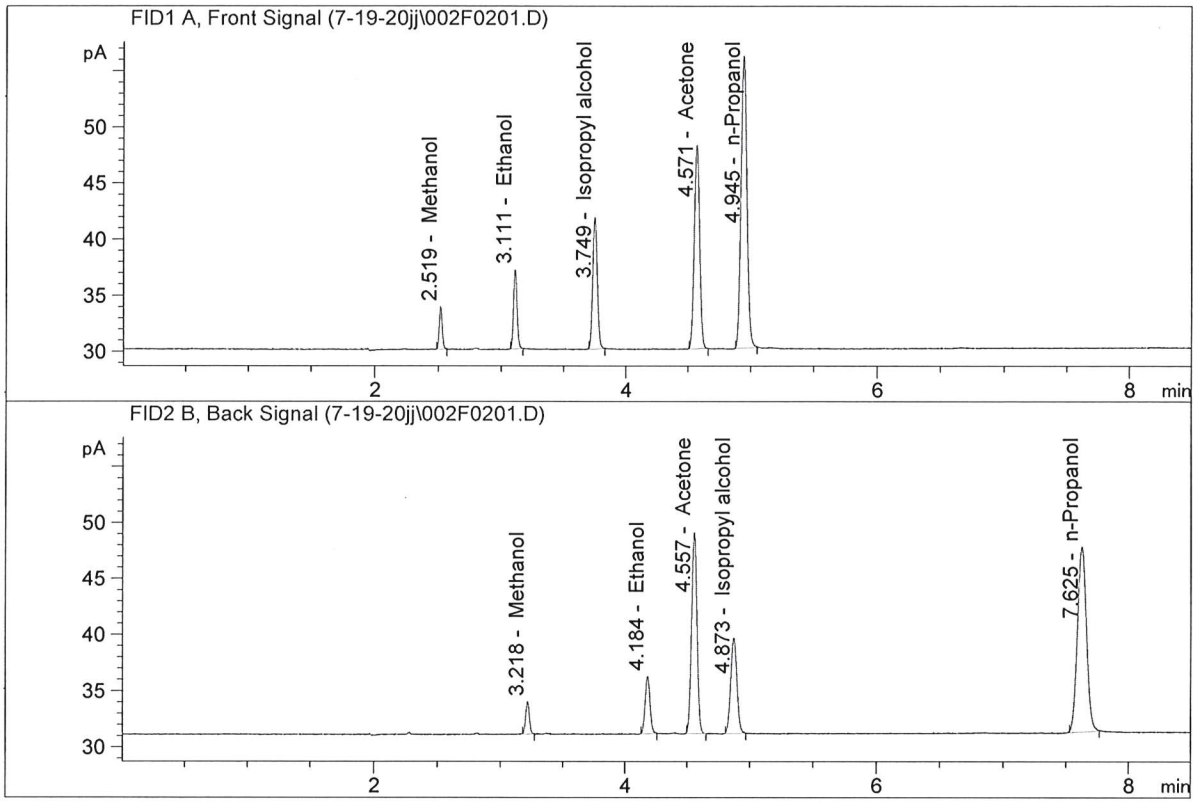


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : VOL MIX FN-06041502
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

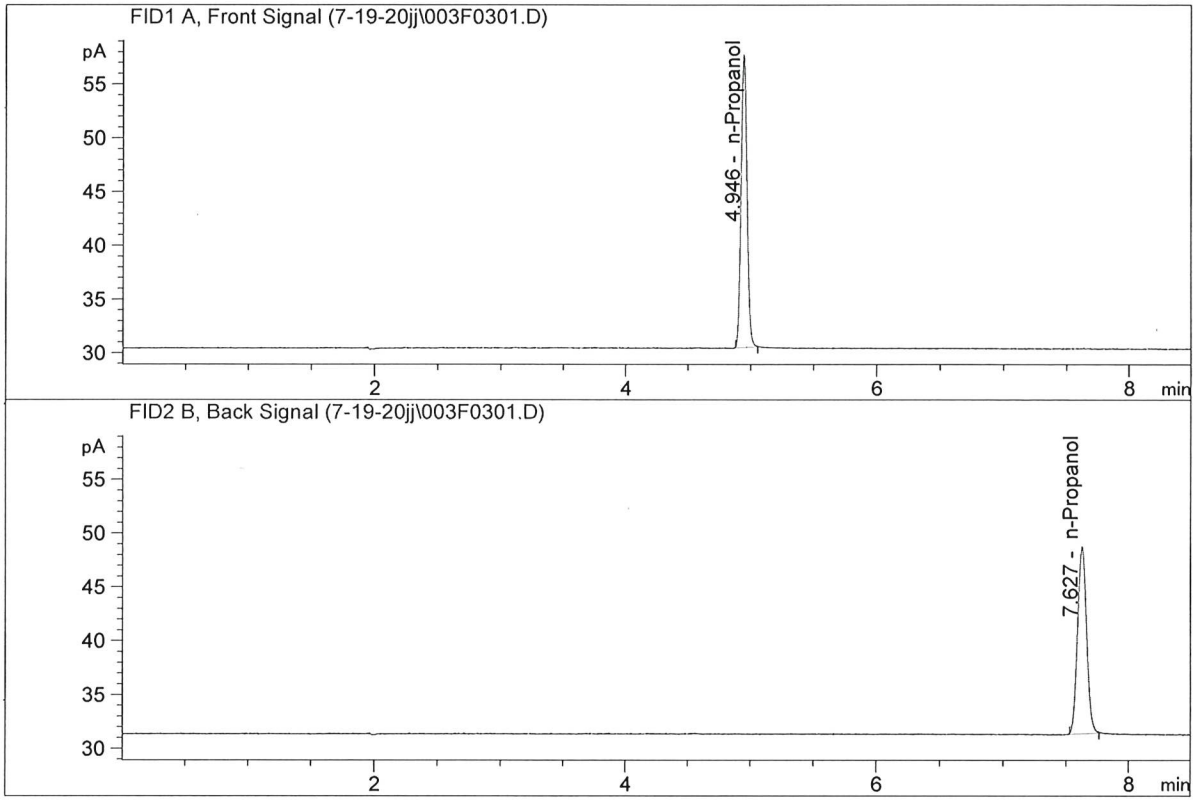


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.08176	0.0791	g/100cc
2.	Ethanol	Column 2:	14.09201	0.0786	g/100cc
3.	n-Propanol	Column 1:	85.16205	1.0000	g/100cc
4.	n-Propanol	Column 2:	83.35328	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
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:	89.14656	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.10284	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(1) **Analysis Date(s): 19 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0739	0.0739	0.0000	0.0739	0.0004	0.0737
(g/100cc)	0.0735	0.0736	0.0001	0.0735		

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
0.073	**0.069**	**0.077**	**0.004**

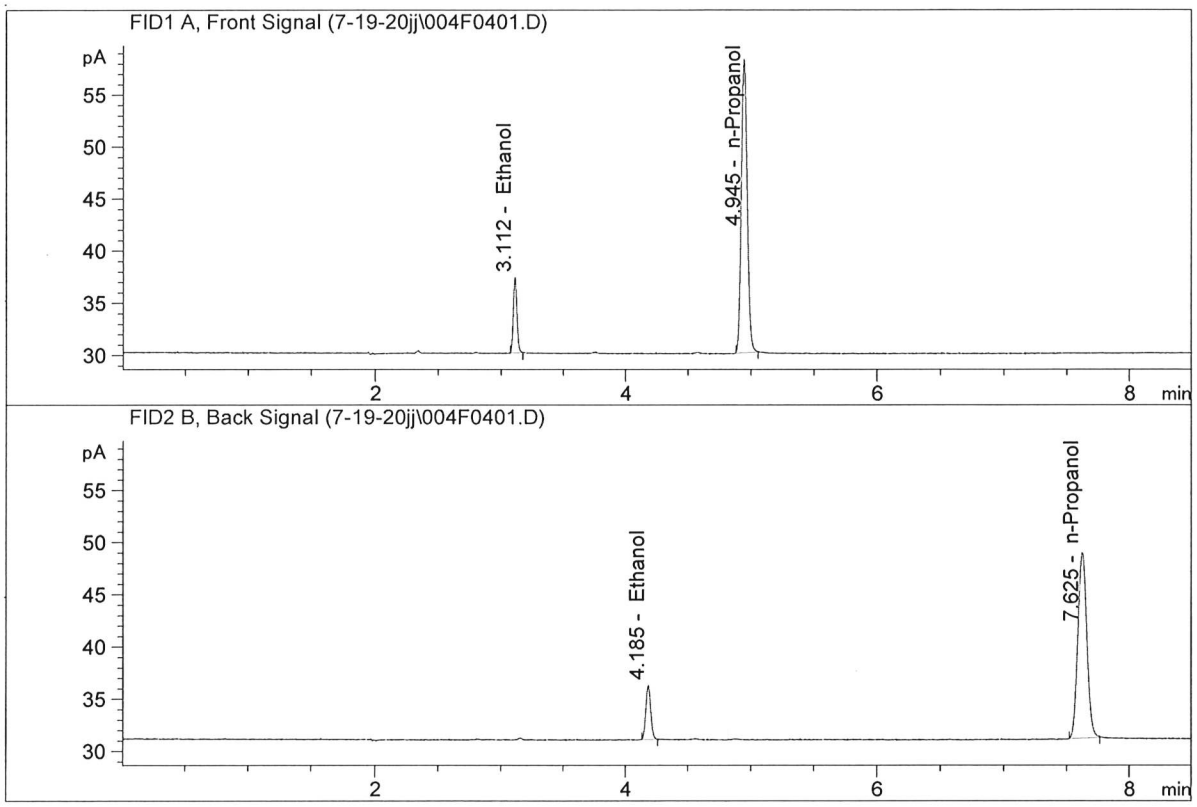
	Reported Result	
	0.073	

Calibration and control data are stored centrally.

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-A
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

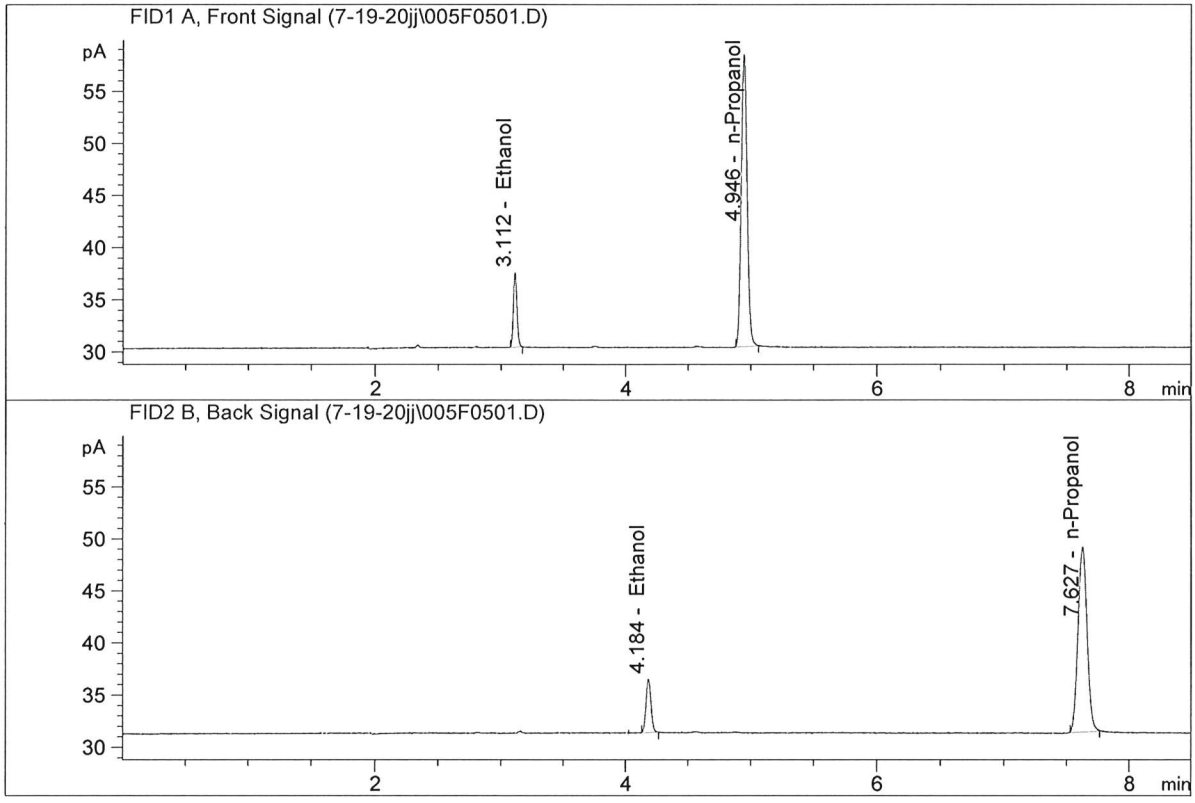


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.23015	0.0739	g/100cc
2.	Ethanol	Column 2:	14.26146	0.0739	g/100cc
3.	n-Propanol	Column 1:	92.02979	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.76315	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.08765	0.0735	g/100cc
2.	Ethanol	Column 2:	14.13507	0.0736	g/100cc
3.	n-Propanol	Column 1:	91.61816	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.26785	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09181807 **Analysis Date(s): 19 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0806	0.0803	0.0003	0.0804	0.0025	0.0792
(g/100cc)	0.0781	0.0778	0.0003	0.0779		

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%**

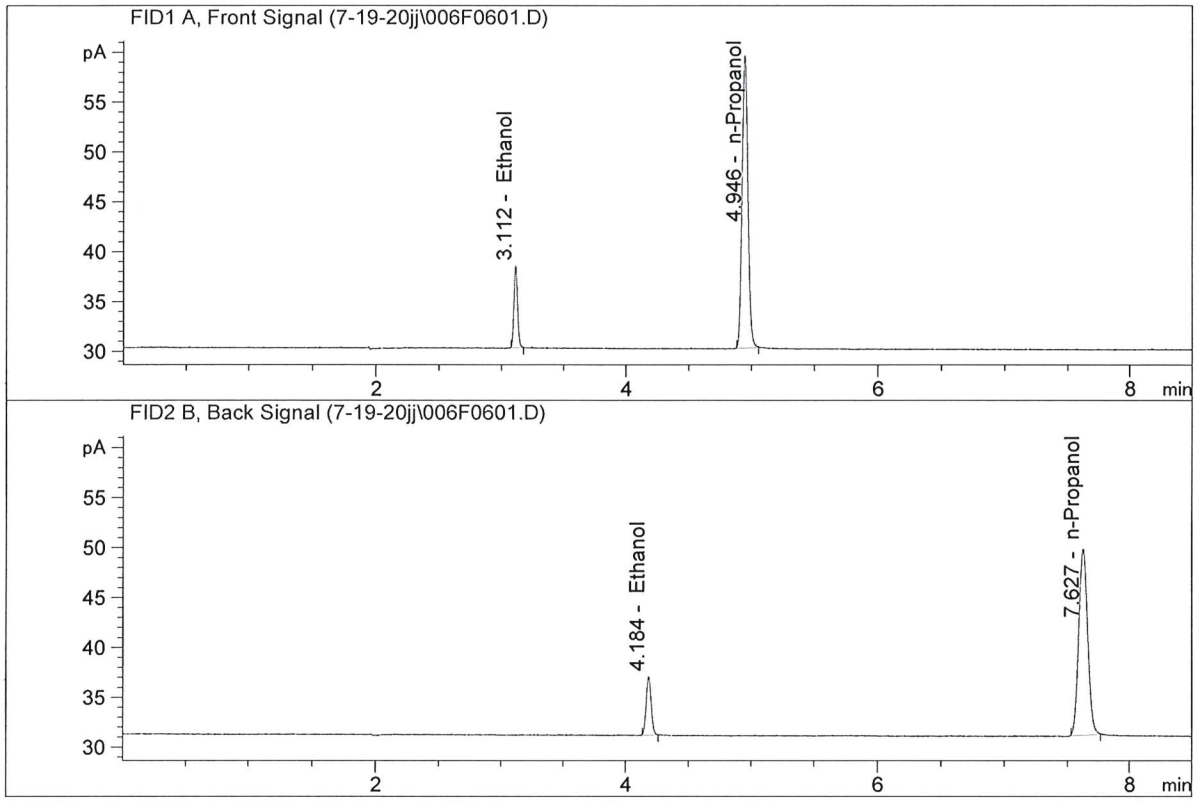
Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	0.075	0.083	0.004

	Reported Result	
	0.079	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

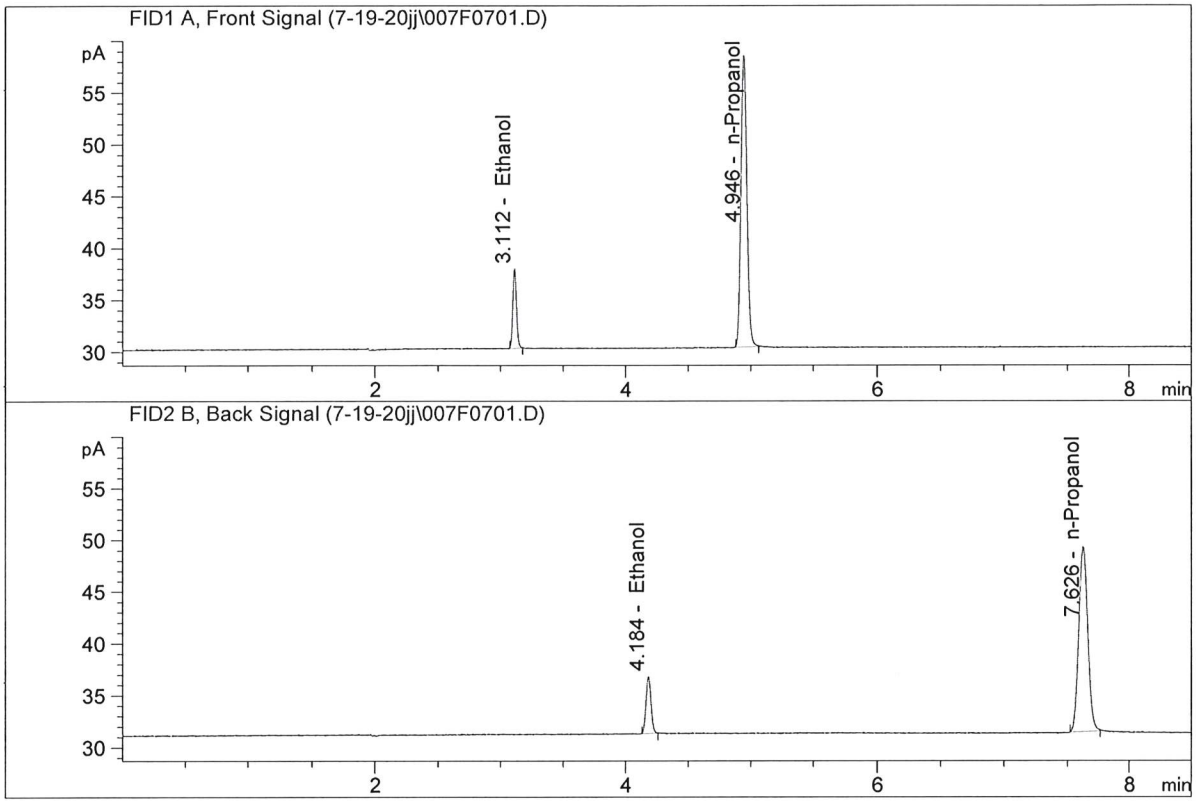
Sample Name : 0.08 FN09181807-A
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.20342	0.0806	g/100cc
2.	Ethanol	Column 2:	16.20176	0.0803	g/100cc
3.	n-Propanol	Column 1:	96.09834	1.0000	g/100cc
4.	n-Propanol	Column 2:	93.88077	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09181807-B
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.08180	0.0781	g/100cc
2.	Ethanol	Column 2:	15.05748	0.0778	g/100cc
3.	n-Propanol	Column 1:	92.33460	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.03686	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(1) **Analysis Date(s): 19 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1917	0.1919	0.0002	0.1918	0.0021	0.1907
(g/100cc)	0.1898	0.1896	0.0002	0.1897		

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%**

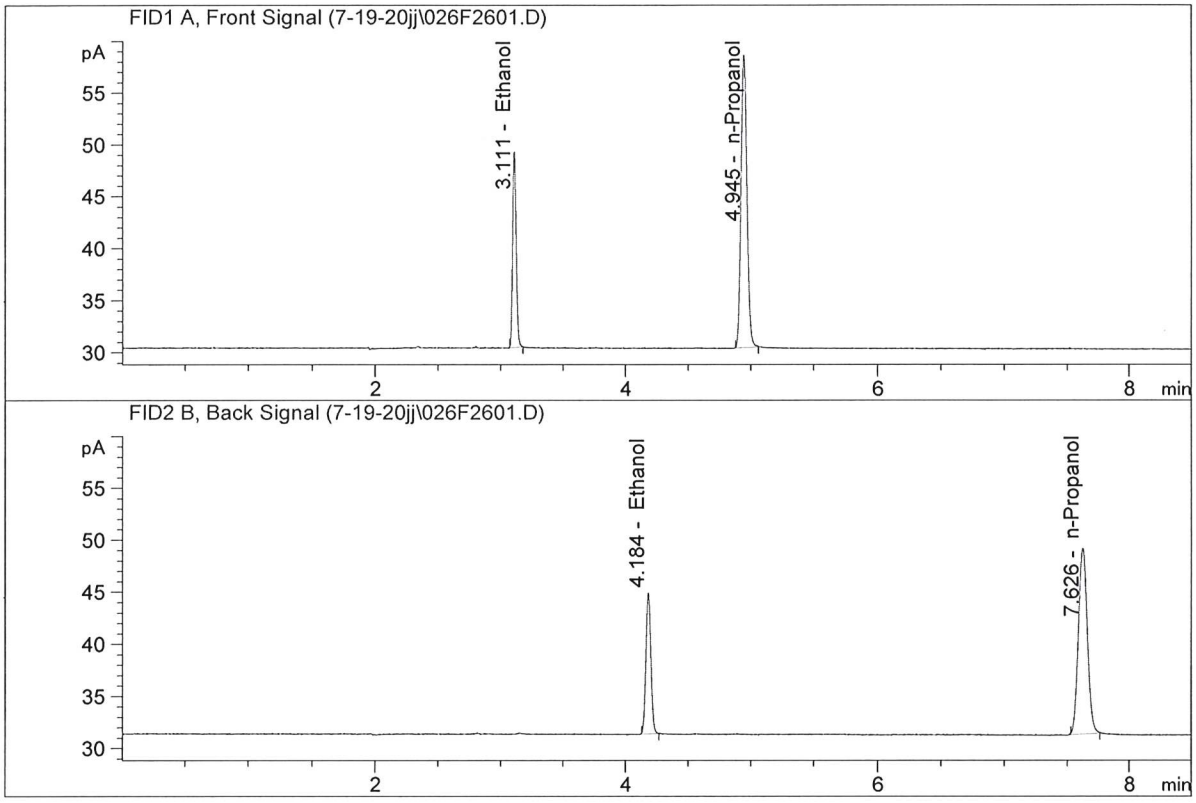
Overall Mean (g/100cc)	Low	High	5% of Mean
0.190	0.180	0.200	0.010

	Reported Result	
	0.190	

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 : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

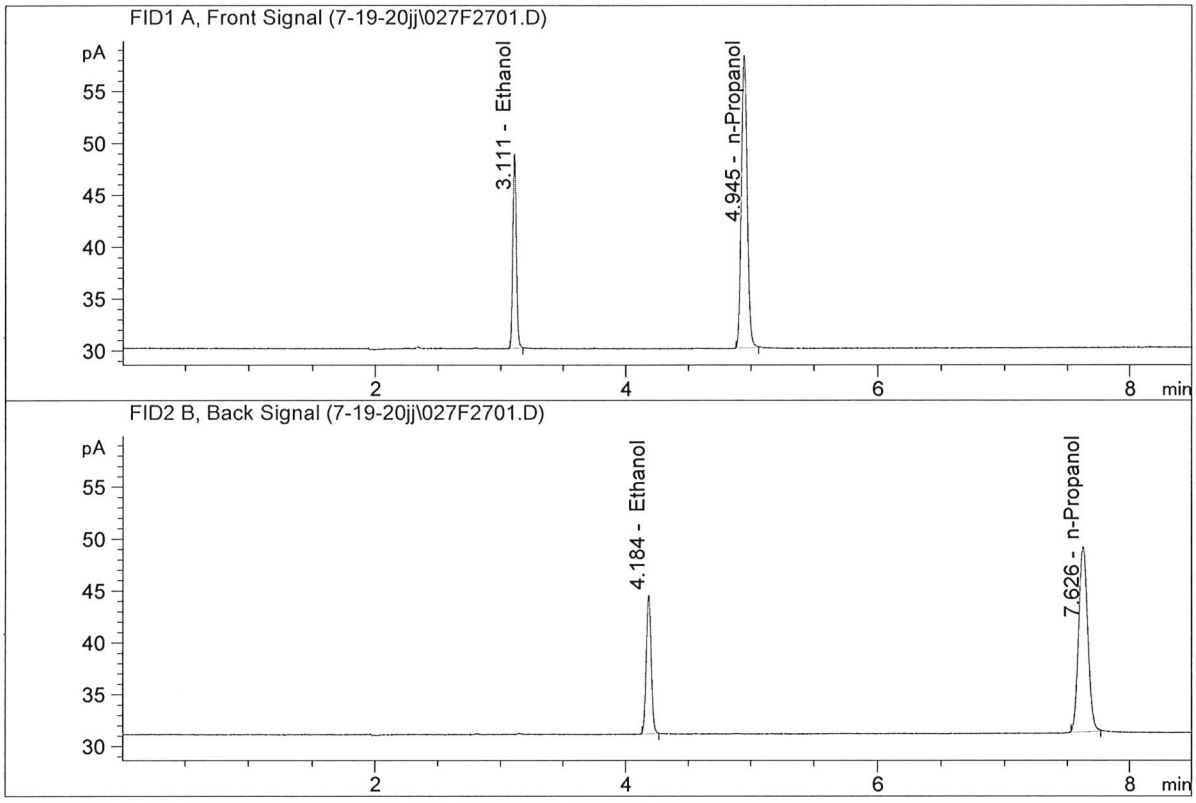


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	37.06907	0.1917	g/100cc
2.	Ethanol	Column 2:	37.10827	0.1919	g/100cc
3.	n-Propanol	Column 1:	92.46744	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.94740	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.77856	0.1898	g/100cc
2.	Ethanol	Column 2:	36.80304	0.1896	g/100cc
3.	n-Propanol	Column 1:	92.66388	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.27384	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(1) **Analysis Date(s): 19 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0752	0.0748	0.0004	0.0750	0.0002	0.0751
(g/100cc)	0.0754	0.0751	0.0003	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**

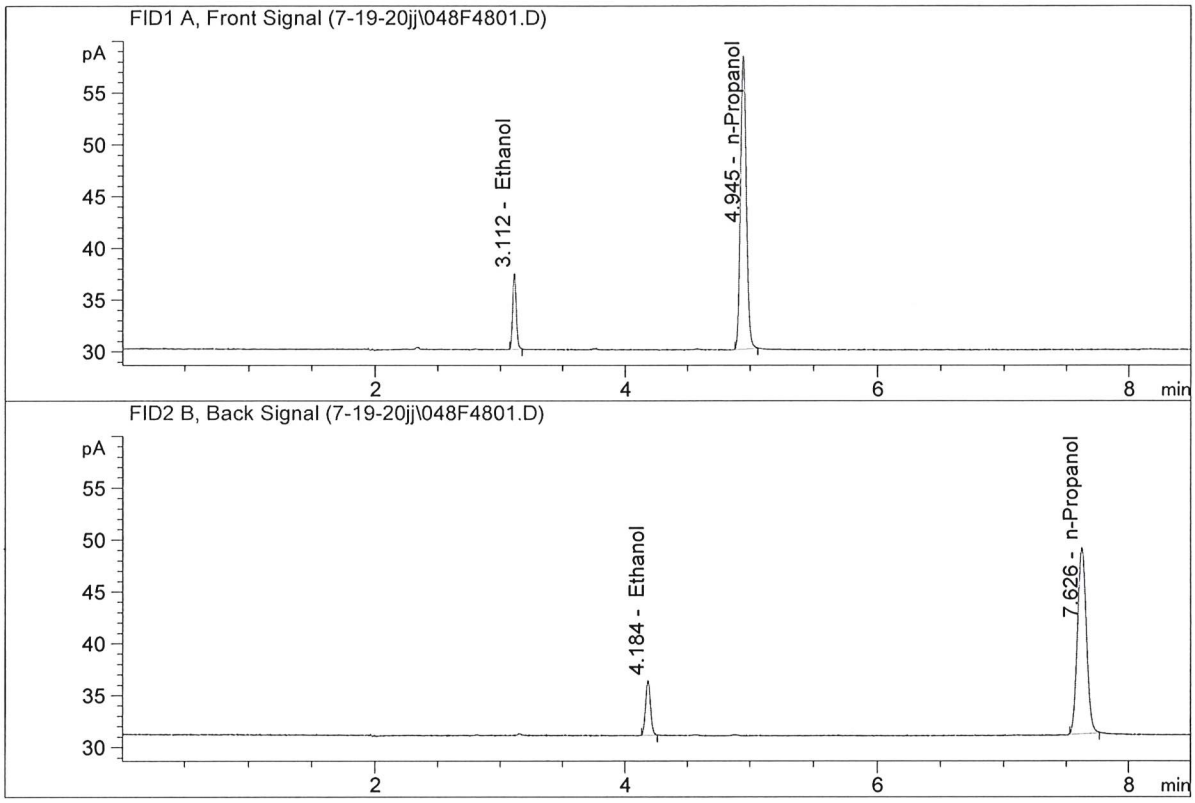
Reported Result

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 : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

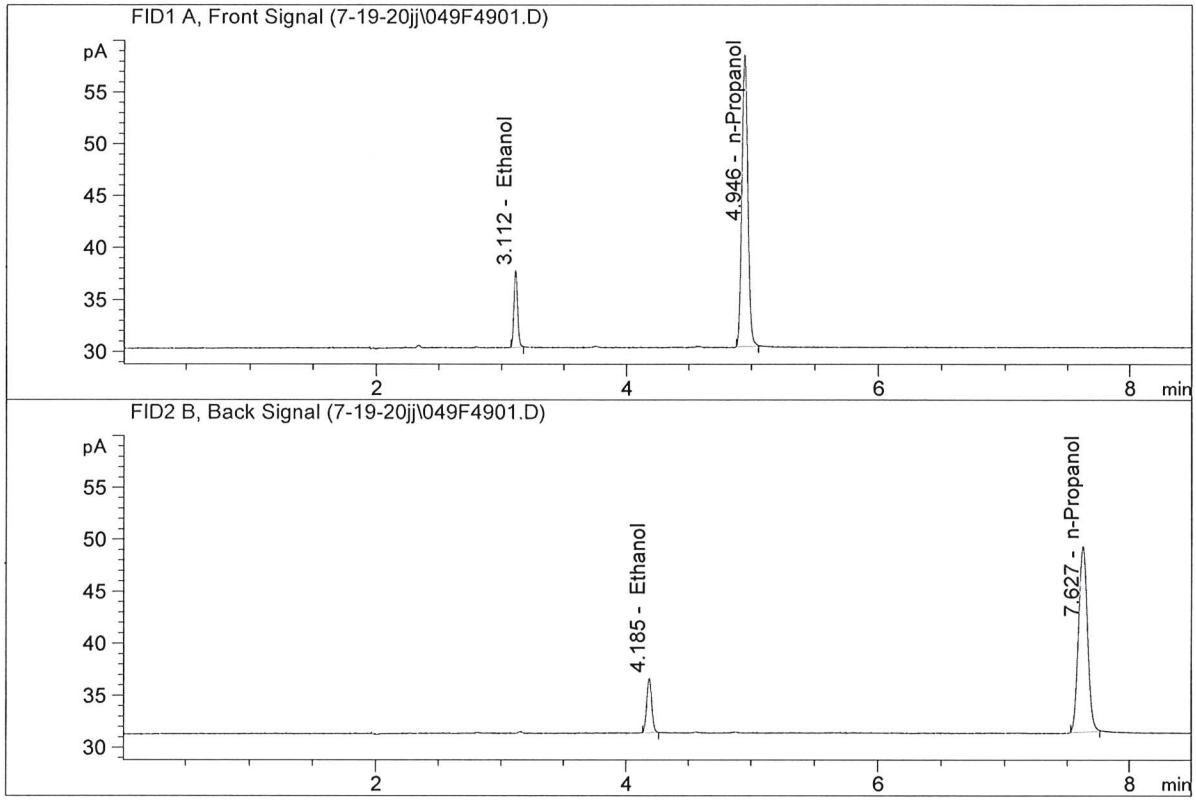


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.61983	0.0752	g/100cc
2.	Ethanol	Column 2:	14.57817	0.0748	g/100cc
3.	n-Propanol	Column 1:	93.02065	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.58464	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jul 19, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.56083	0.0754	g/100cc
2.	Ethanol	Column 2:	14.54118	0.0751	g/100cc
3.	n-Propanol	Column 1:	92.36302	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.07455	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(1) **Analysis Date(s): 20 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1941	0.1939	0.0002	0.1940	0.0019	0.1930
(g/100cc)	0.1922	0.1920	0.0002	0.1921		

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
0.193	**0.183**	**0.203**	**0.010**

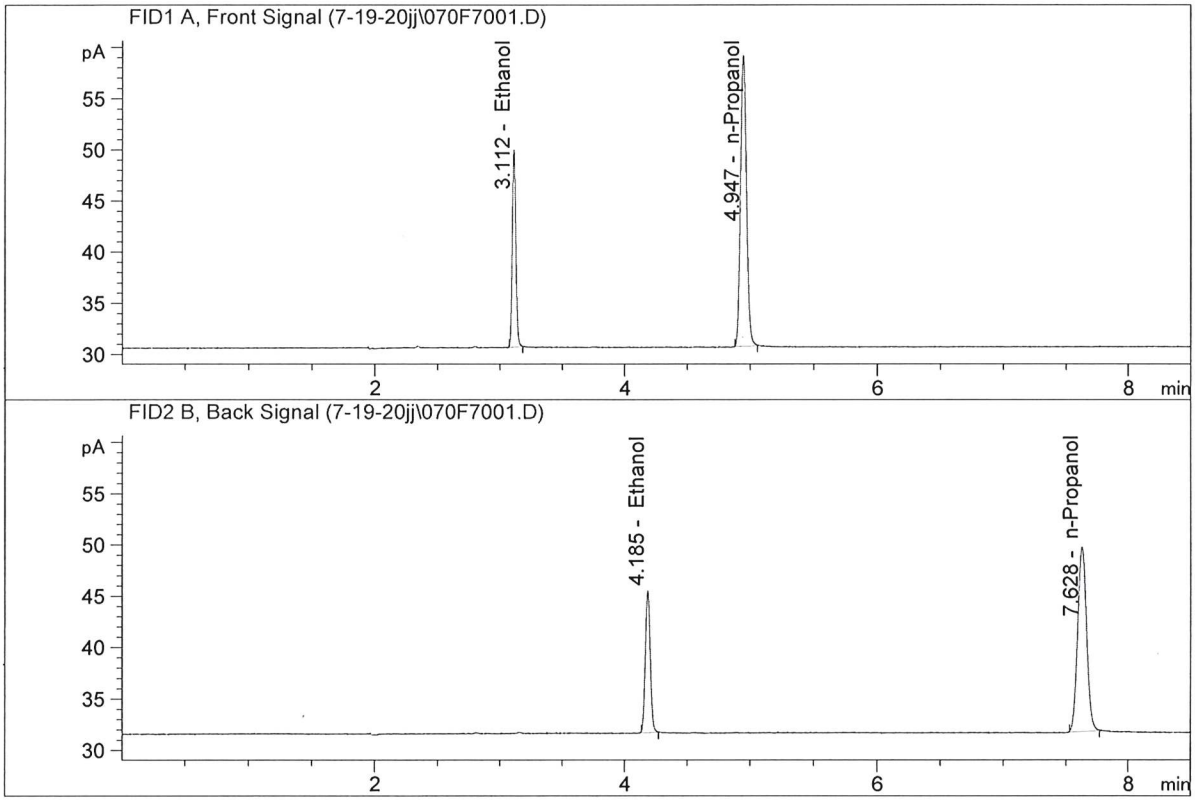
Reported Result

0.193

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 : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

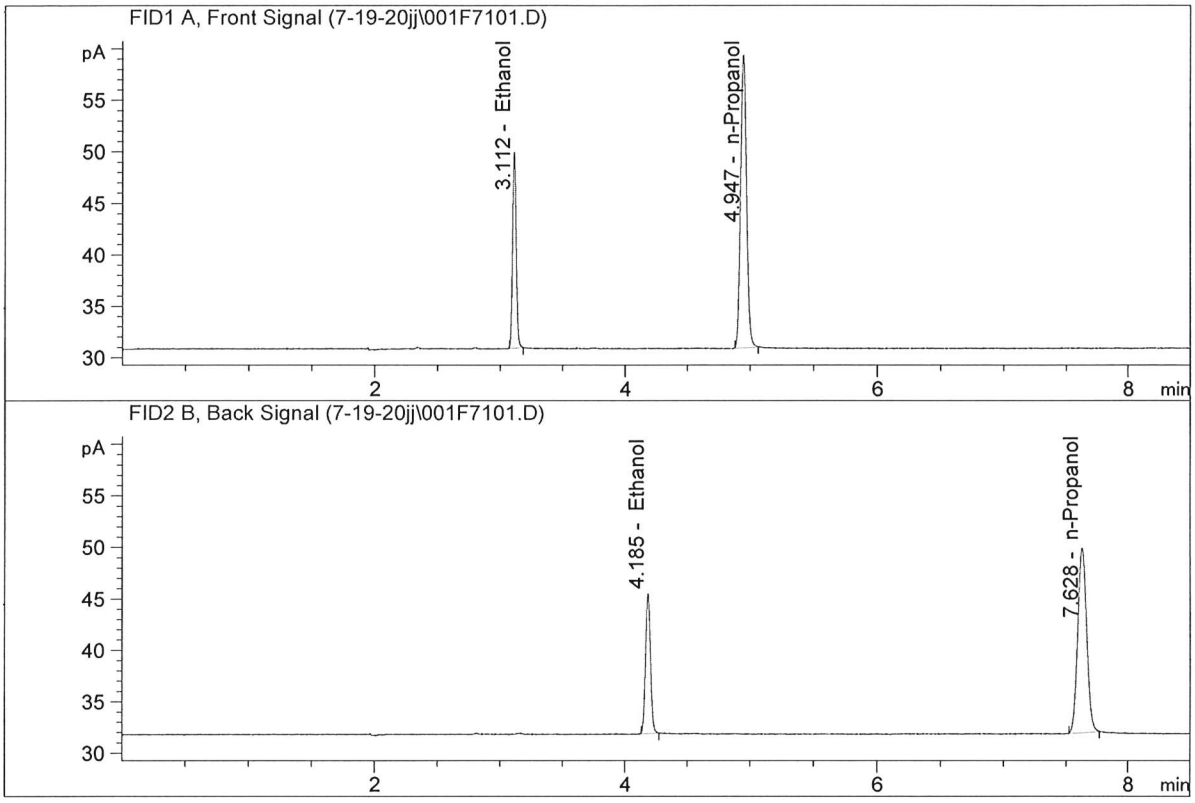


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	37.88354	0.1941	g/100cc
2.	Ethanol	Column 2:	37.90519	0.1939	g/100cc
3.	n-Propanol	Column 1:	93.33106	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.90111	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	37.45245	0.1922	g/100cc
2.	Ethanol	Column 2:	37.47908	0.1920	g/100cc
3.	n-Propanol	Column 1:	93.20081	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.79650	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(1) **Analysis Date(s): 20 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0756	0.0751	0.0005	0.0753	0.0011	0.0747
(g/100cc)	0.0747	0.0737	0.0010	0.0742		

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%**

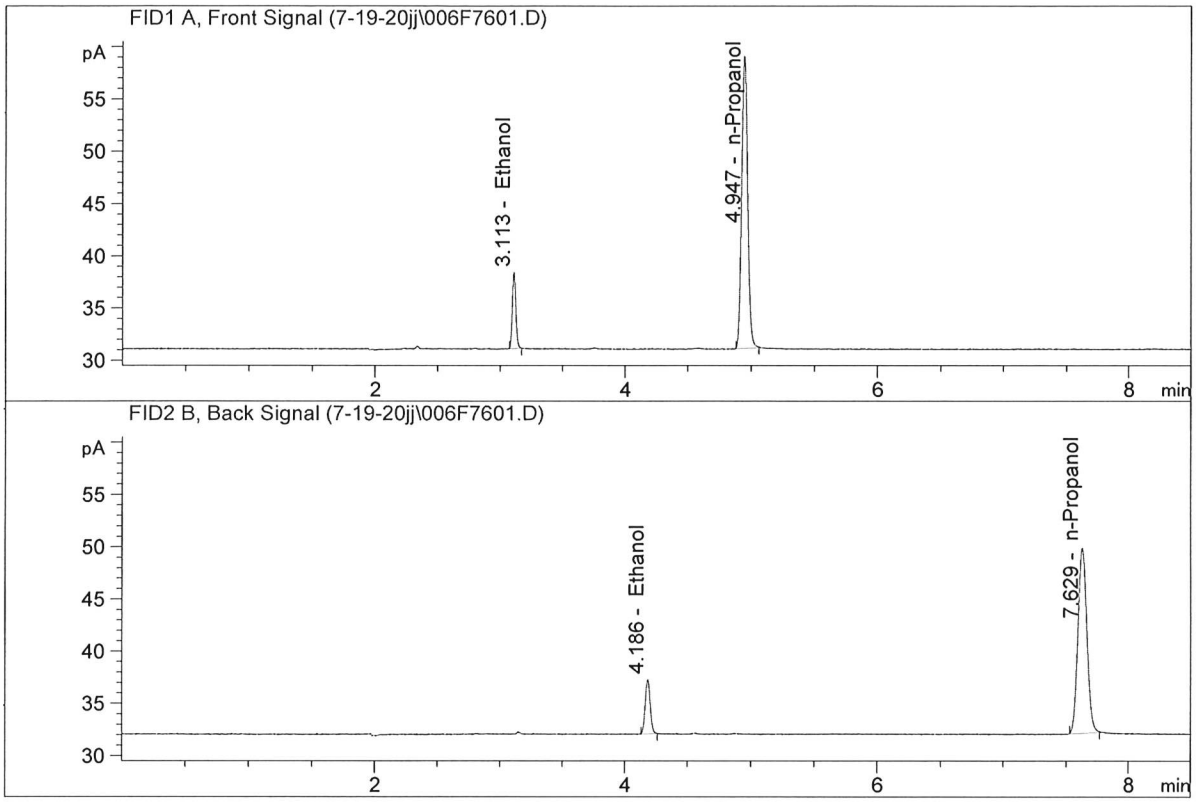
Overall Mean (g/100cc)	Low	High	5% of Mean
0.074	**0.070**	**0.078**	**0.004**

	Reported Result	
	0.074	

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 : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

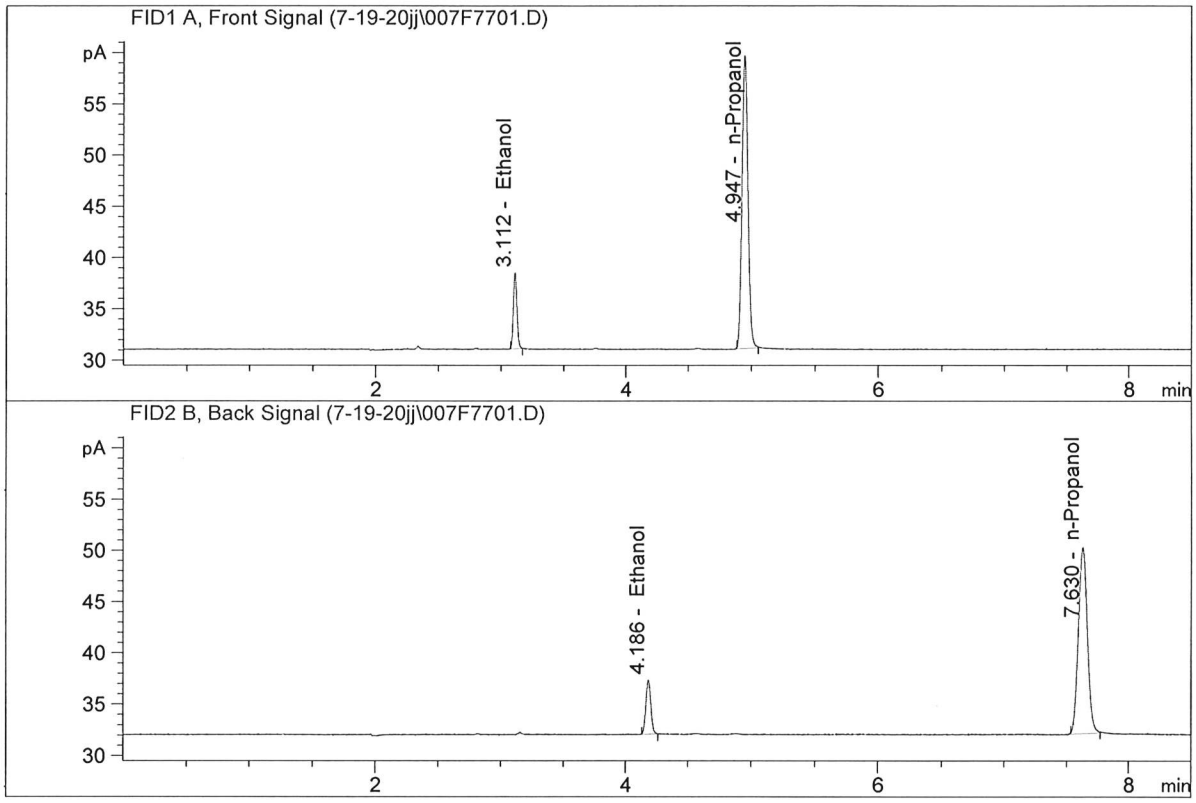


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.48827	0.0756	g/100cc
2.	Ethanol	Column 2:	14.41914	0.0751	g/100cc
3.	n-Propanol	Column 1:	91.65218	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.33684	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.60721	0.0747	g/100cc
2.	Ethanol	Column 2:	14.50200	0.0737	g/100cc
3.	n-Propanol	Column 1:	93.52534	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.56957	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(1) **Analysis Date(s): 20 Jul 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results (g/100cc)	0.1919	0.1910	0.0009	0.1914	0.0001	0.1915
	0.1918	0.1913	0.0005	0.1915		

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
0.191	**0.181**	**0.201**	**0.010**

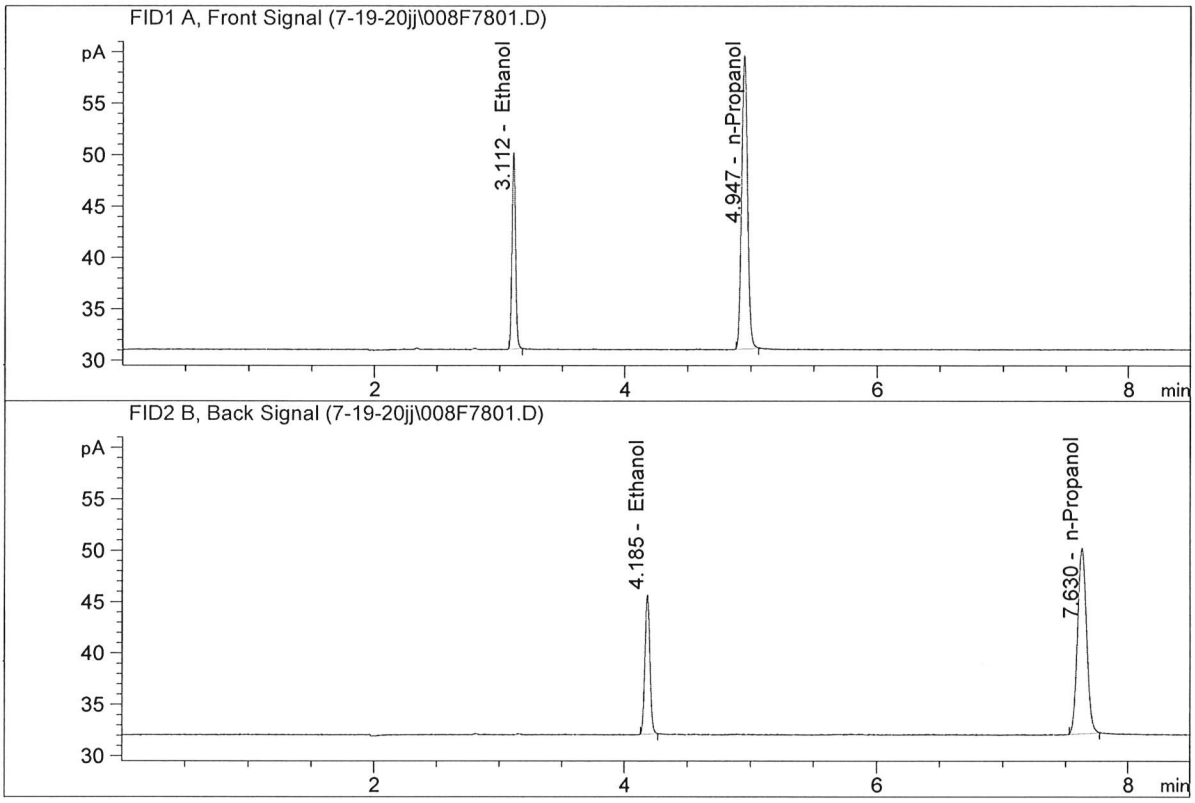
Reported Result

0.191

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

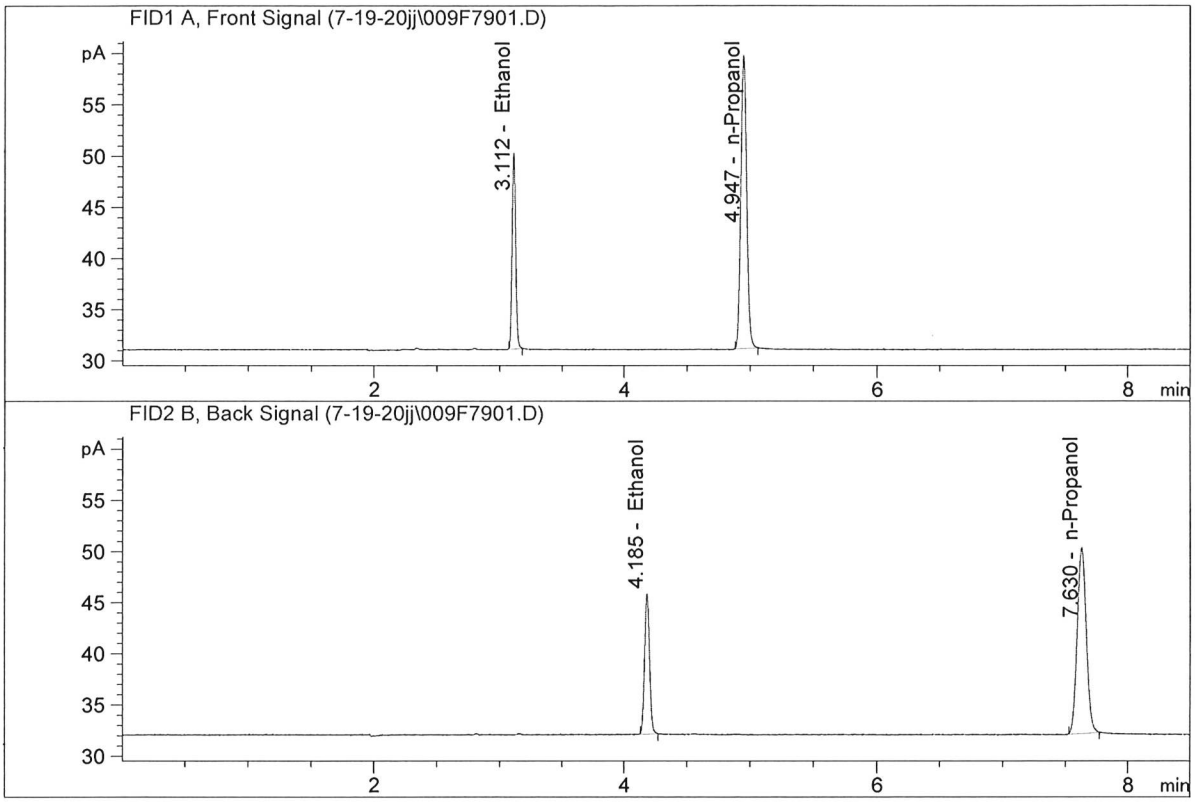
Sample Name : QC-2(1)-A
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	37.47864	0.1919	g/100cc
2.	Ethanol	Column 2:	37.41686	0.1910	g/100cc
3.	n-Propanol	Column 1:	93.41486	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.11124	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

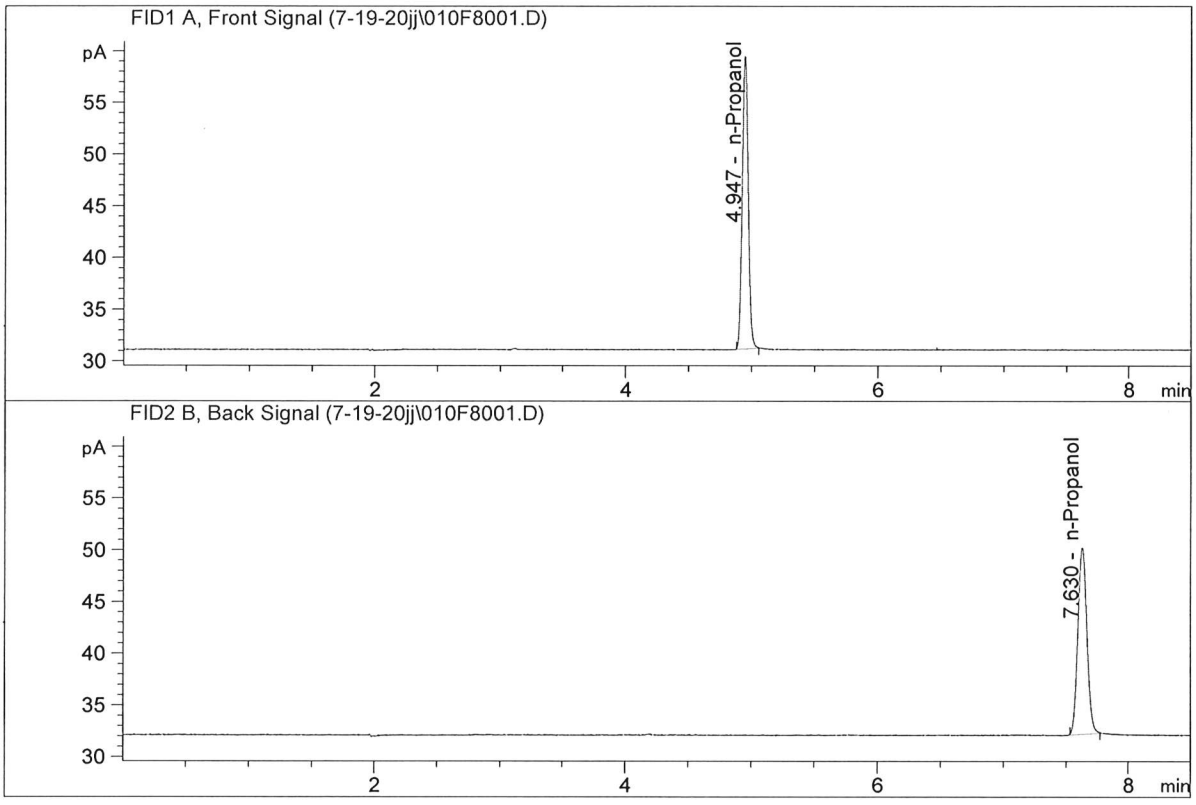
Sample Name : QC-2(1)-B
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	37.60565	0.1918	g/100cc
2.	Ethanol	Column 2:	37.60058	0.1913	g/100cc
3.	n-Propanol	Column 1:	93.75872	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.40914	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-2
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

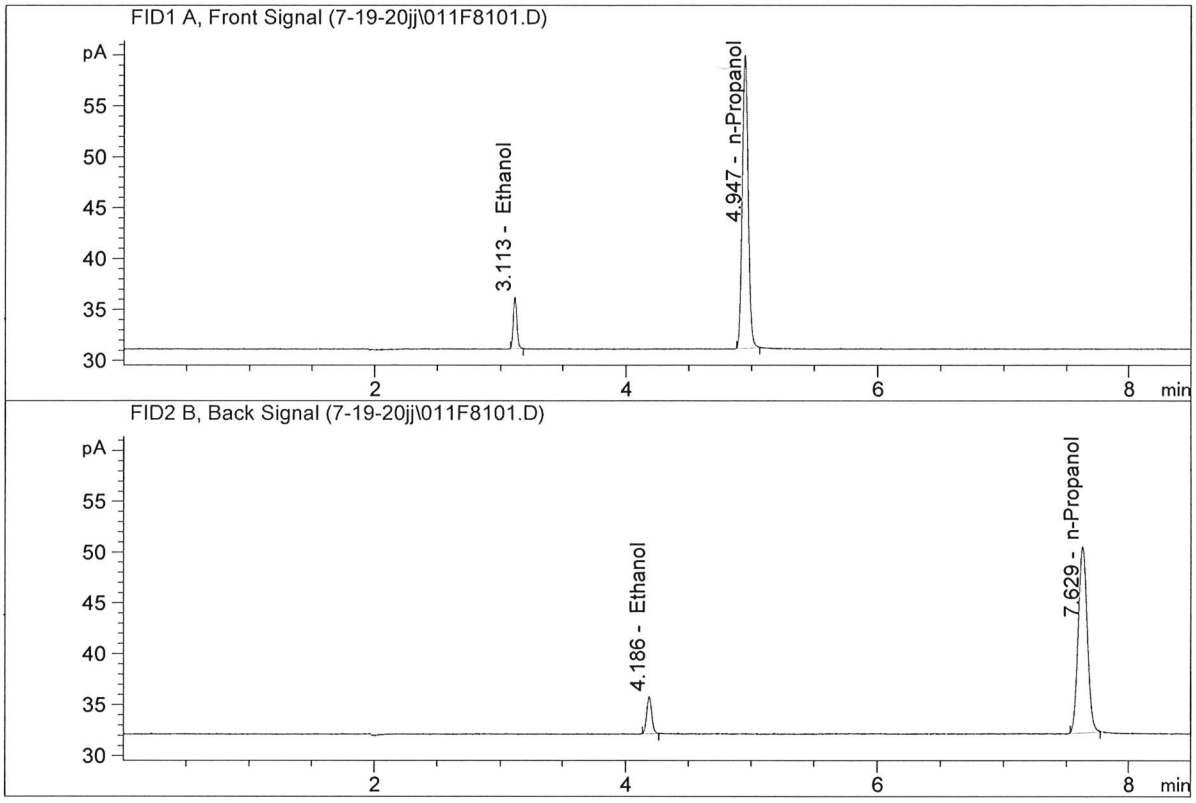


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	92.90520	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.97931	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.05 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

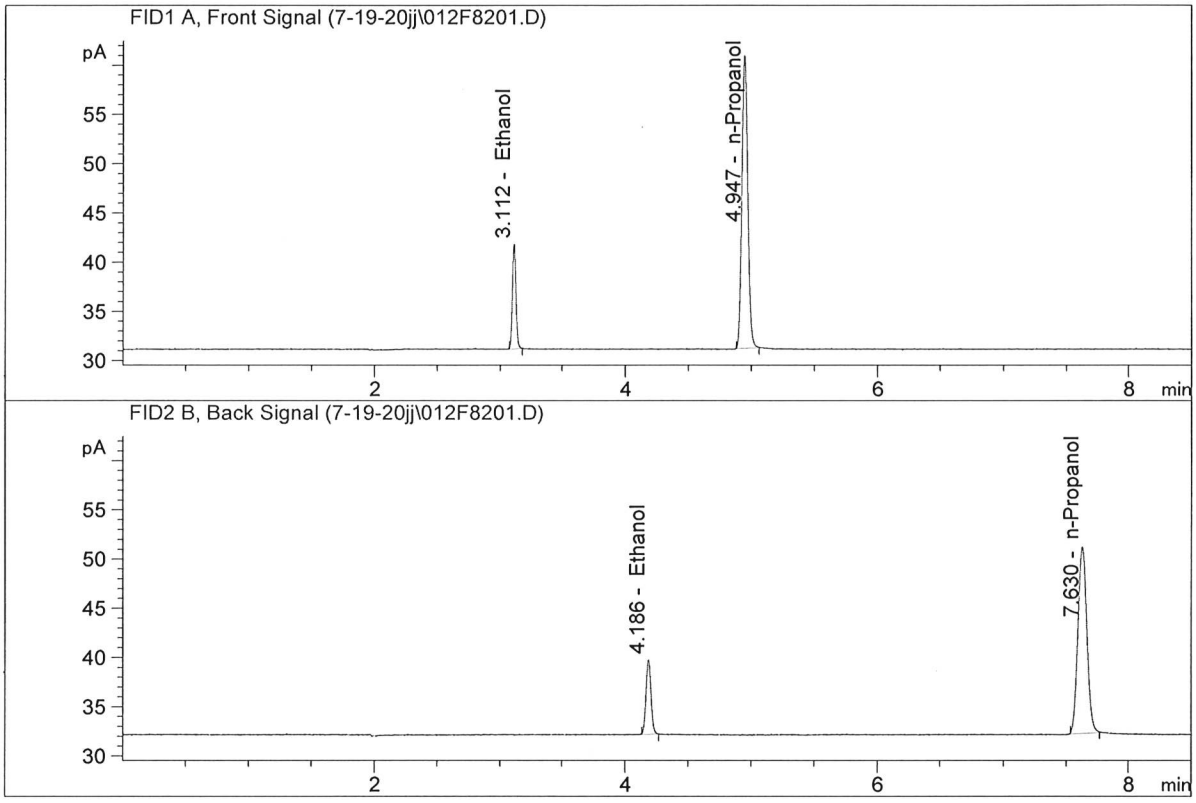


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.09200	0.0512	g/100cc
2.	Ethanol	Column 2:	9.98357	0.0504	g/100cc
3.	n-Propanol	Column 1:	94.30922	1.0000	g/100cc
4.	n-Propanol	Column 2:	92.18721	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

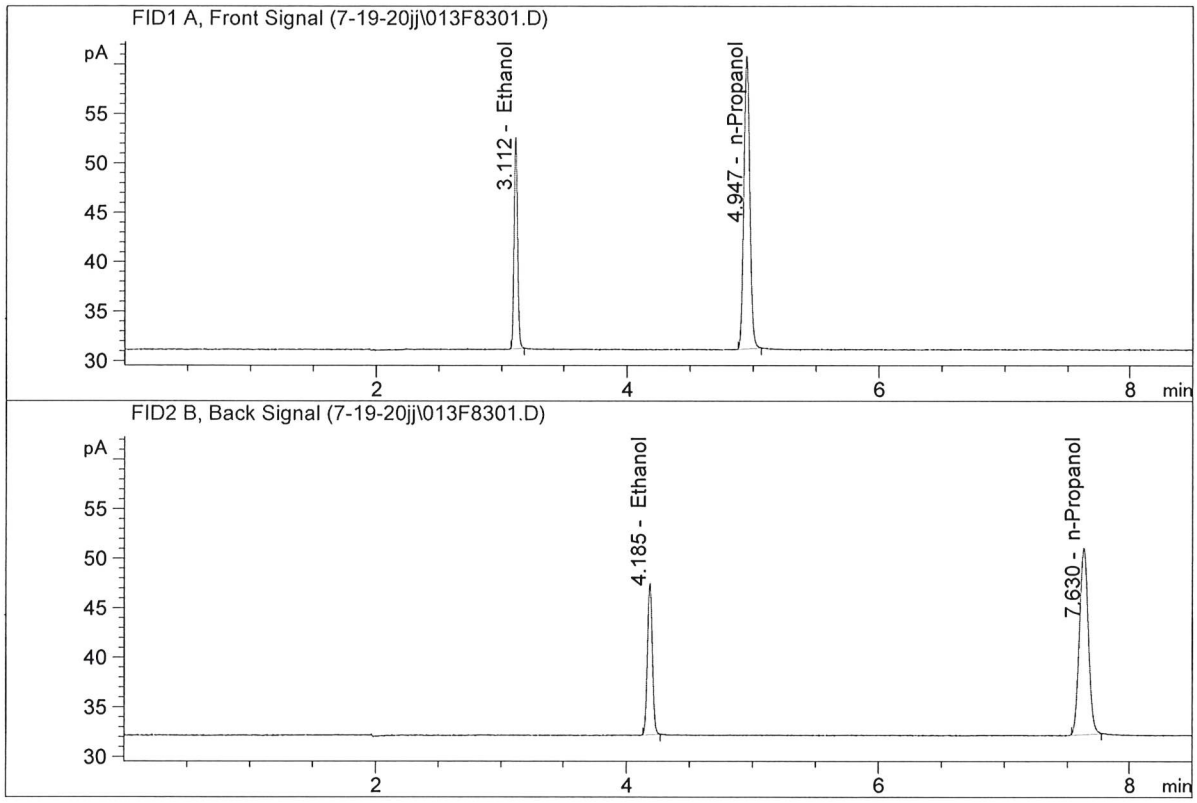
Sample Name : 0.100 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	21.03105	0.1031	g/100cc
2.	Ethanol	Column 2:	20.97325	0.1025	g/100cc
3.	n-Propanol	Column 1:	97.53780	1.0000	g/100cc
4.	n-Propanol	Column 2:	95.17698	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

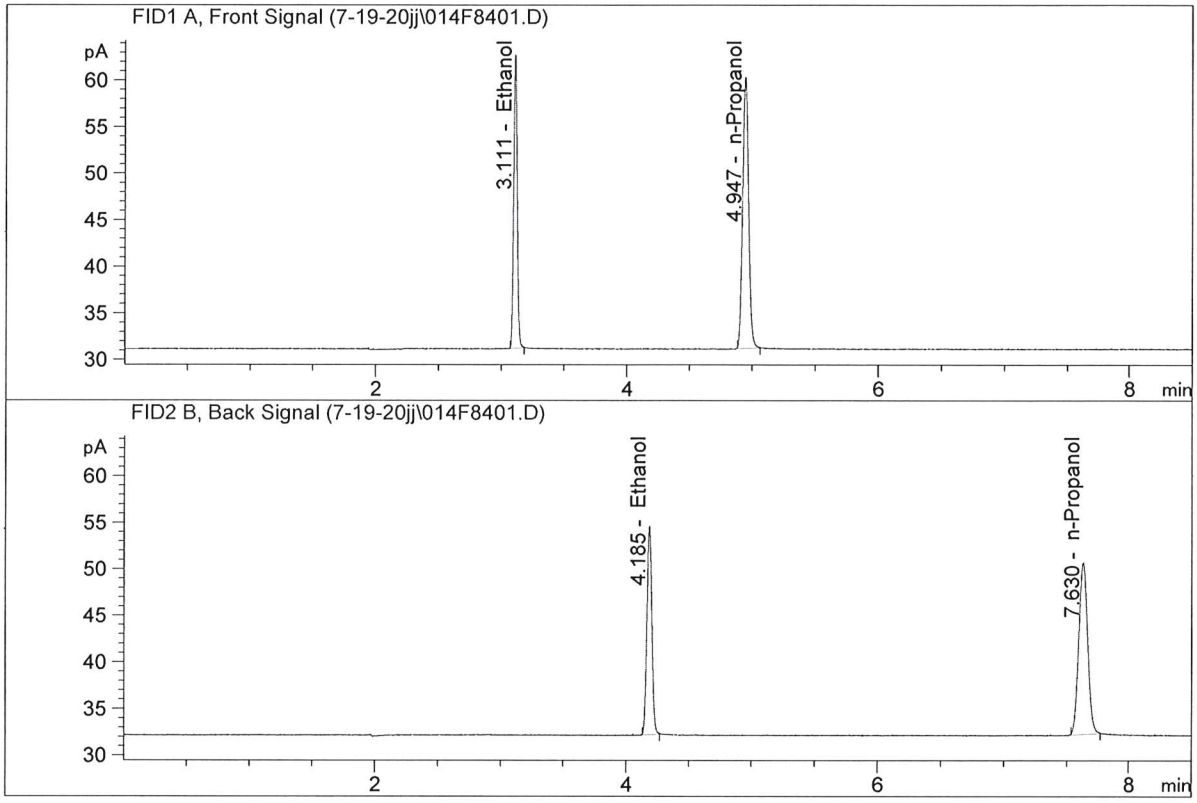


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	41.95935	0.2068	g/100cc
2.	Ethanol	Column 2:	41.89243	0.2058	g/100cc
3.	n-Propanol	Column 1:	97.01685	1.0000	g/100cc
4.	n-Propanol	Column 2:	94.67155	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

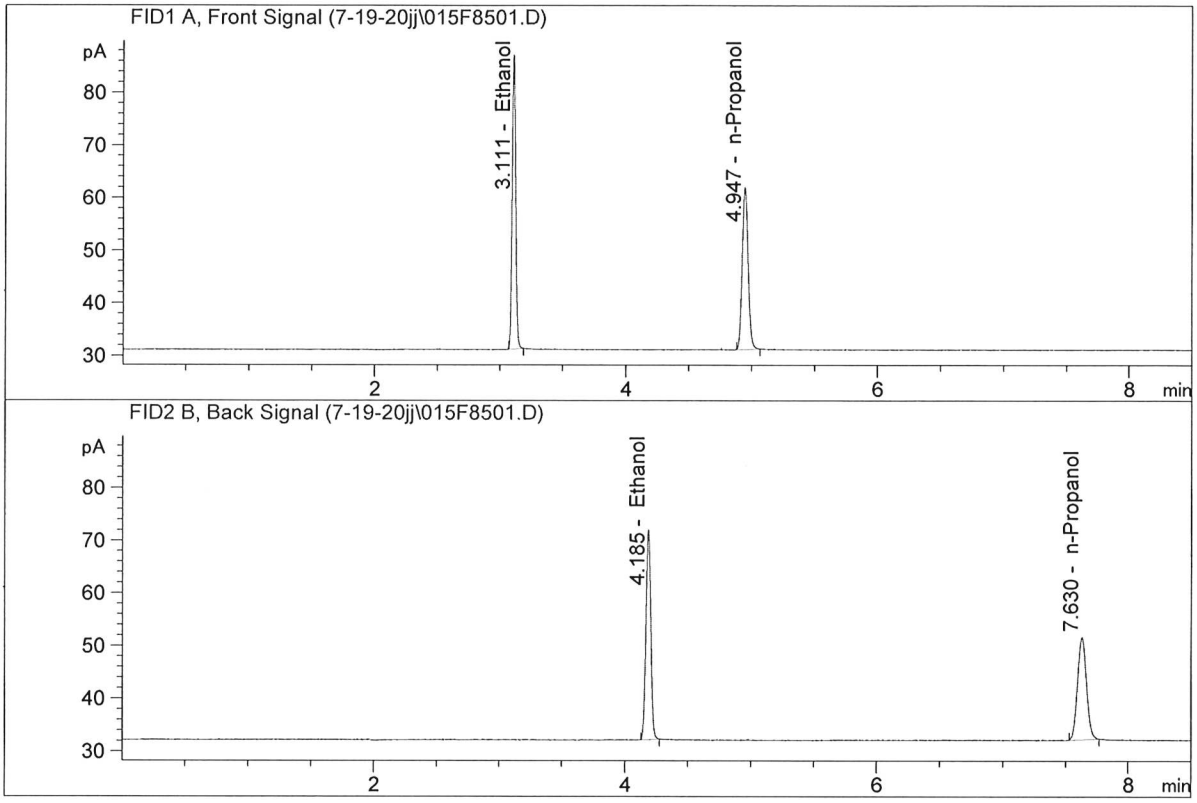


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	61.49791	0.3078	g/100cc
2.	Ethanol	Column 2:	61.45783	0.3074	g/100cc
3.	n-Propanol	Column 1:	95.52738	1.0000	g/100cc
4.	n-Propanol	Column 2:	92.96622	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 CHECK
Laboratory : Coeur d' Alene
Injection Date : Jul 20, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	108.74710	0.5171	g/100cc
2.	Ethanol	Column 2:	108.75310	0.5174	g/100cc
3.	n-Propanol	Column 1:	100.57031	1.0000	g/100cc
4.	n-Propanol	Column 2:	97.75304	1.0000	g/100cc

99