Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240530_MH		Analyst Review	Technical Review
BAC Summary	Verify batch name, instrument, analyst, UM%, and QC targets	✓	✓
	Verify Cal 1 obtained values and IS area counts	✓	✓
	Verify IS of all QCs and samples fall within acceptable area count range	✓	✓
BAC Batch Information	IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed	✓	✓
	Confirm standards and/or reagents made in-house are verified	✓	✓
	Pipette(s) listed	✓	✓
Sequence(s)	Verify date is consistent with batch date	✓	✓
	Verify method used for all samples is correct, and all pages accounted for	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓
Method	Verify correct method is included, and all pages accounted for	✓	✓
Performance Check	Verify air blank and PC are acceptable	✓	✓
Calibration Table & Curve	Verify date is consistent with calibration date, and all pages accounted for	✓	✓
	Verify R^2 values are acceptable for ethanol	✓	✓
Data	Verify calibrator area counts listed in the calibration table for ethanol	✓	✓
	Verify chromatography, retention time, and symmetry values are acceptable for ethanol	✓	✓
	Verify calibrators and QCs are within acceptable range for ethanol	✓	✓
	Verify all cases listed on BAC summary have data	✓	✓
	Verify barcodes match	✓	✓
Ethanol Confirmation Worksheet(s)	Verify aliquot values against data for all case samples	✓	✓
	Verify Reported Result and UM for all case samples	✓	✓
JTrax	Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples	✓	✓
Verify QCs were added to QC log		✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓
All printed pages initialed		✓	✓
Total number of pages	144	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.06.04 11:20:38 -05'00'

Date: 6/4/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.07.01 09:28:55 -05'00'

Date: 7/1/2024

Batch Name: BAC_20240530_MH

Technical Review Notes

-BCCL-24-1031 aliquot 2 barcode does not match, comment needed -KB 6/27/2024

BAC Summary Worksheet

Batch Name:	BAC_20240530_MH
Instrument:	BAC-1
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		264.9993	248.6137
Acceptance Range	Min	238.4994	223.7524
	Max	291.4992	273.4751

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0103	0.0103	0.0103	3.00	0.00	0.00	269.6504	253.3722
0.025 g/100mL Calibrator	0.0248	0.0248	0.0248	-0.80	0.00	0.00	261.7769	245.5045
0.050 g/100mL Calibrator	0.0496	0.0497	0.0496	-0.80	0.00	0.20	254.6359	238.7146
0.100 g/100mL Calibrator	0.0988	0.0986	0.0987	-1.30	0.10	-0.10	266.5585	250.0791
0.200 g/100mL Calibrator	0.1983	0.1982	0.1982	-0.90	0.05	0.00	269.2334	252.5113
0.400 g/100mL Calibrator	0.4000	0.4001	0.4000	0.00	0.00	0.02	269.3986	252.7027
0.500 g/100mL Calibrator	0.5032	0.5034	0.5033	0.66	-0.02	0.02	263.7413	247.4118

		Target	Acceptance Range Min	Acceptance Range Max
Calibrators	**Level 1**	0.0100	0.0090	0.0110
	Level 2	0.0250	0.0225	0.0275
	Level 3	0.0500	0.0450	0.0550
	Level 4	0.1000	0.0950	0.1050
	Level 5	0.2000	0.1900	0.2100
	Level 6	0.4000	0.3800	0.4200
	Level 7	0.5000	0.4750	0.5250

Controls	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
Negative	0.0000	0.0000	0.0000	-	-	-	264.4561	247.7523
High QC	0.4017	0.4023	0.4020	0.50	-0.07	0.07	264.5034	247.9336
Low QC	0.0797	0.0795	0.0796	-0.50	0.13	-0.13	270.5656	253.4750
Blood QC A	0.0763	0.0763	0.0763	-1.93	0.00	0.00	264.9571	248.3077
Blood QC B	0.1950	0.1952	0.1951	-1.27	-0.05	0.05	270.2397	252.8491
Blood QC A	0.0789	0.0785	0.0787	1.16	0.25	-0.25	254.0229	237.7233
Blood QC B	0.1996	0.1995	0.1995	0.96	0.05	0.00	255.2179	238.9689
Blood QC A	0.0795	0.0791	0.0793	1.93	0.25	-0.25	257.6130	241.8572
Blood QC B	0.1997	0.1987	0.1992	0.81	0.25	-0.25	259.8361	244.1278
Blood QC A	0.0769	0.0764	0.0766	-1.54	0.39	-0.26	268.0589	252.6047
High QC	0.4084	0.4068	0.4076	1.90	0.20	-0.20	271.4894	255.6903
Low QC	0.0811	0.0810	0.0810	1.25	0.12	0.00	265.1026	249.8099
DI Water	0.0000	0.0000	0.0000	-	-	-	275.5423	259.5930

		Target	Acceptance Range Min	Acceptance Range Max
Controls	**High QC**	0.4000	0.3800	0.4200
	Low QC	0.0800	0.0760	0.0840
	Blood QC A	0.0778	0.0739	0.0817
	Blood QC B	0.1976	0.1877	0.2075

	Lab Number	Ethanol Obtained Value Alq1 FID1	Ethanol Obtained Value Alq1 FID2	Ethanol Obtained Value Alq2 FID1	Ethanol Obtained Value Alq2 FID2	Result	UM	% Difference FID & Average Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	BCCL-22-0582 001	0.1781	0.1780	0.1859	0.1847	0.181	0.026	-1.97	-2.02	2.33	1.67	276.9562	259.8605	261.5254	246.5037
2	BCCL-22-0755 001	0.1051	0.1049	0.1035	0.1025	0.104	0.015	1.06	0.87	-0.48	-1.44	269.5395	252.6731	267.5473	252.1448
3	BCCL-22-0777 001	0.1669	0.1670	0.1612	0.1605	0.163	0.023	1.83	1.89	-1.65	-2.07	259.6269	243.6427	273.7183	258.1023
4	**BCCL-22-0801 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	261.7002	244.7936	262.8038	247.1420
5	**BCCL-22-0804 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	272.2270	254.7580	262.8333	247.2800
6	**BCCL-22-0829 001**	0.0000	0.0000	0.0000	0.0000	none detected	5/31/2024 mh	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	263.7608	246.7421	254.6998	239.5227
7	BCCL-22-0830 001	~~0.1838~~	~~0.1827~~	~~0.2044~~	~~0.2033~~	~~0.193~~	~~0.028~~	-5.43	-5.48	5.74	5.17	273.5432	256.5722	262.2636	246.9692
8	BCCL-22-0837 001	0.2675	0.2672	0.2860	0.2845	0.276	0.040	-3.18	-3.29	3.51	2.97	267.6914	250.9809	254.7987	240.0519
9	BCCL-22-0877 001	0.1894	0.1893	0.1885	0.1874	0.188	0.027	0.40	0.34	-0.08	-0.66	263.0563	246.7684	260.5139	245.4307
10	BCCL-22-0900 001	0.1856	0.1854	0.1922	0.1912	0.188	0.027	-1.59	-1.70	1.91	1.38	254.8908	238.6210	256.0071	240.8226
11	BCCL-22-0933 001	0.2282	0.2285	0.2304	0.2301	0.229	0.033	-0.48	-0.35	0.48	0.35	259.3250	242.4594	264.6817	248.6781
12	**BCCL-22-0988 001**	0.0000	0.0000	0.0000	0.0000	none detected	5/31/2024 mh	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	266.0699	249.1941	265.2937	249.3022
13	**BCCL-22-1018 001**	~~0.0577~~	~~0.0576~~	~~0.0514~~	~~0.0511~~	~~0.054~~	~~0.008~~	5.97	5.79	-5.60	-6.15	262.1953	245.8561	256.0962	240.9423
14	BCCL-22-1070 001	0.1225	0.1220	0.1299	0.1291	0.125	0.018	-2.68	-3.08	3.20	2.56	276.2786	258.7552	271.8360	255.7118
15	**BCCL-22-1098 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	267.7541	250.9759	261.6438	246.1275
16	BCCL-22-1124 001	0.1826	0.1824	0.1850	0.1847	0.183	0.026	-0.59	-0.69	0.72	0.56	256.4704	240.1011	261.8225	245.9343
17	BCCL-22-1245 001	0.1158	0.1160	0.1150	0.1143	0.115	0.017	0.46	0.63	-0.24	-0.85	263.4539	246.6176	257.1010	241.5800
18	**BCCL-22-1256 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	260.5138	243.8042	259.9092	243.9539
19	BCCL-22-1283 001	0.1781	0.1778	0.1798	0.1788	0.178	0.026	-0.29	-0.46	0.66	0.10	255.1682	239.0055	254.7530	239.4955
20	BCCL-22-1334 001	0.2046	0.2044	0.2024	0.2017	0.203	0.029	0.65	0.55	-0.43	-0.77	255.6565	239.4126	254.7529	239.2945
21	**BCCL-22-1349 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	262.6707	246.0286	262.7186	246.6988
22	**BCCL-22-1350 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	259.7646	243.2308	252.5035	236.9415
23	BCCL-24-1011 001	0.1476	0.1469	0.1463	0.1456	0.146	0.021	0.68	0.20	-0.20	-0.68	258.4888	242.4509	266.1822	250.1347
24	**BCCL-24-1012 001**	0.0972	0.0970	0.0926	0.0920	0.094	0.014	2.64	2.43	-2.22	-2.85	259.6613	243.3556	265.8466	249.5701
25	BCCL-24-1013 007	0.1333	0.1332	0.1371	0.1365	0.135	0.019	-1.28	-1.35	1.54	1.09	269.1606	252.5545	266.1669	250.0661
26	BCCL-24-1024 001	0.1758	0.1752	0.1650	0.1646	0.170	0.024	3.32	2.97	-3.03	-3.26	271.7990	255.3202	257.5664	242.1246
27	BCCL-24-1030 001	0.1069	0.1069	0.0996	0.0995	0.103	0.015	3.56	3.56	-3.51	-3.61	251.3651	235.7565	271.8843	255.4403
28	BCCL-24-1031 001	0.2015	0.2011	0.1964	0.1960	0.198	0.028	1.38	1.18	-1.18	-1.38	268.5377	252.2325	255.3406	239.9121
29	BCCL-24-1033 001	0.2532	0.2526	0.2673	0.2670	0.260	0.037	-2.62	-2.86	2.80	2.68	269.3688	252.8732	251.8909	236.4580
30	**BCCL-24-1038 001**	0.0555	0.0552	0.0550	0.0548	0.055	0.008	0.68	0.14	-0.23	-0.59	266.0327	249.8738	263.9186	247.8991

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.06.03 12:44:35 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC_20240530_MH Analyst: Melissa Henry Instrument: BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-S008H
Cal 2	FN03122112	3/31/2026	S-23-S002I
Cal 3	FN03172301	3/31/2028	S-23-S010B
Cal 4	FN03072301	3/31/2028	S-23-S011B
Cal 5	FN03132302	3/31/2028	S-23-S012A
Cal 6	FN03052102	3/31/2026	S-22-054H
Cal 7	FN06262004	7/31/2025	S-23-S014C
High QC	30012020-A	1/31/2025	S-23-S00610
Low QC	S17757	6/21/2025	S-24-S001A/B S13012024 mh
Blood QC A	2101199	2/28/2025	S-22-031E
Blood QC B	2110181	3/31/2026	S-23-S000F
Internal Standard	N/A	9/13/2024	R-24-S001
Pipette(s)	205L, 5053		

Comments:

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry 6/3/2024 mh

BAC_20240530_MH

Worklist ID: 36TRB30X1TGE9W

Case #	Evid #	Evid Type	Service
BCCL-22-0582	001	Blood	Alcohol
BCCL-22-0755	001	Blood	Alcohol
BCCL-22-0777	001	Blood	Alcohol
BCCL-22-0801	001	Blood	Alcohol
BCCL-22-0804	001	Blood	Alcohol
BCCL-22-0829	001	Blood	Alcohol
BCCL-22-0830	001	Blood	Alcohol
BCCL-22-0837	001	Blood	Alcohol
BCCL-22-0877	001	Blood	Alcohol
BCCL-22-0900	001	Blood	Alcohol
BCCL-22-0933	001	Blood	Alcohol
BCCL-22-0988	001	Blood	Alcohol
BCCL-22-1018	001	Blood	Alcohol

BAC_20240530-MH

Case #	Evid #	Evid Type	Service
BCCL-22-1070	001	Blood	Alcohol
BCCL-22-1098	001	Blood	Alcohol
BCCL-22-1124	001	Blood	Alcohol
BCCL-22-1245	001	Blood	Alcohol
BCCL-22-1256	001	Blood	Alcohol
BCCL-22-1283	001	Blood	Alcohol
BCCL-22-1334	001	Blood	Alcohol
BCCL-22-1349	001	Blood	Alcohol
BCCL-22-1350	001	Blood	Alcohol
BCCL-24-1011	001	Blood	Alcohol
BCCL-24-1012	001	Blood	Alcohol
BCCL-24-1013	007	Blood	Alcohol
BCCL-24-1024	001	Blood	Alcohol
BCCL-24-1030	001	Blood	Alcohol
BCCL-24-1031	001	Blood	Alcohol

mh

BAC-20240530-MH

Case #	Evid #	Evid Type	Service
BCCL-24-1033	001	Blood	Alcohol
BCCL-24-1038	001	Blood	Alcohol

MH

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240530_MH.S

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2024\BAC_20240530_MH.S
Operator : Melissa Henry
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : 2024
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\","shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE: verified by KB 5/30/2024

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-1301)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1

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Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-1302)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2

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Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-1303)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3

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Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (24-1304)
Method Name : BAC
Sample Type : Calibration

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mh

Calibration Level : 4

Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-1305)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-1306)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-1307)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-1308)
Method Name : BAC
Sample Type : Sample

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-1309)
Method Name : BAC
Sample Type : Sample

Line : 10
Location : 10
Sample Information :

mh

Sample Name : Low QC (24-1310)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-1311)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-22-0582 001 (24-1312)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-22-0755 001 (24-1313)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-22-0777 001 (24-1314)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-22-0801 001 (24-1315)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

mh

Sample Name : BCCL-22-0804 001 (24-1316)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-22-0829 001 (24-1317)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-22-0830 001 (24-1318)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-22-0837 001 (24-1319)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-22-0877 001 (24-1320)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-22-0900 001 (24-1321)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

mh

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240530_MH.S

Sample Name : Blood QC B (24-1322)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-22-0933 001 (24-1323)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-22-0988 001 (24-1324)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-22-1018 001 (24-1325)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-22-1070 001 (24-1326)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-22-1098 001 (24-1327)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1

mh

Sample Name : BCCL-22-1124 001 (24-1328)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-22-1245 001 (24-1329)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-22-1256 001 (24-1330)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-22-1283 001 (24-1331)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-22-1334 001 (24-1332)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-1333)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 1

mh

Sample Name : BCCL-22-1349 001 (24-1334)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-22-1350 001 (24-1335)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-1011 001 (24-1336)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-24-1012 001 (24-1337)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq 1
Sample Name : BCCL-24-1013 007 (24-1338)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-24-1024 001 (24-1339)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq 1

mh

Sample Name : BCCL-24-1030 001 (24-1340)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-24-1031 001 (24-1341)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-24-1033 001 (24-1342)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 1
Sample Name : BCCL-24-1038 001 (24-1343)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (24-1344)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-1038 001 (24-1345)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

Sample Name : BCCL-24-1033 001 (24-1346)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-1031 001 (24-1347)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-1030 001 (24-1348)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-1024 001 (24-1349)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-24-1013 007 (24-1350)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-1012 001 (24-1351)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240530_MH.S

Sample Name : BCCL-24-1011 001 (24-1352)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-22-1350 001 (24-1353)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-22-1349 001 (24-1354)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-1355)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information : Alq 2
Sample Name : BCCL-22-1334 001 (24-1356)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-22-1283 001 (24-1357)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information : Alq 2

mh

Sample Name : BCCL-22-1256 001 (24-1358)
Method Name : BAC
Sample Type : Sample

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-22-1245 001 (24-1359)
Method Name : BAC
Sample Type : Sample

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-22-1124 001 (24-1360)
Method Name : BAC
Sample Type : Sample

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-22-1098 001 (24-1361)
Method Name : BAC
Sample Type : Sample

Line : 62
Location : 62
Sample Information : Alq 2
Sample Name : BCCL-22-1070 001 (24-1362)
Method Name : BAC
Sample Type : Sample

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-22-1018 001 (24-1363)
Method Name : BAC
Sample Type : Sample

Line : 64
Location : 64
Sample Information : Alq 2

Sample Name : BCCL-22-0988 001 (24-1364)
Method Name : BAC
Sample Type : Sample

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-22-0933 001 (24-1365)
Method Name : BAC
Sample Type : Sample

Line : 66
Location : 66
Sample Information :
Sample Name : Blood QC B (24-1366)
Method Name : BAC
Sample Type : Sample

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-22-0900 001 (24-1367)
Method Name : BAC
Sample Type : Sample

Line : 68
Location : 68
Sample Information : Alq 2
Sample Name : BCCL-22-0877 001 (24-1368)
Method Name : BAC
Sample Type : Sample

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-22-0837 001 (24-1369)
Method Name : BAC
Sample Type : Sample

Line : 70
Location : 70
Sample Information : Alq 2

mh

Sample Name : BCCL-22-0830 001 (24-1370)
Method Name : BAC
Sample Type : Sample

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Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-22-0829 001 (24-1371)
Method Name : BAC
Sample Type : Sample

==========

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-22-0804 001 (24-1372)
Method Name : BAC
Sample Type : Sample

==========

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-22-0801 001 (24-1373)
Method Name : BAC
Sample Type : Sample

==========

Line : 74
Location : 74
Sample Information : Alq 2
Sample Name : BCCL-22-0777 001 (24-1374)
Method Name : BAC
Sample Type : Sample

==========

Line : 75
Location : 75
Sample Information : Alq 2
Sample Name : BCCL-22-0755 001 (24-1375)
Method Name : BAC
Sample Type : Sample

==========

Line : 76
Location : 76
Sample Information : Alq 2

mh

Sample Name : BCCL-22-0582 001 (24-1376)
Method Name : BAC
Sample Type : Sample

==========

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (24-1377)
Method Name : BAC
Sample Type : Sample

==========

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (24-1378)
Method Name : BAC
Sample Type : Sample

==========

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (24-1379)
Method Name : BAC
Sample Type : Sample

==========

Line : 80
Location : 80
Sample Information :
Sample Name : DI Water (24-1380)
Method Name : BAC
Sample Type : Sample

==========

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Method Information

Method: C:\Chem32\1\Methods\BAC.M
Modified: 2/14/2024 at 8:32:23 AM

Run Time Checklist

Pre-Run Cmd/Macro:	off
Data Acquisition:	on
Standard Data Analysis:	on
Customized Data Analysis:	off
Save GLP Data:	off
Post-Run Cmd/Macro:	off
Save Method with Data:	on

Injection Source and Location

Injection Source:	HS 10.11.30.56
Injection Location:	GC Front

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

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Agilent 7697A

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Agilent 7697A
Instrument Info

Address:	10.11.30.56
Serial Number:	CN18320011
Firmware Revision:	A.01.08

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	ON
Transfer Line Type:	Fused Silica
Transfer Line Diameter (mm):	0.53

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

Oven Temperature (°C):	70
Loop Temperature (°C):	70
Transfer Line Temperature (°C):	90

Timing Settings:

Vial Equilibration (min):	7.00
Injection Duration (min):	0.50
GC Cycle Time (min):	4.50

Vial and Loop Settings:

Vial Size:	20
Vial Shaking:	OFF
Fill Mode:	Default
Fill Pressure (psi):	10
Loop Fill Mode:	Custom
Loop Ramp Rate (psi/min):	30
Loop Final Pressure (psi):	1
Loop Equilibration Time:	0.05

Carrier Settings:

Carrier Control Mode:	GC controls Carrier

Advanced Settings:

Extraction Mode:	Single Extraction
Vent After Extraction:	ON
Post Injection Purge:	200 mL/min for 3 min
Acceptable Leak Check:	Default, 0.2mL/min
Barcode Symbology:	Enable All
Barcode Checksum:	OFF

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

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Agilent 7890A

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GC	
GC Summary	
Run Time	4 min
Post Run Time	0 min
Oven	
Equilibration Time	3 min
Max Temperature	260 °C
Maximum Temperature Override	Disabled
Slow Fan	Disabled
Temperature	
Setpoint	On
(Initial)	40 °C
Hold Time	4 min
Post Run	50 °C
Front SS Inlet He	
Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 79.947 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min
Column	
Column Outlet Pressure	0 psi
Column #1	
Column Information	Agilent 123-9134
DB-ALC1	
Temperature Range	-60 °C—260 °C (260 °C)
Dimensions	30 m x 320 µm x 1.8 µm
In	Front SS Inlet He
Out	Front Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	6.9952 mL/min
Average Velocity	80.325 cm/sec
Holdup Time	0.62247 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi
Column #2	
Column Information	Agilent 123-9234
DB-ALC2	
Temperature Range	-60 °C—260 °C (260 °C)

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Dimensions	30 m x 320 µm x 1.2 µm
In	Front SS Inlet He
Out	Back Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	7.1019 mL/min
Average Velocity	80.935 cm/sec
Holdup Time	0.61778 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi

Front Detector FID	
Makeup	N2
Heater	On 250 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Does not affect Makeup or Fuel Flow
Flame	On

Back Detector FID	
Makeup	N2
Column Compensation	Signal is modified by Column Compensation Curve #2
Heater	On 250 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Does not affect Makeup or Fuel Flow
Flame	On

Aux EPC 1,2,3	
Aux EPC 1 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

Aux EPC 2 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

Aux EPC 3 He	
	Excluded from Affecting GC's Readiness State
Pressure	
Setpoint	Off
(Initial)	10 psi
Post Run	0 psi

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Signals
Signal #1: Front Signal

Description	Front Signal
Details	Front Signal (FID)
Save	On
Data Rate	20 Hz

Signal #2: Back Signal

Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz

Signal #3: Test Plot

Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz

Signal #4: Test Plot

Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

Event	Value
Tangent Skim Mode	Standard
Tail Peak Skim Height Ratio	0.000
Front Peak Skim Height Ratio	0.000
Skim Valley Ratio	20.000
Baseline Correction	Classical
Peak to Valley Ratio	500.000

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Default Integration Event Table "Event"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_ADC"

Event	Value	Time
Initial Slope Sensitivity	20.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_TCD"

Event	Value	Time
Initial Slope Sensitivity	100.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	250000.000	0.000

Detector Default Integration Event Table "Event_ECD"

Event	Value	Time
Initial Slope Sensitivity	100.000	Initial
Initial Peak Width	0.080	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Detector Default Integration Event Table "Event_NPD"

Event	Value	Time
Initial Slope Sensitivity	500.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

Detector Default Integration Event Table "Event_FPD"

Event	Value	Time
Initial Slope Sensitivity	50.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

Detector Default Integration Event Table "Event_uECD"

Event	Value	Time
Initial Slope Sensitivity	500.000	Initial
Initial Peak Width	0.080	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial
Solvent Peak Slope	0.000	0.000

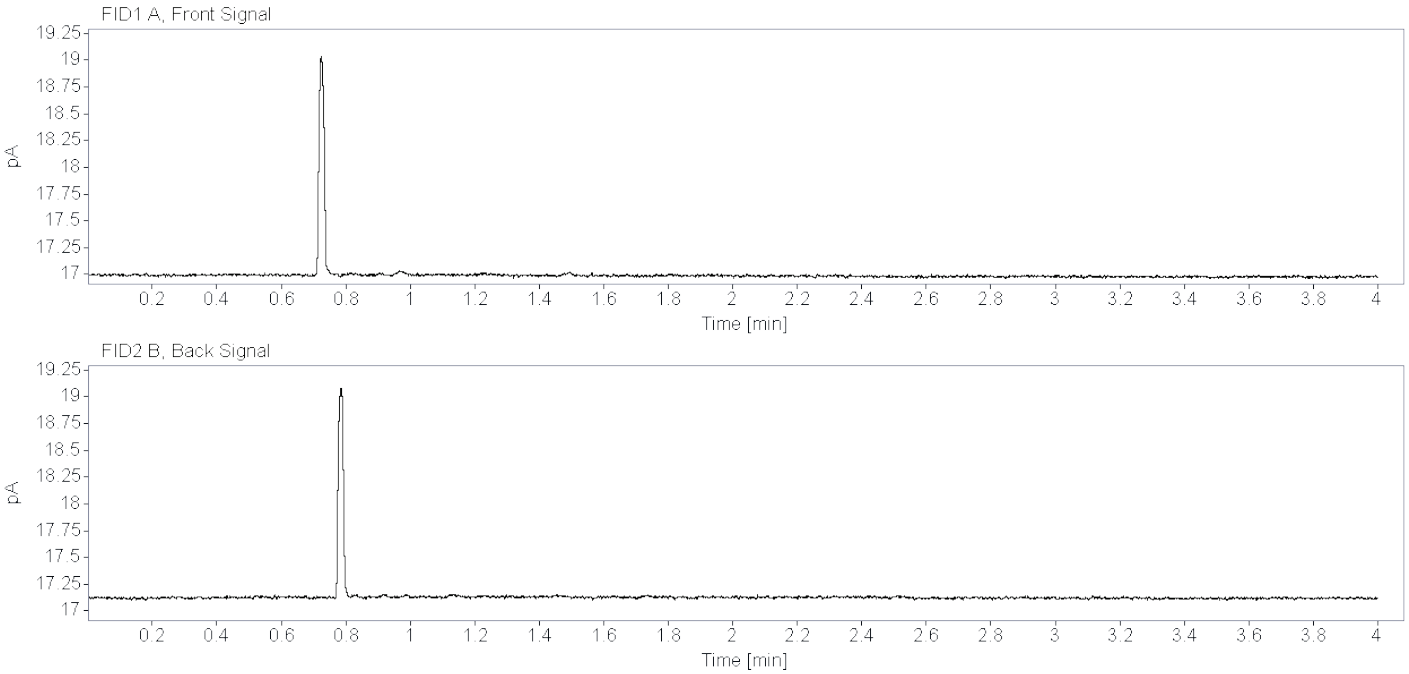
Detector Default Integration Event Table "Event_FID"

Event	Value	Time
Initial Slope Sensitivity	50.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	2.000	Initial
Initial Height Reject	2.000	Initial
Initial Shoulders	OFF	Initial

Apply Method's Manual Integration Events: No

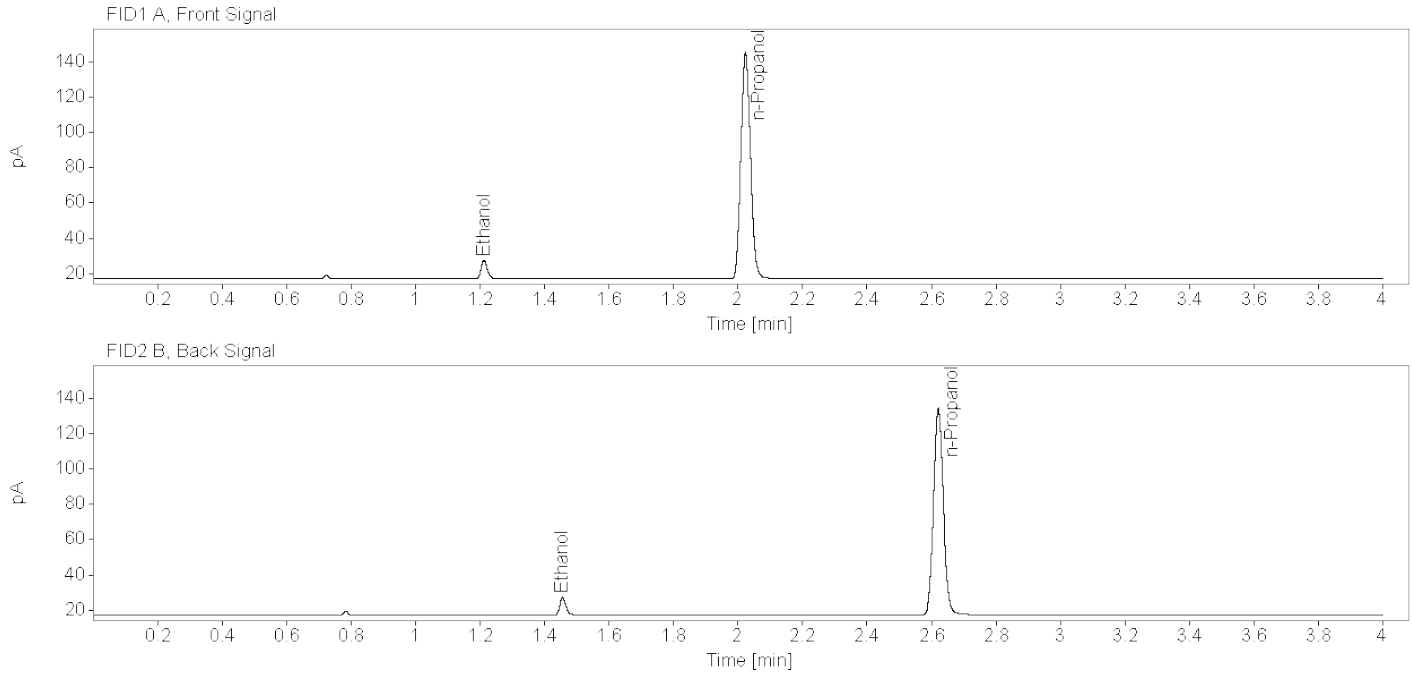
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 9:03:55 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240530PC_MH 2024-05-30 08-53-56\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 9:08:38 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240530PC_MH 2024-05-30 08-53-56\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78438	1.212	1.210	14.3168	0.0110
n-Propanol	0.87839	2.023	2.024	263.4706	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76183	1.456	1.454	13.4649	0.0109
n-Propanol	0.91515	2.621	2.621	247.5727	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 5/31/2024 8:55:07 AM
Signals calculated separately : No

Rel. Reference Window : 2.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 2.000 %
Abs. Non-ref. Window : 0.000 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Linear (Resp)

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)

Sample ISTD Information:

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

Signal Details

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

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.209	1	1	1.00000e-2	14.23407	7.02540e-4	No	No	1	Ethanol
		2	2.50000e-2	34.98863	7.14518e-4				
		3	5.00000e-2	69.04198	7.24197e-4				
		4	1.00000e-1	144.93666	6.89957e-4				
		5	2.00000e-1	295.10162	6.77733e-4				
		6	4.00000e-1	596.71375	6.70338e-4				
		7	5.00000e-1	735.03204	6.80242e-4				
1.453	2	1	1.00000e-2	13.33139	7.50109e-4	No	No	2	Ethanol
		2	2.50000e-2	32.89223	7.60058e-4				
		3	5.00000e-2	65.22086	7.66626e-4				
		4	1.00000e-1	136.86322	7.30656e-4				
		5	2.00000e-1	279.13324	7.16504e-4				
		6	4.00000e-1	565.08276	7.07861e-4				
		7	5.00000e-1	696.53040	7.17844e-4				
2.023	1	1	1.00000e-2	269.65042	3.70851e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	261.77692	3.82005e-5				
		3	1.00000e-2	254.63593	3.92718e-5				
		4	1.00000e-2	266.55853	3.75152e-5				
		5	1.00000e-2	269.23343	3.71425e-5				
		6	1.00000e-2	269.39862	3.71197e-5				
		7	1.00000e-2	263.74133	3.79159e-5				
2.621	2	1	1.00000e-2	253.37219	3.94676e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	245.50446	4.07325e-5				
		3	1.00000e-2	238.71458	4.18910e-5				
		4	1.00000e-2	250.07915	3.99873e-5				
		5	1.00000e-2	252.51131	3.96022e-5				
		6	1.00000e-2	252.70274	3.95722e-5				
		7	1.00000e-2	247.41180	4.04184e-5				

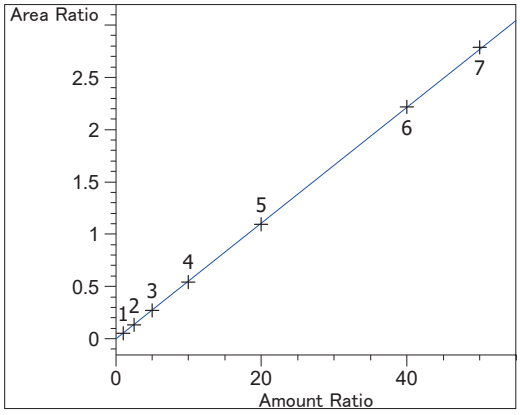
Peak Sum Table

No Entries in table

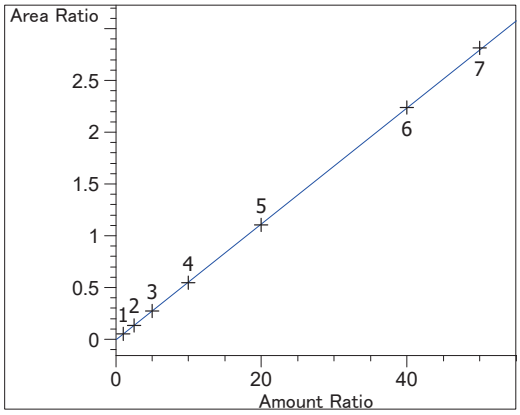
1 Warnings or Errors :

Warning : Curve requires more calibration points., (n-Propanol)

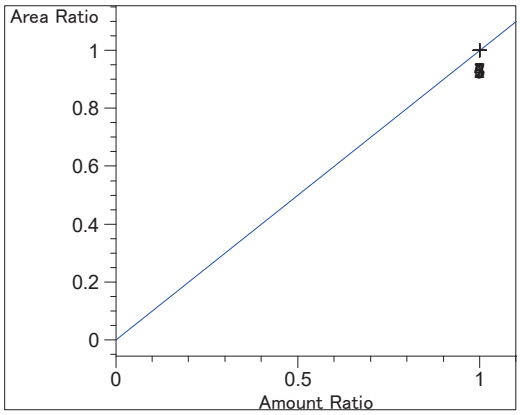
Calibration Curves



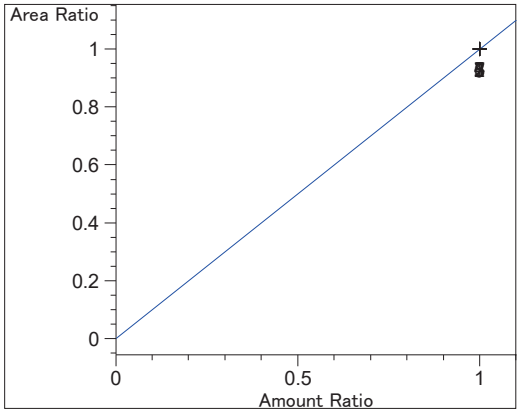
Ethanol at exp. RT: 1.209
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00942
Formula: y = mx + b
m: 5.54729e-2
b: -4.18284e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.394941
Level 3 : 0.194686
Level 4 : 0.097083
Level 5 : 0.04816
Level 6 : 0.023832
Level 7 : 0.018941



Ethanol at exp. RT: 1.453
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.01038
Formula: y = mx + b
m: 5.60218e-2
b: -5.03815e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.39272
Level 3 : 0.192579
Level 4 : 0.096141
Level 5 : 0.047598
Level 6 : 0.02353
Level 7 : 0.018689



n-Propanol at exp. RT: 2.023
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

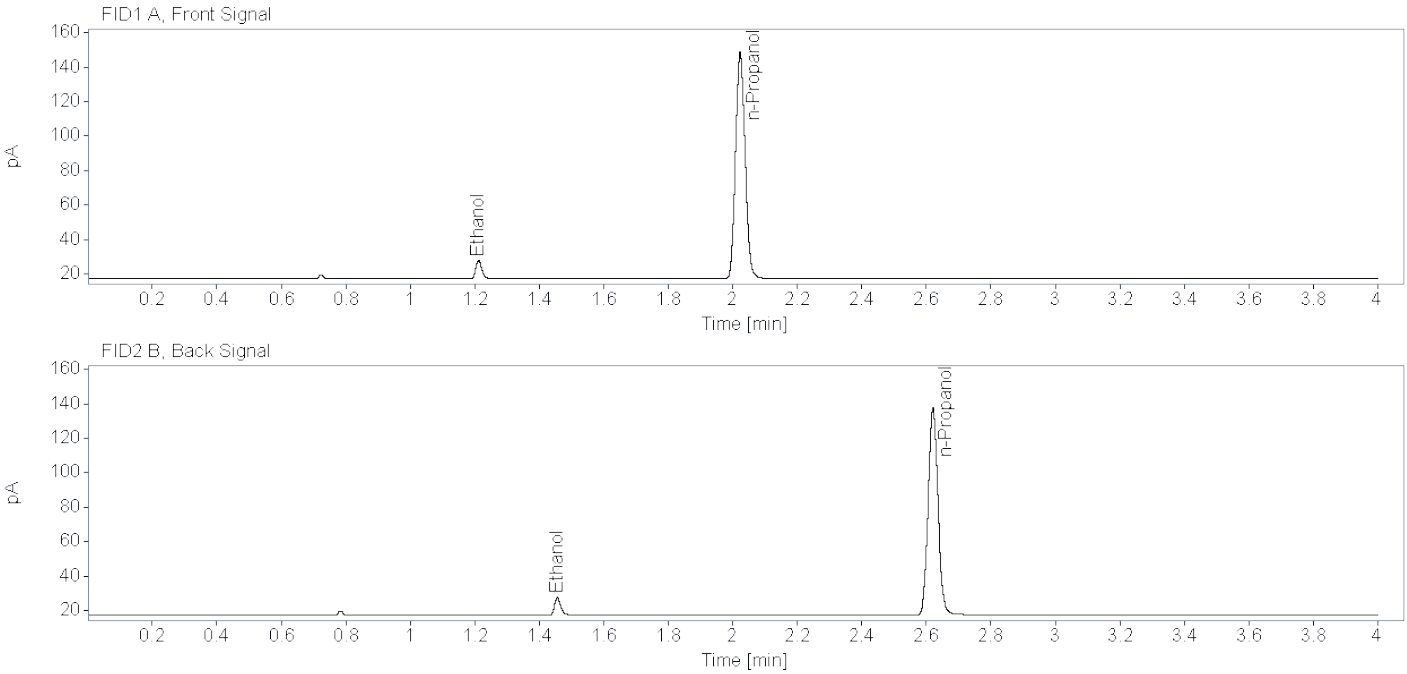


n-Propanol at exp. RT: 2.621
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-1301) **Description:** **Sample Barcode** 24-1301 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:03:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\001F0101.D



Name FID1A

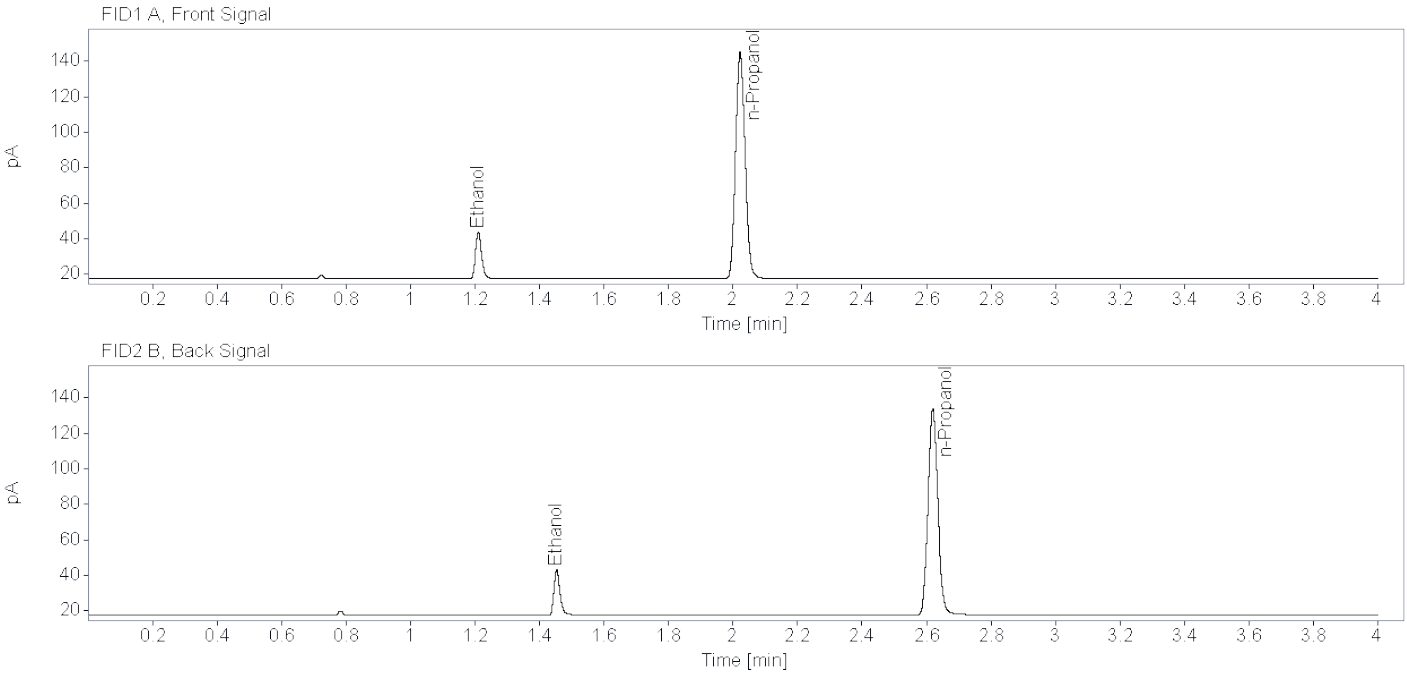
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80113	1.212	1.212	14.2341	0.0103
n-Propanol	0.86771	2.023	2.023	269.6504	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78298	1.456	1.456	13.3314	0.0103
n-Propanol	0.91747	2.621	2.621	253.3722	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-1302) **Description:** **Sample Barcode** 24-1302 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:07:44 PM
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Name FID1A

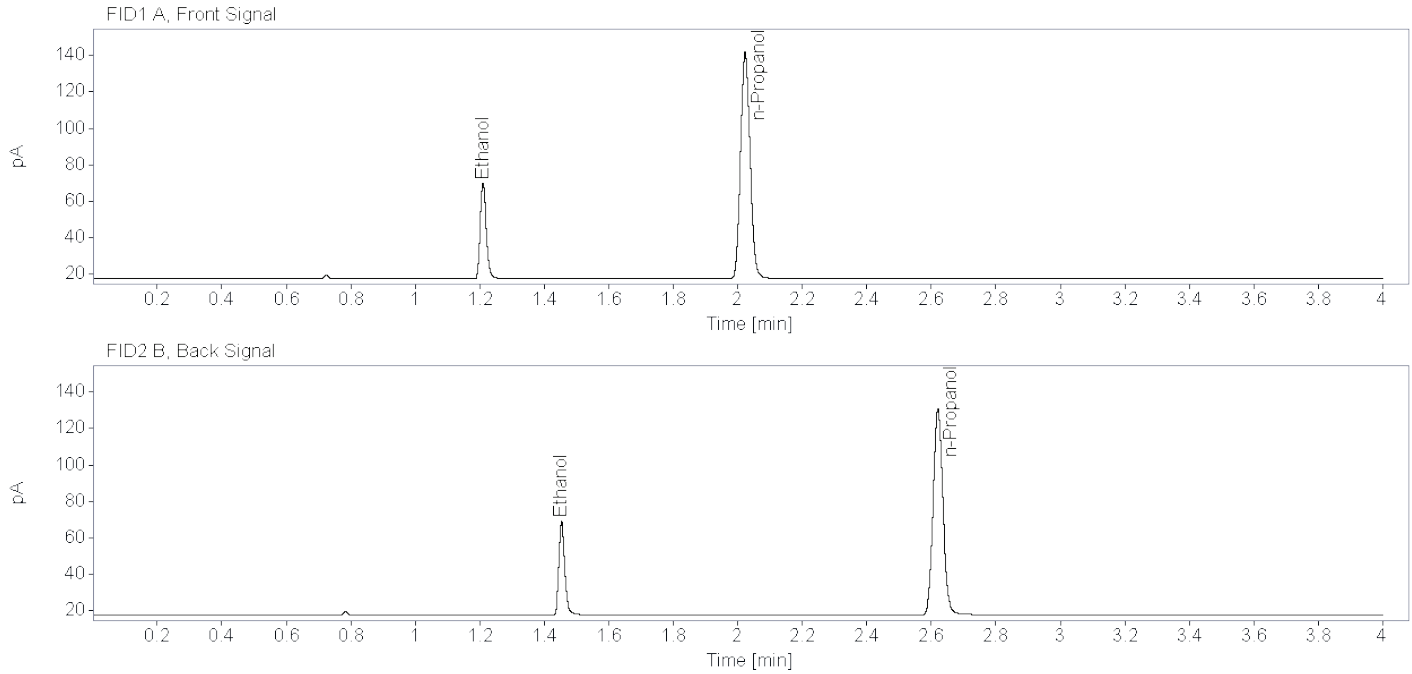
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80205	1.210	1.210	34.9886	0.0248
n-Propanol	0.86487	2.022	2.022	261.7769	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78072	1.453	1.453	32.8922	0.0248
n-Propanol	0.91075	2.620	2.620	245.5045	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-1303) **Description:** **Sample Barcode** 24-1303 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:13:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\003F0301.D



Name FID1A

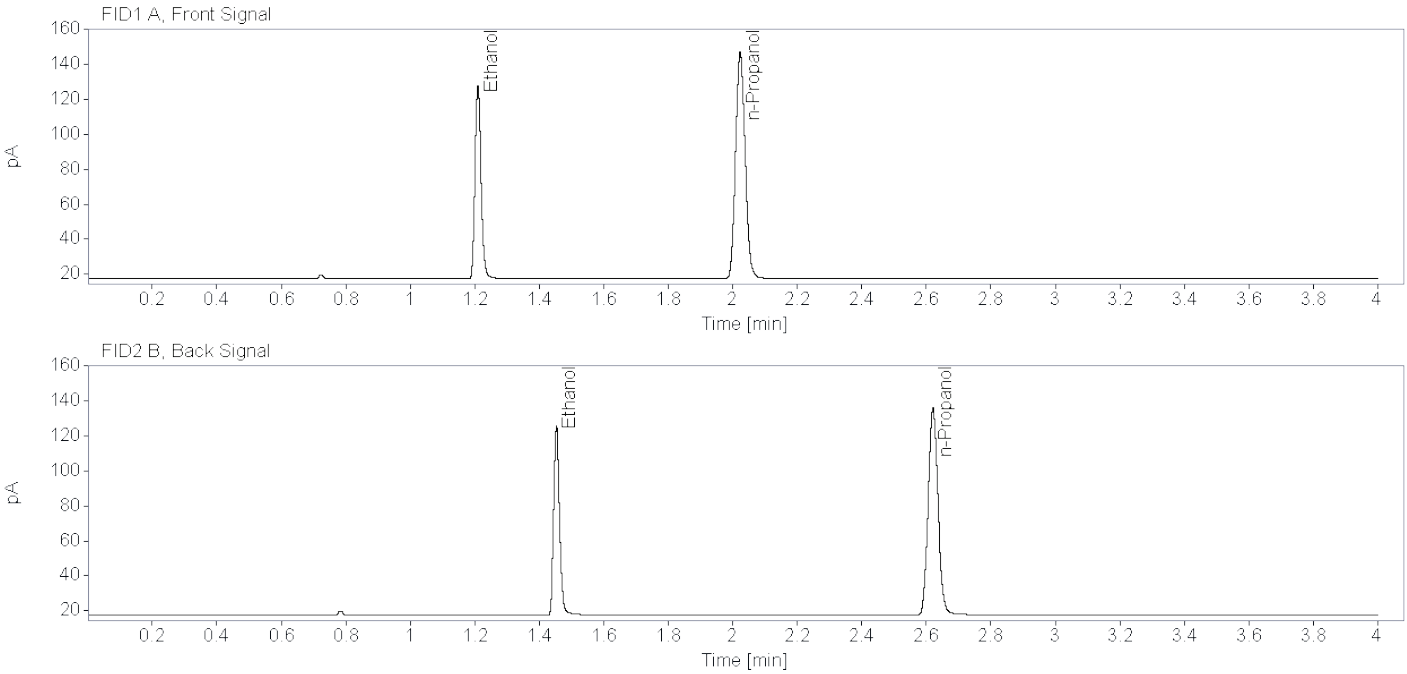
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80429	1.210	1.210	69.0420	0.0496
n-Propanol	0.86541	2.023	2.023	254.6359	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79000	1.454	1.454	65.2209	0.0497
n-Propanol	0.91150	2.621	2.621	238.7146	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-1304) **Description:** **Sample Barcode** 24-1304 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:18:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\004F0401.D



Name FID1A

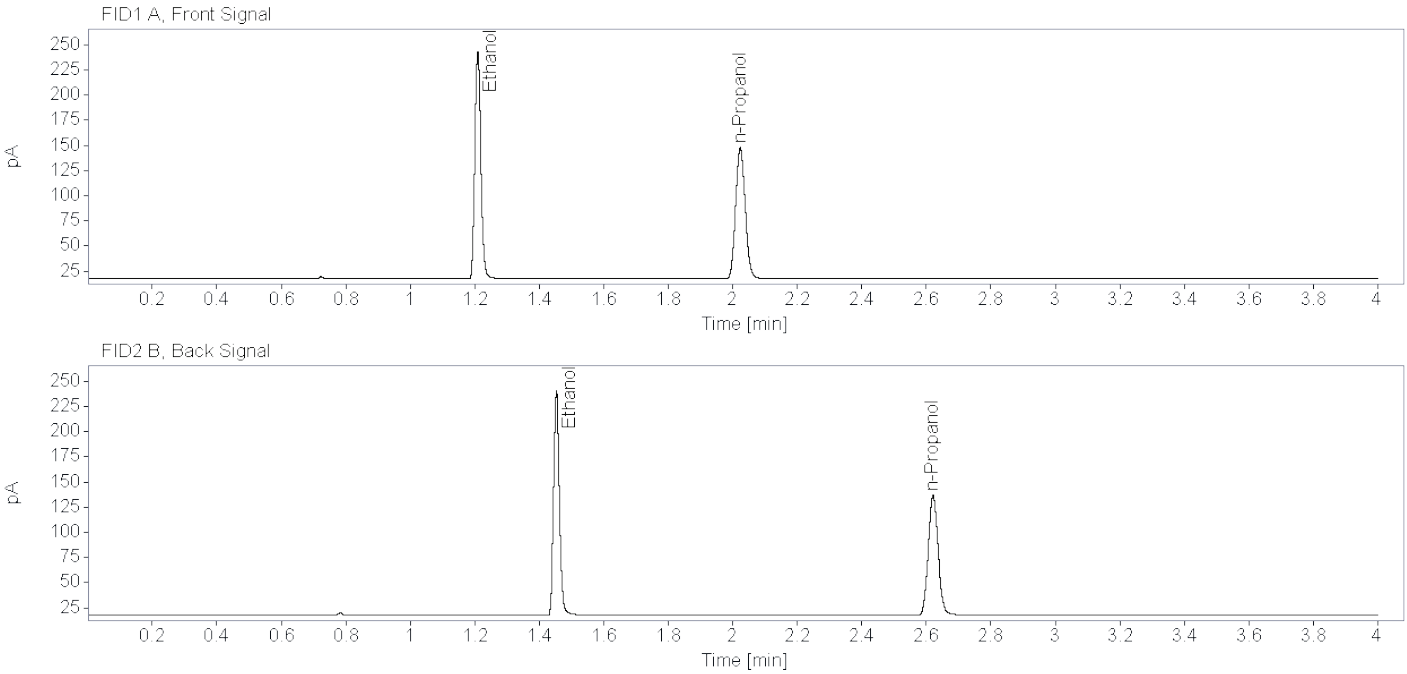
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82280	1.210	1.210	144.9367	0.0988
n-Propanol	0.86799	2.023	2.023	266.5585	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83078	1.453	1.453	136.8632	0.0986
n-Propanol	0.91224	2.621	2.621	250.0791	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-1305) **Description:** **Sample Barcode** 24-1305 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:23:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\005F0501.D



Name FID1A

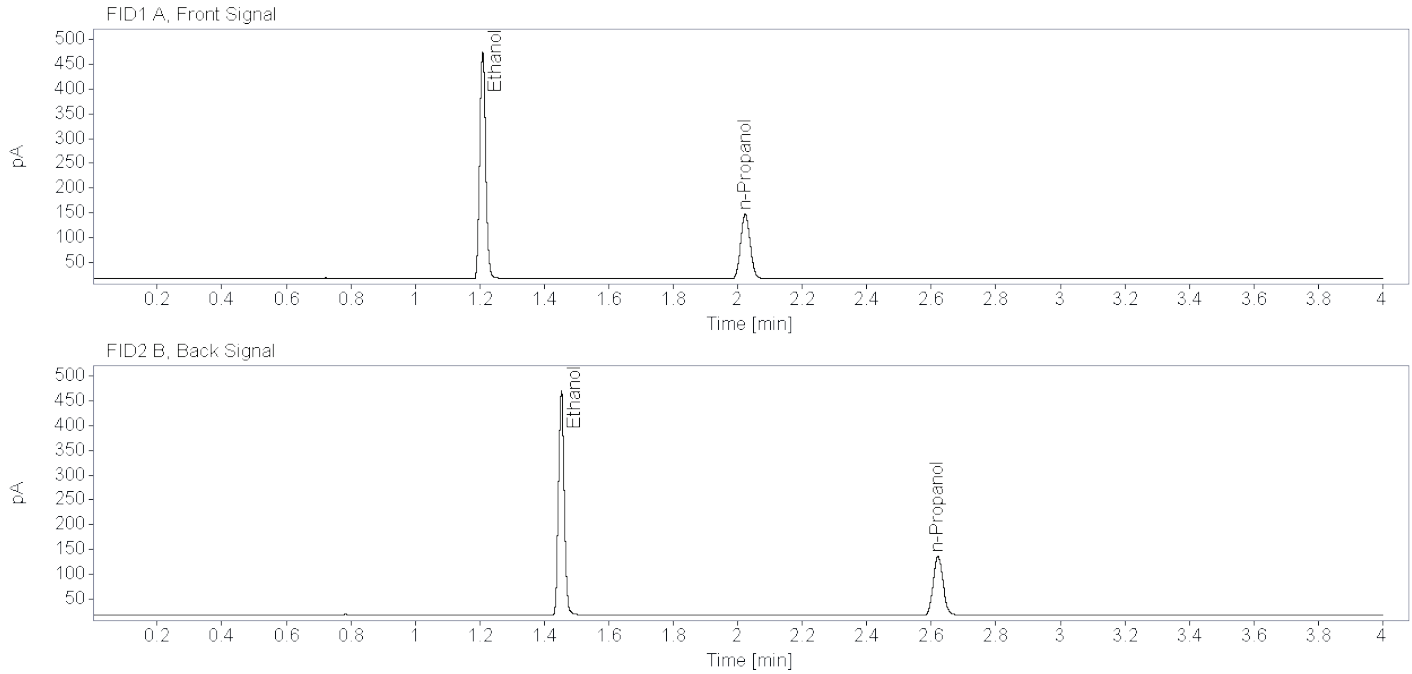
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86157	1.209	1.209	295.1016	0.1983
n-Propanol	0.87147	2.023	2.023	269.2334	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86710	1.453	1.453	279.1332	0.1982
n-Propanol	0.91429	2.621	2.621	252.5113	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-1306) **Description:** **Sample Barcode** 24-1306 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:28:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\006F0601.D



Name FID1A

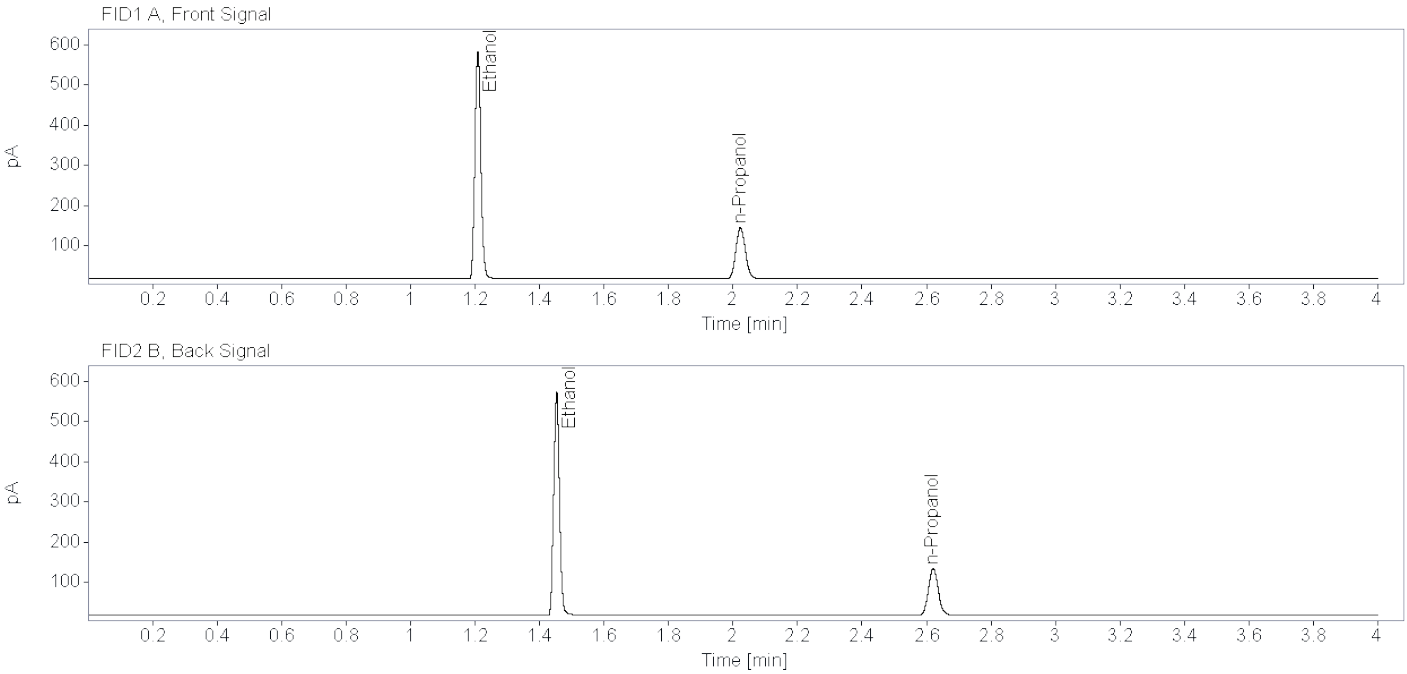
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88752	1.209	1.209	596.7137	0.4000
n-Propanol	0.87198	2.023	2.023	269.3986	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.92124	1.453	1.453	565.0828	0.4001
n-Propanol	0.91962	2.621	2.621	252.7027	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-1307) **Description:** **Sample Barcode** 24-1307 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:34:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\007F0701.D



Name FID1A

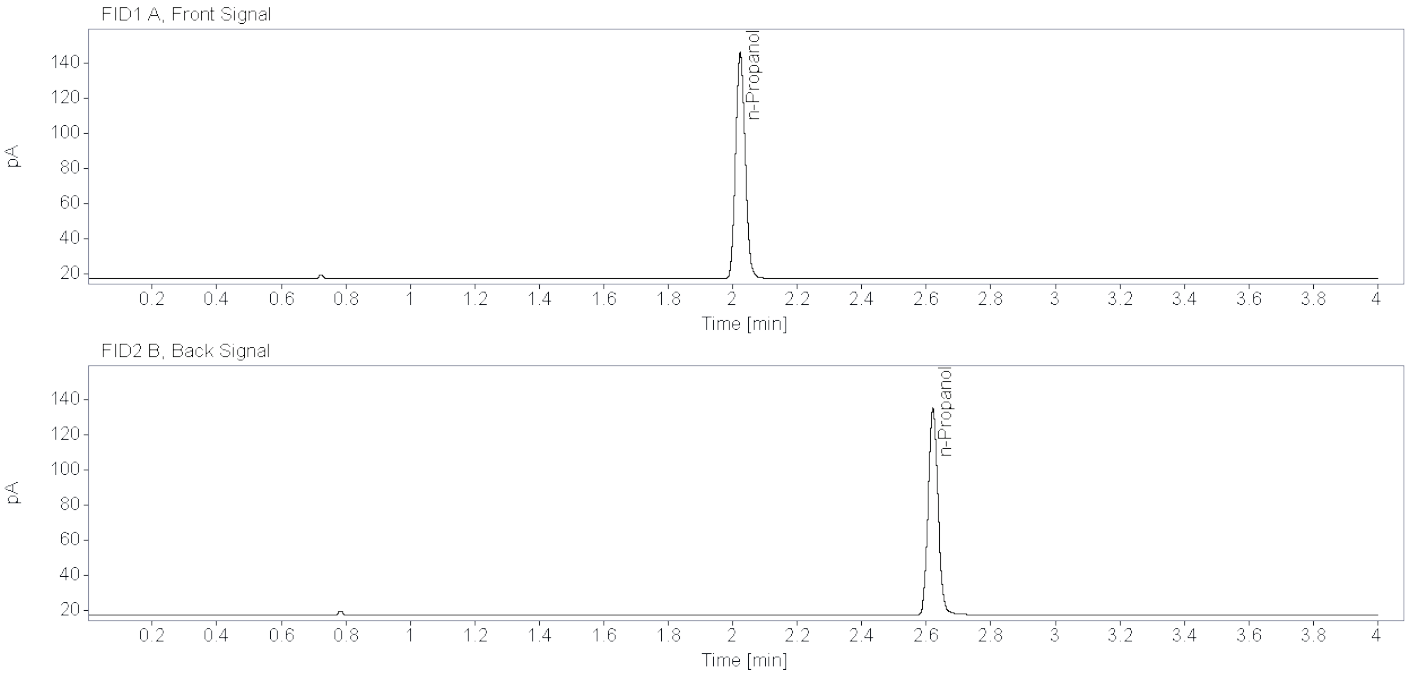
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88140	1.209	1.209	735.0320	0.5032
n-Propanol	0.87077	2.023	2.023	263.7413	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.93471	1.453	1.453	696.5304	0.5034
n-Propanol	0.91400	2.621	2.621	247.4118	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-1308) **Description:** **Sample Barcode** 24-1308 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:38:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\008F0801.D



Name FID1A

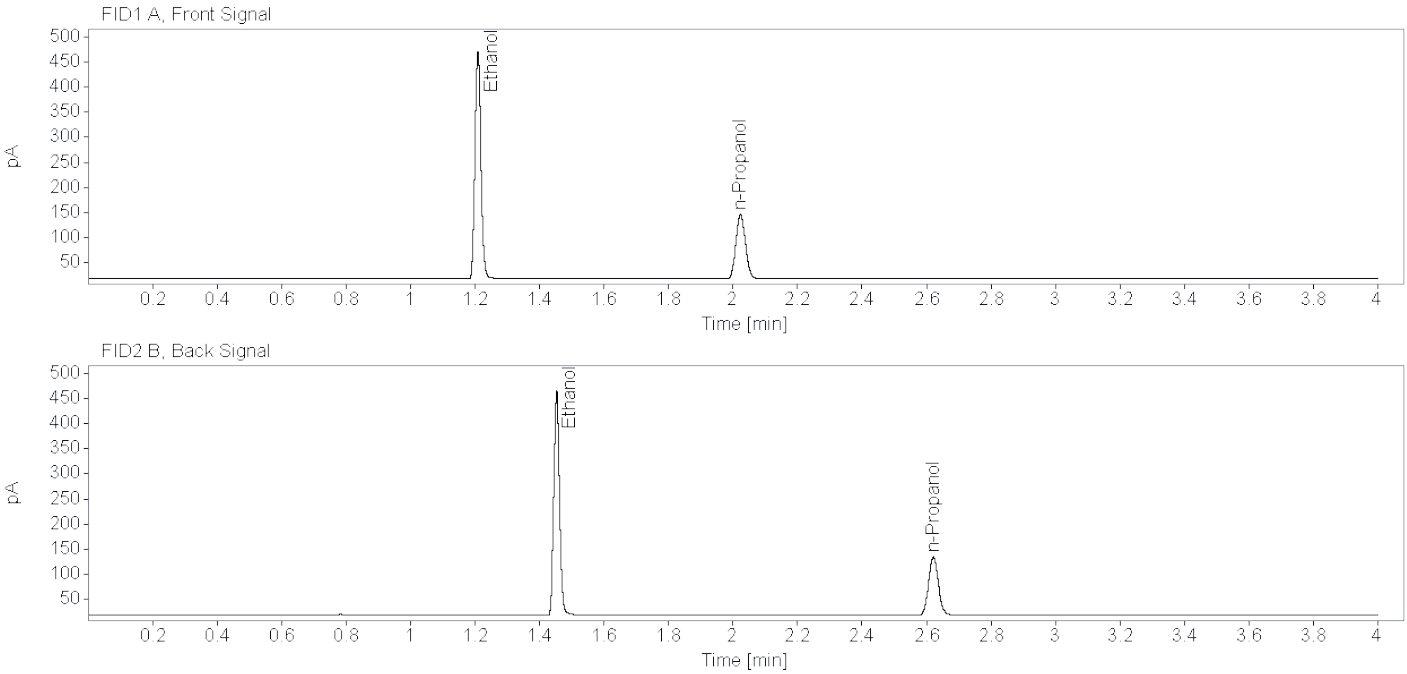
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87024	2.023	2.023	264.4561	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90481	2.621	2.621	247.7523	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1309) **Description:** **Sample Barcode** 24-1309 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:44:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\009F0901.D



Name FID1A

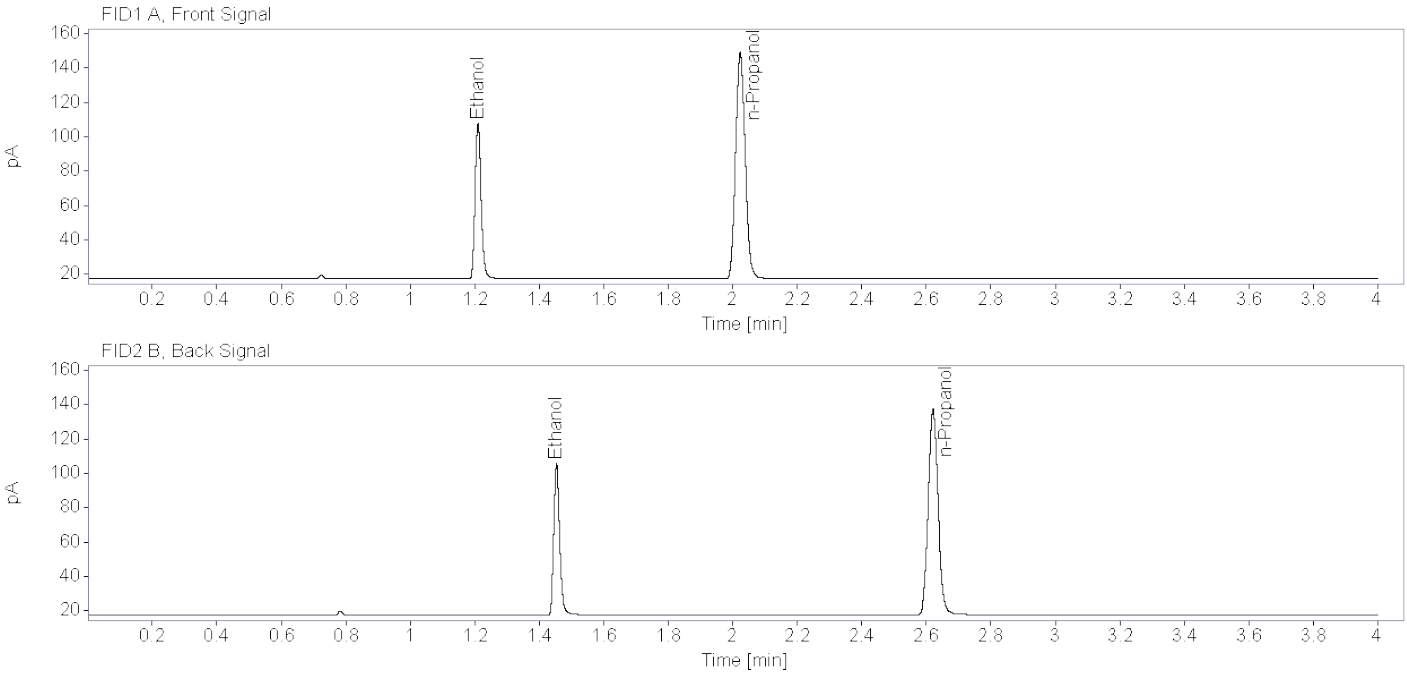
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87346	1.209	1.209	588.3371	0.4017
n-Propanol	0.86734	2.023	2.023	264.5034	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91157	1.453	1.453	557.5337	0.4023
n-Propanol	0.91075	2.621	2.621	247.9336	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1310) **Description:** **Sample Barcode** 24-1310 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:49:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\010F1001.D



Name FID1A

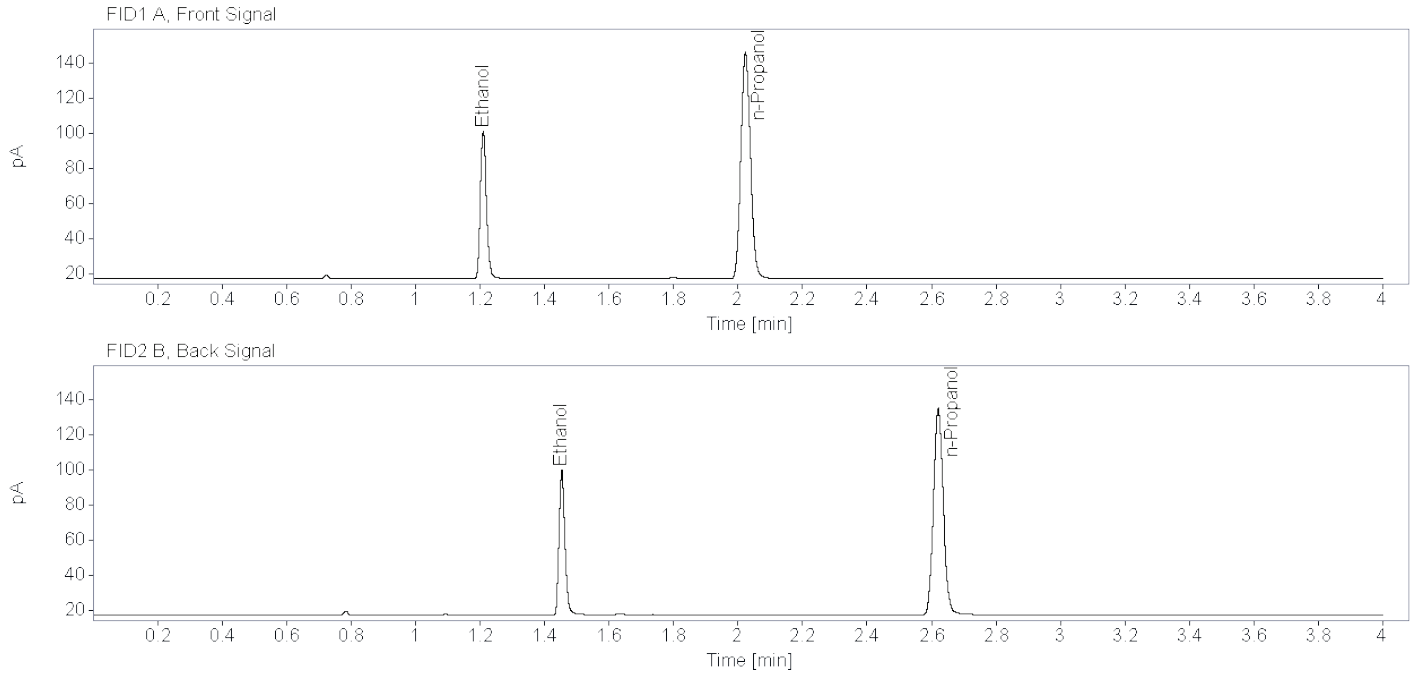
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81495	1.210	1.209	118.4254	0.0797
n-Propanol	0.87175	2.023	2.023	270.5656	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80418	1.454	1.453	111.6391	0.0795
n-Propanol	0.91381	2.621	2.621	253.4750	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1311) **Description:** **Sample Barcode** 24-1311 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:55:01 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\011F1101.D



Name FID1A

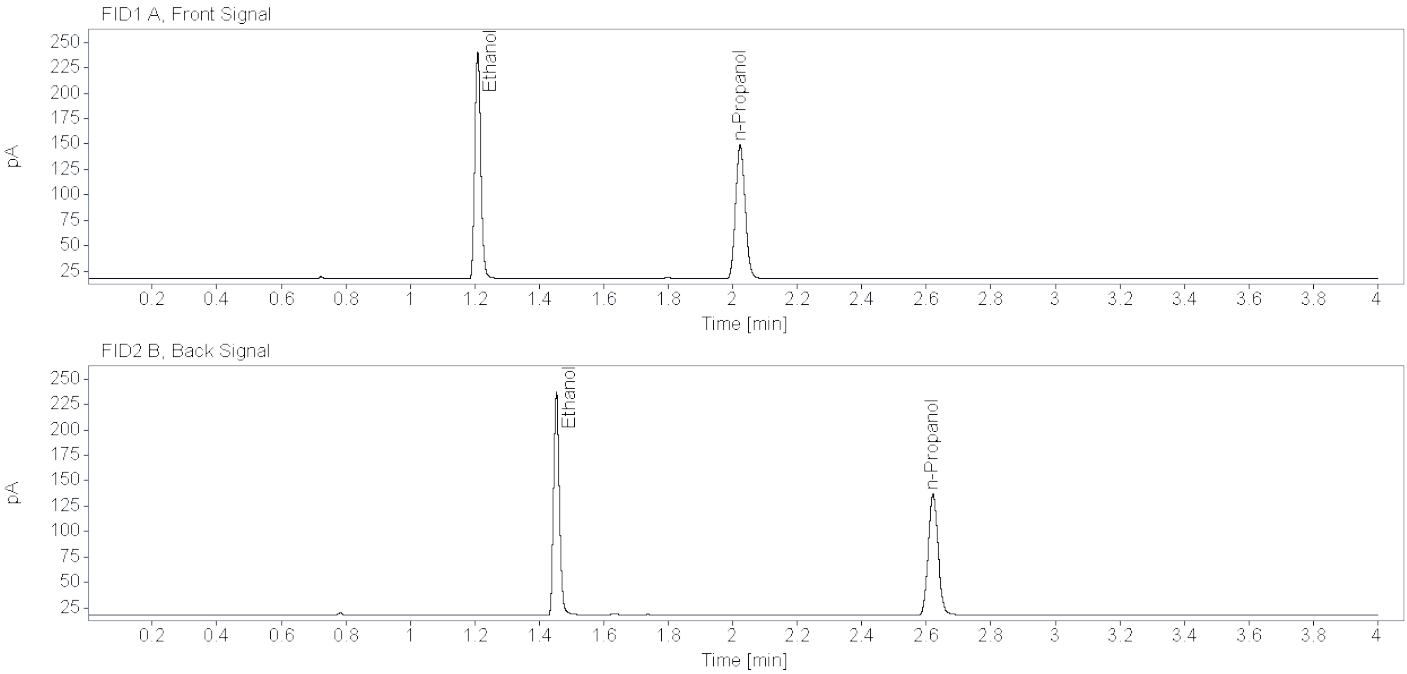
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82399	1.210	1.209	111.0182	0.0763
n-Propanol	0.87049	2.023	2.023	264.9571	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81136	1.454	1.453	104.9017	0.0763
n-Propanol	0.89898	2.621	2.621	248.3077	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1322) **Description:** **Sample Barcode** 24-1322 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:51:44 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\022F2201.D



Name FID1A

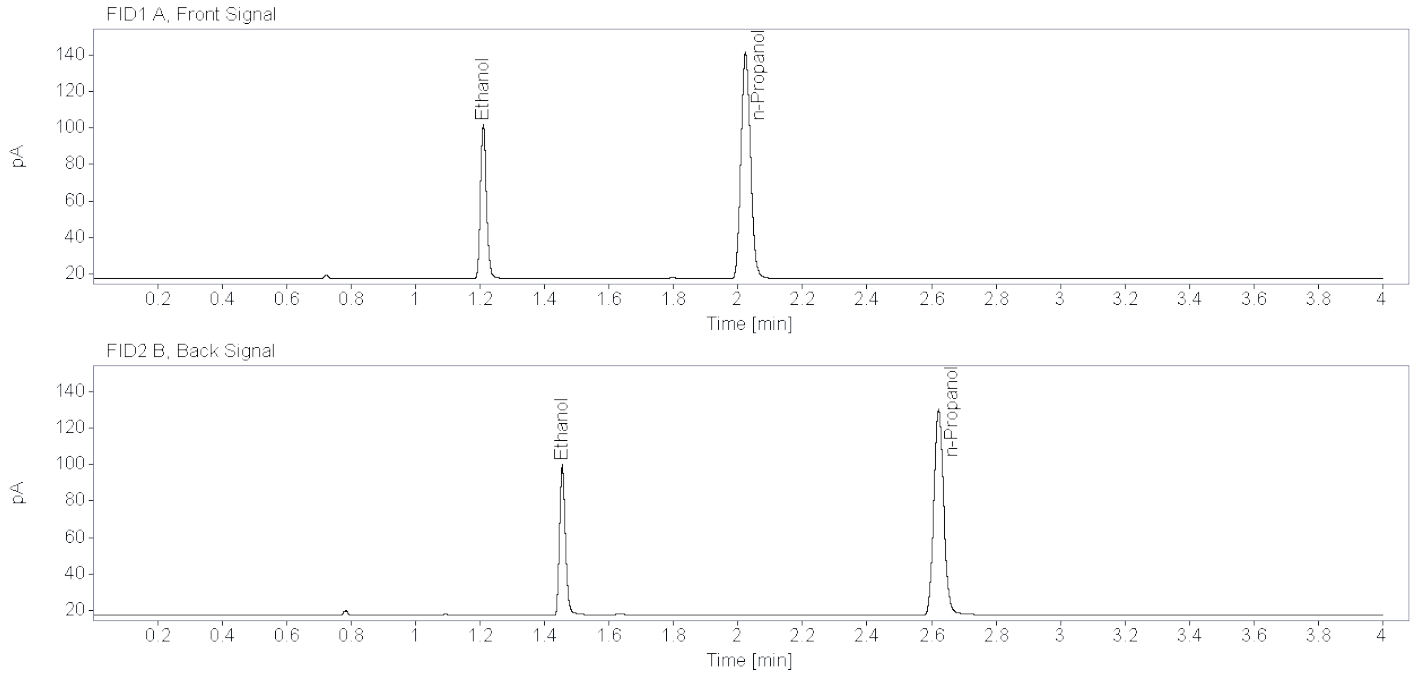
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85698	1.209	1.209	291.2036	0.1950
n-Propanol	0.86873	2.023	2.023	270.2397	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86233	1.453	1.453	275.1768	0.1952
n-Propanol	0.91342	2.621	2.621	252.8491	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1333) **Description:** **Sample Barcode** 24-1333 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:49:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\033F3301.D



Name FID1A

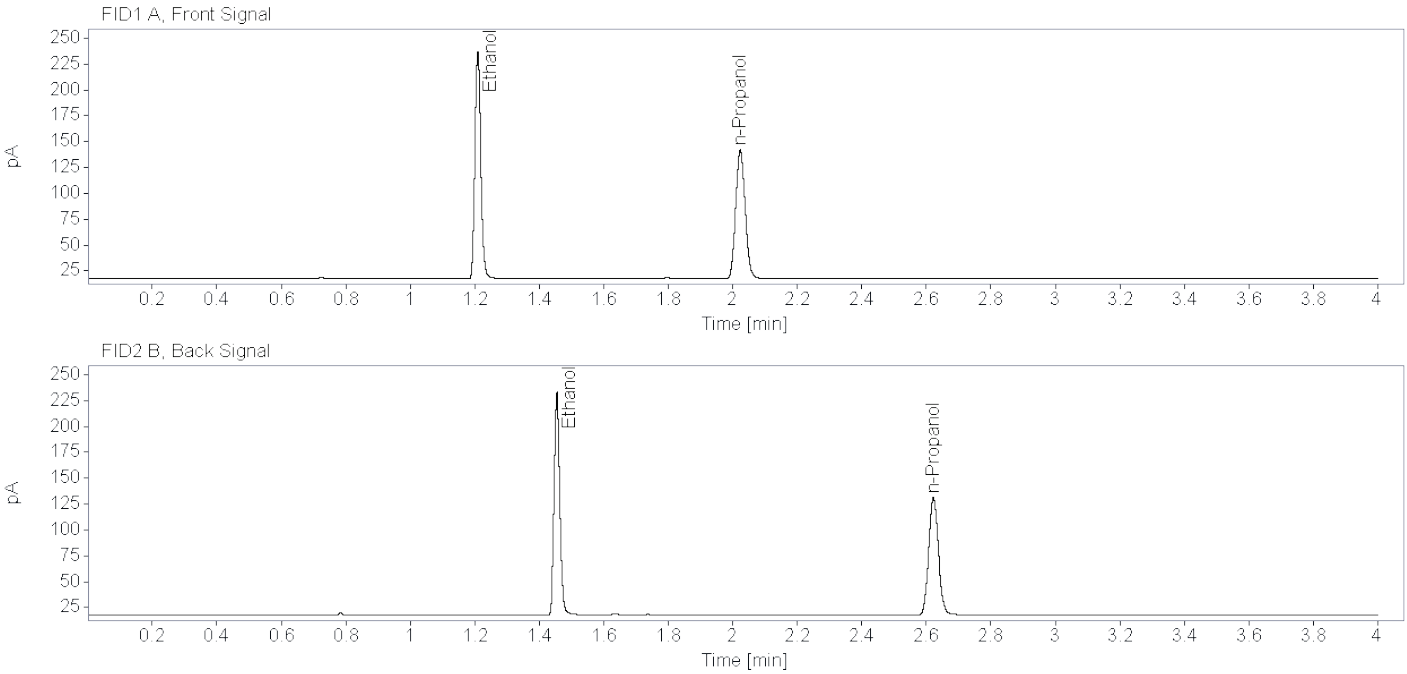
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83007	1.210	1.209	110.1614	0.0789
n-Propanol	0.87114	2.023	2.023	254.0229	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81555	1.455	1.453	103.3745	0.0785
n-Propanol	0.90263	2.622	2.621	237.7233	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1344) **Description:** **Sample Barcode** 24-1344 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:46:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\044F4401.D



Name FID1A

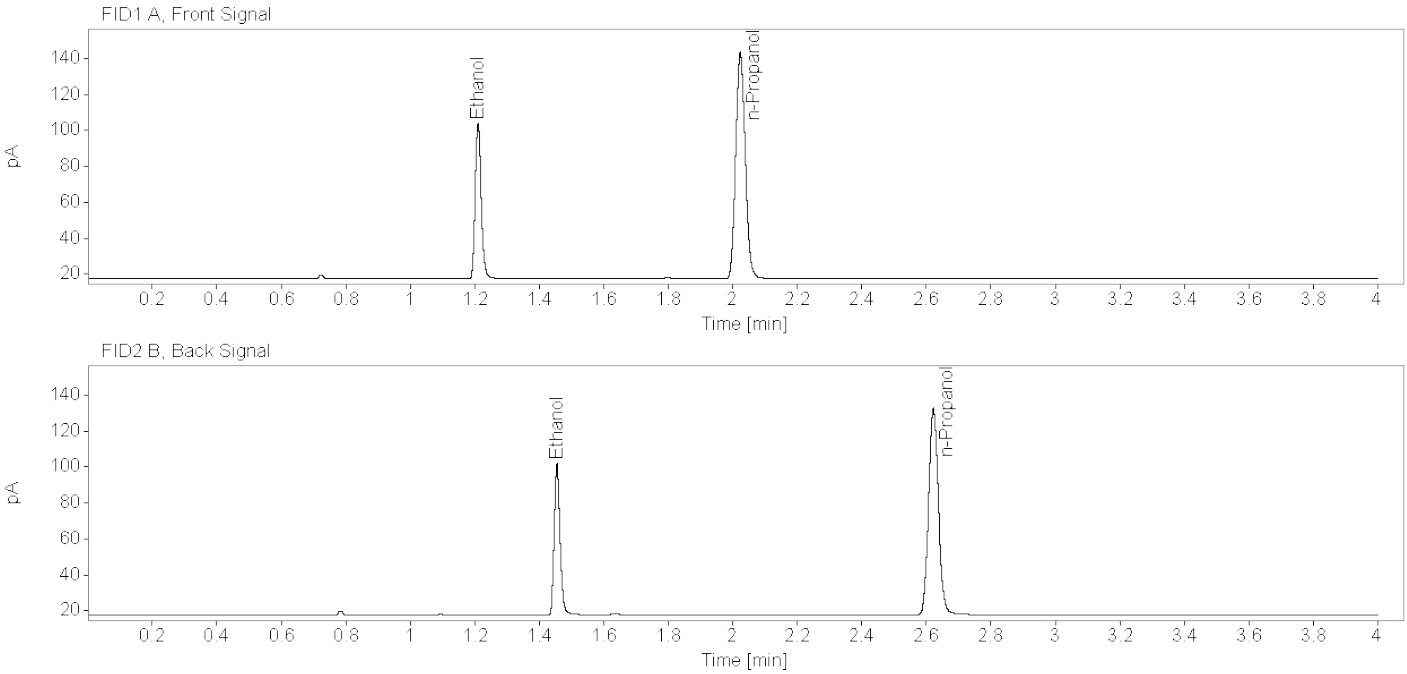
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85662	1.209	1.209	281.4954	0.1996
n-Propanol	0.86823	2.023	2.023	255.2179	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85207	1.455	1.453	265.9351	0.1995
n-Propanol	0.89780	2.622	2.621	238.9689	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1355) **Description:** **Sample Barcode** 24-1355 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:44:32 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\055F5501.D



Name FID1A

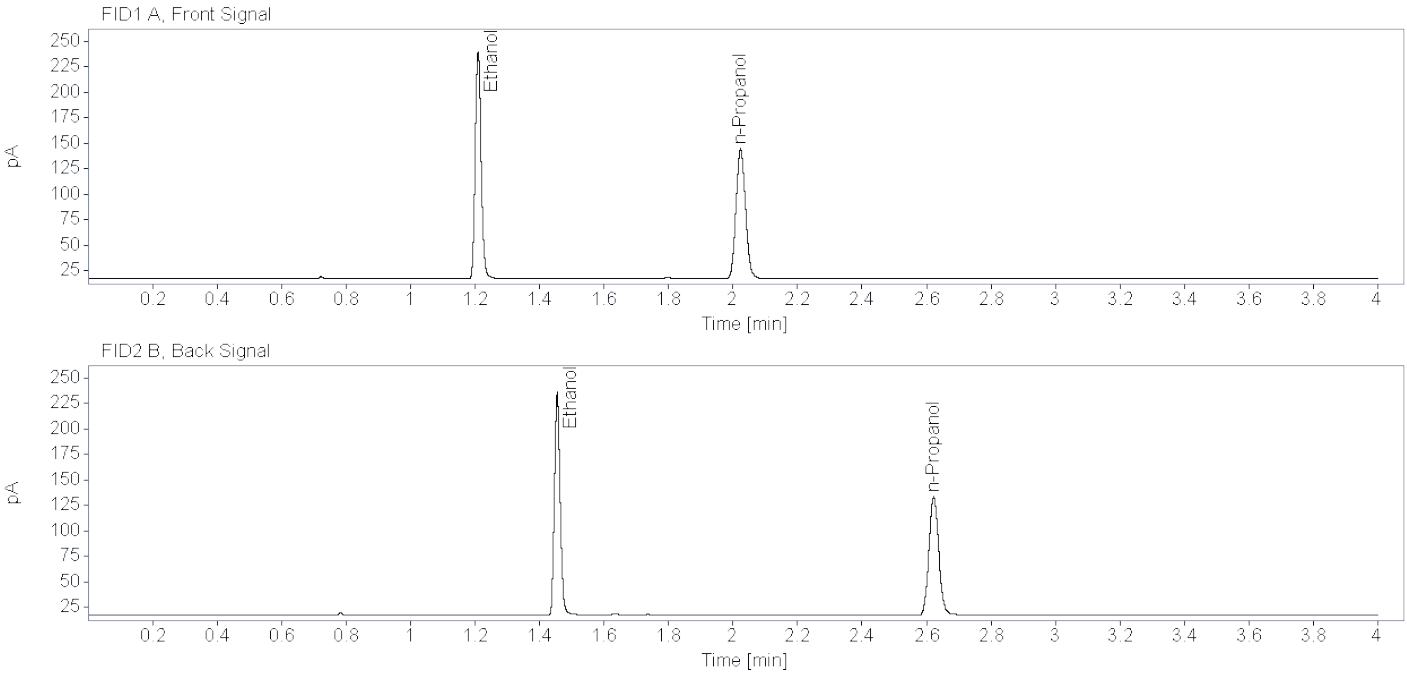
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82099	1.210	1.209	112.4681	0.0795
n-Propanol	0.86611	2.023	2.023	257.6130	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81170	1.455	1.453	105.9908	0.0791
n-Propanol	0.90830	2.622	2.621	241.8572	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1366) **Description:** **Sample Barcode** 24-1366 **Vial Number:** 66
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:41:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\066F6601.D



Name FID1A

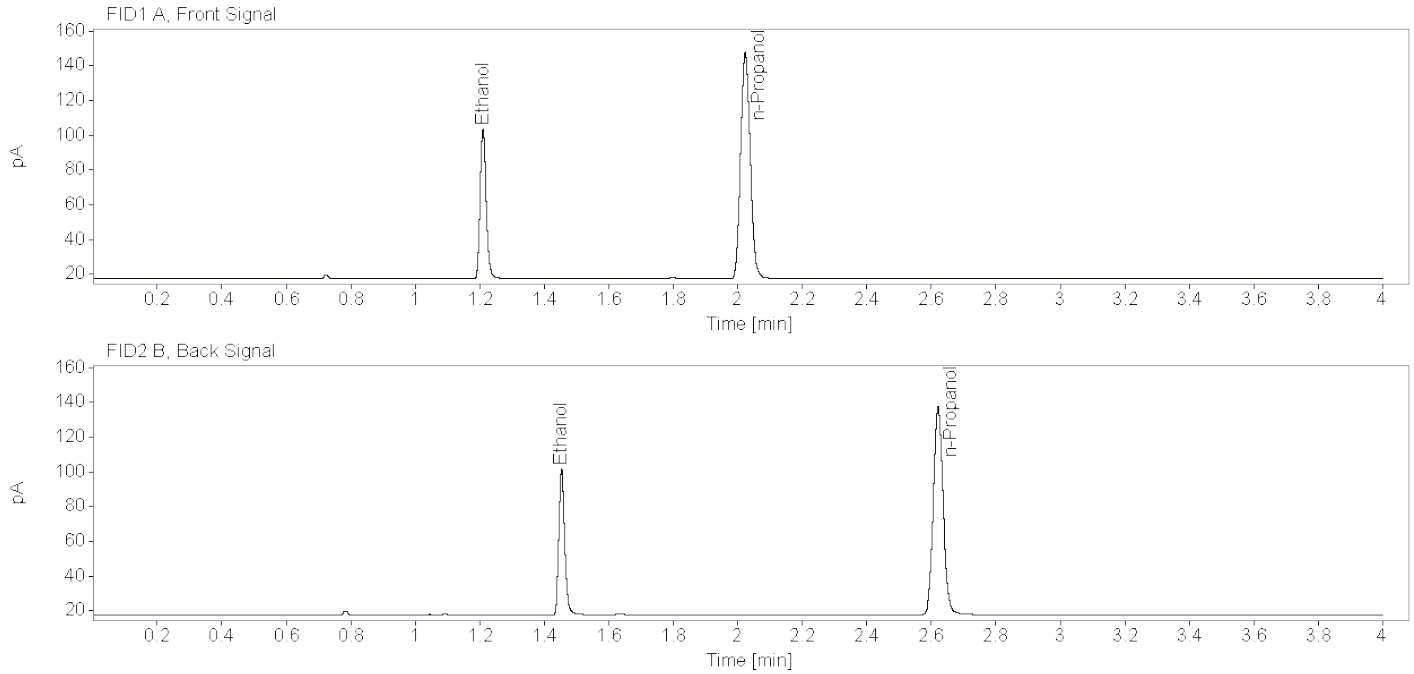
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84980	1.210	1.209	286.6966	0.1997
n-Propanol	0.87433	2.023	2.023	259.8361	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85845	1.455	1.453	270.5027	0.1987
n-Propanol	0.90622	2.622	2.621	244.1278	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1377) **Description:** **Sample Barcode** 24-1377 **Vial Number:** 77
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:38:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\077F7701.D



Name FID1A

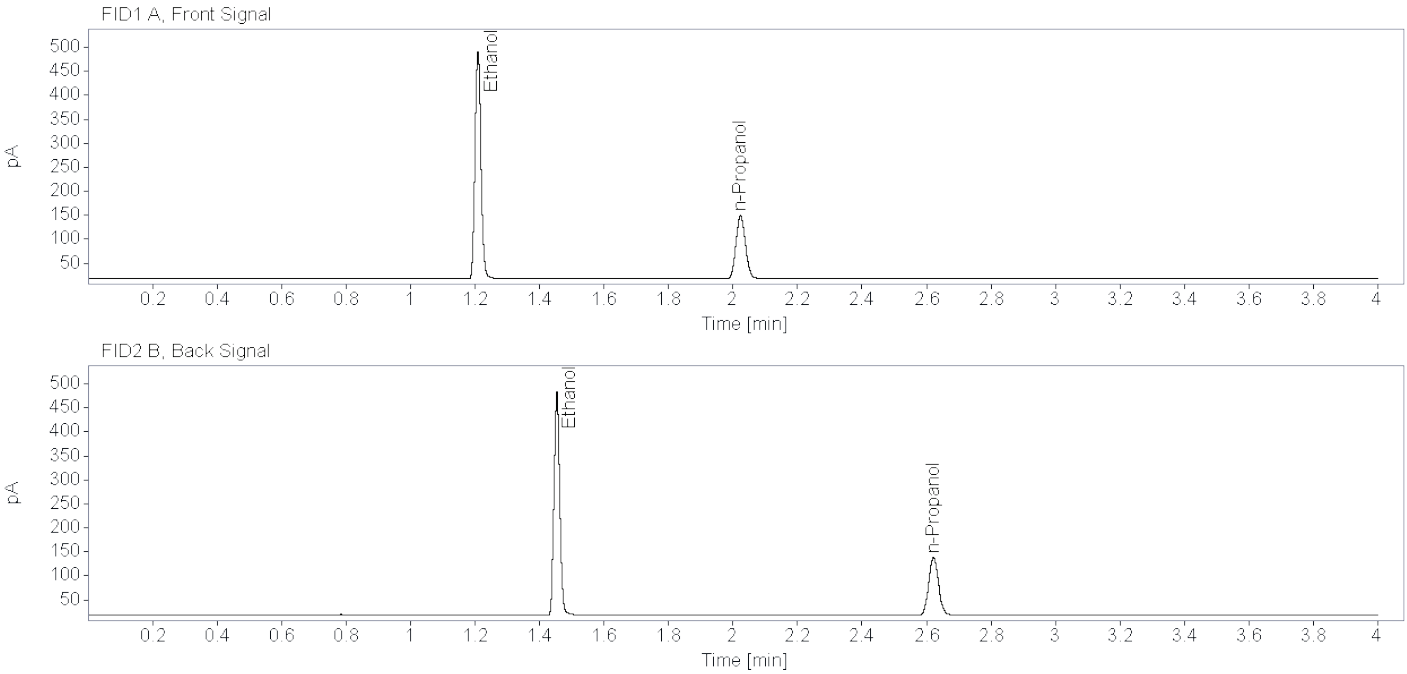
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81279	1.210	1.209	113.2276	0.0769
n-Propanol	0.86997	2.023	2.023	268.0589	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80488	1.454	1.453	106.8716	0.0764
n-Propanol	0.91713	2.621	2.621	252.6047	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1378) **Description:** **Sample Barcode** 24-1378 **Vial Number:** 78
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:43:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\078F7801.D



Name FID1A

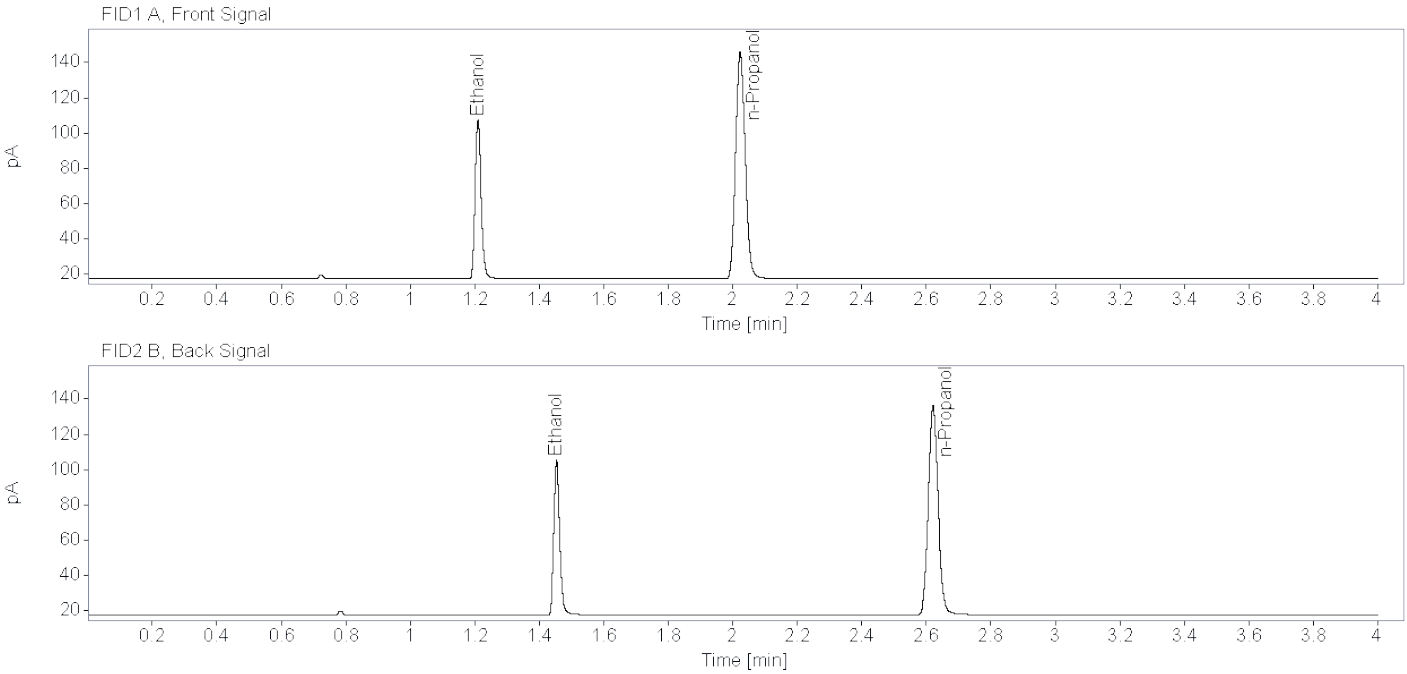
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87523	1.209	1.209	613.9747	0.4084
n-Propanol	0.87202	2.023	2.023	271.4894	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91508	1.454	1.453	581.4082	0.4068
n-Propanol	0.91019	2.622	2.621	255.6903	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1379) **Description:** **Sample Barcode** 24-1379 **Vial Number:** 79
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:49:20 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\079F7901.D



Name FID1A

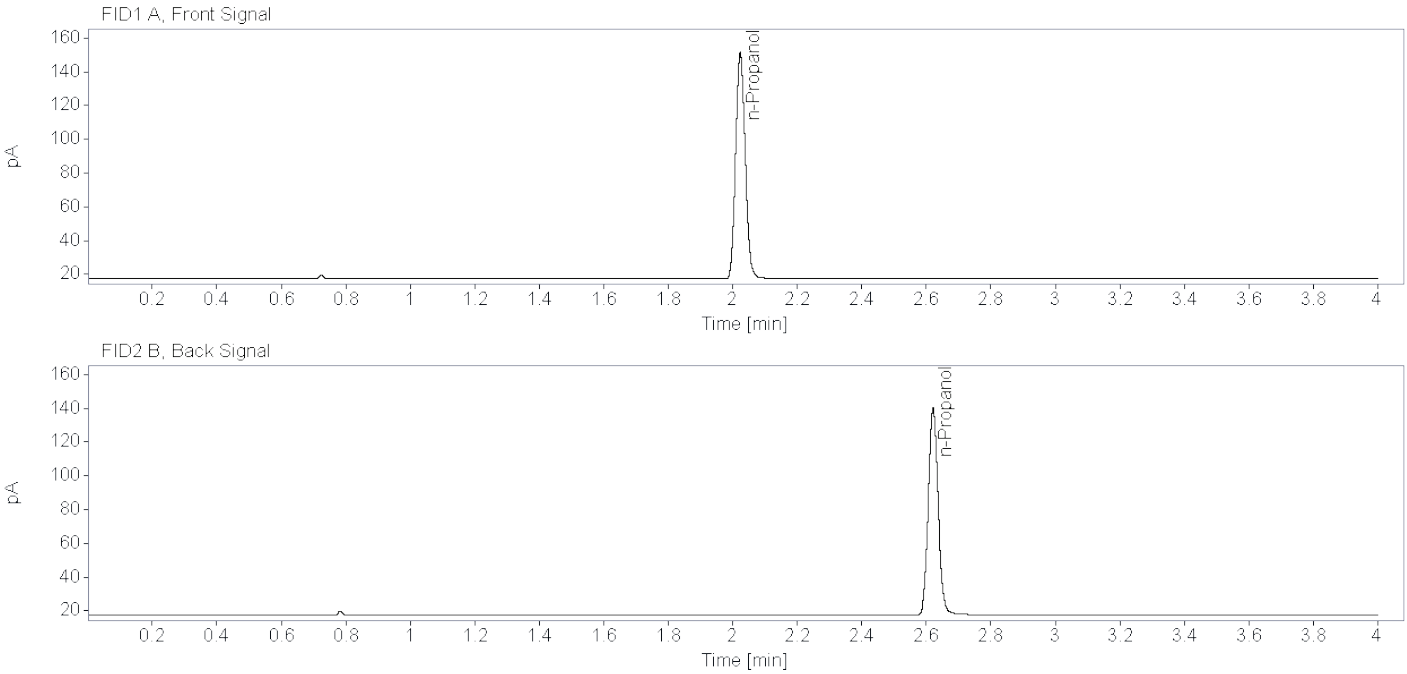
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81516	1.210	1.209	118.1472	0.0811
n-Propanol	0.86617	2.023	2.023	265.1026	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80213	1.454	1.453	112.0934	0.0810
n-Propanol	0.91417	2.621	2.621	249.8099	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-1380) **Description:** **Sample Barcode** 24-1380 **Vial Number:** 80
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:54:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\080F8001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86376	2.023	2.023	275.5423	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.91134	2.621	2.621	259.5930	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0582 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1781	Aliquot 1:	0.1780
	Aliquot 2:	0.1859	Aliquot 2:	0.1847

Reported Result: **0.181** **g/100 mL**

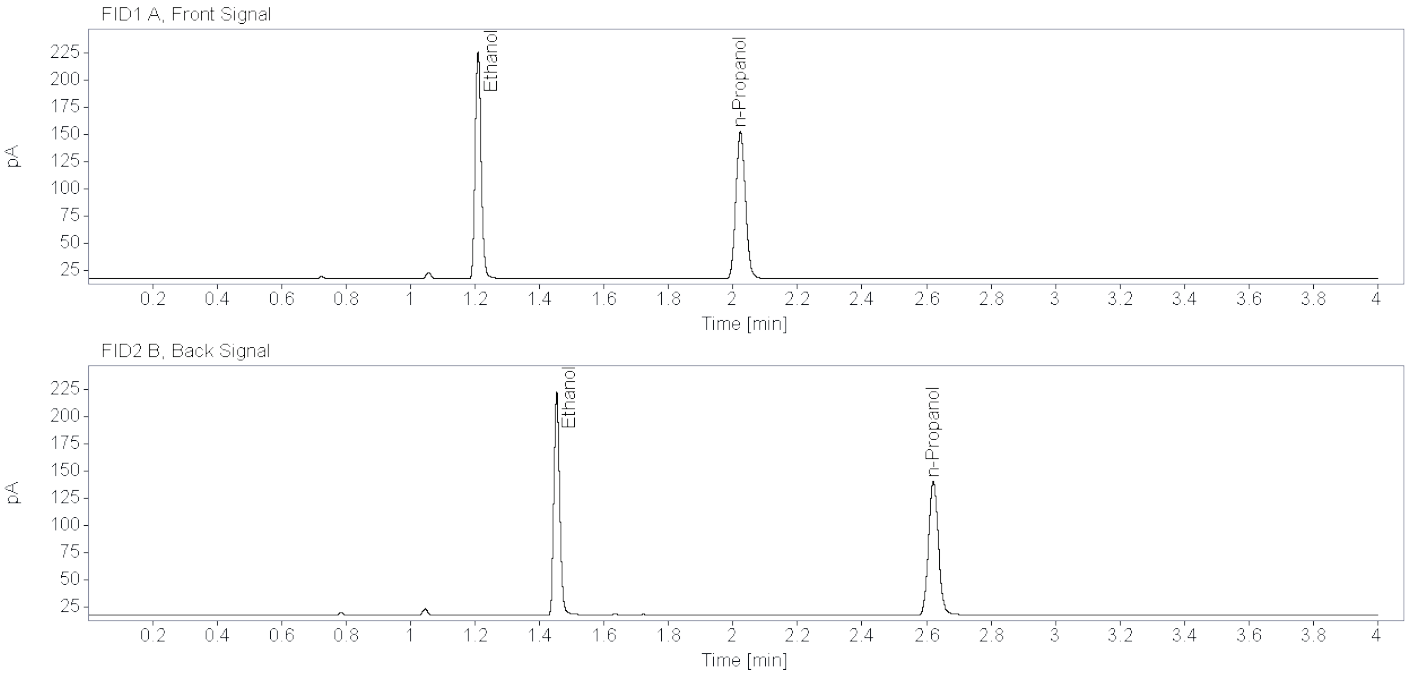
Reported UM: **0.026** **g/100 mL**

Comments: Previously analyzed in BAC_20240509_MH -- 5/31/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0582 001 (24-1312) **Description:** Alq 1 **Sample Barcode** 24-1312 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 12:59:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\012F1201.D



Name FID1A

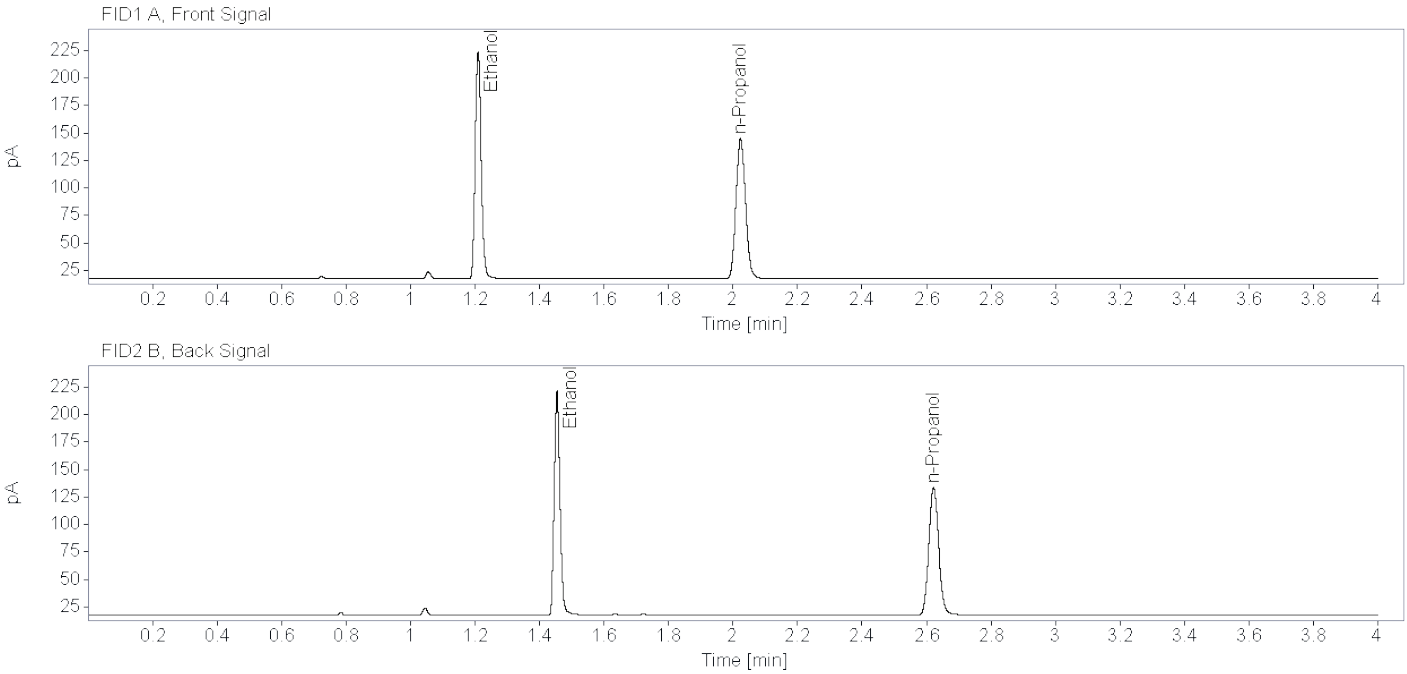
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84603	1.209	1.209	272.4878	0.1781
n-Propanol	0.87873	2.023	2.023	276.9562	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85198	1.453	1.453	257.8691	0.1780
n-Propanol	0.90522	2.621	2.621	259.8605	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0582 001 (24-1376) **Description:** Alq 2 **Sample Barcode** 24-1376 **Vial Number:** 76
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:33:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\076F7601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84810	1.209	1.209	268.5439	0.1859
n-Propanol	0.87406	2.023	2.023	261.5254	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85148	1.454	1.453	253.8105	0.1847
n-Propanol	0.90835	2.622	2.621	246.5037	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0755 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1051	Aliquot 1:	0.1049
	Aliquot 2:	0.1035	Aliquot 2:	0.1025

Reported Result: **0.104** **g/100 mL**

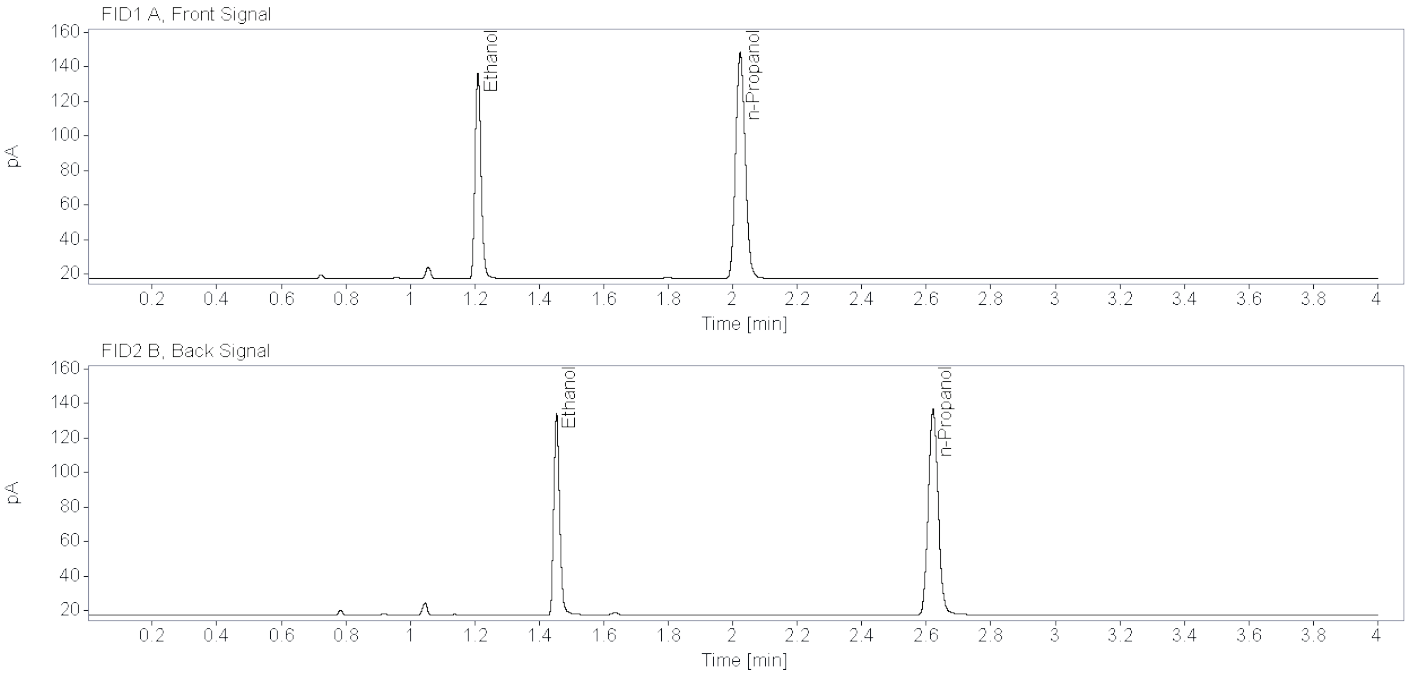
Reported UM: **0.015** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0755 001 (24-1313) **Description:** Alq 1 **Sample Barcode** 24-1313 **Vial Number:** 13
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:05:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\013F1301.D



Name FID1A

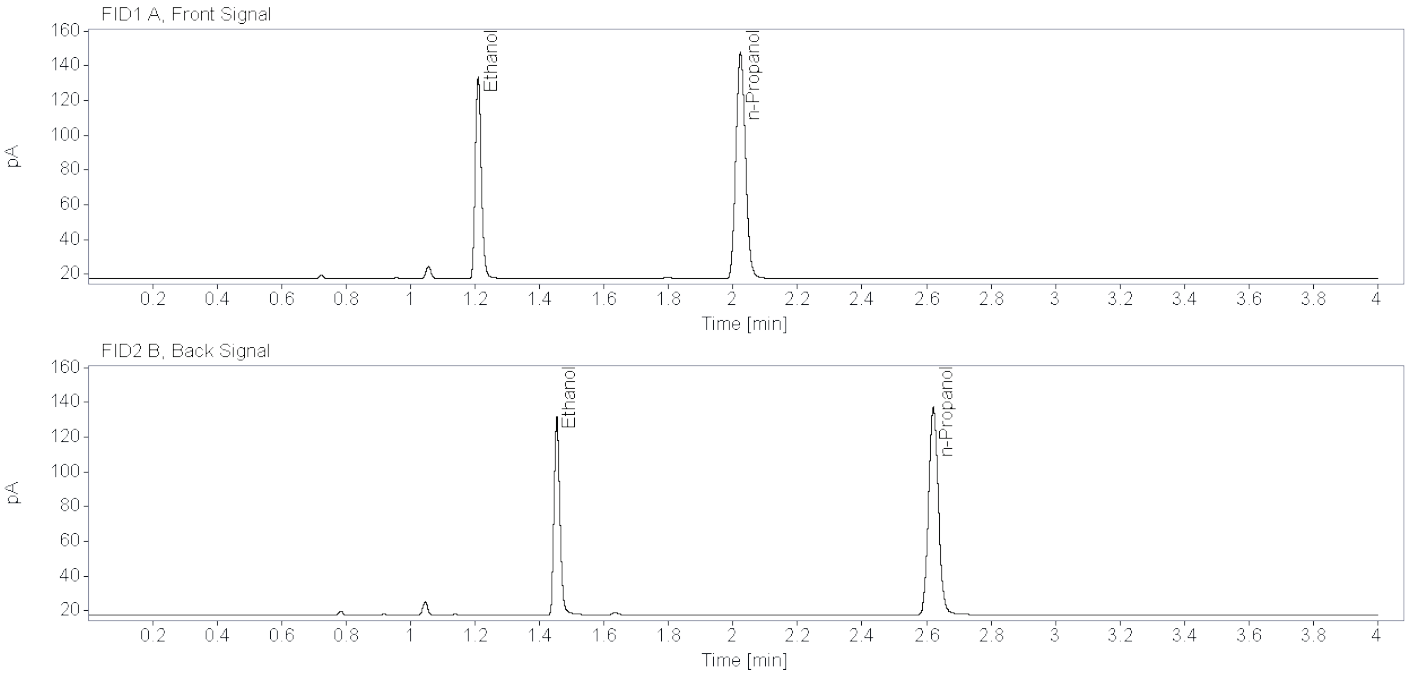
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82474	1.210	1.209	156.0159	0.1051
n-Propanol	0.87186	2.023	2.023	269.5395	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81774	1.454	1.453	147.2553	0.1049
n-Propanol	0.91452	2.621	2.621	252.6731	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0755 001 (24-1375) **Description:** Alq 2 **Sample Barcode** 24-1375 **Vial Number:** 75
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:28:32 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\075F7501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82991	1.210	1.209	152.5528	0.1035
n-Propanol	0.87821	2.023	2.023	267.5473	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81668	1.454	1.453	143.5494	0.1025
n-Propanol	0.90836	2.621	2.621	252.1448	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0777 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1669	Aliquot 1:	0.1670
	Aliquot 2:	0.1612	Aliquot 2:	0.1605

Reported Result: **0.163** **g/100 mL**

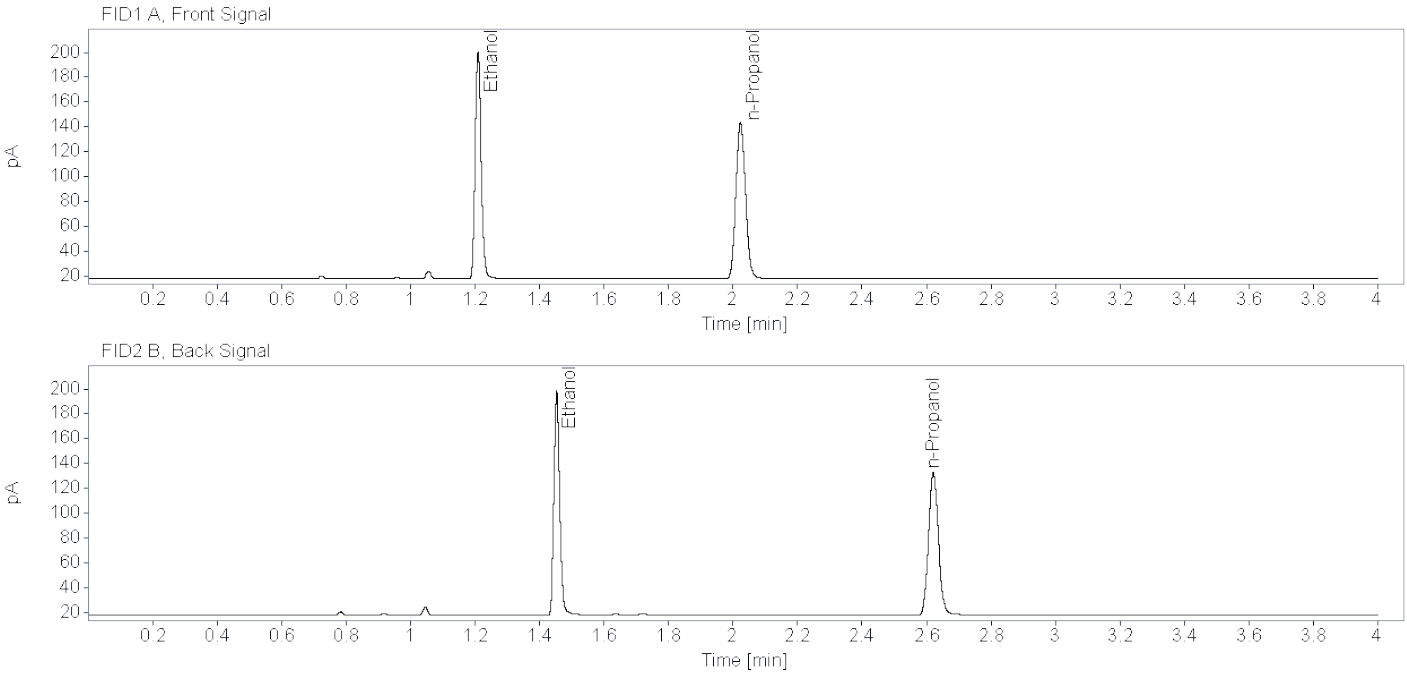
Reported UM: **0.023** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0777 001 (24-1314) **Description:** Alq 1 **Sample Barcode** 24-1314 **Vial Number:** 14
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:10:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\014F1401.D



Name FID1A

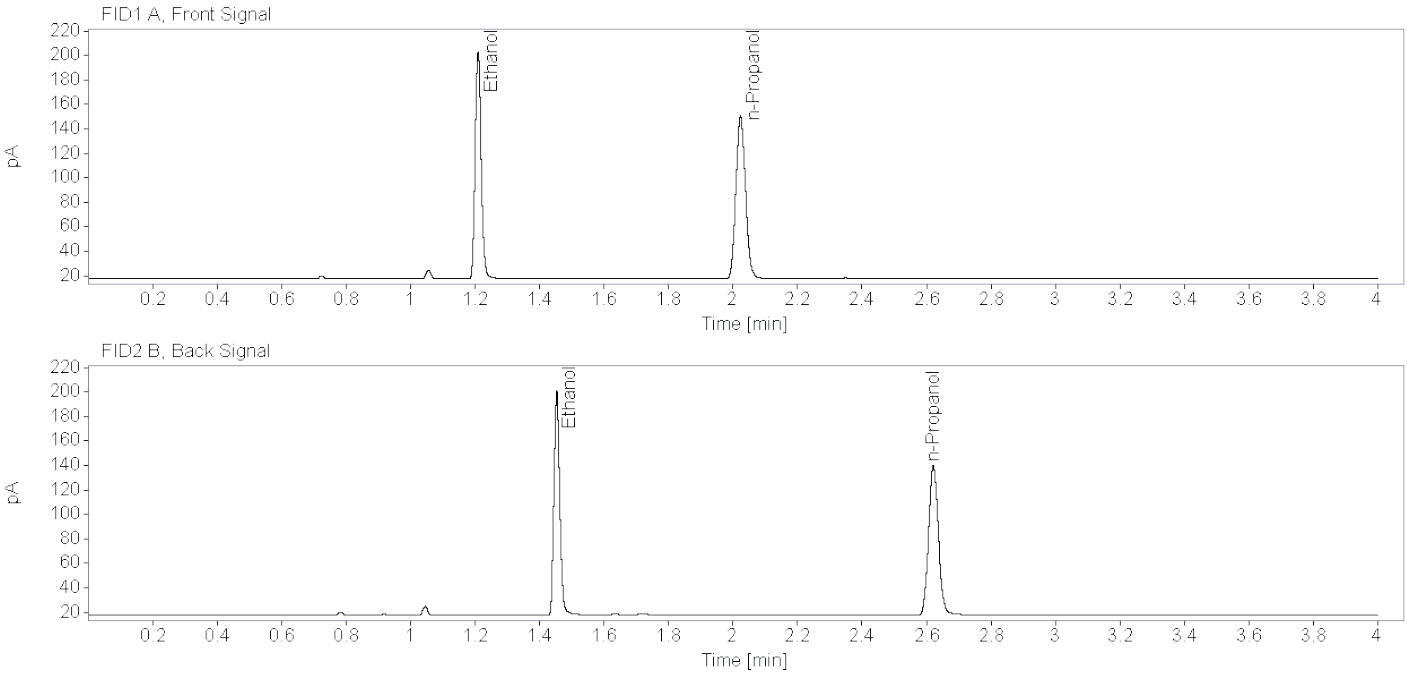
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84048	1.209	1.209	239.3204	0.1669
n-Propanol	0.87260	2.023	2.023	259.6269	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84266	1.453	1.453	226.7531	0.1670
n-Propanol	0.89710	2.621	2.621	243.6427	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0777 001 (24-1374) **Description:** Alq 2 **Sample Barcode** 24-1374 **Vial Number:** 74
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:23:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\074F7401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84183	1.209	1.209	243.6122	0.1612
n-Propanol	0.87318	2.023	2.023	273.7183	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84678	1.454	1.453	230.8262	0.1605
n-Propanol	0.89999	2.621	2.621	258.1023	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0801 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: none detected

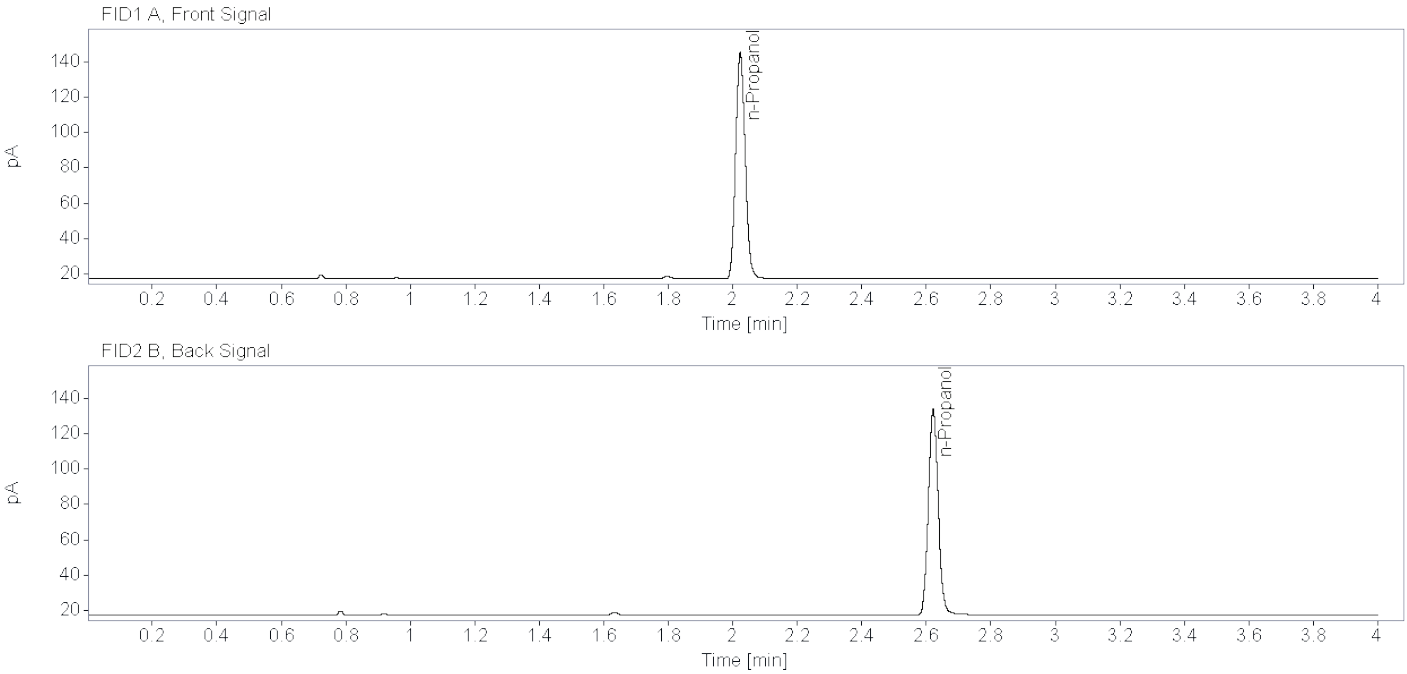
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0801 001 (24-1315) **Description:** Alq 1 **Sample Barcode** 24-1315 **Vial Number:** 15
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:15:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\015F1501.D



Name FID1A

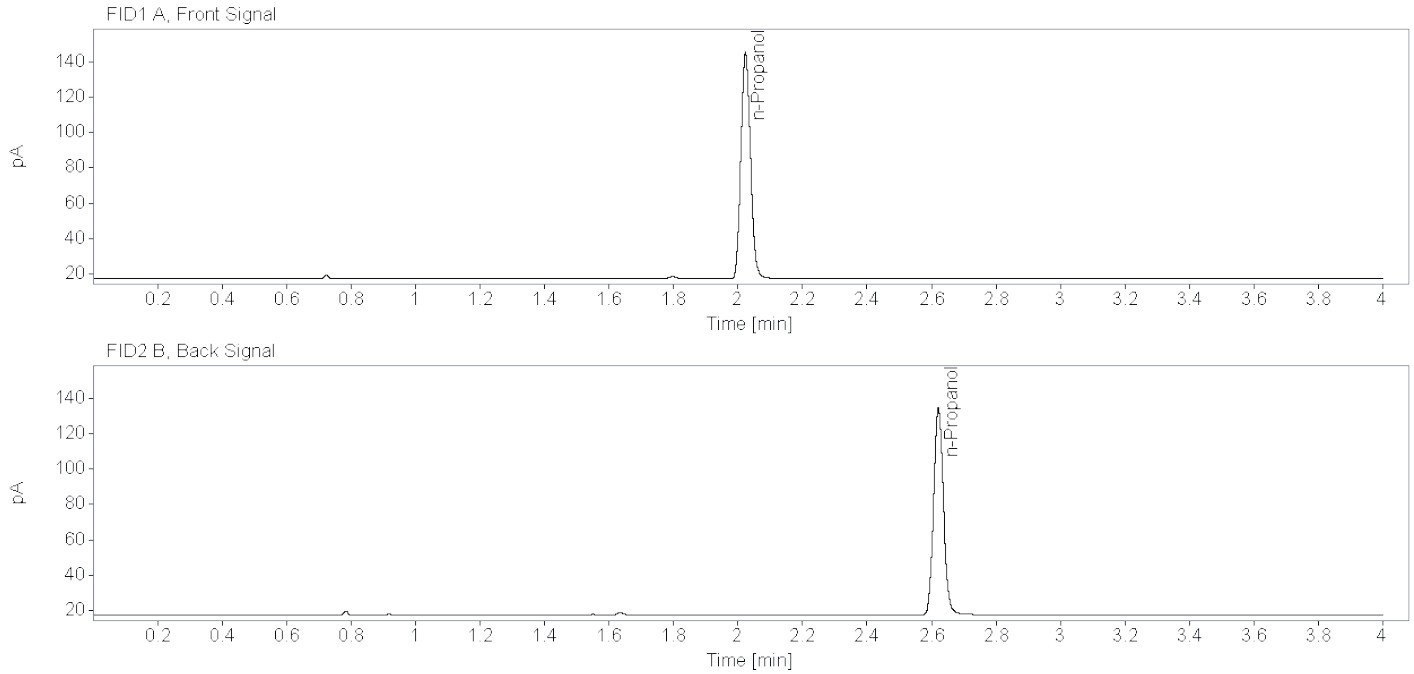
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86611	2.023	2.023	261.7002	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.91685	2.621	2.621	244.7936	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0801 001 (24-1373) **Description:** Alq 2 **Sample Barcode** 24-1373 **Vial Number:** 73
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:18:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\073F7301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87269	2.023	2.023	262.8038	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90658	2.621	2.621	247.1420	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0804 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

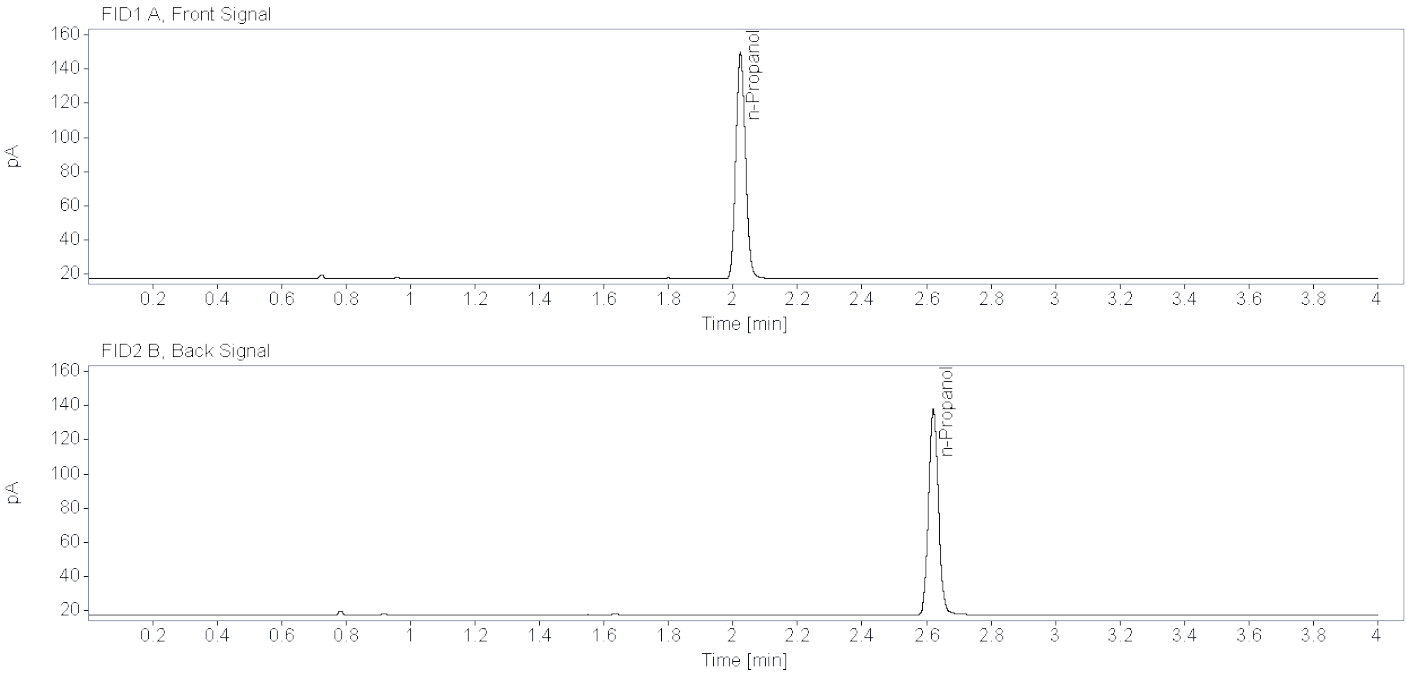
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0804 001 (24-1316) **Description:** Alq 1 **Sample Barcode** 24-1316 **Vial Number:** 16
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:20:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\016F1601.D



Name FID1A

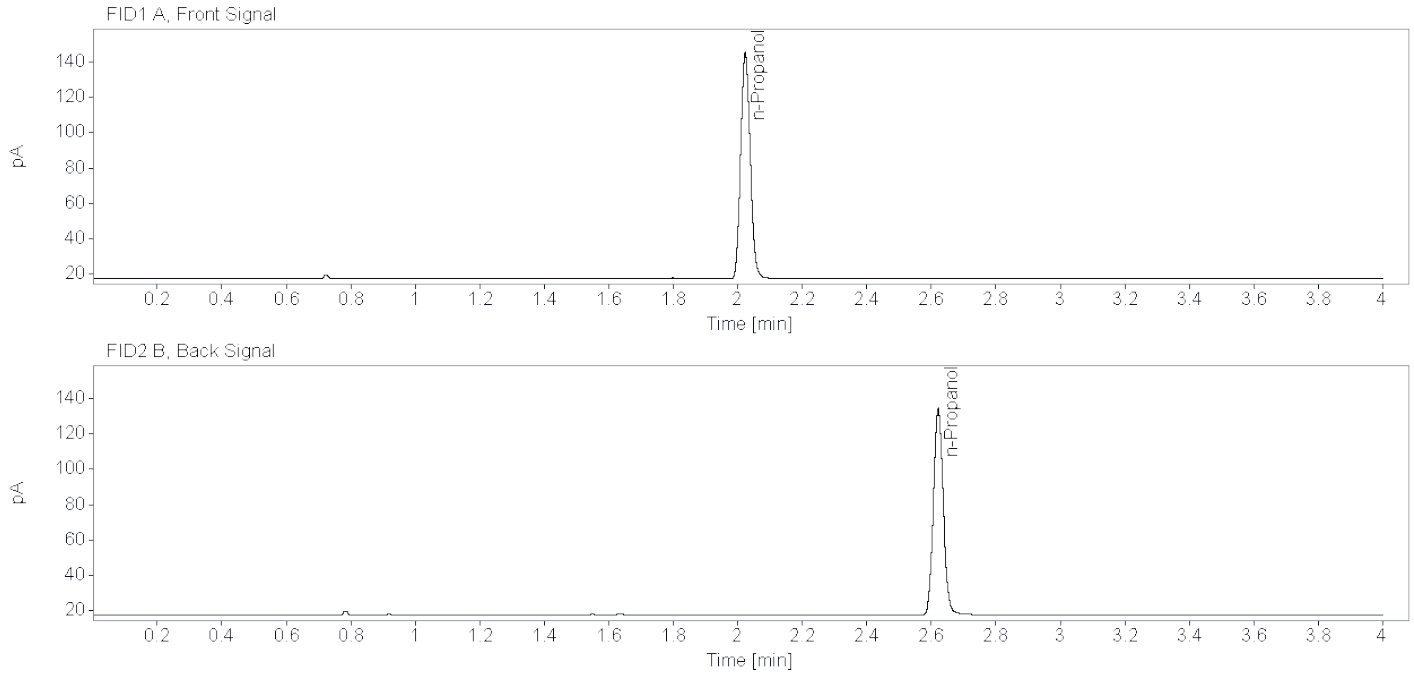
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87094	2.023	2.023	272.2270	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90654	2.621	2.621	254.7580	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0804 001 (24-1372) **Description:** Alq 2 **Sample Barcode** 24-1372 **Vial Number:** 72
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:12:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86603	2.023	2.023	262.8333	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90610	2.622	2.621	247.2800	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0829 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

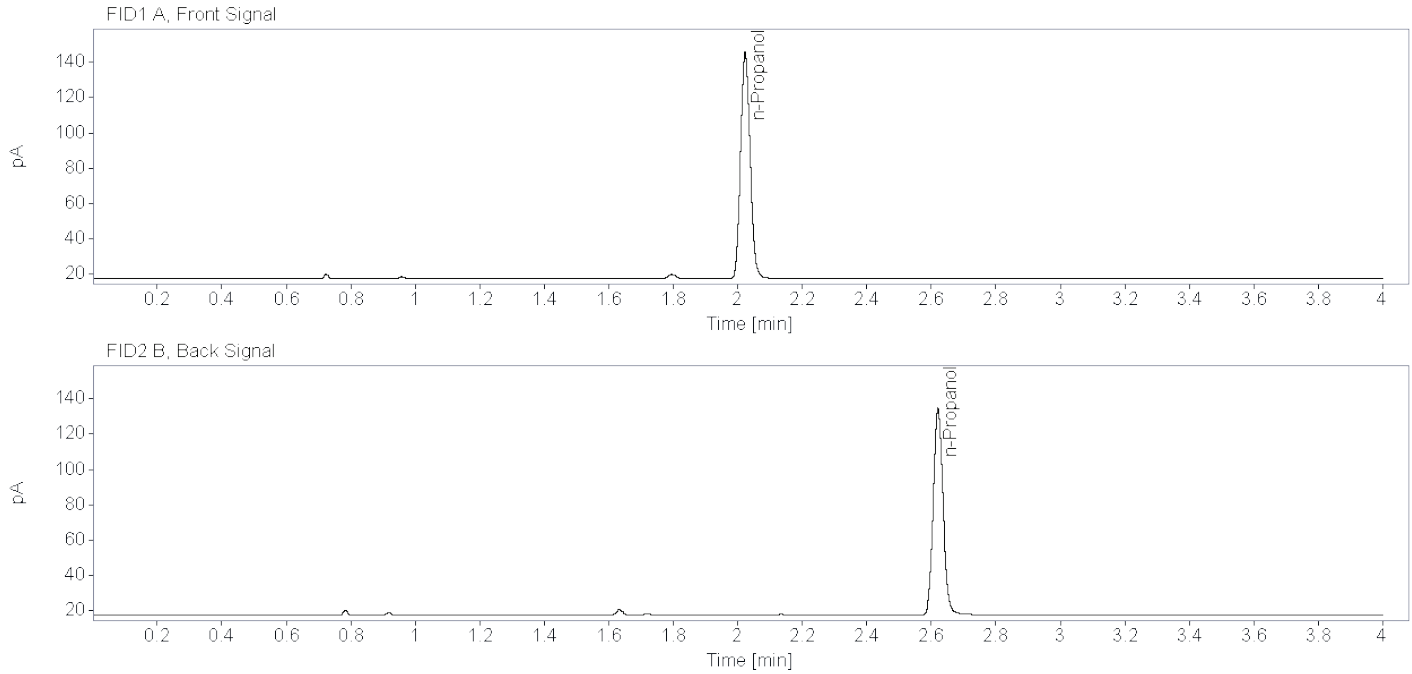
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0829 001 (24-1317) **Description:** Alq 1 **Sample Barcode** 24-1317 **Vial Number:** 17
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:26:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\017F1701.D



Name FID1A

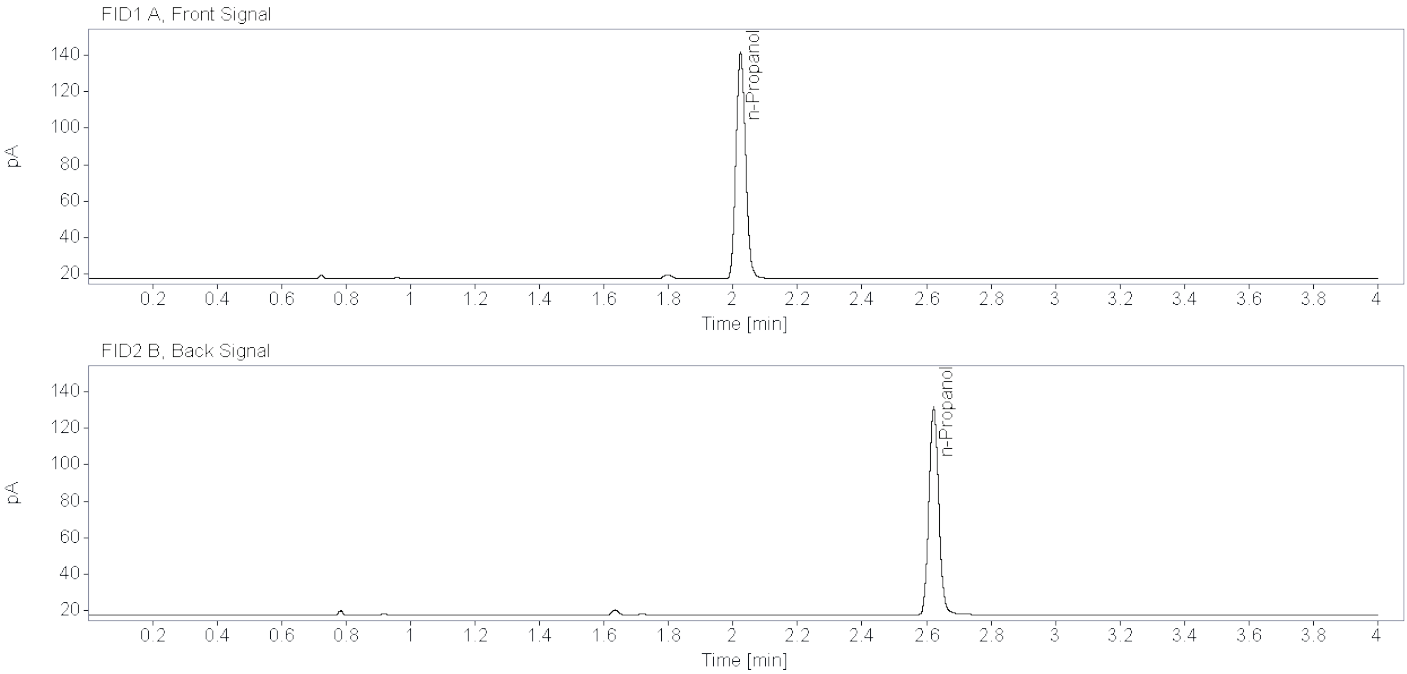
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86589	2.023	2.023	263.7608	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90982	2.621	2.621	246.7421	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0829 001 (24-1371) **Description:** Alq 2 **Sample Barcode** 24-1371 **Vial Number:** 71
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:07:44 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\071F7101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87789	2.023	2.023	254.6998	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90399	2.622	2.621	239.5227	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0830 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1828	Aliquot 1:	0.1827
	Aliquot 2:	0.2044	Aliquot 2:	0.2033

Reported Result: **0.193** **g/100 mL**

Reported UM: **0.028** **g/100 mL**

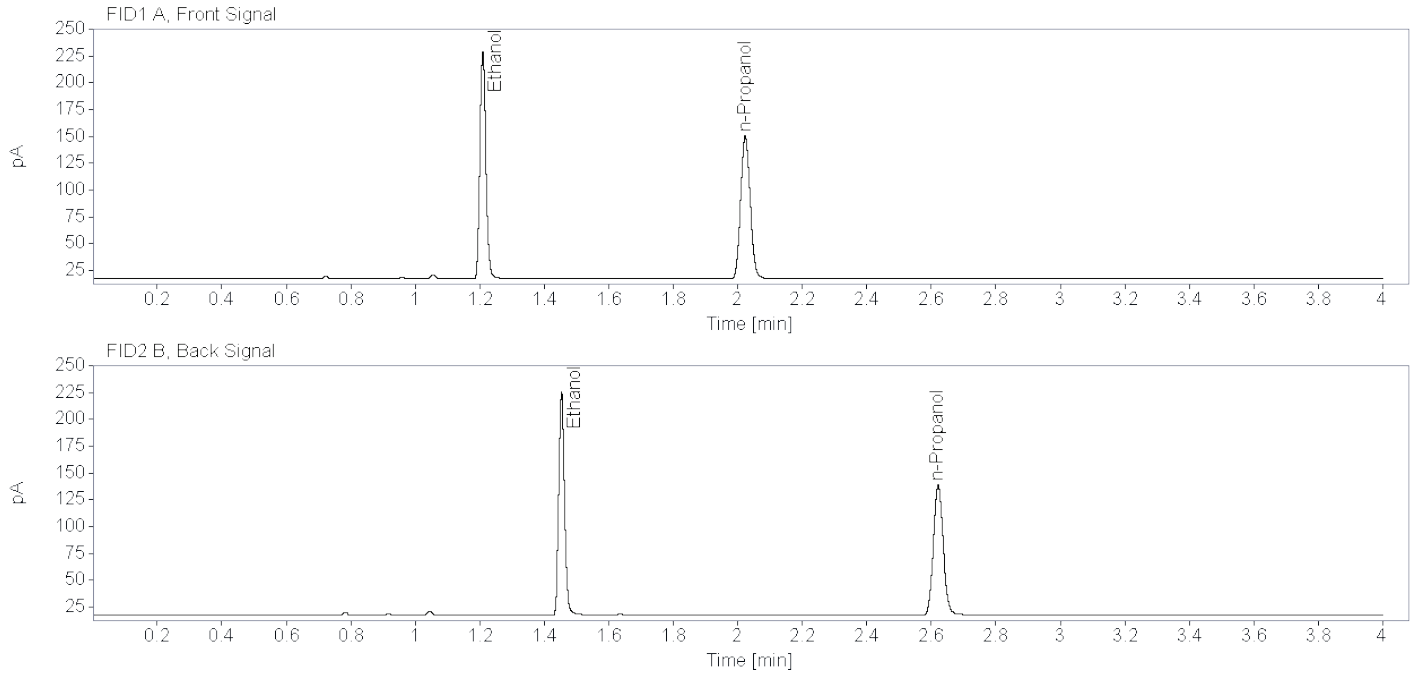
5/31/2024 mh

Comments: Aliquots are not within 5% of the average. Sample will be repeated. -- 5/31/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0830 001 (24-1318) **Description:** Alq 1 **Sample Barcode** 24-1318 **Vial Number:** 18
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:30:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\018F1801.D



Name FID1A

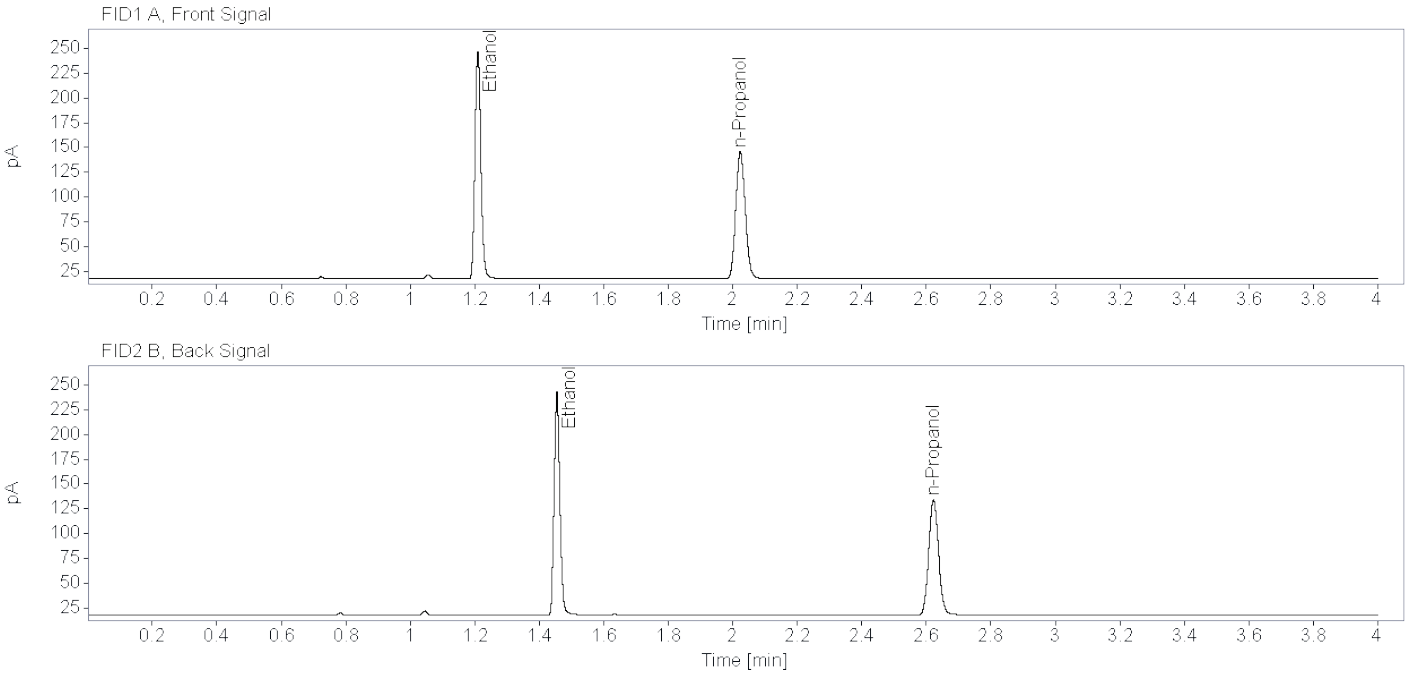
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85671	1.209	1.209	276.2627	0.1828
n-Propanol	0.86878	2.023	2.023	273.5432	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84389	1.454	1.453	261.2545	0.1827
n-Propanol	0.91700	2.621	2.621	256.5722	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0830 001 (24-1370) **Description:** Alq 2 **Sample Barcode** 24-1370 **Vial Number:** 70
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 6:02:12 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\070F7001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86225	1.210	1.209	296.3412	0.2044
n-Propanol	0.86678	2.023	2.023	262.2636	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85710	1.455	1.453	280.0592	0.2033
n-Propanol	0.90751	2.622	2.621	246.9692	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0837 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2675	Aliquot 1:	0.2672
	Aliquot 2:	0.2860	Aliquot 2:	0.2845

Reported Result: 0.276 g/100 mL

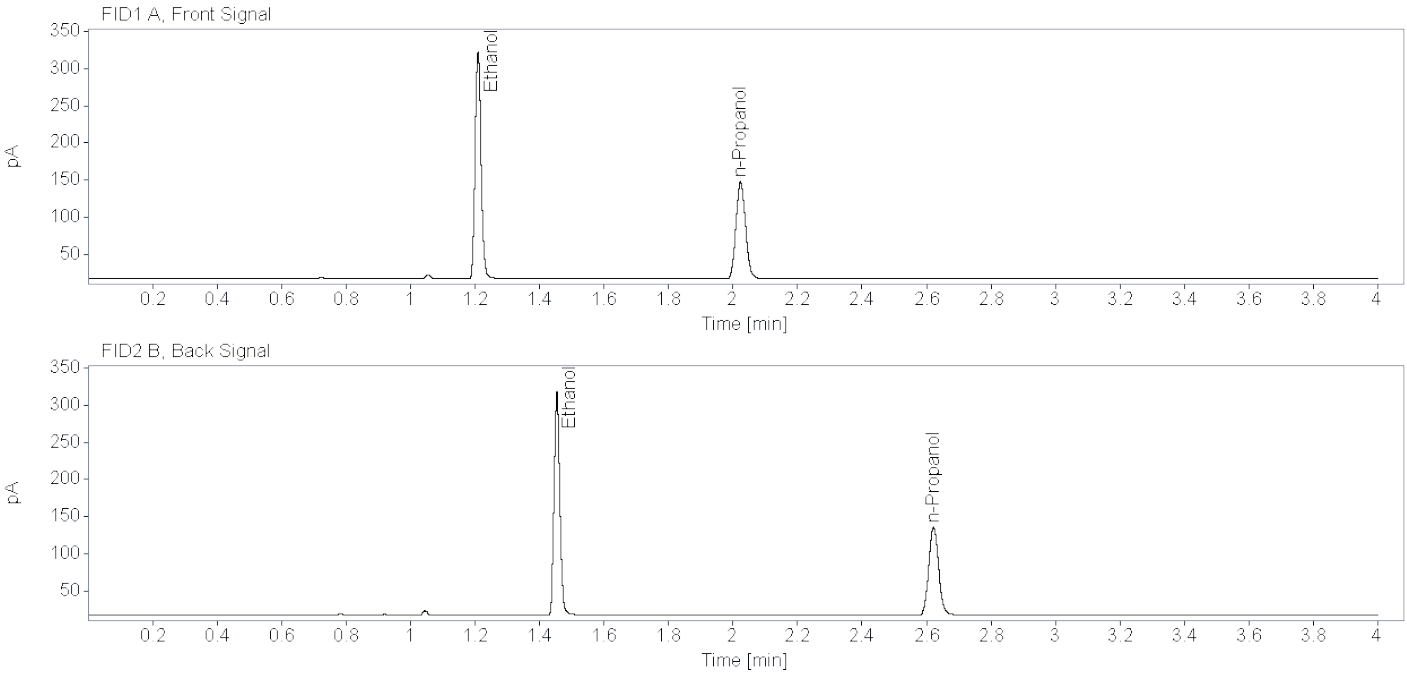
Reported UM: 0.040 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0837 001 (24-1319) **Description:** Alq 1 **Sample Barcode** 24-1319 **Vial Number:** 19
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:36:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\019F1901.D



Name FID1A

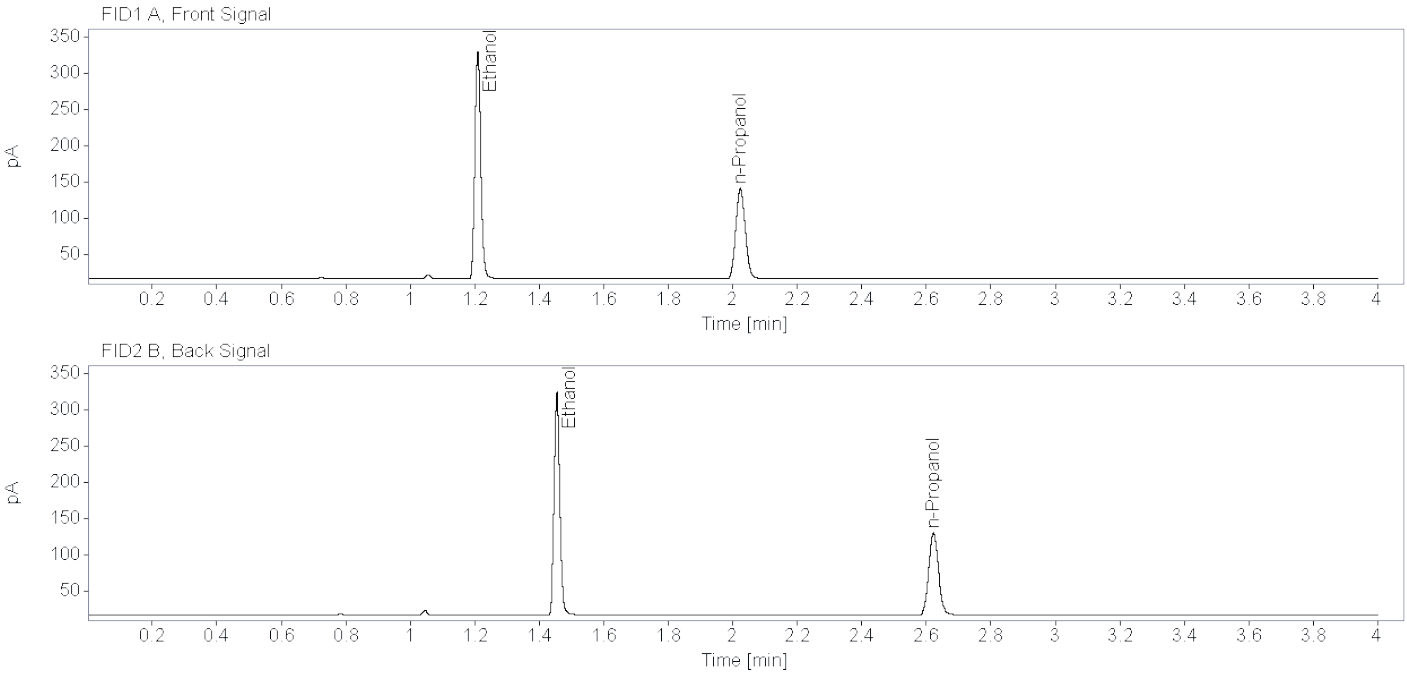
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85977	1.209	1.209	396.1797	0.2675
n-Propanol	0.87651	2.023	2.023	267.6914	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87673	1.454	1.453	374.4156	0.2672
n-Propanol	0.90869	2.622	2.621	250.9809	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0837 001 (24-1369) **Description:** Alq 2 **Sample Barcode** 24-1369 **Vial Number:** 69
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:57:20 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\069F6901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87327	1.209	1.209	403.1216	0.2860
n-Propanol	0.86700	2.023	2.023	254.7987	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87779	1.455	1.453	381.4510	0.2845
n-Propanol	0.90349	2.622	2.621	240.0519	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0877 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1894	Aliquot 1:	0.1893
	Aliquot 2:	0.1885	Aliquot 2:	0.1874

Reported Result: **0.188** **g/100 mL**

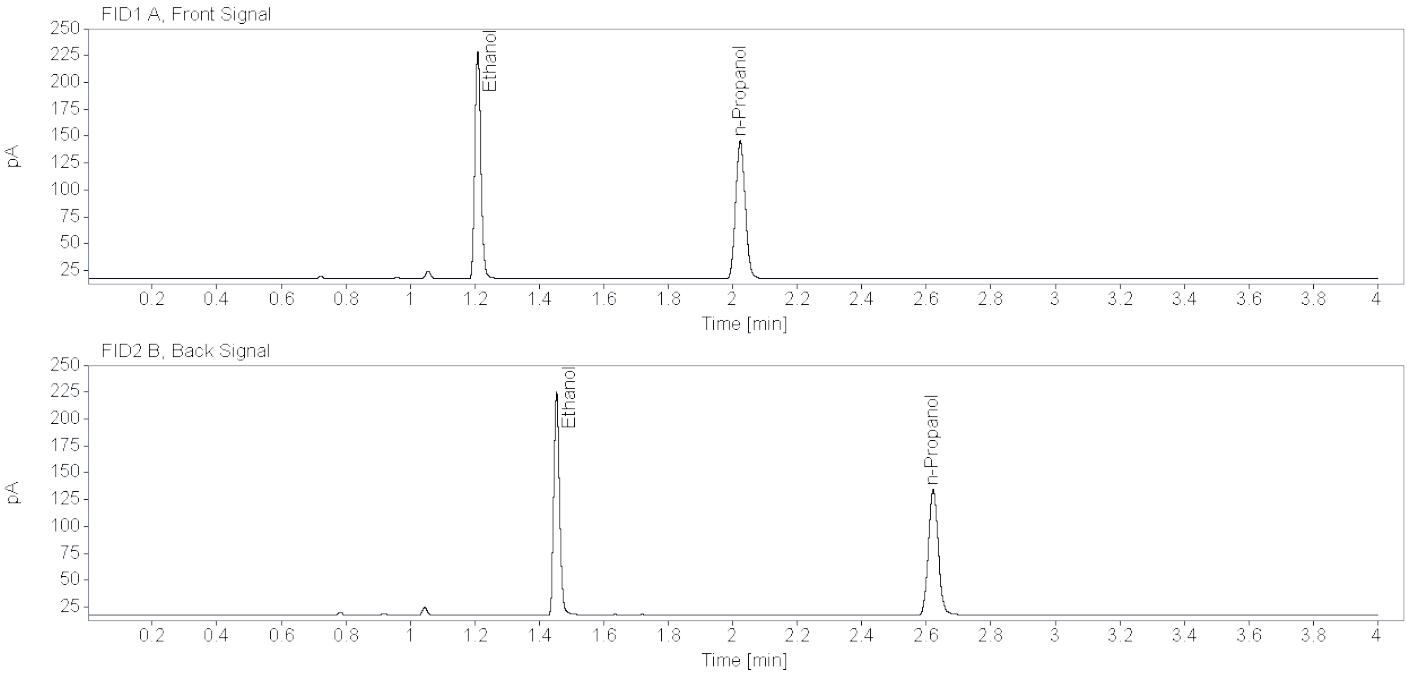
Reported UM: **0.027** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0877 001 (24-1320) **Description:** Alq 1 **Sample Barcode** 24-1320 **Vial Number:** 20
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:41:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\020F2001.D



Name FID1A

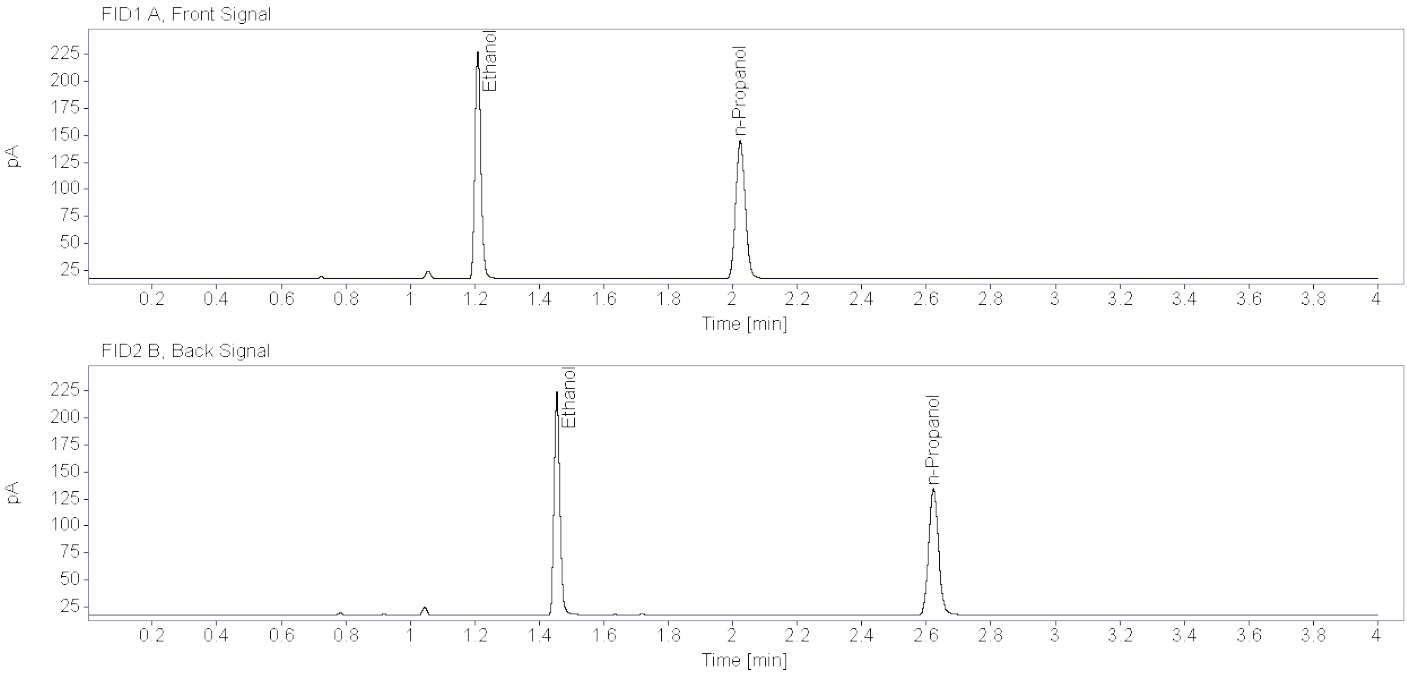
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85665	1.209	1.209	275.2990	0.1894
n-Propanol	0.87315	2.023	2.023	263.0563	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84584	1.454	1.453	260.4715	0.1893
n-Propanol	0.91222	2.622	2.621	246.7684	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0877 001 (24-1368) **Description:** Alq 2 **Sample Barcode** 24-1368 **Vial Number:** 68
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:51:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\068F6801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85773	1.209	1.209	271.3246	0.1885
n-Propanol	0.87174	2.023	2.023	260.5139	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85048	1.455	1.453	256.4190	0.1874
n-Propanol	0.90726	2.622	2.621	245.4307	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0900 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1856	Aliquot 1:	0.1854
	Aliquot 2:	0.1922	Aliquot 2:	0.1912

Reported Result: **0.188** **g/100 mL**

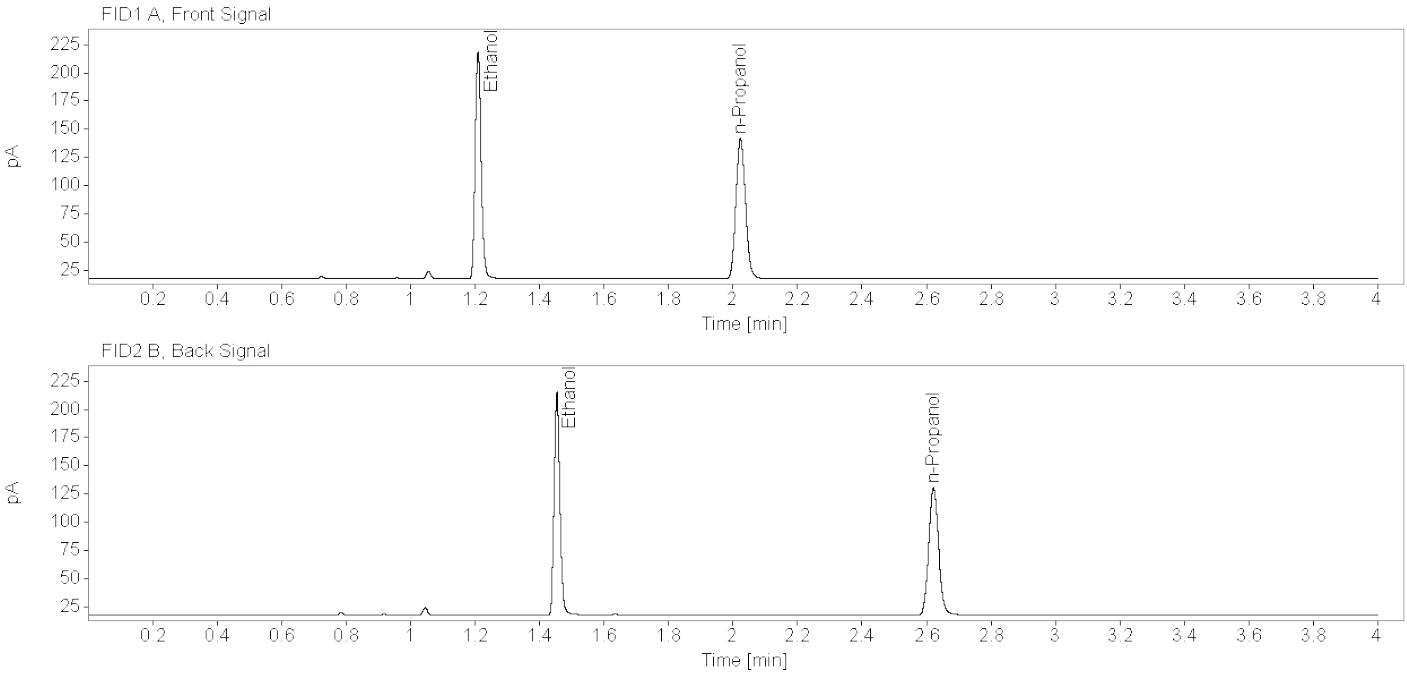
Reported UM: **0.027** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0900 001 (24-1321) **Description:** Alq 1 **Sample Barcode** 24-1321 **Vial Number:** 21
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:47:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\021F2101.D



Name FID1A

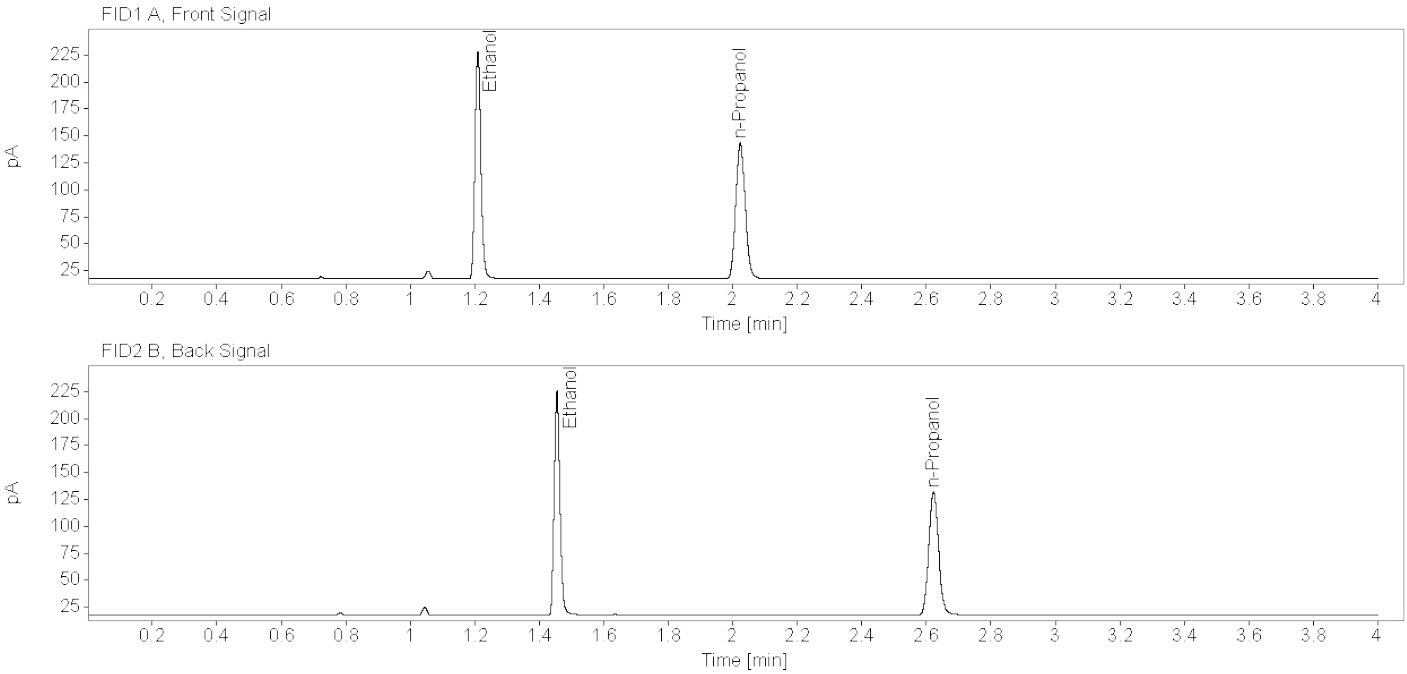
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84241	1.209	1.209	261.4227	0.1856
n-Propanol	0.86822	2.023	2.023	254.8908	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84804	1.454	1.453	246.6195	0.1854
n-Propanol	0.90918	2.622	2.621	238.6210	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0900 001 (24-1367) **Description:** Alq 2 **Sample Barcode** 24-1367 **Vial Number:** 67
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:46:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85849	1.210	1.209	271.8709	0.1922
n-Propanol	0.86438	2.023	2.023	256.0071	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85109	1.455	1.453	256.7219	0.1912
n-Propanol	0.91280	2.623	2.621	240.8226	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0933 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2282	Aliquot 1:	0.2285
	Aliquot 2:	0.2304	Aliquot 2:	0.2301

Reported Result: **0.229** **g/100 mL**

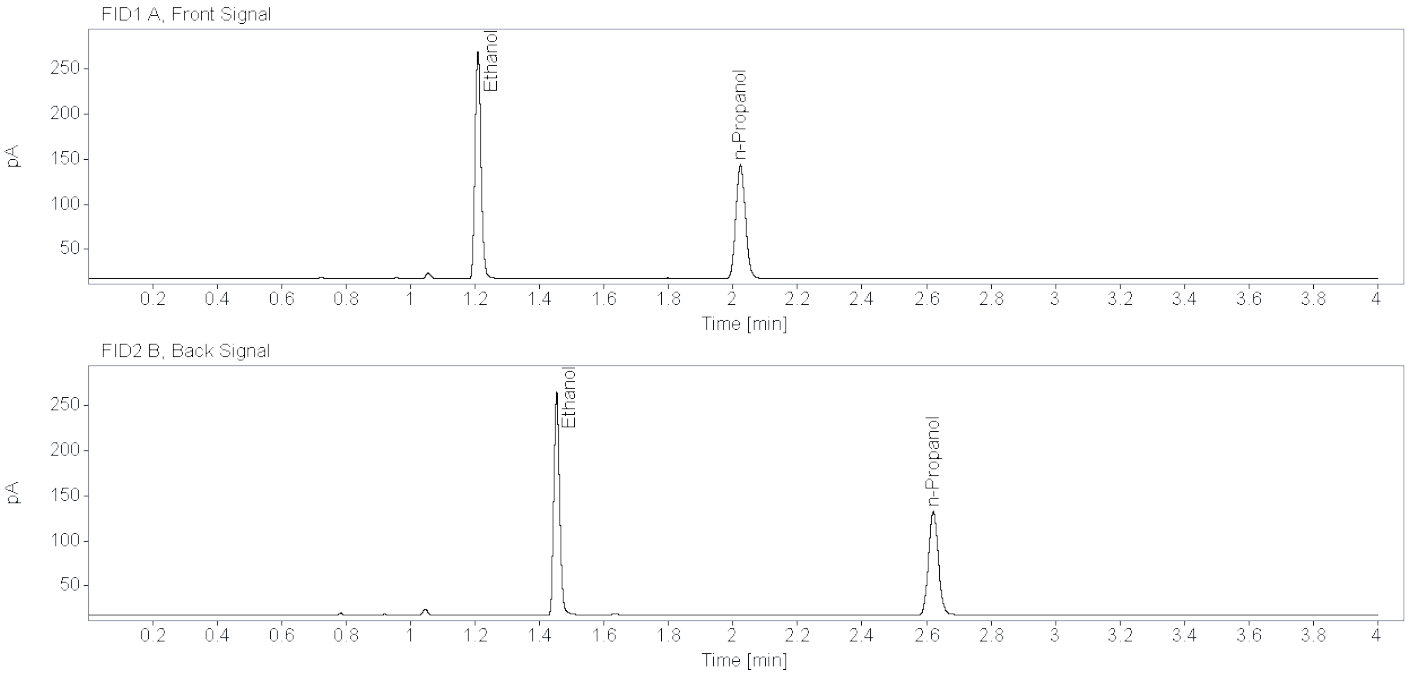
Reported UM: **0.033** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0933 001 (24-1323) **Description:** Alq 1 **Sample Barcode** 24-1323 **Vial Number:** 23
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 1:57:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\023F2301.D



Name FID1A

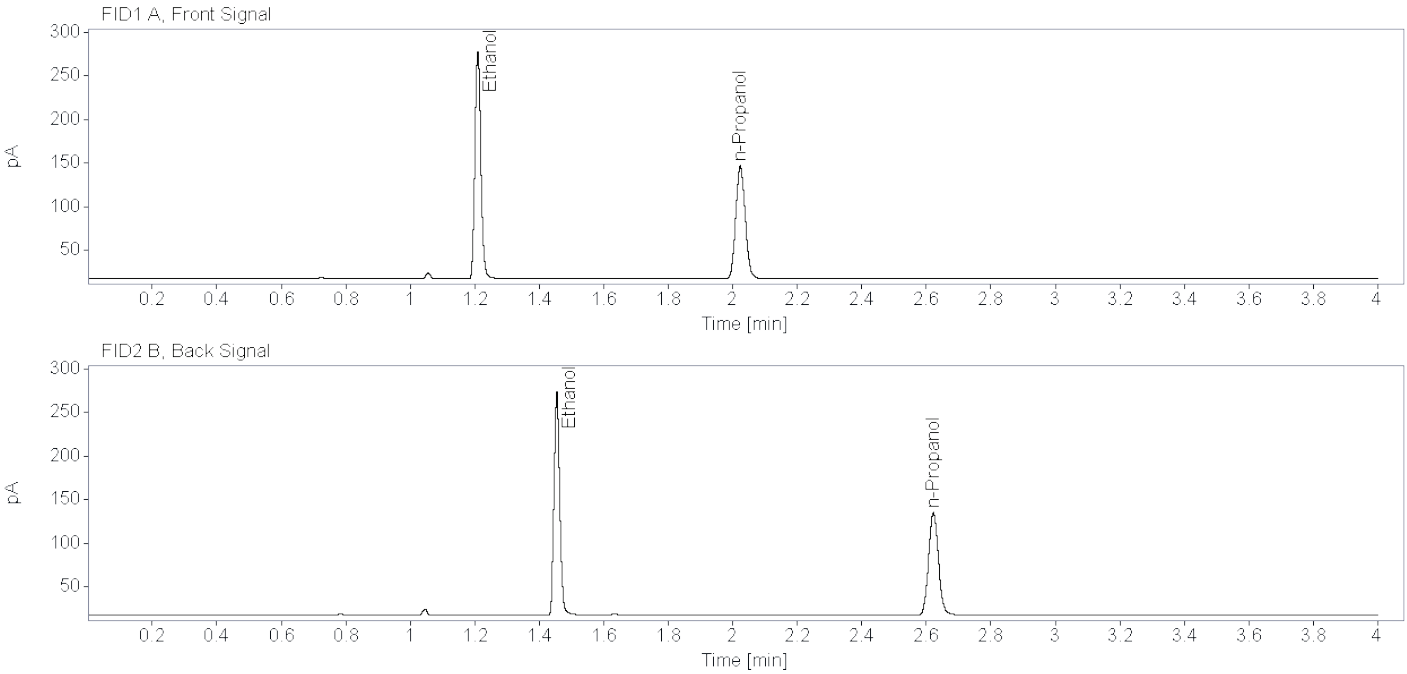
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84398	1.209	1.209	327.1701	0.2282
n-Propanol	0.87112	2.023	2.023	259.3250	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86143	1.453	1.453	309.2037	0.2285
n-Propanol	0.90369	2.621	2.621	242.4594	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0933 001 (24-1365) **Description:** Alq 2 **Sample Barcode** 24-1365 **Vial Number:** 65
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:36:32 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\065F6501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86493	1.209	1.209	337.1286	0.2304
n-Propanol	0.86503	2.023	2.023	264.6817	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87508	1.455	1.453	319.3182	0.2301
n-Propanol	0.90510	2.622	2.621	248.6781	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-0988 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

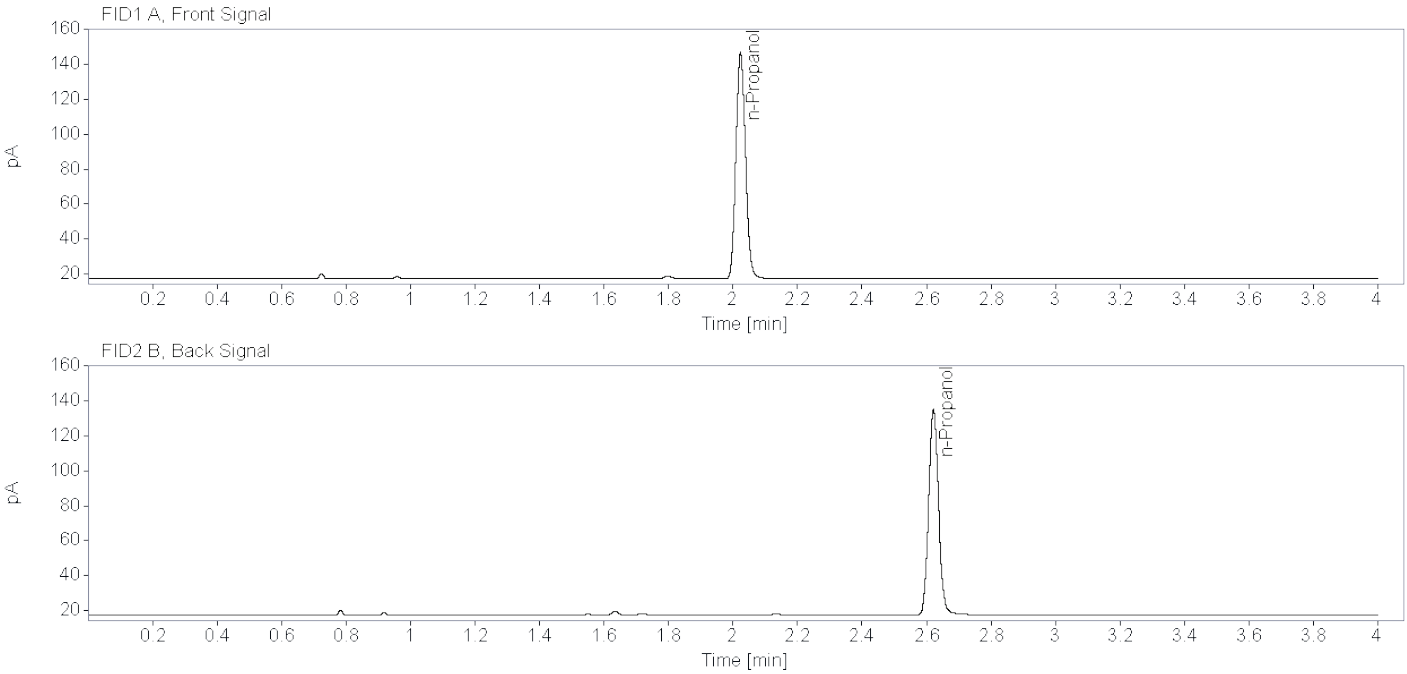
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0988 001 (24-1324) **Description:** Alq 1 **Sample Barcode** 24-1324 **Vial Number:** 24
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:02:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\024F2401.D



Name FID1A

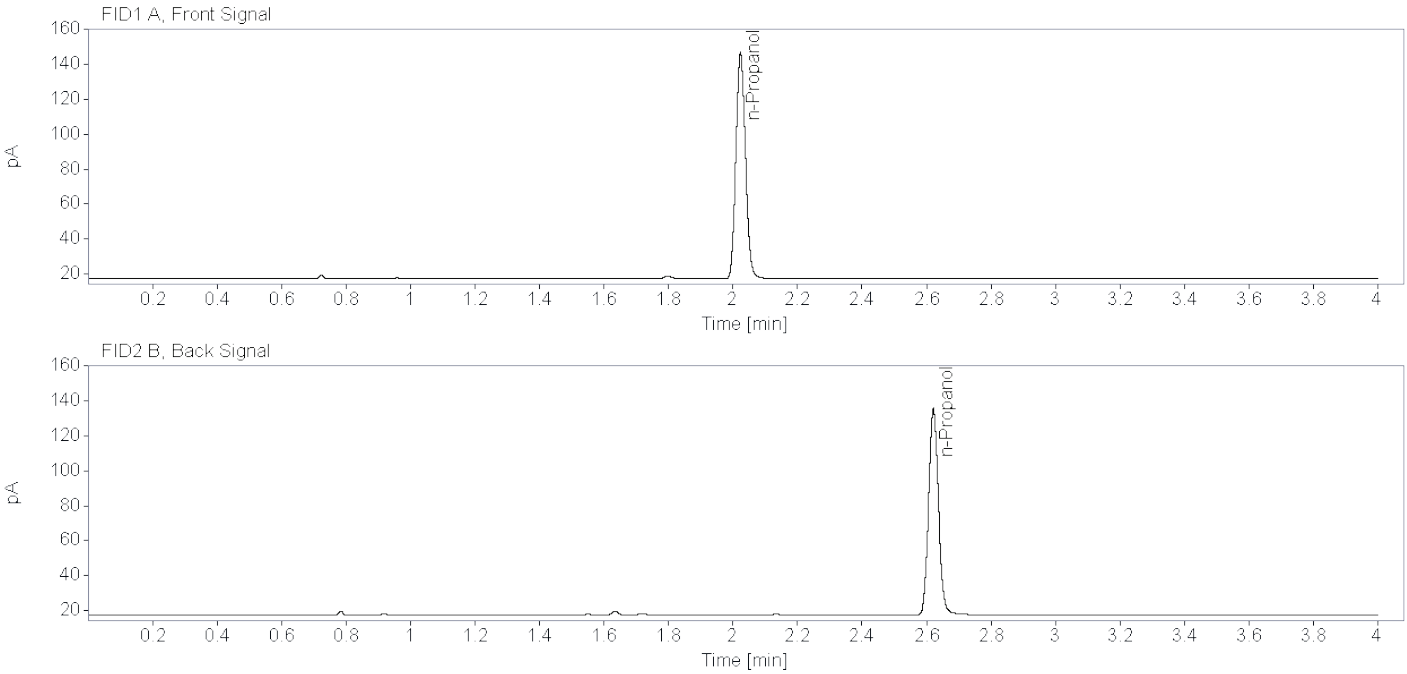
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87599	2.023	2.023	266.0699	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90882	2.621	2.621	249.1941	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-0988 001 (24-1364) **Description:** Alq 2 **Sample Barcode** 24-1364 **Vial Number:** 64
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:31:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87205	2.023	2.023	265.2937	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90321	2.621	2.621	249.3022	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1018 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0577	Aliquot 1:	0.0576
	Aliquot 2:	0.0514	Aliquot 2:	0.0511

Reported Result: ~~0.054~~ **g/100 mL**

Reported UM: ~~0.008~~ **g/100 mL**

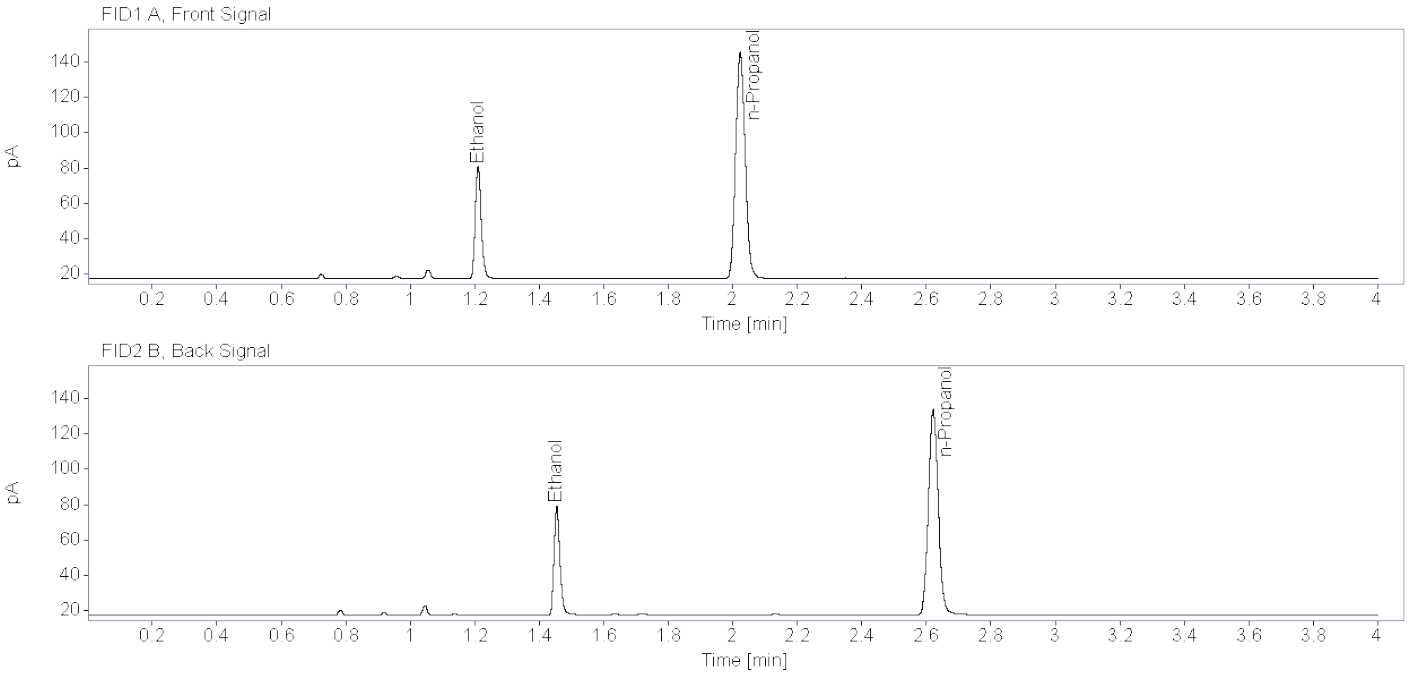
5/31/2024 mh

Comments: Aliquots are not within 5% of the average. Sample will be repeated. -- 5/31/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1018 001 (24-1325) **Description:** Alq 1 **Sample Barcode** 24-1325 **Vial Number:** 25
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:07:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\025F2501.D



Name FID1A

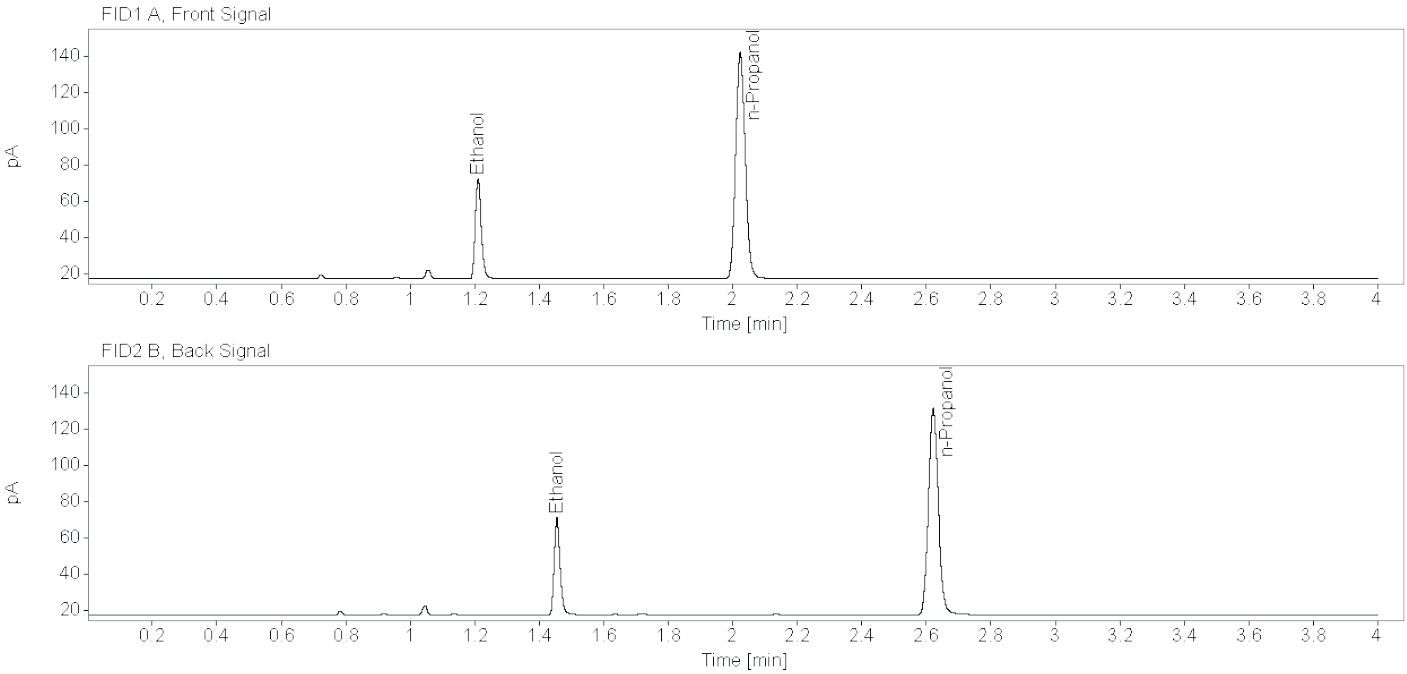
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81196	1.210	1.209	82.8676	0.0577
n-Propanol	0.87135	2.023	2.023	262.1953	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79185	1.455	1.453	78.0283	0.0576
n-Propanol	0.91394	2.622	2.621	245.8561	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1018 001 (24-1363) **Description:** Alq 2 **Sample Barcode** 24-1363 **Vial Number:** 63
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:26:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80965	1.210	1.209	71.9683	0.0514
n-Propanol	0.86788	2.023	2.023	256.0962	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79045	1.455	1.453	67.7457	0.0511
n-Propanol	0.89865	2.622	2.621	240.9423	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1070 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1225	Aliquot 1:	0.1220
	Aliquot 2:	0.1299	Aliquot 2:	0.1291

Reported Result: **0.125** **g/100 mL**

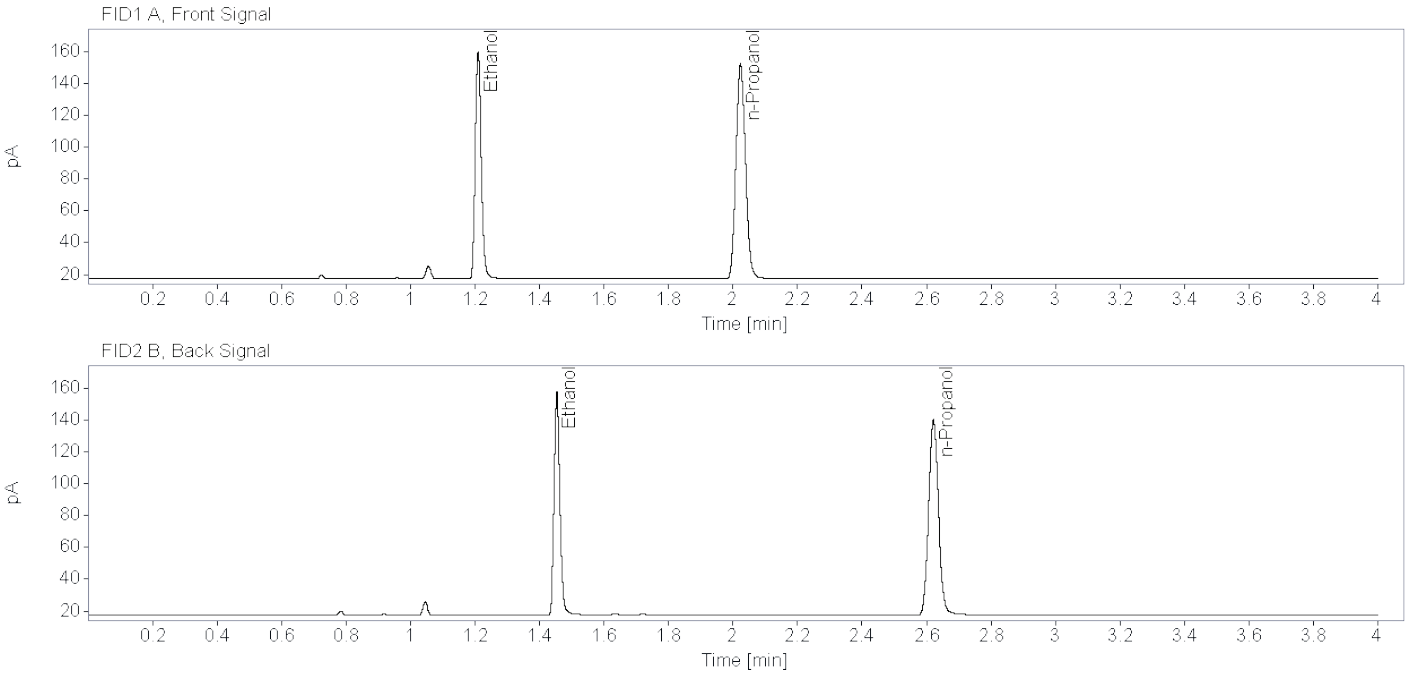
Reported UM: **0.018** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1070 001 (24-1326) **Description:** Alq 1 **Sample Barcode** 24-1326 **Vial Number:** 26
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:12:32 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\026F2601.D



Name FID1A

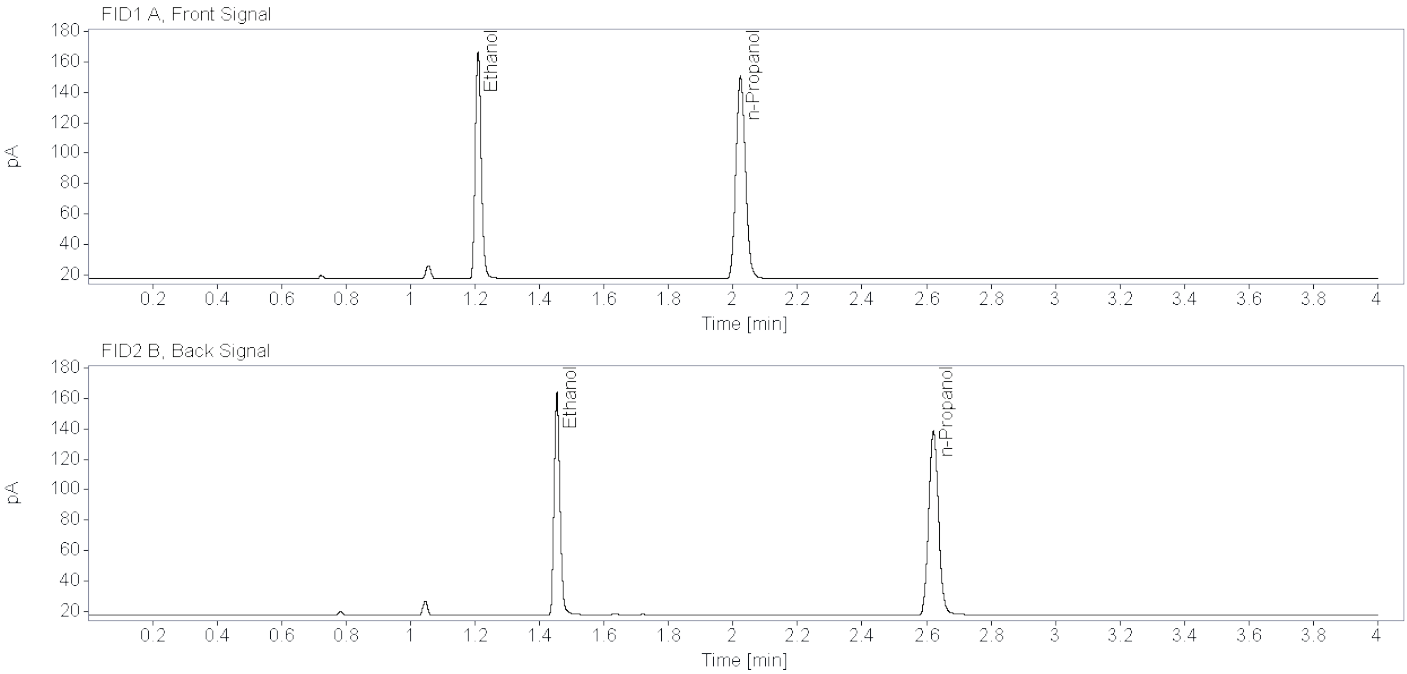
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83353	1.210	1.209	186.5352	0.1225
n-Propanol	0.87806	2.023	2.023	276.2786	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82963	1.454	1.453	175.6070	0.1220
n-Propanol	0.90917	2.621	2.621	258.7552	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1070 001 (24-1362) **Description:** Alq 2 **Sample Barcode** 24-1362 **Vial Number:** 62
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:20:35 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83675	1.210	1.209	194.8141	0.1299
n-Propanol	0.87517	2.023	2.023	271.8360	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83210	1.454	1.453	183.6071	0.1291
n-Propanol	0.90955	2.622	2.621	255.7118	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1098 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: none detected

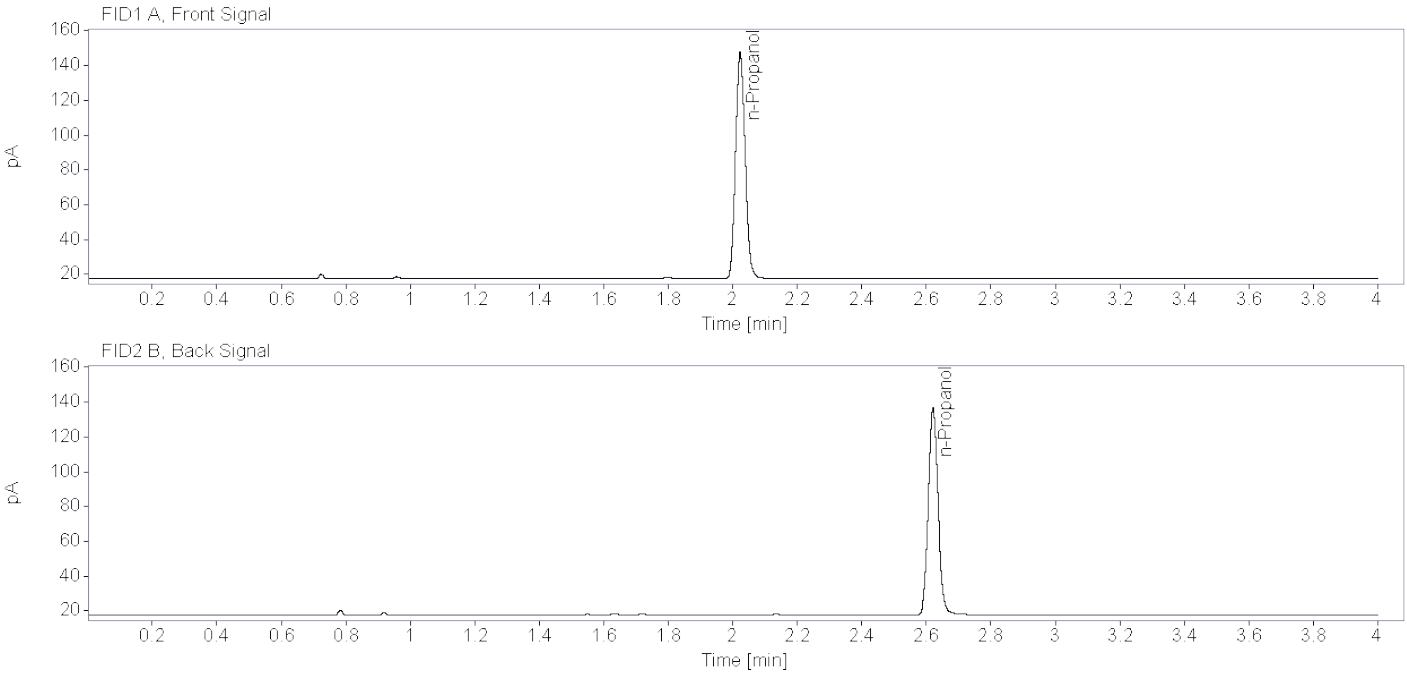
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1098 001 (24-1327) **Description:** Alq 1 **Sample Barcode** 24-1327 **Vial Number:** 27
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:18:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\027F2701.D



Name FID1A

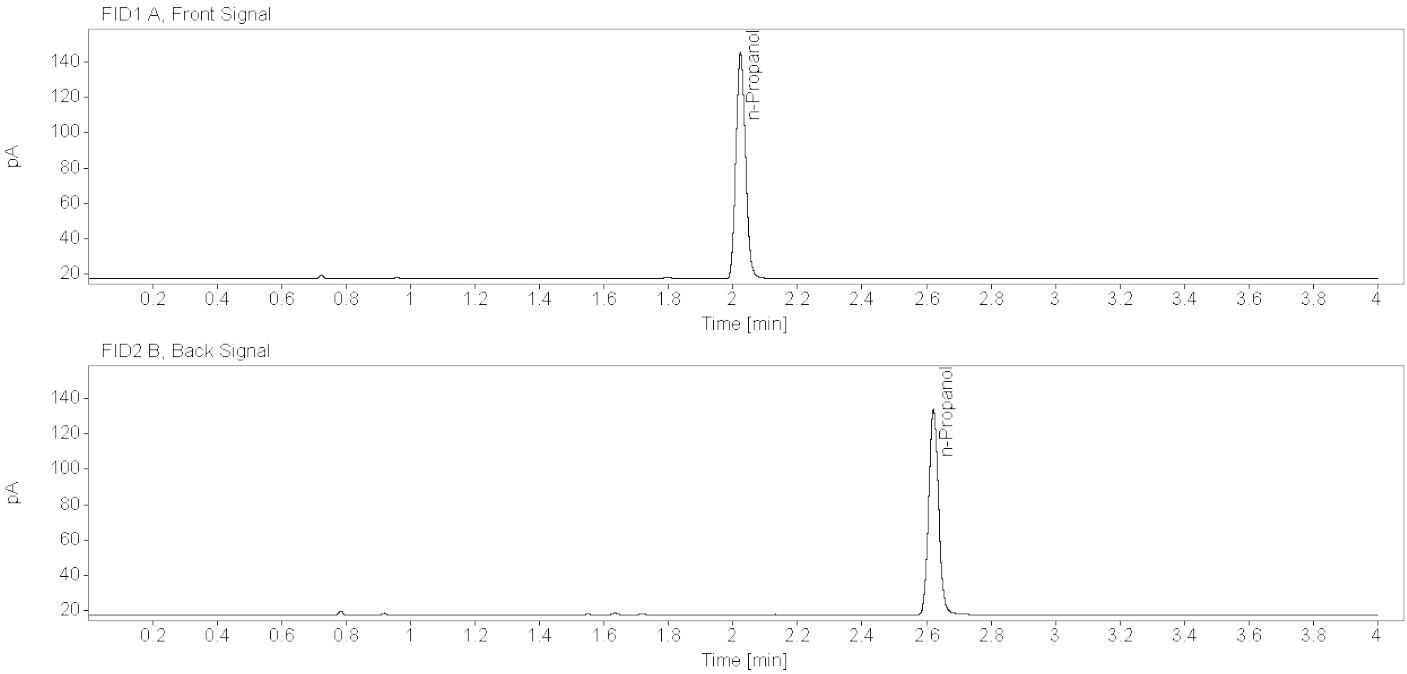
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86743	2.023	2.023	267.7541	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90835	2.621	2.621	250.9759	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1098 001 (24-1361) **Description:** Alq 2 **Sample Barcode** 24-1361 **Vial Number:** 61
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:15:44 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87537	2.023	2.023	261.6438	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90424	2.622	2.621	246.1275	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1124 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1826	Aliquot 1:	0.1824
	Aliquot 2:	0.1850	Aliquot 2:	0.1847

Reported Result: **0.183** **g/100 mL**

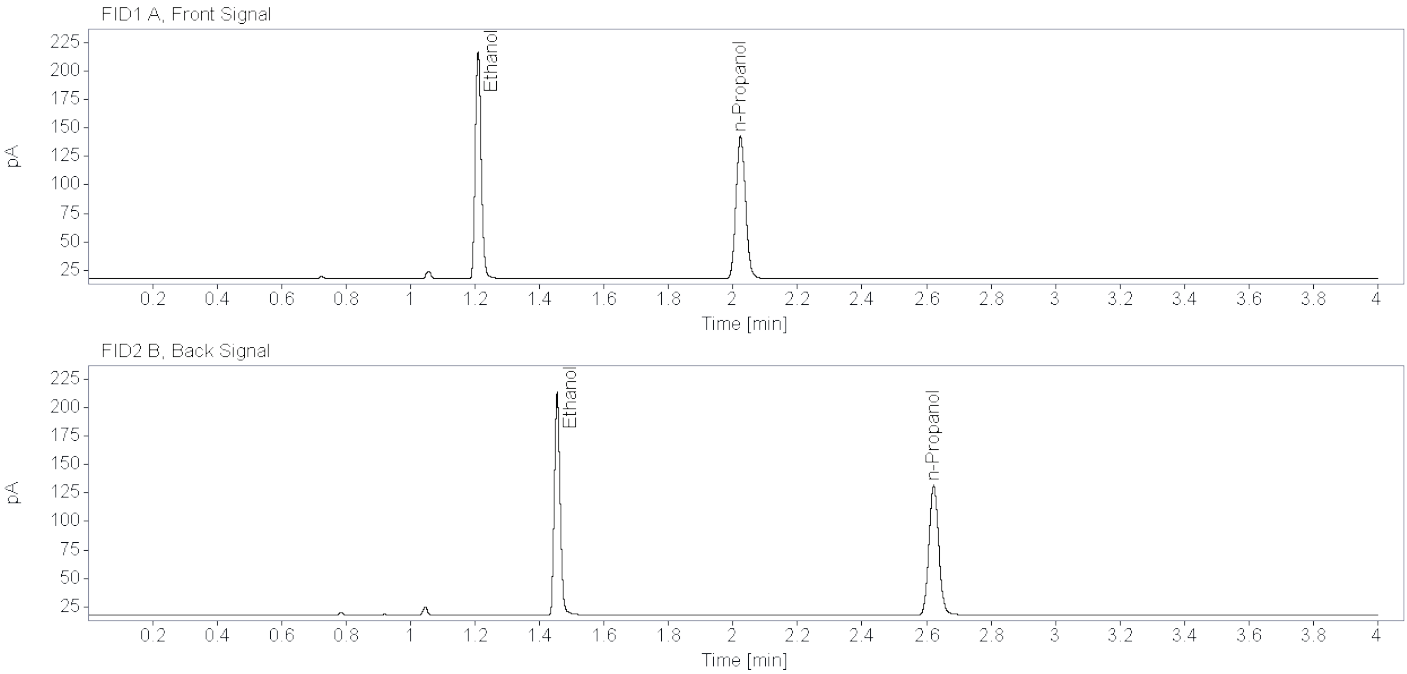
Reported UM: **0.026** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1124 001 (24-1328) **Description:** Alq 1 **Sample Barcode** 24-1328 **Vial Number:** 28
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:22:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\028F2801.D



Name FID1A

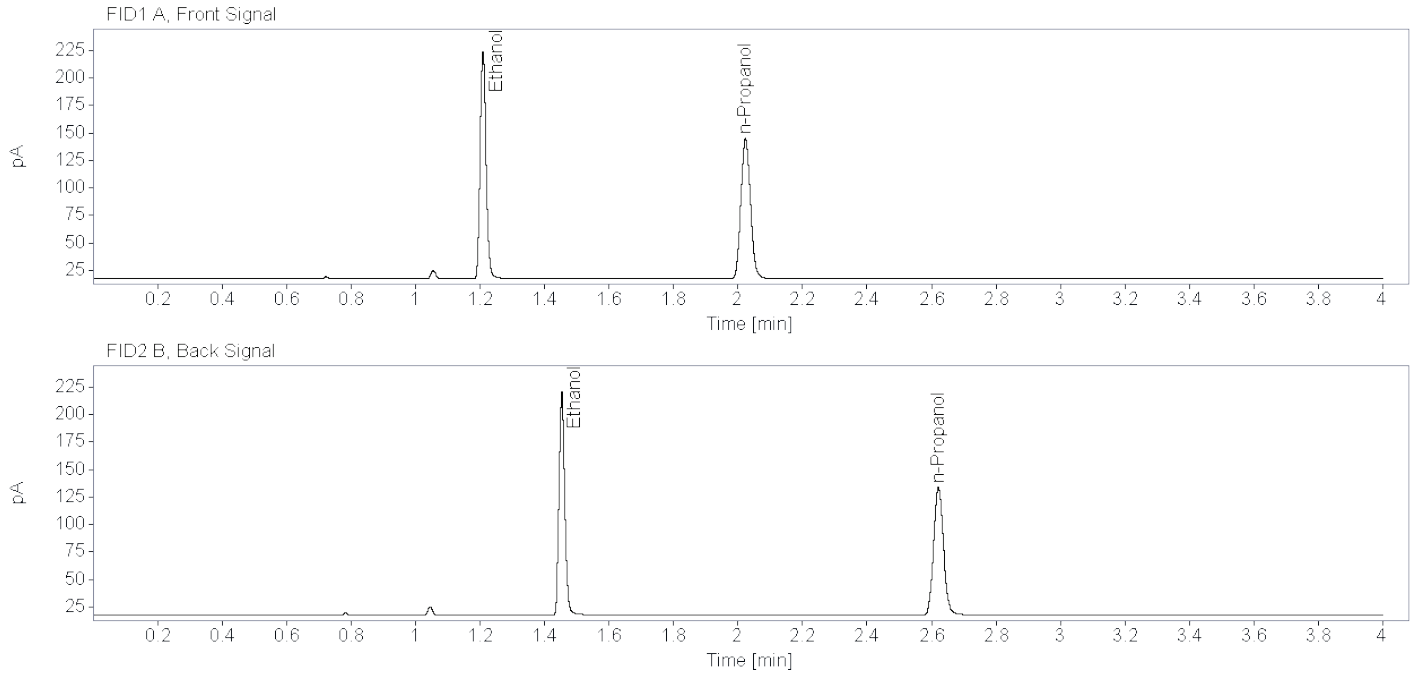
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84759	1.210	1.209	258.7659	0.1826
n-Propanol	0.87049	2.023	2.023	256.4704	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85148	1.455	1.453	244.0882	0.1824
n-Propanol	0.90838	2.622	2.621	240.1011	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1124 001 (24-1360) **Description:** Alq 2 **Sample Barcode** 24-1360 **Vial Number:** 60
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:10:11 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83915	1.209	1.209	267.6125	0.1850
n-Propanol	0.87470	2.023	2.023	261.8225	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85378	1.454	1.453	253.3029	0.1847
n-Propanol	0.90794	2.621	2.621	245.9343	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1245 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1158	Aliquot 1:	0.1160
	Aliquot 2:	0.1150	Aliquot 2:	0.1143

Reported Result: **0.115** **g/100 mL**

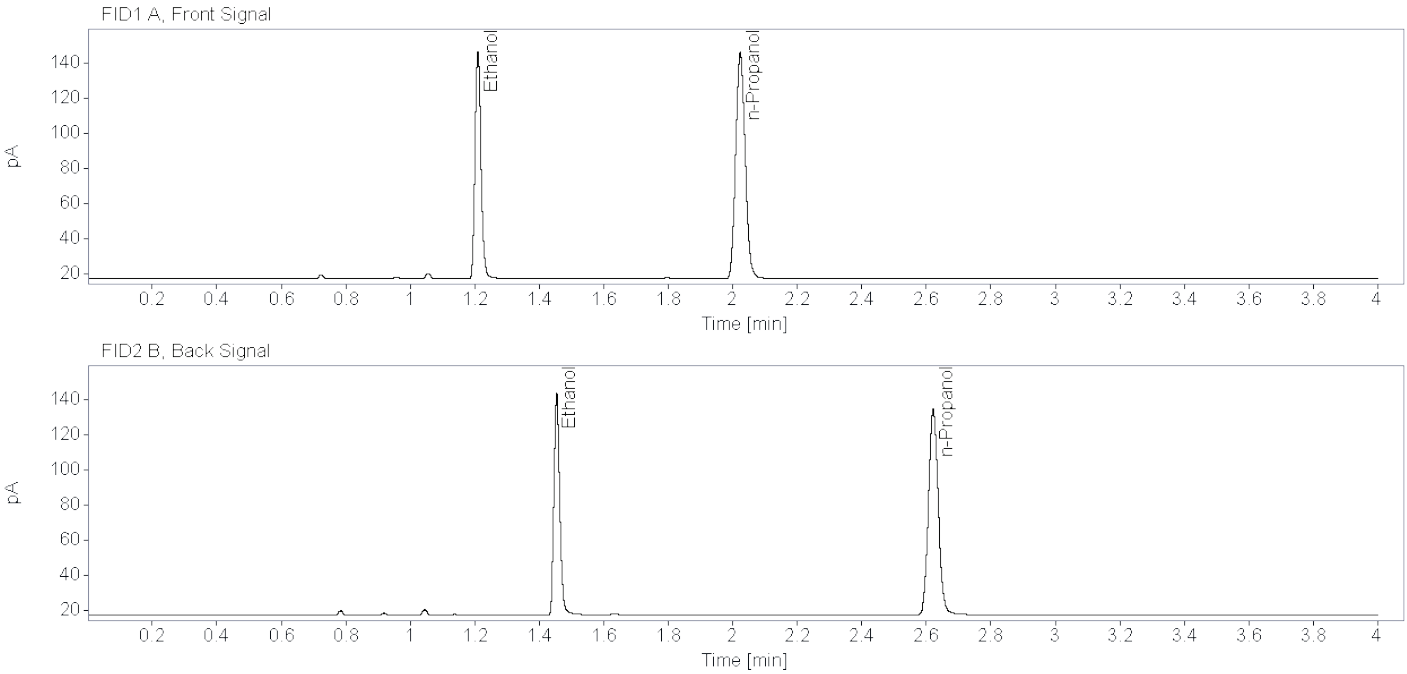
Reported UM: **0.017** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1245 001 (24-1329) **Description:** Alq 1 **Sample Barcode** 24-1329 **Vial Number:** 29
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:28:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\029F2901.D



Name FID1A

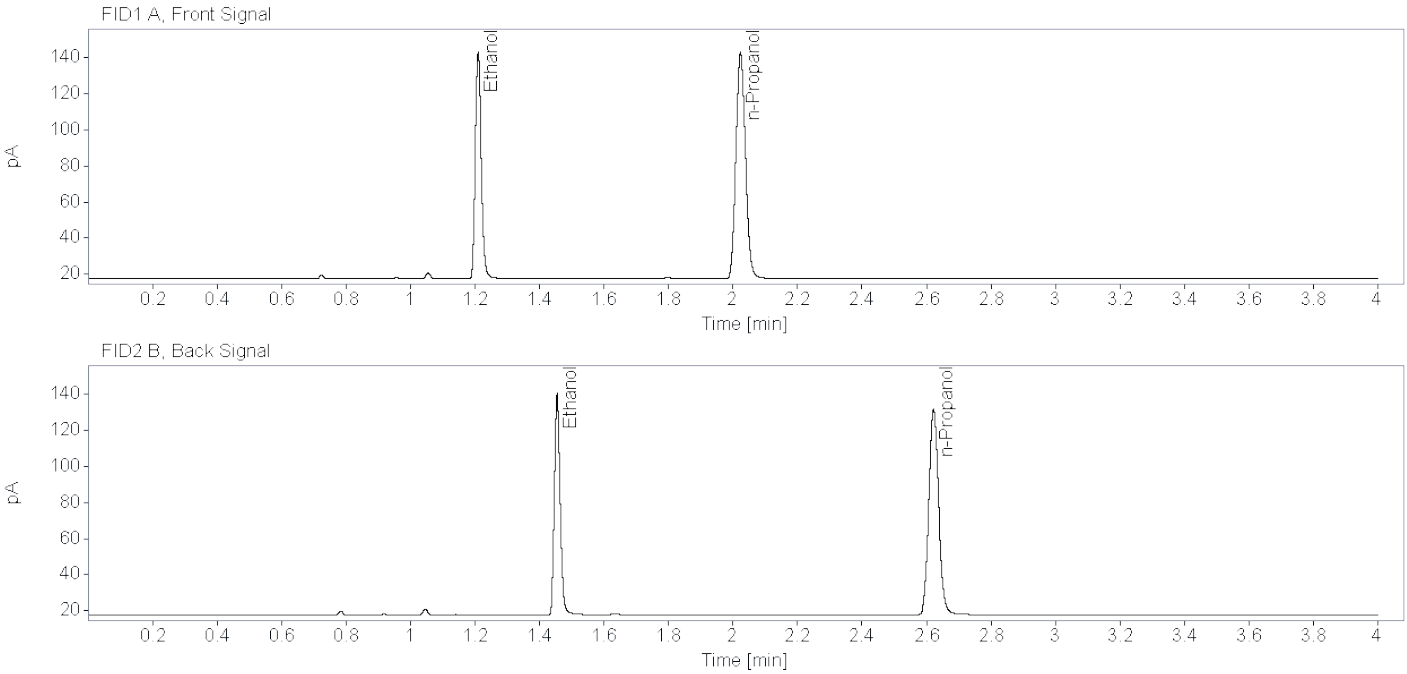
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82482	1.210	1.209	168.2011	0.1158
n-Propanol	0.87039	2.023	2.023	263.4539	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82501	1.454	1.453	159.0022	0.1160
n-Propanol	0.90135	2.622	2.621	246.6176	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1245 001 (24-1359) **Description:** Alq 2 **Sample Barcode** 24-1359 **Vial Number:** 59
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 5:05:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82888	1.210	1.209	162.9964	0.1150
n-Propanol	0.86962	2.023	2.023	257.1010	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82591	1.455	1.453	153.4930	0.1143
n-Propanol	0.90495	2.622	2.621	241.5800	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1256 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: none detected

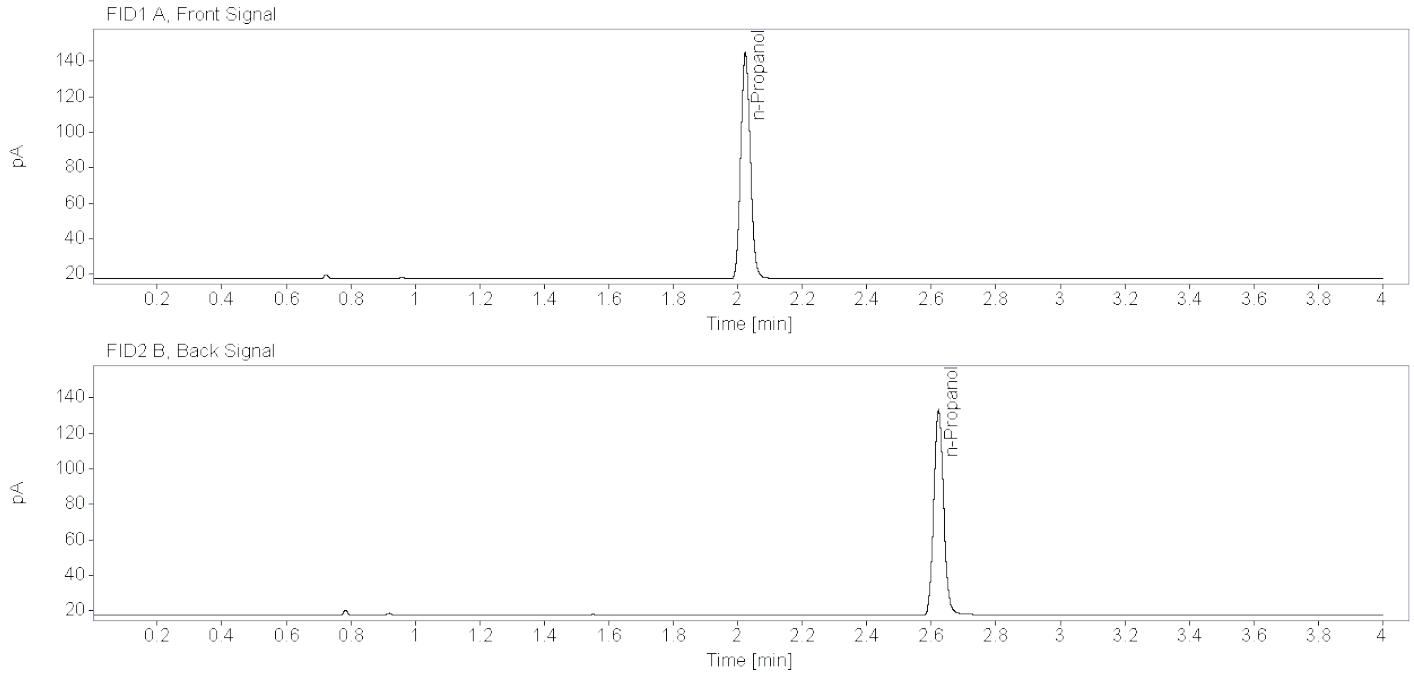
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1256 001 (24-1330) **Description:** Alq 1 **Sample Barcode** 24-1330 **Vial Number:** 30
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:33:20 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\030F3001.D



Name FID1A

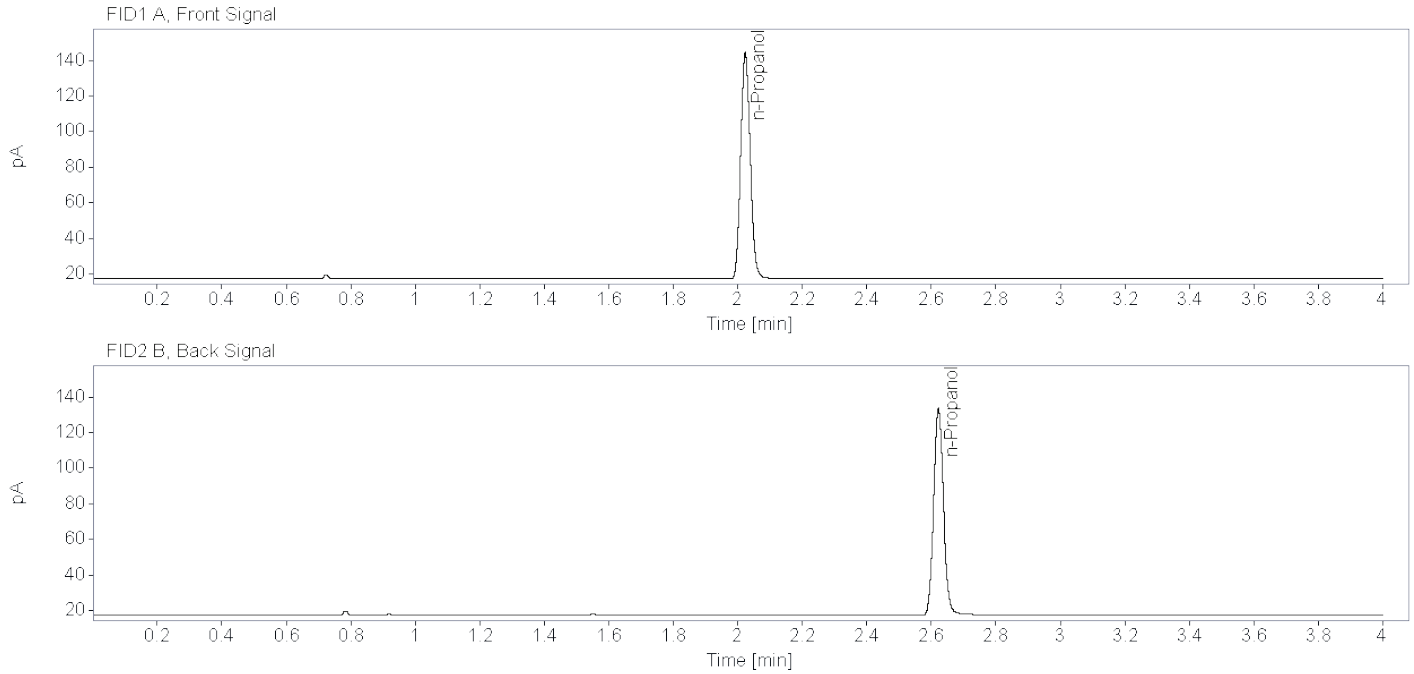
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87347	2.024	2.023	260.5138	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90538	2.623	2.621	243.8042	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1256 001 (24-1358) **Description:** Alq 2 **Sample Barcode** 24-1358 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:59:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86347	2.023	2.023	259.9092	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90428	2.622	2.621	243.9539	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1283 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1781	Aliquot 1:	0.1778
	Aliquot 2:	0.1798	Aliquot 2:	0.1788

Reported Result: **0.178** **g/100 mL**

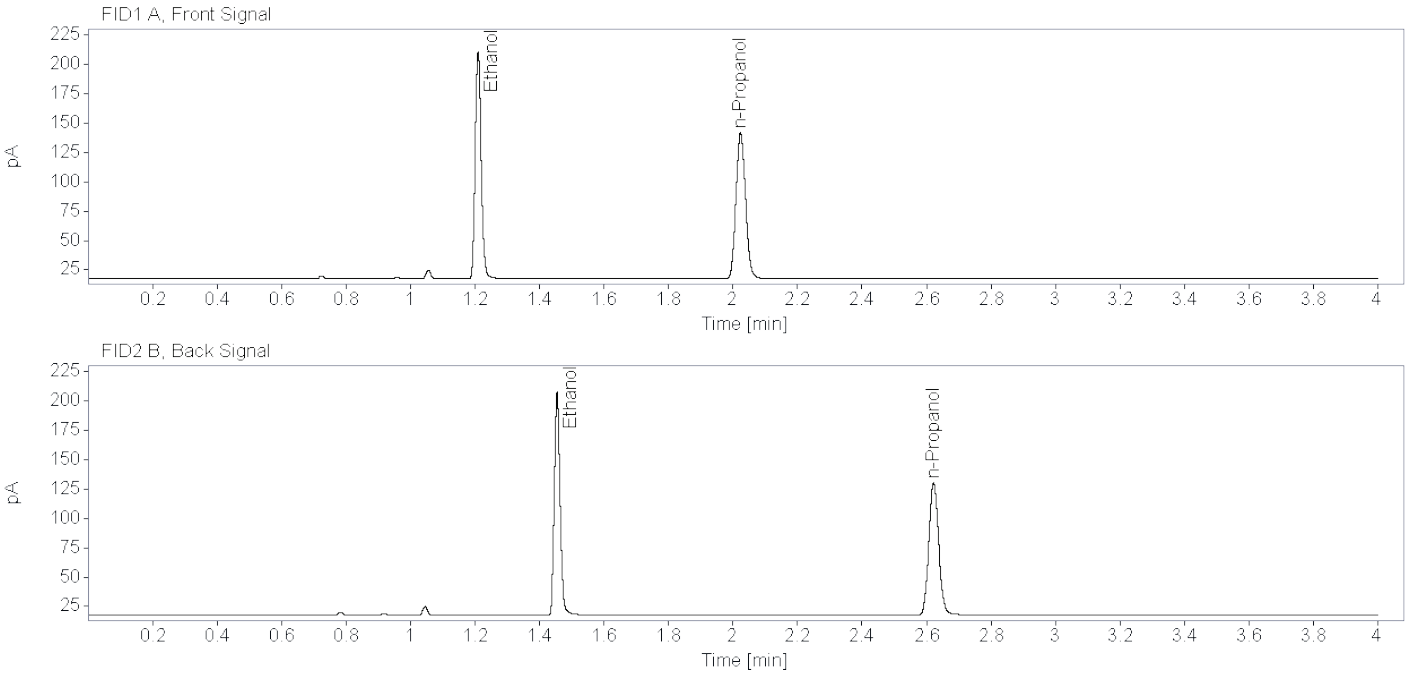
Reported UM: **0.026** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1283 001 (24-1331) **Description:** Alq 1 **Sample Barcode** 24-1331 **Vial Number:** 31
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:39:01 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\031F3101.D



Name FID1A

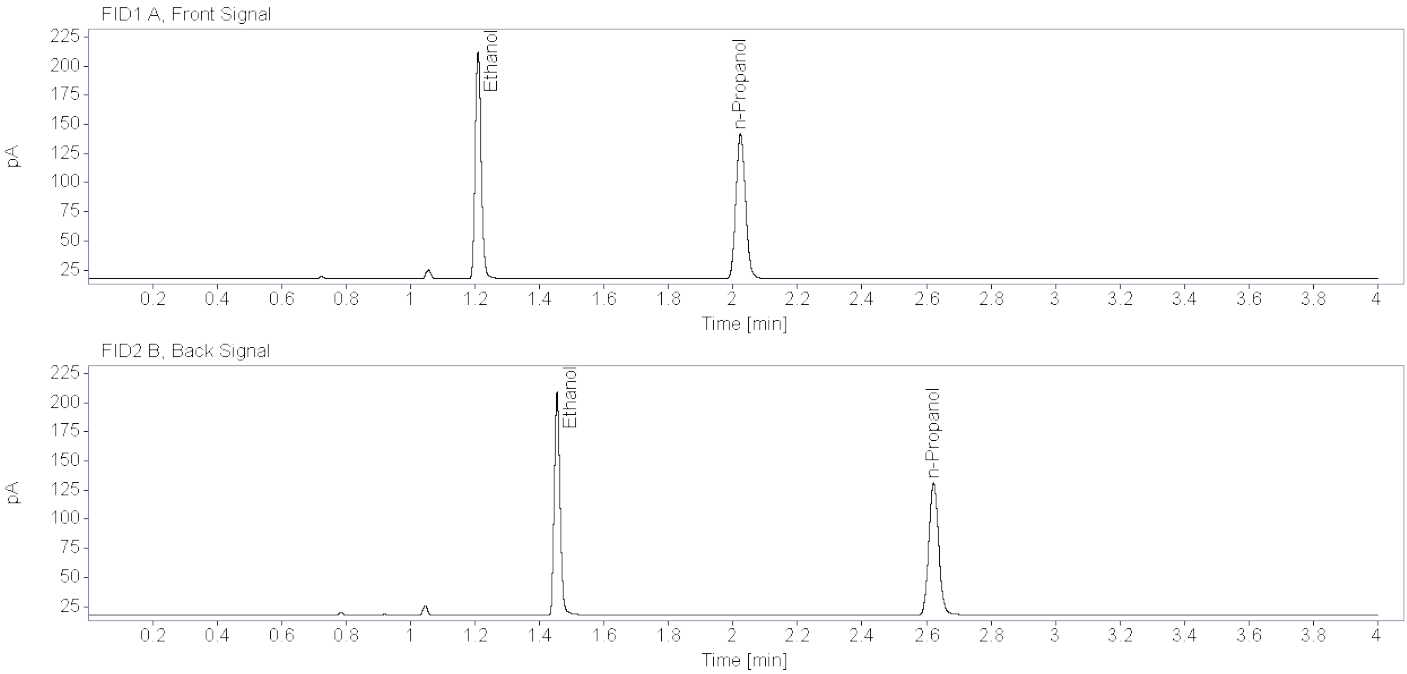
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84406	1.209	1.209	251.0624	0.1781
n-Propanol	0.87014	2.023	2.023	255.1682	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84945	1.455	1.453	236.8398	0.1778
n-Propanol	0.90230	2.622	2.621	239.0055	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1283 001 (24-1357) **Description:** Alq 2 **Sample Barcode** 24-1357 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:54:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84184	1.209	1.209	253.0188	0.1798
n-Propanol	0.86750	2.023	2.023	254.7530	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84827	1.454	1.453	238.7411	0.1788
n-Propanol	0.90647	2.622	2.621	239.4955	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1334 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2046	Aliquot 1:	0.2044
	Aliquot 2:	0.2024	Aliquot 2:	0.2017

Reported Result: 0.203 g/100 mL

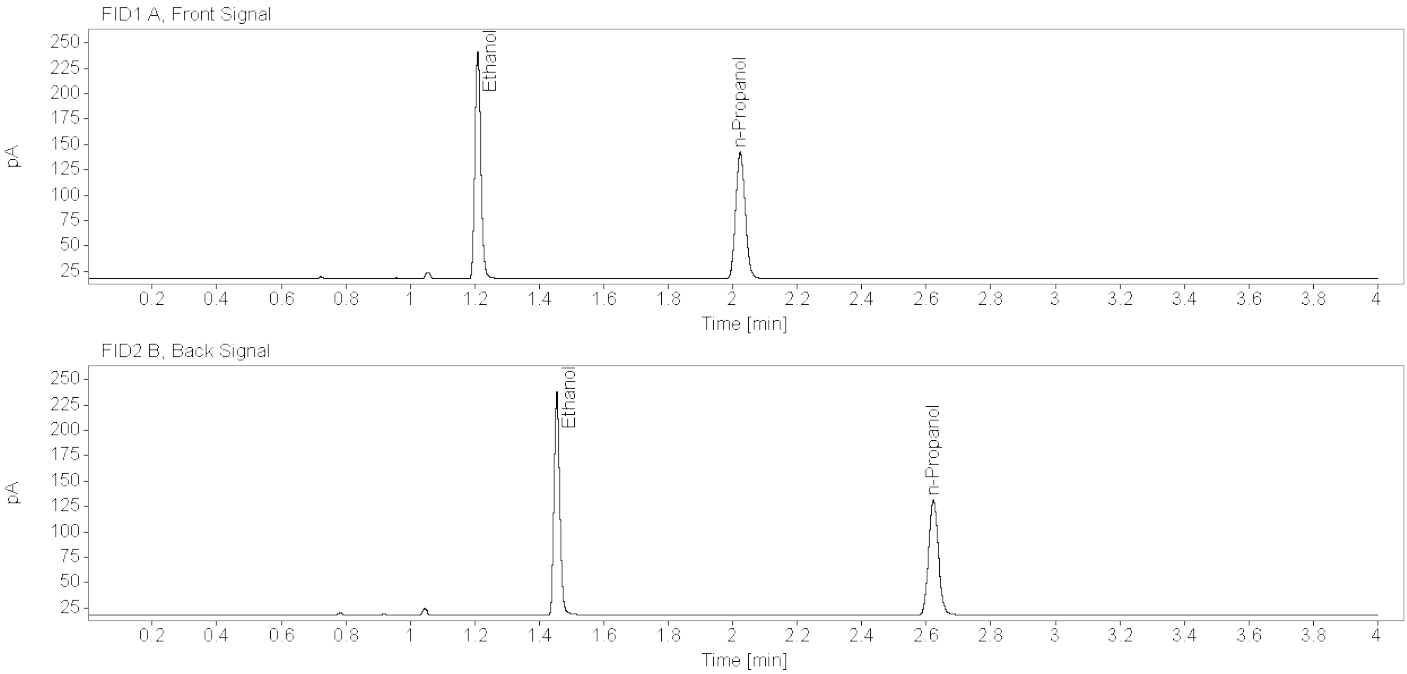
Reported UM: 0.029 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1334 001 (24-1332) **Description:** Alq 1 **Sample Barcode** 24-1332 **Vial Number:** 32
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:43:44 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\032F3201.D



Name FID1A

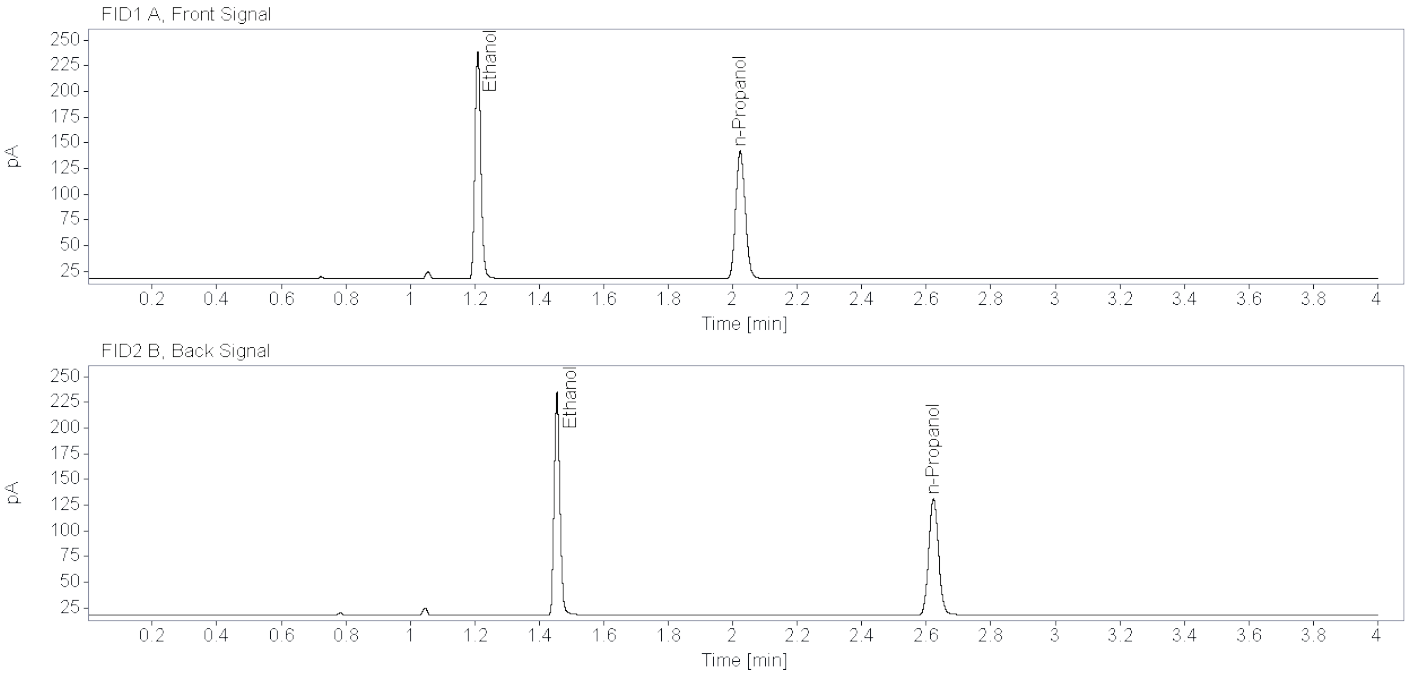
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85928	1.209	1.209	289.0278	0.2046
n-Propanol	0.87232	2.023	2.023	255.6565	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85101	1.455	1.453	272.9719	0.2044
n-Propanol	0.90287	2.622	2.621	239.4126	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1334 001 (24-1356) **Description:** Alq 2 **Sample Barcode** 24-1356 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:49:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86122	1.209	1.209	285.0289	0.2024
n-Propanol	0.86401	2.023	2.023	254.7529	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85609	1.455	1.453	269.1671	0.2017
n-Propanol	0.90469	2.622	2.621	239.2945	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1349 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

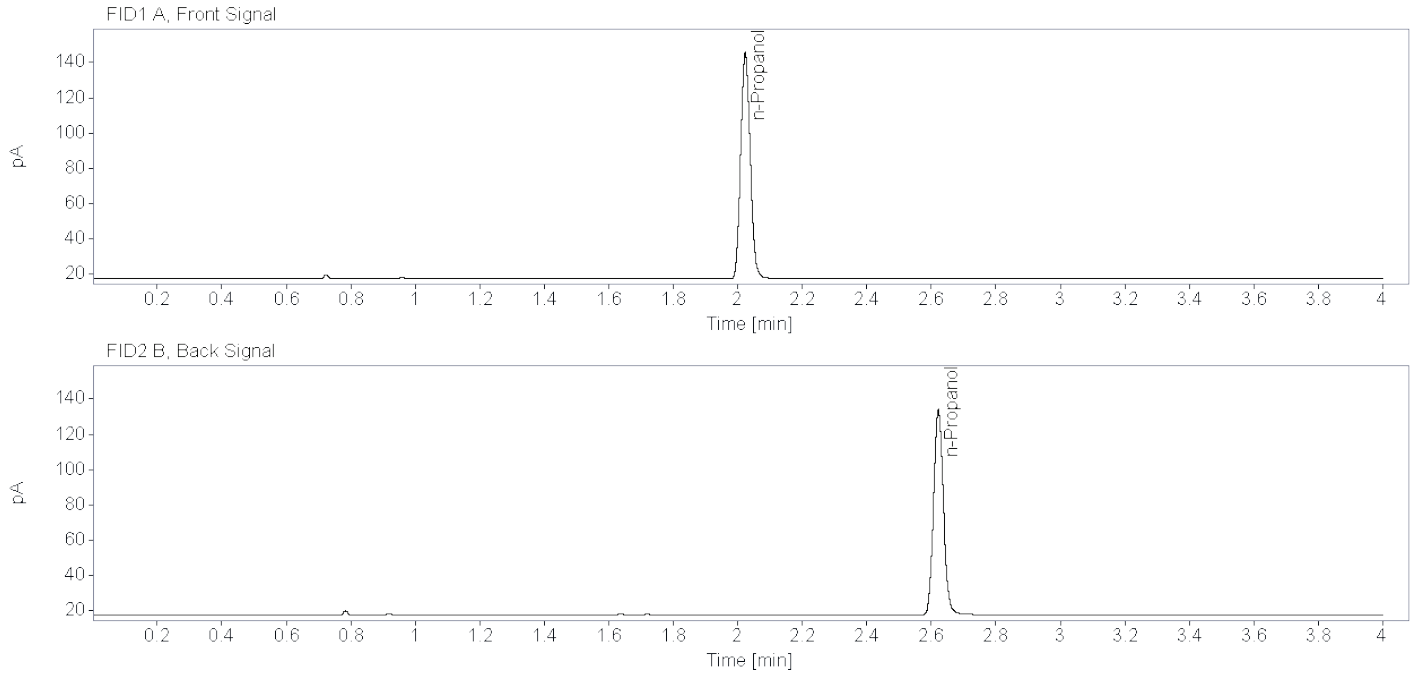
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1349 001 (24-1334) **Description:** Alq 1 **Sample Barcode** 24-1334 **Vial Number:** 34
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:54:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\034F3401.D



Name FID1A

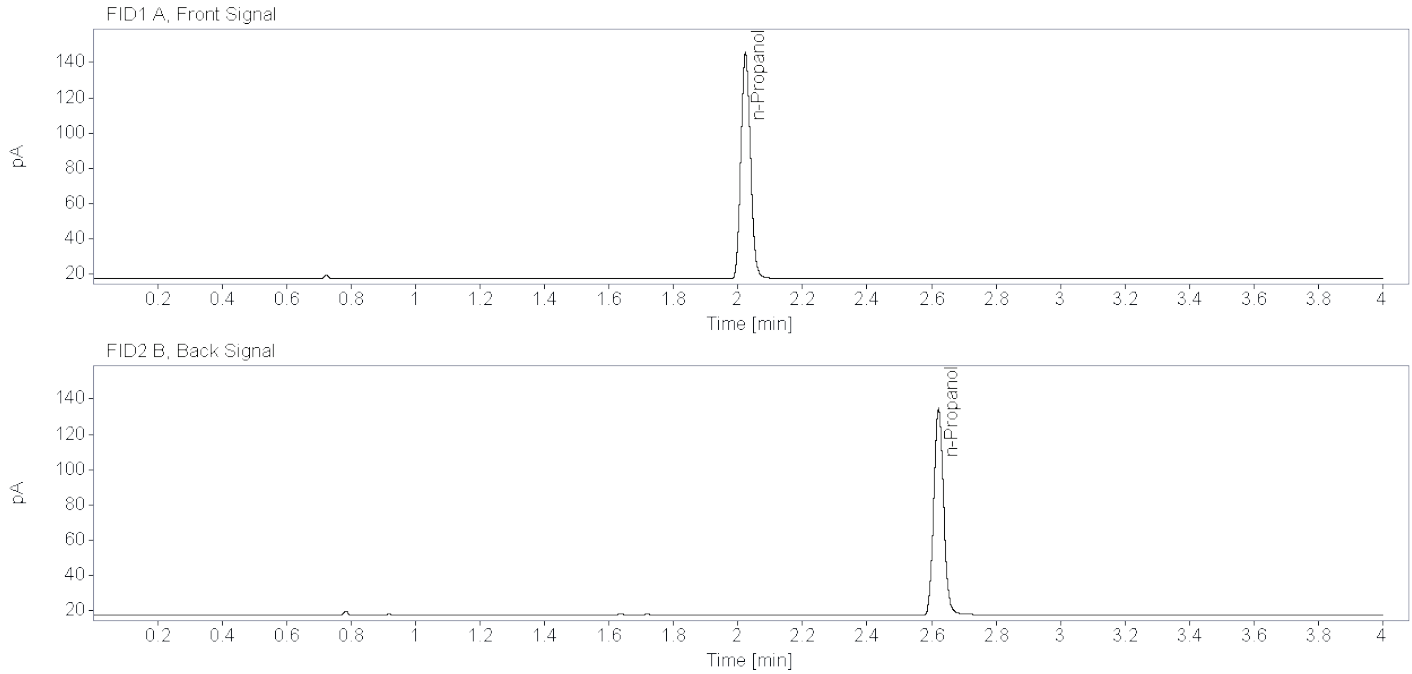
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86688	2.023	2.023	262.6707	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90409	2.622	2.621	246.0286	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1349 001 (24-1354) **Description:** Alq 2 **Sample Barcode** 24-1354 **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:39:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86936	2.023	2.023	262.7186	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.91019	2.622	2.621	246.6988	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-22-1350 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0000	Aliquot 1:	0.0000
	Aliquot 2:	0.0000	Aliquot 2:	0.0000

Reported Result: **none detected**

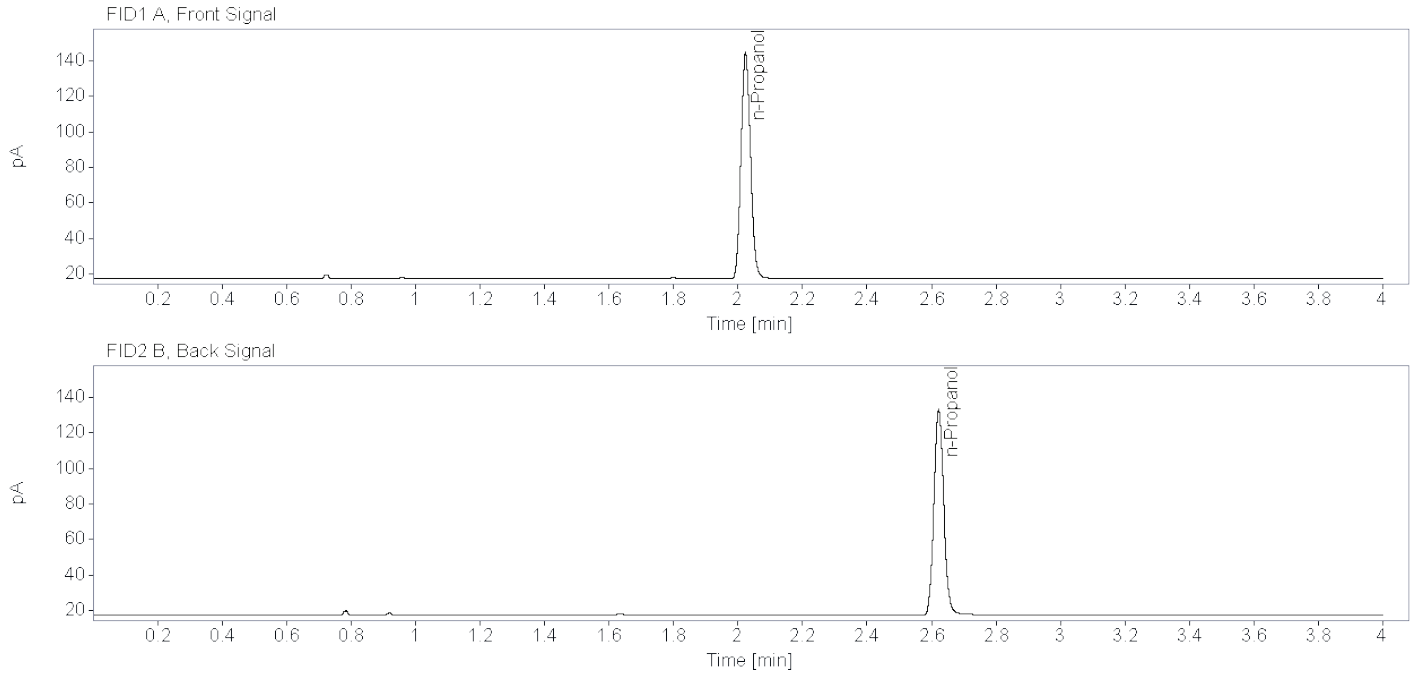
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1350 001 (24-1335) **Description:** Alq 1 **Sample Barcode** 24-1335 **Vial Number:** 35
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 2:59:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\035F3501.D



Name FID1A

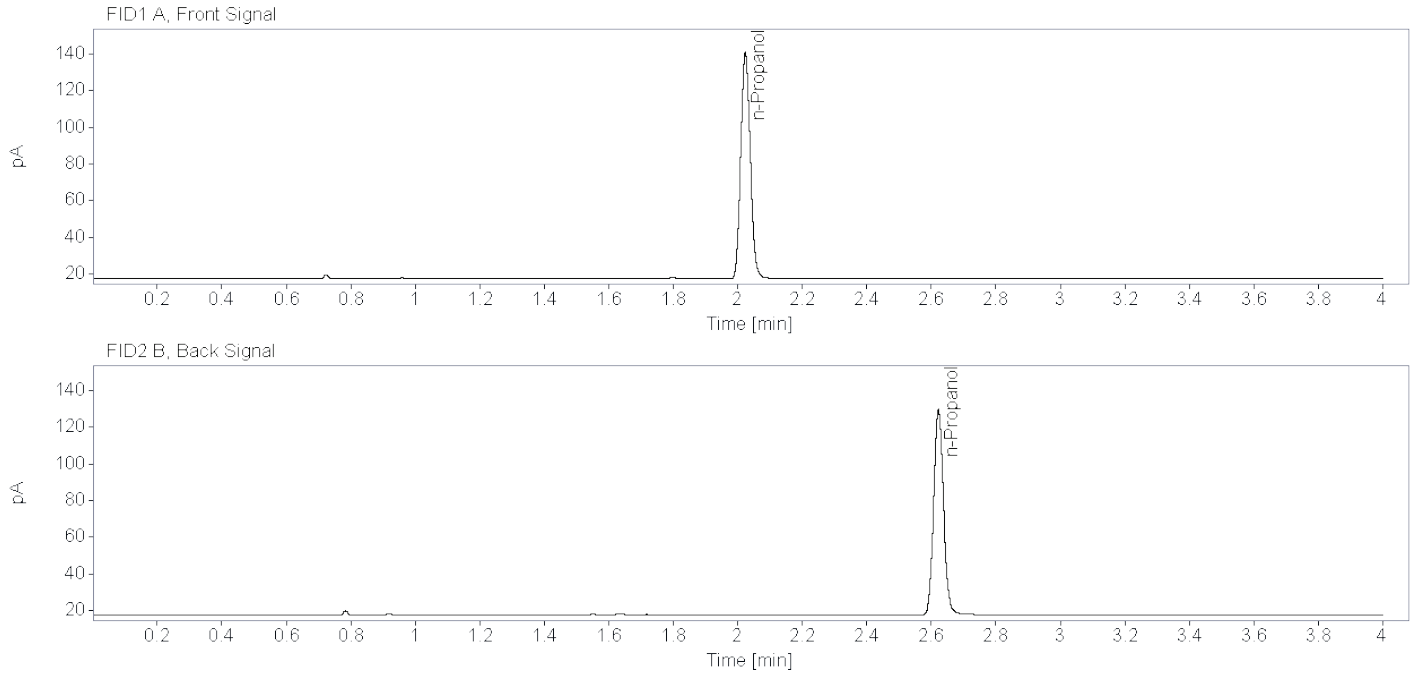
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87326	2.023	2.023	259.7646	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90128	2.622	2.621	243.2308	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-22-1350 001 (24-1353) **Description:** Alq 2 **Sample Barcode** 24-1353 **Vial Number:** 53
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:34:08 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87050	2.023	2.023	252.5035	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90250	2.622	2.621	236.9415	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1011 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1476	Aliquot 1:	0.1469
	Aliquot 2:	0.1463	Aliquot 2:	0.1456

Reported Result: **0.146** **g/100 mL**

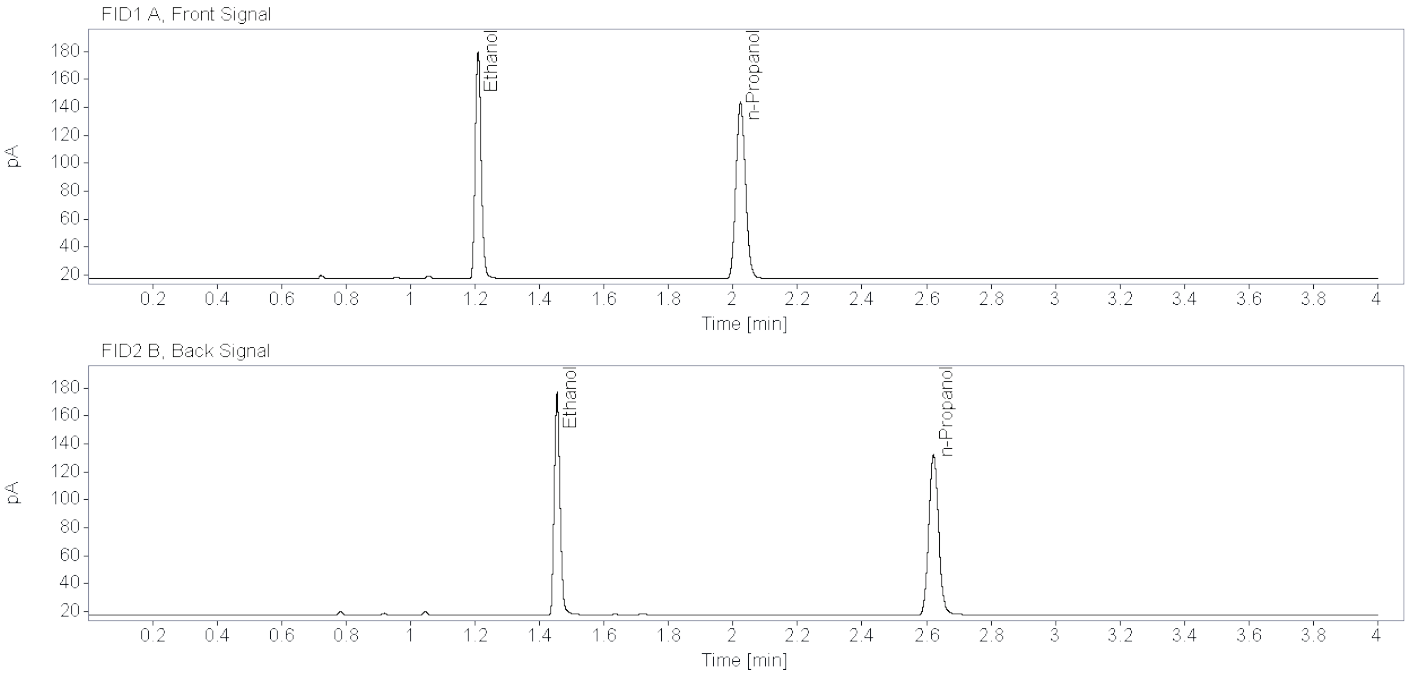
Reported UM: **0.021** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1011 001 (24-1336) **Description:** Alq 1 **Sample Barcode** 24-1336 **Vial Number:** 36
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:04:32 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\036F3601.D



Name FID1A

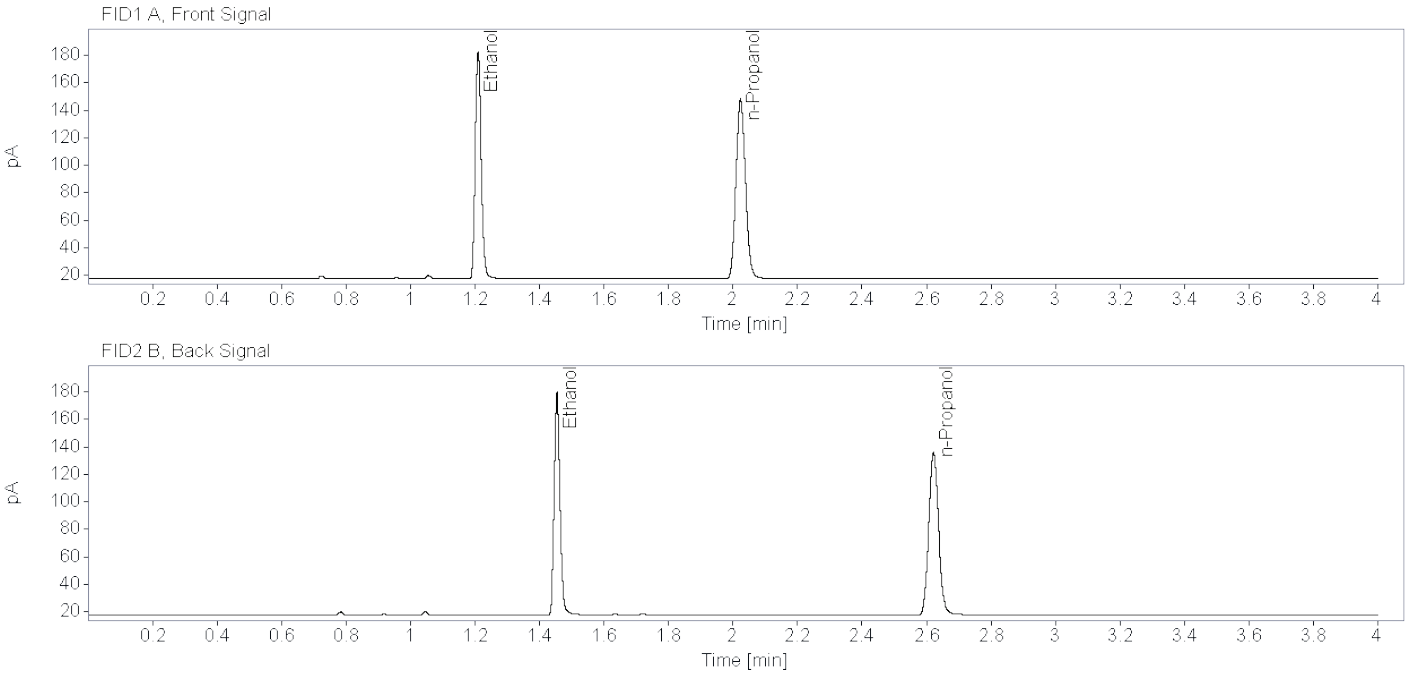
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83452	1.210	1.209	210.5448	0.1476
n-Propanol	0.87229	2.023	2.023	258.4888	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83836	1.454	1.453	198.3615	0.1469
n-Propanol	0.90582	2.622	2.621	242.4509	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1011 001 (24-1352) **Description:** Alq 2 **Sample Barcode** 24-1352 **Vial Number:** 52
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:28:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83779	1.210	1.209	214.9600	0.1463
n-Propanol	0.87507	2.023	2.023	266.1822	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83725	1.454	1.453	202.7371	0.1456
n-Propanol	0.91117	2.622	2.621	250.1347	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1012 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0972	Aliquot 1:	0.0970
	Aliquot 2:	0.0926	Aliquot 2:	0.0920

Reported Result: **0.094** **g/100 mL**

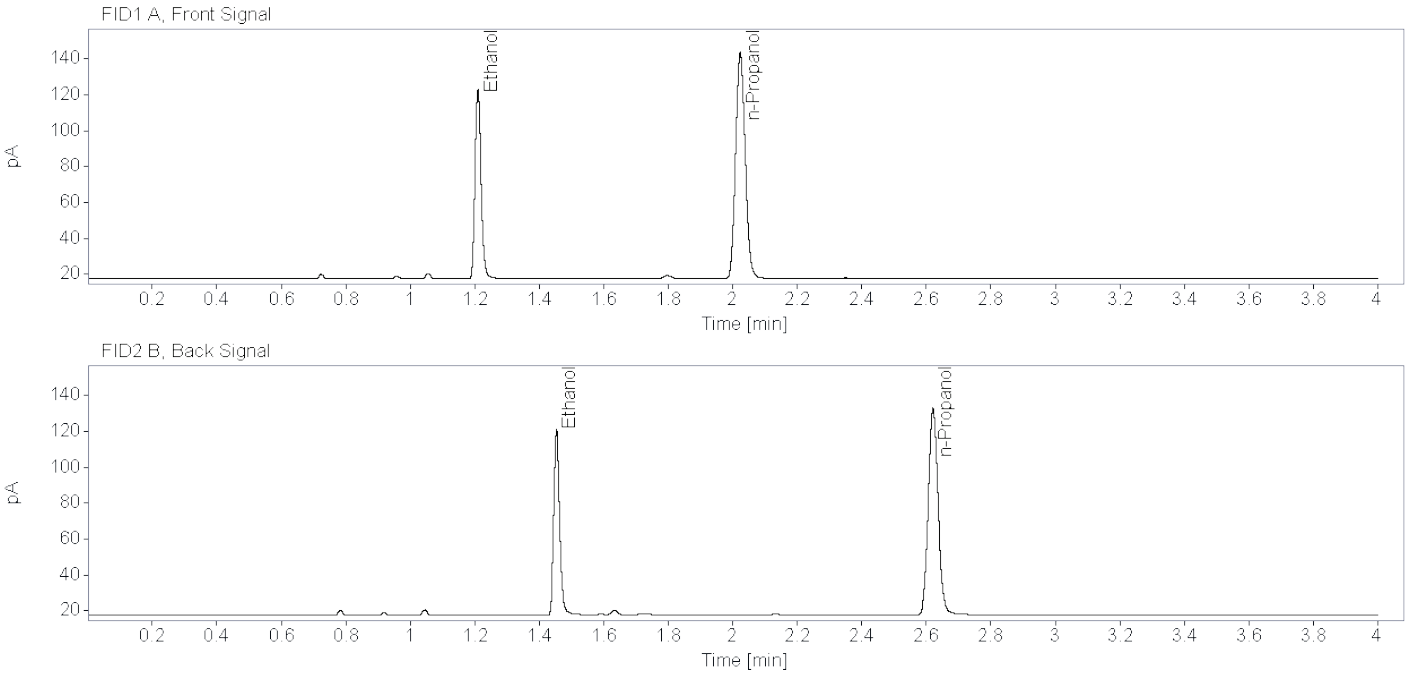
Reported UM: **0.014** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1012 001 (24-1337) **Description:** Alq 1 **Sample Barcode** 24-1337 **Vial Number:** 37
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:10:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\037F3701.D



Name FID1A

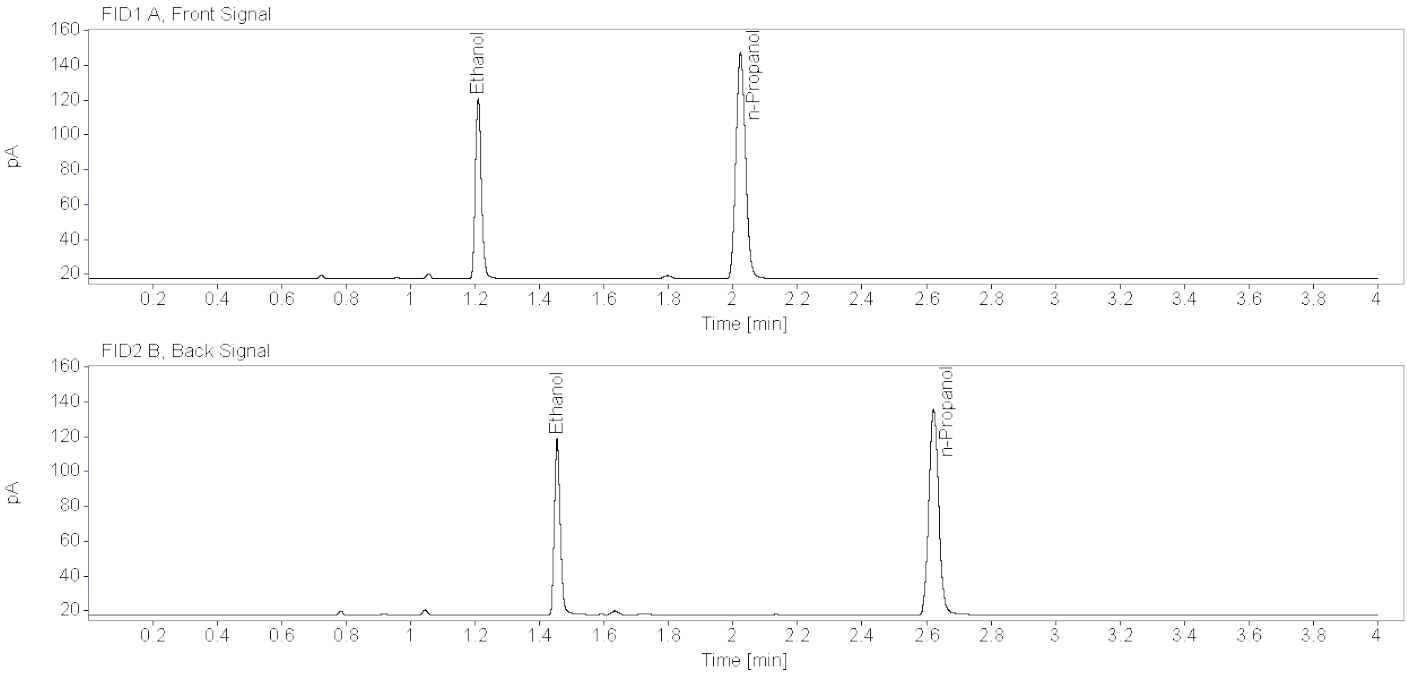
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81854	1.210	1.209	138.9847	0.0972
n-Propanol	0.87098	2.023	2.023	259.6613	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80820	1.454	1.453	131.0827	0.0970
n-Propanol	0.90839	2.621	2.621	243.3556	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1012 001 (24-1351) **Description:** Alq 2 **Sample Barcode** 24-1351 **Vial Number:** 51
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:23:48 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82979	1.210	1.209	135.4022	0.0926
n-Propanol	0.86672	2.023	2.023	265.8466	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81930	1.455	1.453	127.3152	0.0920
n-Propanol	0.91316	2.622	2.621	249.5701	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1013 007

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1333	Aliquot 1:	0.1332
	Aliquot 2:	0.1371	Aliquot 2:	0.1365

Reported Result: **0.135** **g/100 mL**

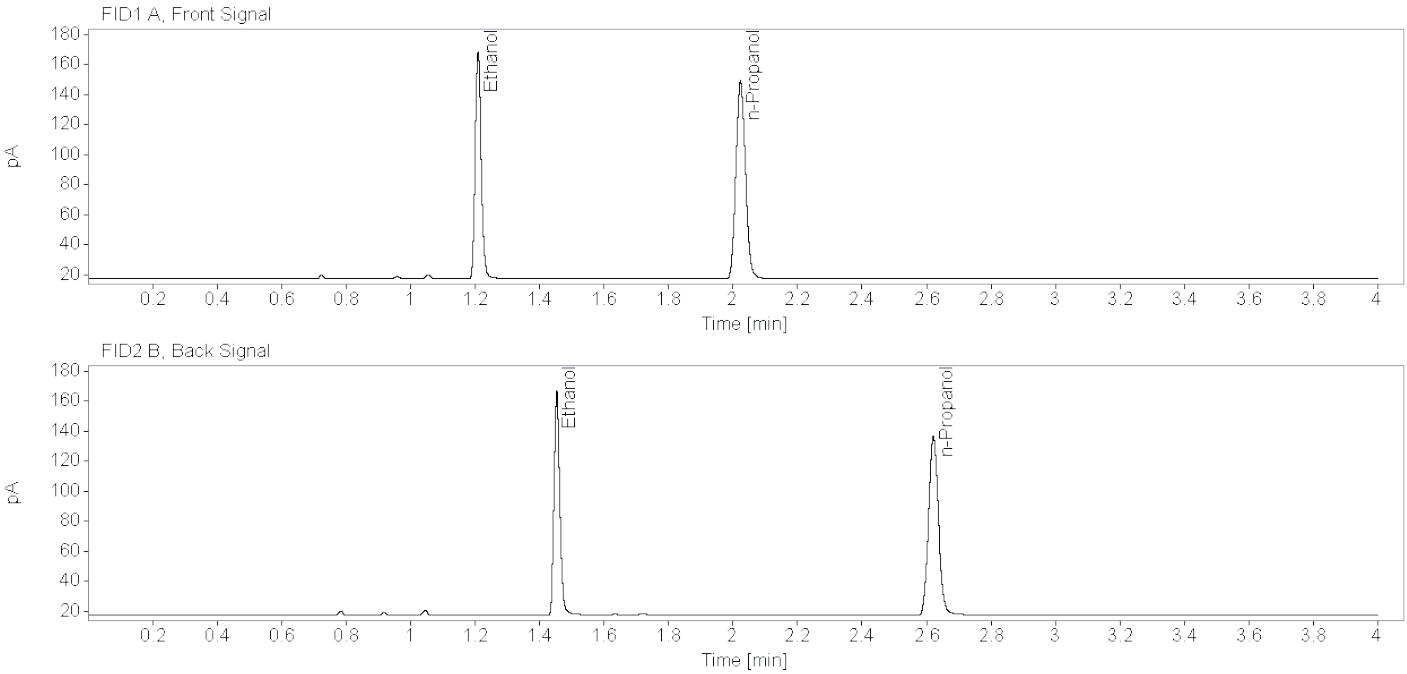
Reported UM: **0.019** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1013 007 (24-1338) **Description:** Alq 1 **Sample Barcode** 24-1338 **Vial Number:** 38
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:14:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\038F3801.D



Name FID1A

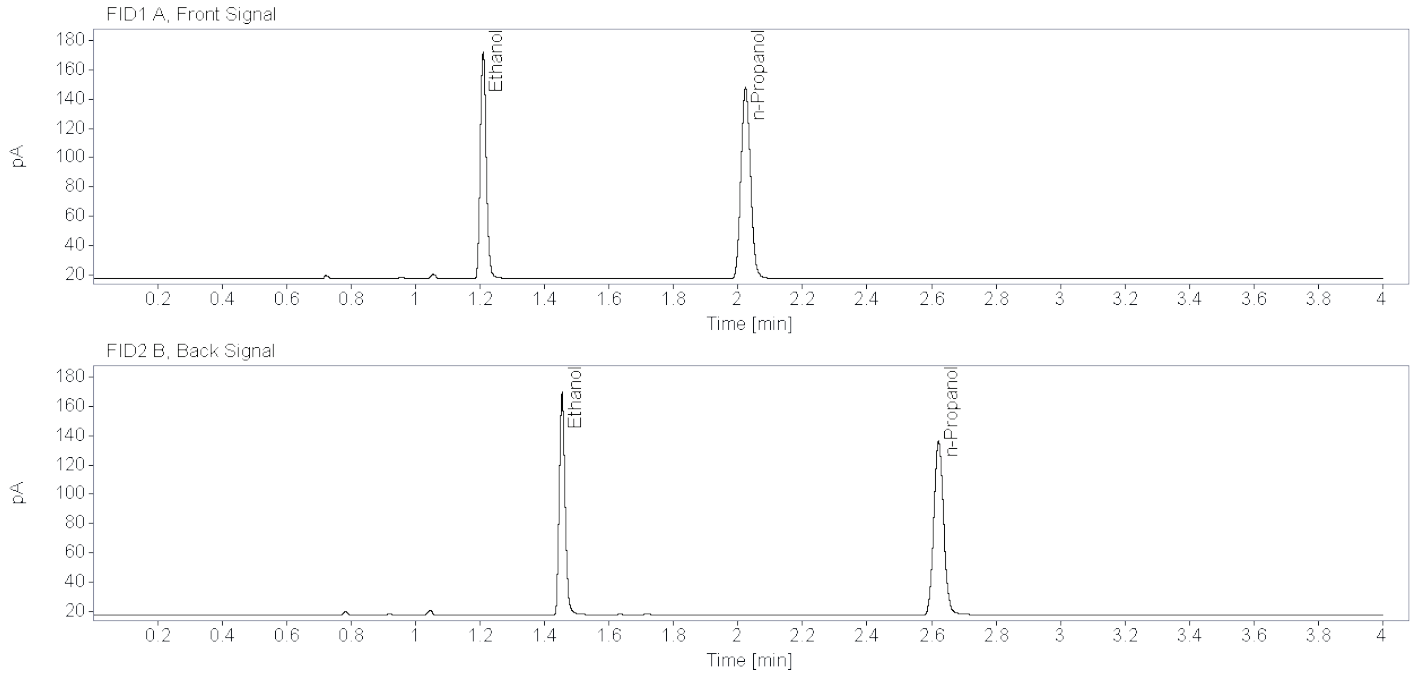
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83092	1.209	1.209	197.8485	0.1333
n-Propanol	0.87205	2.023	2.023	269.1606	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83521	1.454	1.453	187.1171	0.1332
n-Propanol	0.90736	2.621	2.621	252.5545	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1013 007 (24-1350) **Description:** Alq 2 **Sample Barcode** 24-1350 **Vial Number:** 50
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:17:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83951	1.210	1.209	201.3671	0.1371
n-Propanol	0.87732	2.023	2.023	266.1669	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83664	1.454	1.453	189.9428	0.1365
n-Propanol	0.90838	2.622	2.621	250.0661	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1024 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1758	Aliquot 1:	0.1752
	Aliquot 2:	0.1650	Aliquot 2:	0.1646

Reported Result: **0.170** **g/100 mL**

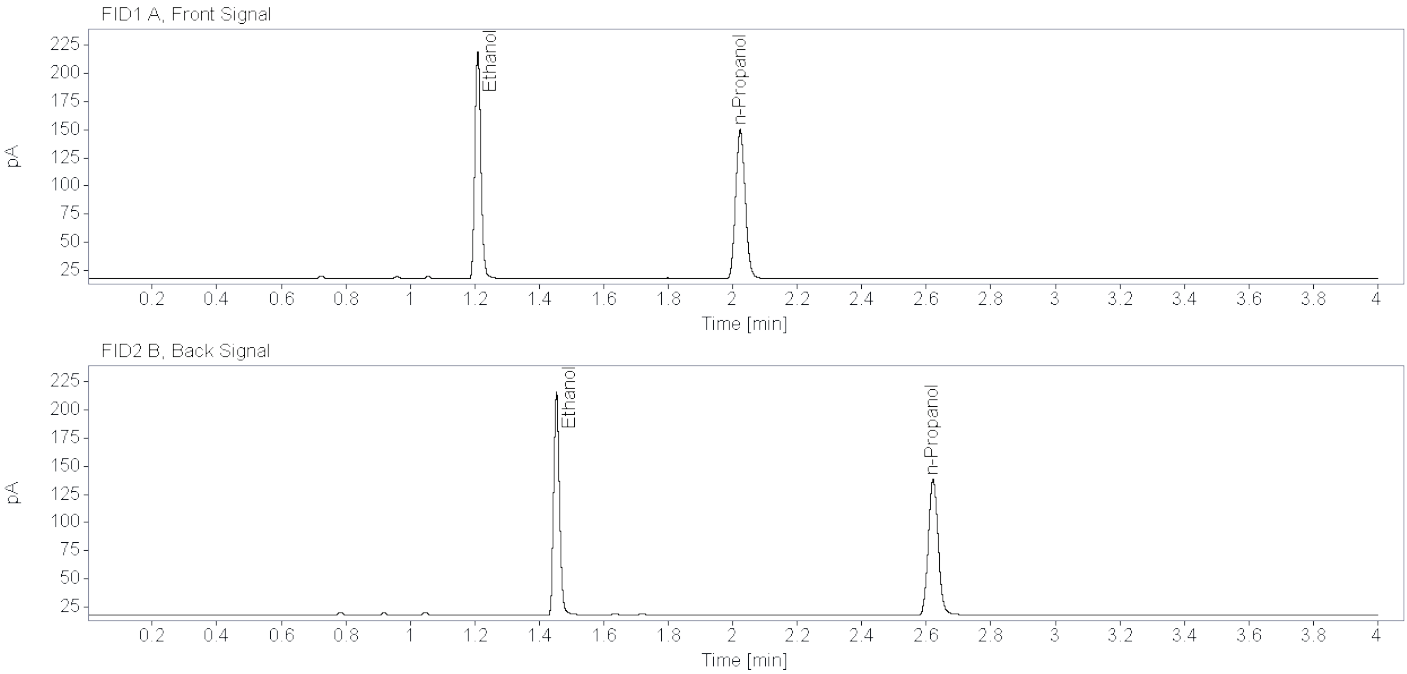
Reported UM: **0.024** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1024 001 (24-1339) **Description:** Alq 1 **Sample Barcode** 24-1339 **Vial Number:** 39
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:20:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\039F3901.D



Name FID1A

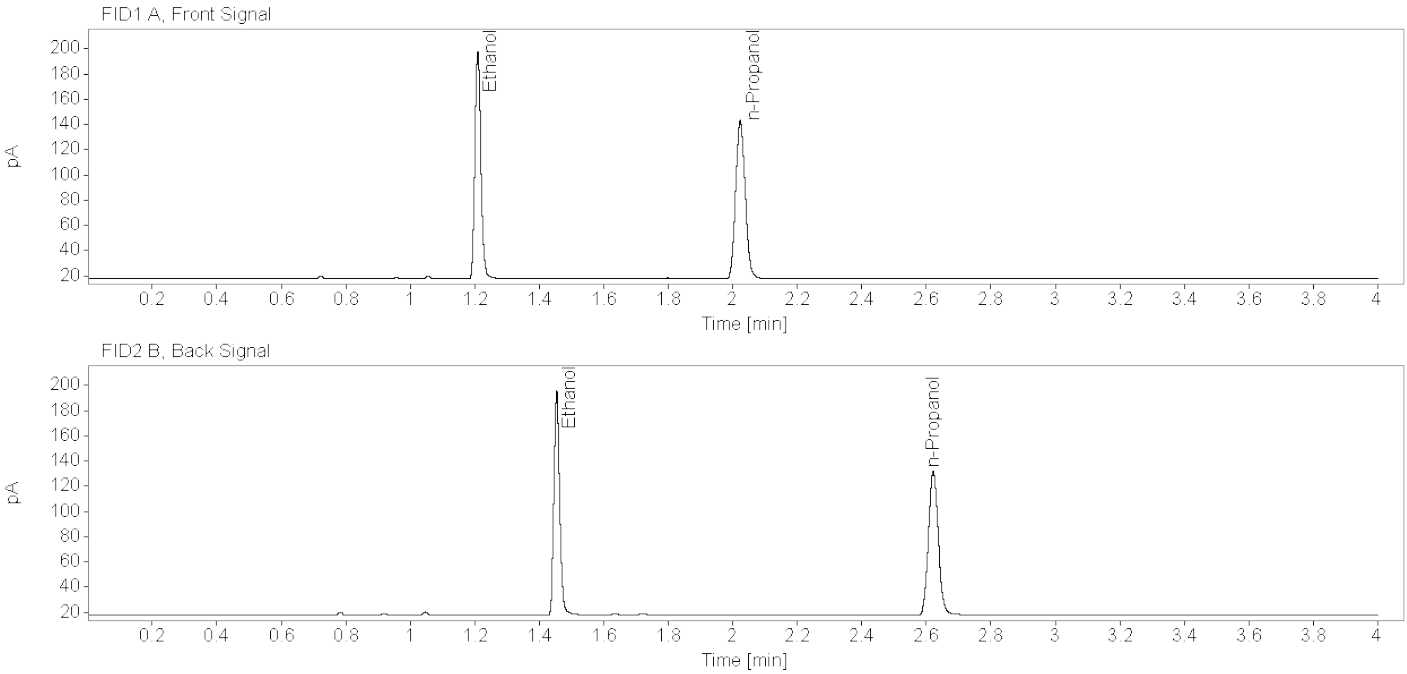
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85469	1.209	1.209	263.8908	0.1758
n-Propanol	0.87180	2.023	2.023	271.7990	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84047	1.454	1.453	249.3190	0.1752
n-Propanol	0.91158	2.621	2.621	255.3202	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1024 001 (24-1349) **Description:** Alq 2 **Sample Barcode** 24-1349 **Vial Number:** 49
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:12:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84861	1.209	1.209	234.6043	0.1650
n-Propanol	0.86777	2.023	2.023	257.5664	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84183	1.454	1.453	222.0454	0.1646
n-Propanol	0.91282	2.622	2.621	242.1246	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1030 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1069	Aliquot 1:	0.1069
	Aliquot 2:	0.0996	Aliquot 2:	0.0995

Reported Result: **0.103** **g/100 mL**

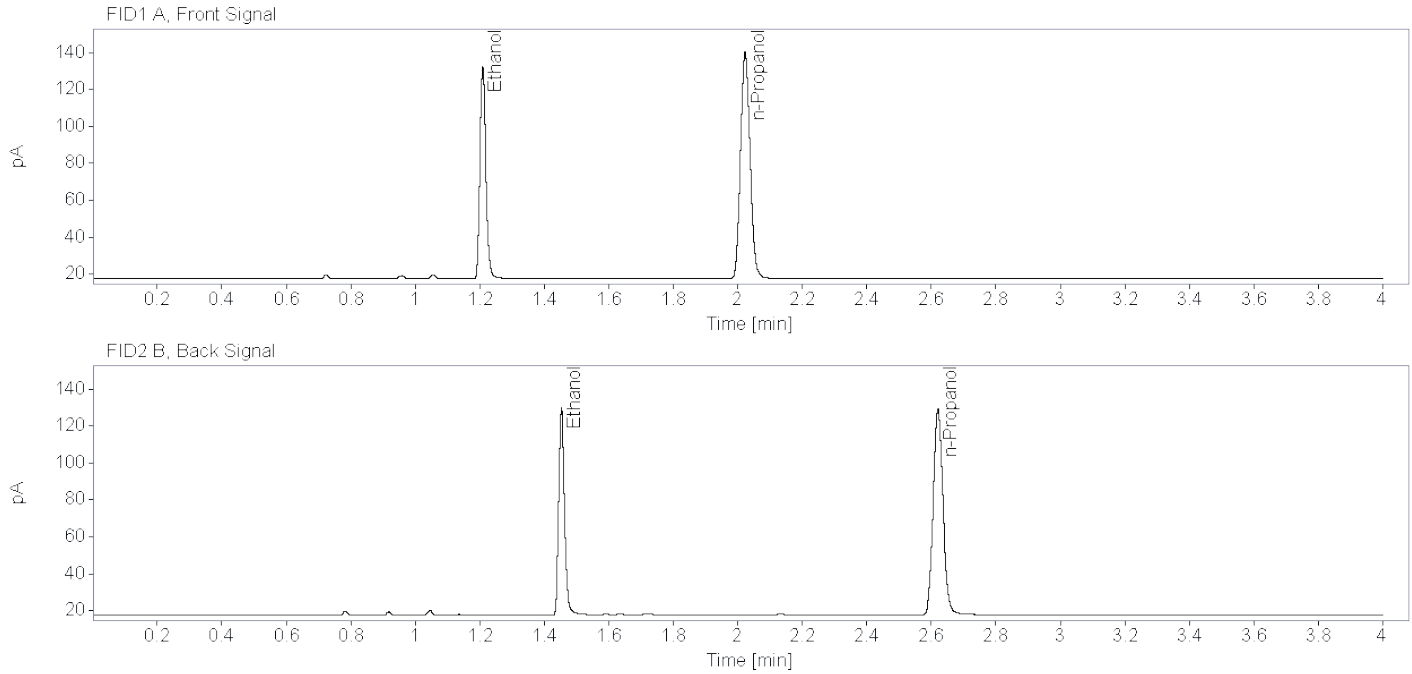
Reported UM: **0.015** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1030 001 (24-1340) **Description:** Alq 1 **Sample Barcode** 24-1340 **Vial Number:** 40
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:25:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\040F4001.D



Name FID1A

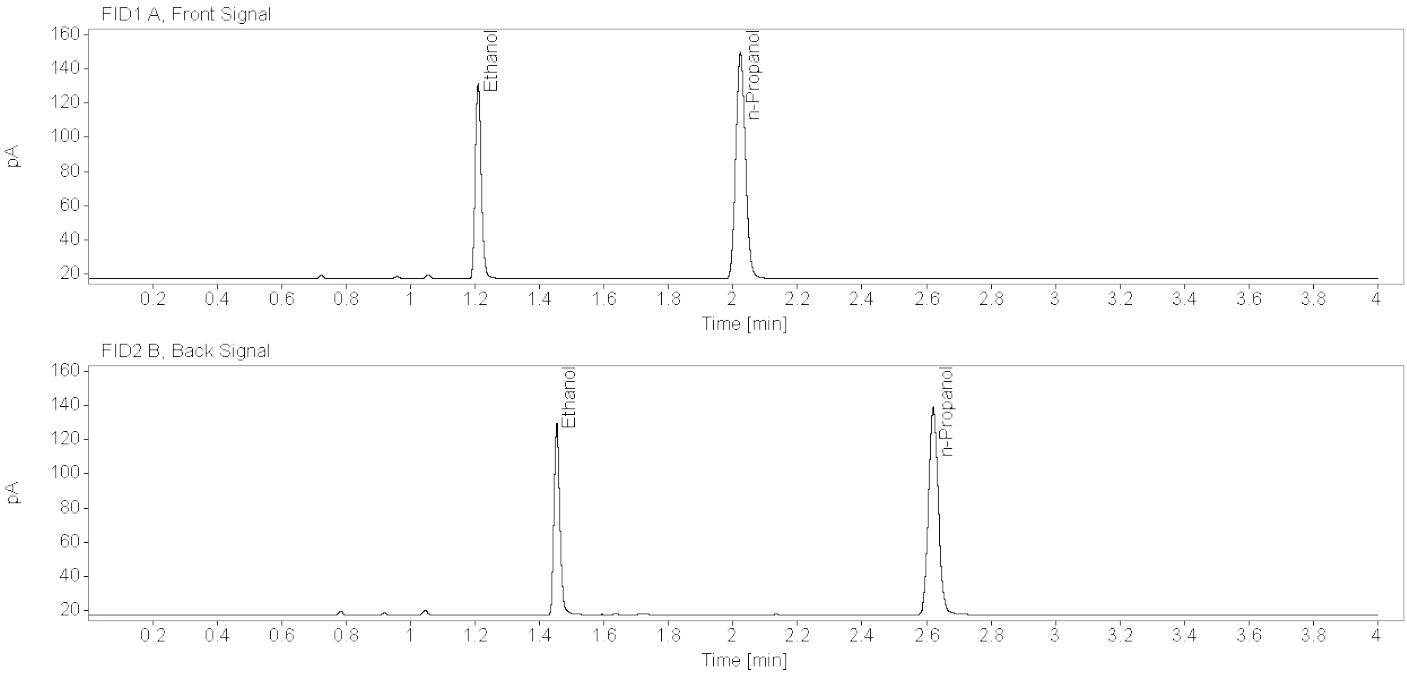
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83257	1.209	1.209	147.9893	0.1069
n-Propanol	0.87744	2.023	2.023	251.3651	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82100	1.453	1.453	139.9562	0.1069
n-Propanol	0.90354	2.621	2.621	235.7565	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1030 001 (24-1348) **Description:** Alq 2 **Sample Barcode** 24-1348 **Vial Number:** 48
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:06:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82359	1.210	1.209	149.1385	0.0996
n-Propanol	0.87370	2.023	2.023	271.8843	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82226	1.454	1.453	141.1434	0.0995
n-Propanol	0.90200	2.621	2.621	255.4403	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1031 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2015	Aliquot 1:	0.2011
	Aliquot 2:	0.1964	Aliquot 2:	0.1960

Reported Result: **0.198** **g/100 mL**

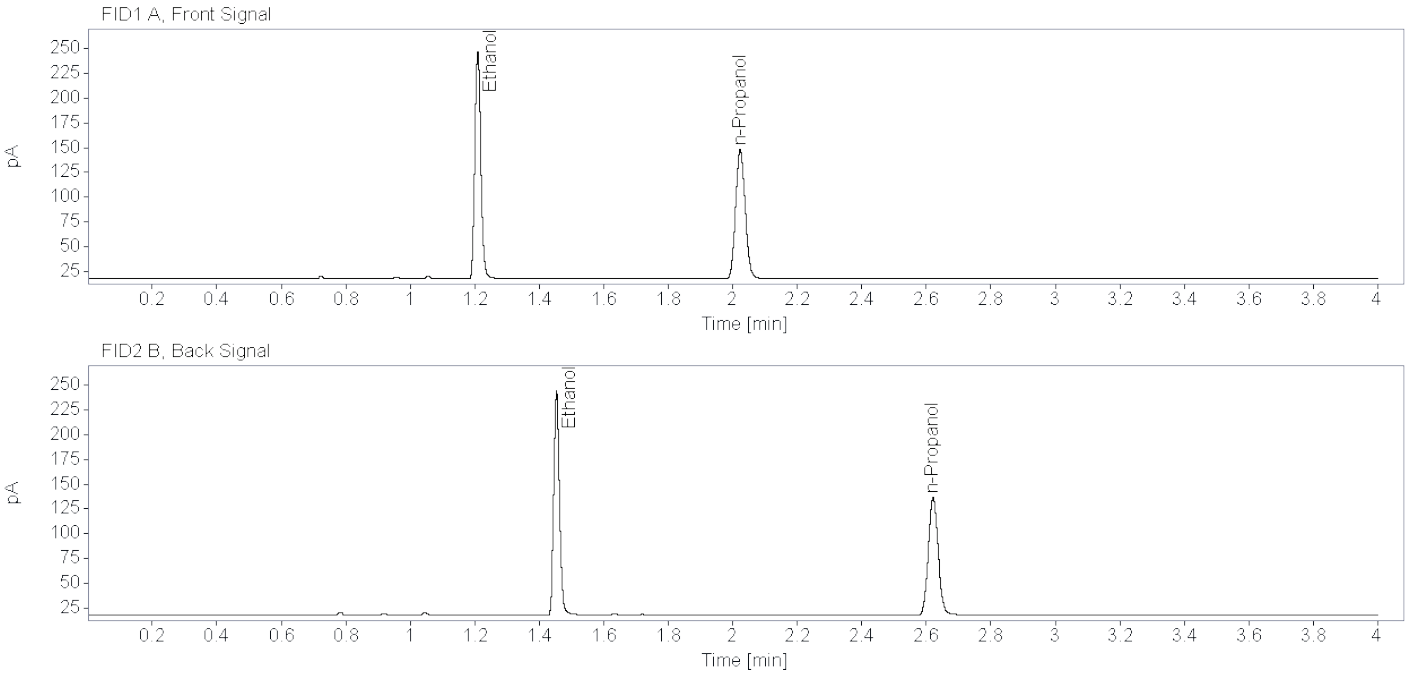
Reported UM: **0.028** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1031 001 (24-1341) **Description:** Alq 1 **Sample Barcode** 24-1341 **Vial Number:** 41
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:31:01 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\041F4101.D



Name FID1A

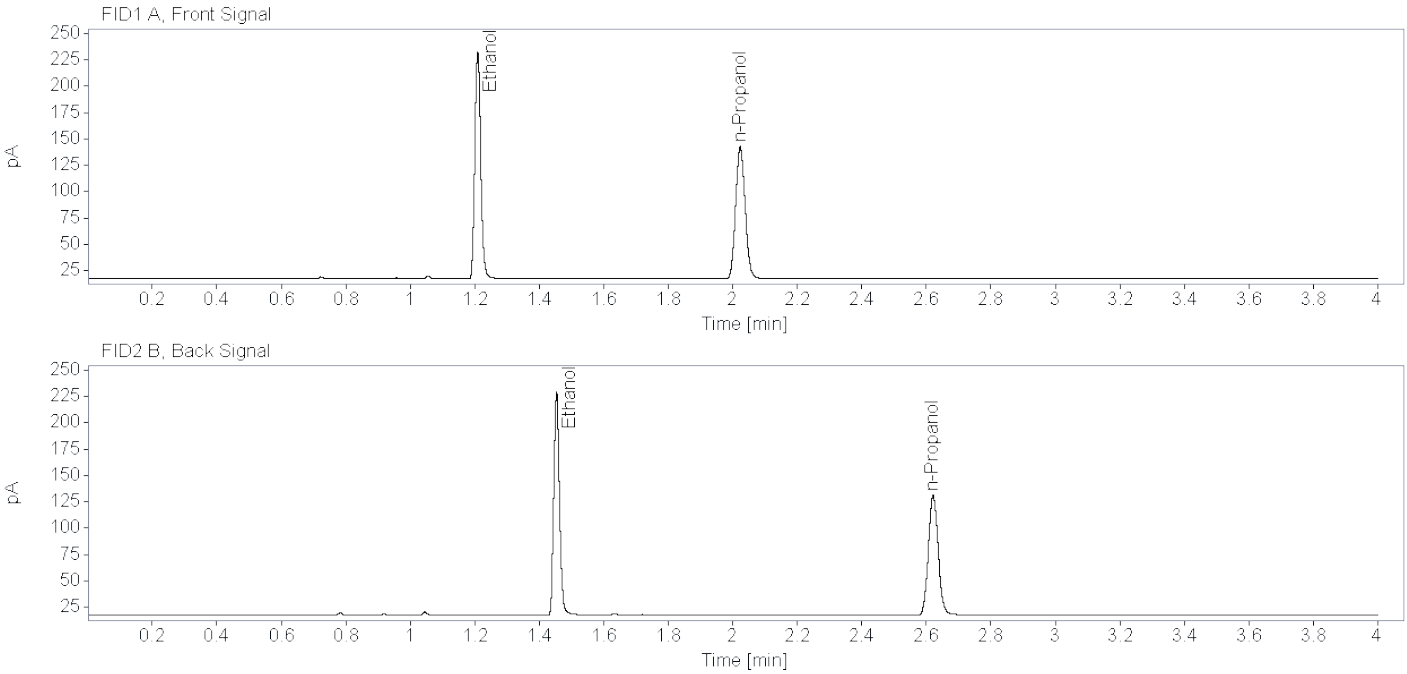
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85955	1.209	1.209	299.0749	0.2015
n-Propanol	0.86750	2.023	2.023	268.5377	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84827	1.454	1.453	282.8641	0.2011
n-Propanol	0.90540	2.621	2.621	252.2325	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1031 001 (24-1347) **Description:** Alq 2 **Sample Barcode** 24-1346 **Vial Number:** 47
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 4:02:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85269	1.209	1.209	277.1784	0.1964
n-Propanol	0.87019	2.023	2.023	255.3406	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84178	1.454	1.453	262.2874	0.1960
n-Propanol	0.90274	2.621	2.621	239.9121	0.0100

Instrument read barcode as 24-1346. Barcode should be 24-1347. Sequence was verified by another analyst prior to starting the batch, therefore barcode discrepancy is acceptable. -- 7/1/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1033 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2532	Aliquot 1:	0.2526
	Aliquot 2:	0.2673	Aliquot 2:	0.2670

Reported Result: **0.260** **g/100 mL**

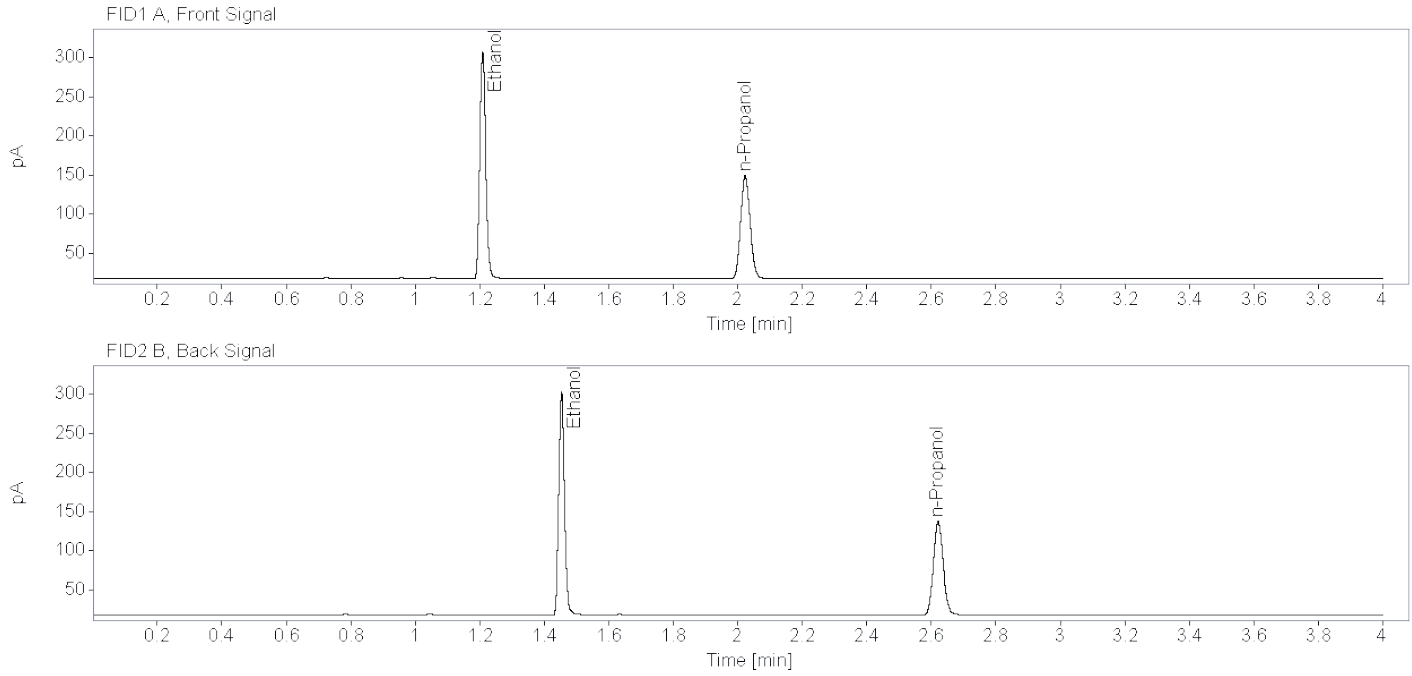
Reported UM: **0.037** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1033 001 (24-1342) **Description:** Alq 1 **Sample Barcode** 24-1342 **Vial Number:** 42
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:35:43 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\042F4201.D



Name FID1A

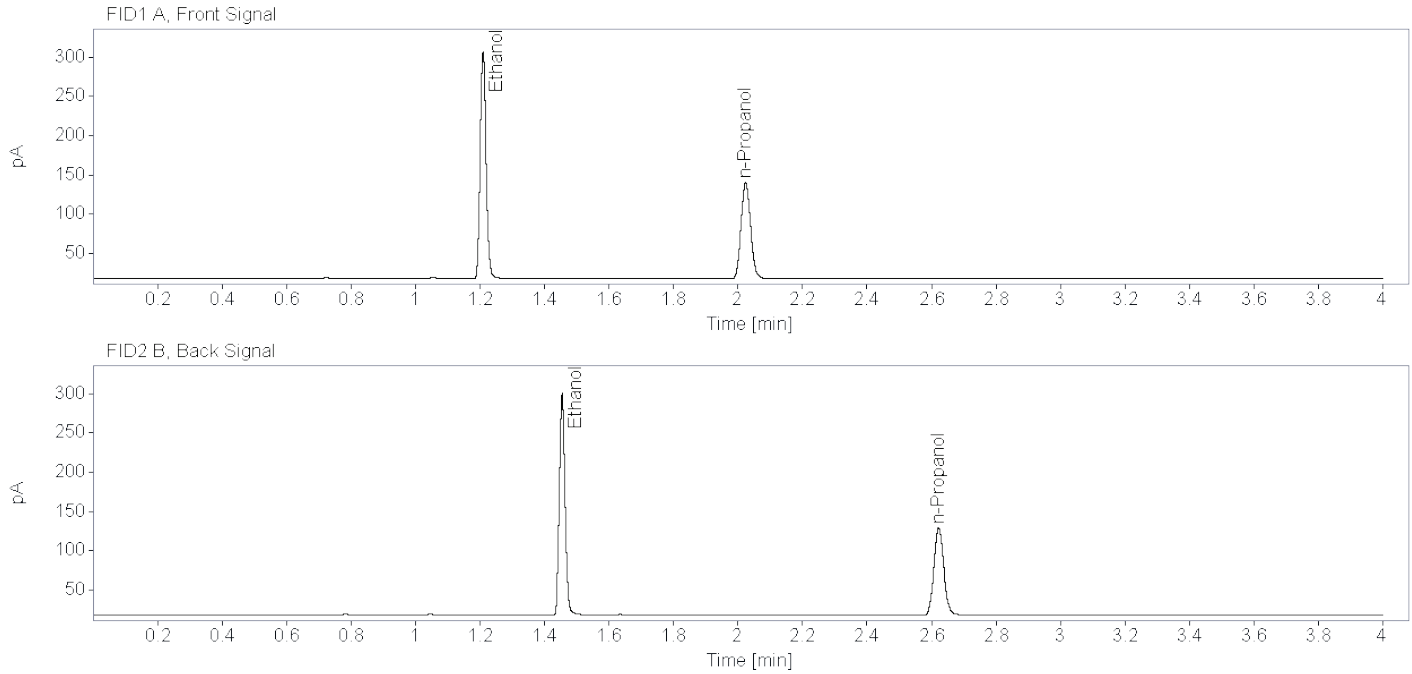
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86782	1.209	1.209	377.2907	0.2532
n-Propanol	0.86813	2.023	2.023	269.3688	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86636	1.454	1.453	356.5323	0.2526
n-Propanol	0.90698	2.622	2.621	252.8732	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1033 001 (24-1346) **Description:** Alq 2 **Sample Barcode** 24-1346 **Vial Number:** 46
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:56:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85789	1.209	1.209	372.4805	0.2673
n-Propanol	0.87734	2.023	2.023	251.8909	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87362	1.455	1.453	352.4533	0.2670
n-Propanol	0.91052	2.622	2.621	236.4580	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1038 001

Batch Name: BAC_20240530_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0555	Aliquot 1:	0.0552
	Aliquot 2:	0.0550	Aliquot 2:	0.0548

Reported Result: **0.055** **g/100 mL**

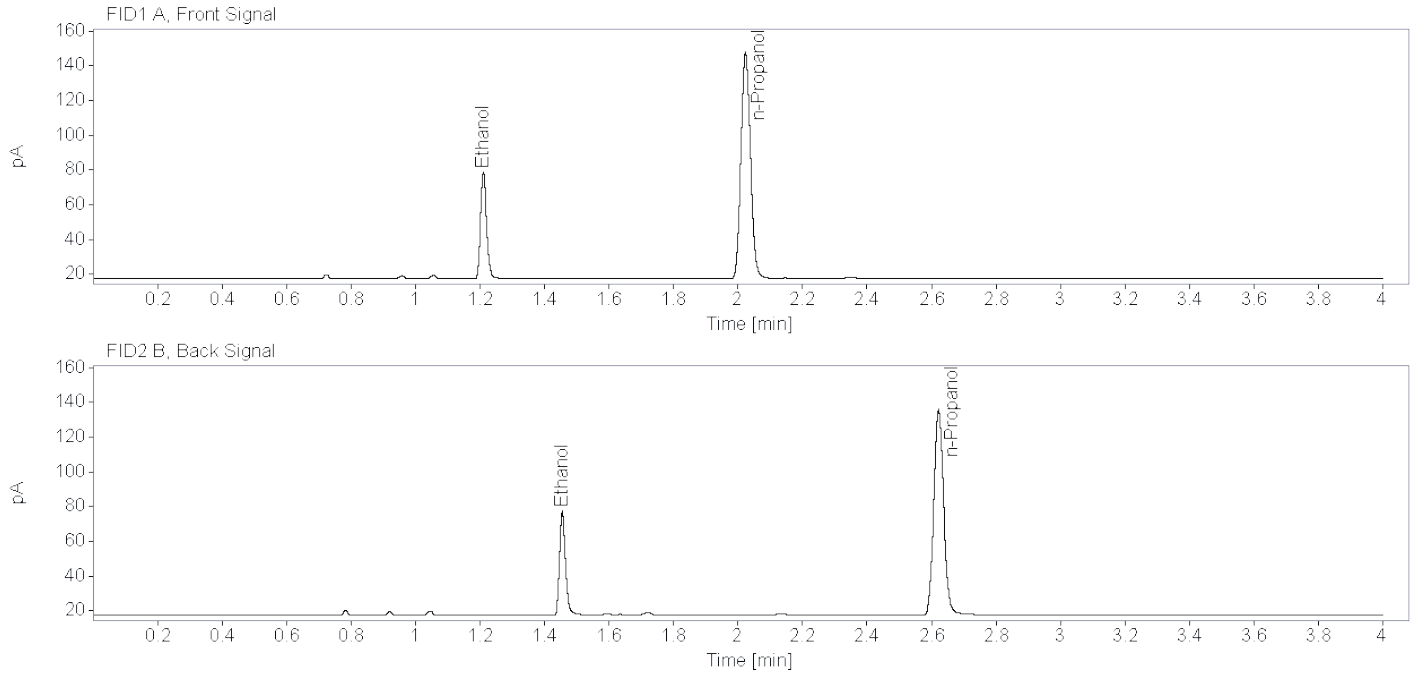
Reported UM: **0.008** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1038 001 (24-1343) **Description:** Alq 1 **Sample Barcode** 24-1343 **Vial Number:** 43
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:41:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\043F4301.D



Name FID1A

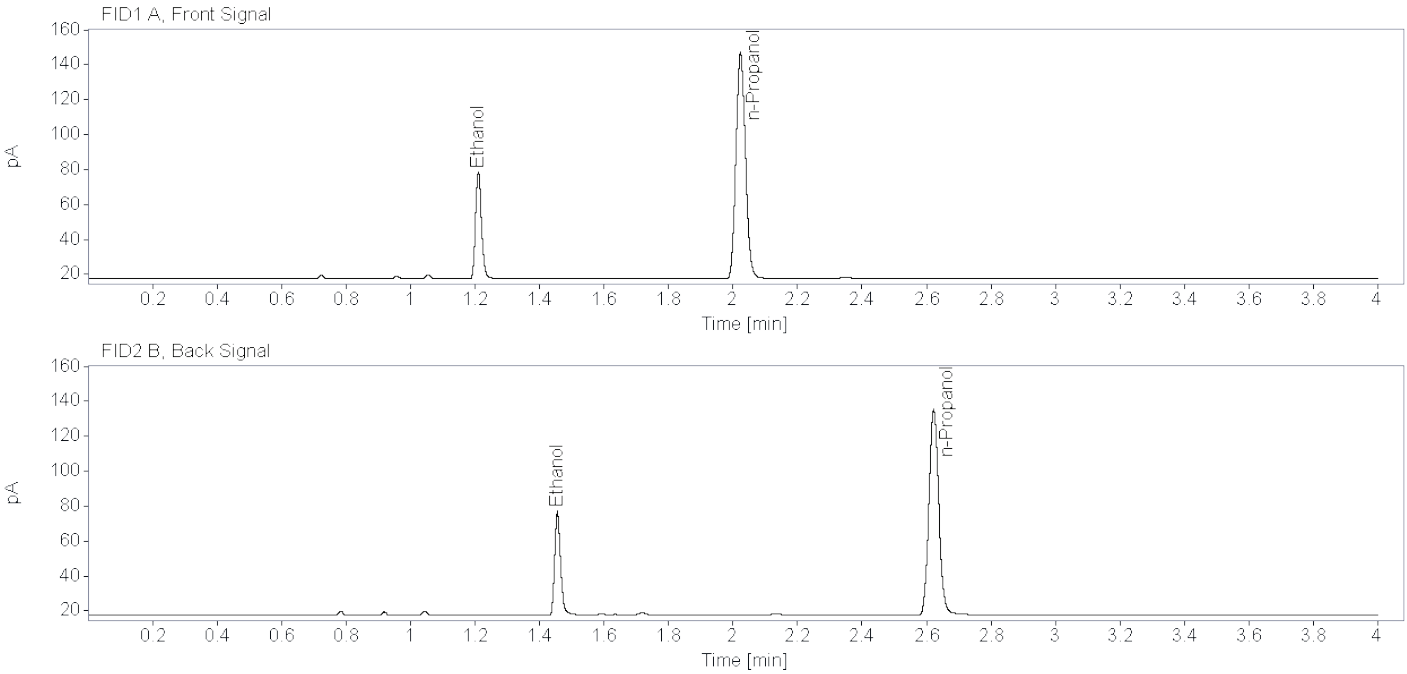
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82449	1.210	1.209	80.8191	0.0555
n-Propanol	0.87649	2.023	2.023	266.0327	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79584	1.455	1.453	75.9862	0.0552
n-Propanol	0.90482	2.622	2.621	249.8738	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1038 001 (24-1345) **Description:** Alq 2 **Sample Barcode** 24-1345 **Vial Number:** 45
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/30/2024 3:51:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240530_MH 2024-05-30 11-52-52\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82616	1.210	1.209	79.4559	0.0550
n-Propanol	0.87238	2.023	2.023	263.9186	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79608	1.455	1.453	74.8054	0.0548
n-Propanol	0.90162	2.622	2.621	247.8991	0.0100