Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240304_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	143	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.03.18 12:25:12 -05'00'

Date: 3/18/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.04.05 11:30:59 -05'00'

Date: 4/5/2024

Batch Name: BAC_20240304_MH

Technical Review Notes

-NA - KB 3/15/2024

BAC Summary Worksheet

Batch Name:	BAC_20240304_MH
Instrument:	BAC-1
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		273.3262	253.4524
Acceptance Range	**Min**	245.9936	228.1071
	Max	300.6588	278.7976

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	0.0102	0.0103	0.0102	2.00	0.00	0.98	274.2650	254.8227
0.025 g/100mL Calibrator	0.0250	0.0250	0.0250	0.00	0.00	0.00	266.1242	246.9299
0.050 g/100mL Calibrator	0.0490	0.0487	0.0488	-2.40	0.41	-0.20	271.3616	251.6227
0.100 g/100mL Calibrator	0.0997	0.0990	0.0993	-0.70	0.40	-0.30	277.7492	257.4561
0.200 g/100mL Calibrator	0.2005	0.2001	0.2003	0.15	0.10	-0.10	275.3811	255.1586
0.400 g/100mL Calibrator	0.3976	0.3977	0.3976	-0.60	0.00	0.03	278.8365	258.5888
0.500 g/100mL Calibrator	0.5030	0.5043	0.5036	0.72	-0.12	0.14	269.5658	249.5877

		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	-	-	-	274.1370	253.3978
High QC	0.3981	0.3990	0.3985	-0.38	-0.10	0.13	267.3743	247.2086
Low QC	0.0749	0.0749	0.0749	-3.73	0.00	0.00	270.9283	250.6039
Blood QC A	0.0760	0.0754	0.0757	-2.70	0.40	-0.40	268.0044	247.8224
Blood QC B	0.1953	0.1957	0.1955	-1.06	-0.10	0.10	259.4775	238.8828
Blood QC A	0.0787	0.0789	0.0788	1.29	-0.13	0.13	251.1268	231.4211
Blood QC B	0.2005	0.2005	0.2005	1.47	0.00	0.00	262.1918	242.0694
Blood QC A	0.0791	0.0785	0.0788	1.29	0.38	-0.38	258.4885	239.2166
Blood QC B	0.2046	0.2050	0.2048	3.64	-0.10	0.10	257.3447	237.7441
Blood QC A	0.0786	0.0781	0.0783	0.64	0.38	-0.26	253.7057	234.8921
High QC	0.4119	0.4129	0.4124	3.10	-0.12	0.12	252.6020	233.8614
Low QC	0.0780	0.0774	0.0777	-0.13	0.39	-0.39	246.1306	**227.9240**
DI Water	0.0000	0.0000	0.0000	-	-	-	256.0357	236.9146

		Target	Acceptance Range Min	Acceptance Range Max
Controls	**High QC**	0.4000	0.3800	0.4200
	Low QC	0.0778	0.0739	0.0817
	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-23-0047 001	0.2053	0.2058	0.2010	0.2004	0.203	0.029	1.07	1.32	-1.05	-1.34	261.5110	241.5232	267.6381	248.1599
2	**BCCL-23-0116 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	270.1362	249.5993	269.2167	249.5068
3	**BCCL-23-0184 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	269.1181	248.2773	274.1271	254.1575
4	**BCCL-23-0408 002**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	275.9303	254.4262	276.6682	256.0461
5	**BCCL-23-0423 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	274.9302	253.4514	265.7422	245.4919
6	**BCCL-23-0469 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	269.0884	248.7248	276.1702	256.8300
7	**BCCL-23-0511 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	276.5595	254.7510	265.6399	246.0214
8	**BCCL-23-0518 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	268.8419	247.8847	269.8495	250.0013
9	**BCCL-23-0563 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	266.2115	245.6715	272.7688	252.7856
10	BCCL-23-0582 001	0.1080	0.1081	0.1103	0.1096	0.109	0.016	-0.92	-0.83	1.19	0.55	267.5917	246.9626	264.6935	245.3571
11	BCCL-23-0586 009	0.1501	0.1502	0.1513	0.1505	0.150	0.022	-0.28	-0.22	0.51	-0.02	274.9168	253.9450	269.8934	250.3826
12	**BCCL-23-0587 006**	0.0124	0.0126	0.0123	0.0125	0.012	0.002	-0.40	1.20	-1.20	0.40	265.2330	244.6705	275.7610	255.5742
13	BCCL-23-0635 001_001	0.3364	0.3365	0.3359	0.3356	0.336	0.048	0.09	0.12	-0.06	-0.15	272.7895	252.6852	267.8911	248.7279
14	**BCCL-23-0730 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	275.5666	254.0359	266.5229	246.5817
15	**BCCL-23-0733 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	277.2018	255.6508	271.9408	251.3429
16	**BCCL-23-0831 001_002**	0.0738	0.0734	0.0740	0.0734	0.073	0.011	0.20	-0.34	0.48	-0.34	270.3284	249.5837	267.5171	247.8227
17	**BCCL-23-0911 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	265.8611	245.4208	264.3615	244.9301
18	**BCCL-23-0917 001**	0.0859	0.0854	0.0867	0.0861	0.086	0.012	-0.15	-0.73	0.78	0.09	265.2266	245.2651	265.3892	246.0960
19	BCCL-23-0933 001	0.1516	0.1512	0.1525	0.1520	0.151	0.022	-0.15	-0.41	0.44	0.12	266.1923	245.5032	263.4091	243.5639
20	**BCCL-23-0935 003**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	268.3939	247.5878	266.9985	247.1591
21	**BCCL-23-0939 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	271.8372	250.7743	274.6040	254.0102
22	BCCL-23-0940 001	0.2091	0.2093	0.2054	0.2048	0.207	0.030	0.94	1.04	-0.84	-1.13	268.2122	247.7489	273.8720	253.6927
23	**BCCL-23-0941 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	278.2765	256.8468	265.6612	245.6661
24	BCCL-23-2022 001	0.1798	0.1797	0.1814	0.1806	0.180	0.026	-0.32	-0.37	0.57	0.12	267.0293	247.0503	267.0557	247.4394
25	BCCL-24-0235 001	0.1609	0.1604	0.1613	0.1608	0.160	0.023	0.03	-0.28	0.28	-0.03	278.2814	257.5278	272.0975	252.0797
26	BCCL-24-0359 001	0.2248	0.2246	0.2301	0.2297	0.227	0.033	-1.10	-1.19	1.23	1.06	275.8658	255.4114	262.6964	243.4682
27	BCCL-24-0360 001	0.2455	0.2456	0.2461	0.2454	0.245	0.035	-0.06	-0.02	0.18	-0.10	271.5002	251.5977	278.2792	258.2458
28	**BCCL-24-0382 001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	274.4584	253.4719	266.4505	246.2494
29	BCCL-24-0383 002	0.1922	0.1919	0.1963	0.1960	0.194	0.028	-0.98	-1.13	1.13	0.98	269.4475	249.3265	265.3362	245.5847
30	**Blood QC A ~~S-22-031C~~** S-22-031C -- 3/5/2024 mh	0.0780	0.0774	0.0768	0.0760	0.077	0.011	1.23	0.45	-0.32	-1.36	267.9721	247.4955	247.6470	228.7328

Ending Low QC has internal standard recovery for FID2 outside the ± 10% range of the average of the calibrators. However per TOX-02-01 SOP section 13.4, this is acceptable because internal standard recovery only pertains to case samples. --3/5/2024 mh

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.03.06 13:31:17 -06'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20240304-MH **Analyst:** Melissa Henry **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN1227201	2/29/2028	S-23-5008E
Cal 2	FN03122112	3/31/2026	S-23-5002H
Cal 3	FN03172301	3/31/2028	S-23-5010A
Cal 4	FN03072301	3/31/2028	S-23-5011A
Cal 5	FN02052101	3/31/2026	S-22-052I
Cal 6	FN03052102	3/31/2026	S-22-054G
Cal 7	FN062602004	7/31/2025	S-23-5014B
High QC	30012020-A	1/31/2025	S-23-5006L
Low QC	SRM #2893a	RT 1/9/2029	S-~~23~~-24 3/5/2024 mh 5000C
Blood QC A	2101199	2/28/2025	S-22-031D
Blood QC B	2110181	3/31/2026	S-23-5000E
Internal Standard	N/A	4/18/2024	R-23-5004
Pipette(s)	5053, 205L		

Comments:

S-22-031C exp. 2/28/2025. → Ran to extend expiration after opening.
3/4/2024 mh

mh

BCCL ANALYTICAL WORKLIST

ANALYST: **Melissa Henry**

BAC_20240304_MH

Worklist ID: **56TFJTPKZB1Z68**

Case #	Evid #	Evid Type	Service
BCCL-23-0047	001	Blood	Alcohol
BCCL-23-0116	001_001	Blood	Alcohol
BCCL-23-0184	001_001	Blood	Alcohol
BCCL-23-0408	002	Blood	Alcohol
BCCL-23-0423	001	Blood	Alcohol
BCCL-23-0469	001	Blood	Alcohol
BCCL-23-0511	001_001	Blood	Alcohol
BCCL-23-0518	001_001	Blood	Alcohol
BCCL-23-0563	001	Blood	Alcohol
BCCL-23-0582	001	Blood	Alcohol
BCCL-23-0586	009	Blood	Alcohol
BCCL-23-0587	006	Blood	Alcohol
BCCL-23-0635	001_001	Blood	Alcohol

BAC_20240304_MH

Case #	Evid #	Evid Type	Service
BCCL-23-0730	001	Blood	Alcohol
BCCL-23-0733	001	Blood	Alcohol
BCCL-23-0831	COL-CO2 ~~001-001~~ 3/4/2024 mh	Blood	Alcohol
BCCL-23-0911	001	Blood	Alcohol
BCCL-23-0917	001	Blood	Alcohol
BCCL-23-0933	001	Blood	Alcohol
BCCL-23-0935	003	Blood	Alcohol
BCCL-23-0939	001	Blood	Alcohol
BCCL-23-0940	001	Blood	Alcohol
BCCL-23-0941	001	Blood	Alcohol
BCCL-23-2022	001	Blood	Alcohol
BCCL-24-0235	001	Blood	Alcohol
BCCL-24-0359	001	Blood	Alcohol
BCCL-24-0360	001	Blood	Alcohol
BCCL-24-0382	001	Blood	Alcohol

BAC_20240304_MH

Case #	Evid #	Evid Type	Service
BCCL-24-0383	002 ~~001~~ 3/4/2024 mh	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2024\BAC_20240304_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 3/4/2024

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-0401)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1

==========

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-0402)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2

==========

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-0403)
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 (24-0404)
Method Name : BAC
Sample Type : Calibration

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mh

Calibration Level : 4

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Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-0405)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

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Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-0406)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

==========

Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-0407)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

==========

Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-0408)
Method Name : BAC
Sample Type : Sample

==========

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-0409)
Method Name : BAC
Sample Type : Sample

==========

Line : 10
Location : 10
Sample Information :

Sample Name : Low QC (24-0410)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-0411)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-23-0047 001 (24-0412)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-23-0116 001_001 (24-0413)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-23-0184 001_001 (24-0414)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-23-0408 002 (24-0415)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

Sample Name : BCCL-23-0423 001 (24-0416)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-23-0469 001 (24-0417)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-23-0511 001_001 (24-0418)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-23-0518 001_001 (24-0419)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-23-0563 001 (24-0420)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-23-0582 001 (24-0421)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sample Name : Blood QC B (24-0422)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-23-0586 009 (24-0423)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-23-0587 006 (24-0424)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-23-0635 001_001 (24-0425)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-23-0730 001 (24-0426)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-23-0733 001 (24-0427)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

Sample Name : BCCL-23-0831 001_002 (24-0428)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-23-0911 001 (24-0429)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-23-0917 001 (24-0430)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-23-0933 001 (24-0431)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-23-0935 003 (24-0432)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-0433)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 1

Sample Name : BCCL-23-0939 001 (24-0434)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-23-0940 001 (24-0435)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-23-0941 001 (24-0436)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-23-2022 001 (24-0437)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq 1
Sample Name : BCCL-24-0235 001 (24-0438)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-24-0359 001 (24-0439)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq 1

Sample Name : BCCL-24-0360 001 (24-0440)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-24-0382 001 (24-0441)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-24-0383 002 (24-0442)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 1
Sample Name : Blood QC A S-~~23~~22-031C (24-0443)
Method Name : BAC 3/5/24 mh
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (24-0444)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : Blood QC A S-~~23~~22-031C (24-0445)
Method Name : BAC 3/5/24 mh
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

mh

Sample Name : BCCL-24-0383 002 (24-0446)
Method Name : BAC
Sample Type : Sample

==========

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-0382 001 (24-0447)
Method Name : BAC
Sample Type : Sample

==========

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-0360 001 (24-0448)
Method Name : BAC
Sample Type : Sample

==========

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-0359 001 (24-0449)
Method Name : BAC
Sample Type : Sample

==========

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-24-0235 001 (24-0450)
Method Name : BAC
Sample Type : Sample

==========

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-23-2022 001 (24-0451)
Method Name : BAC
Sample Type : Sample

==========

Line : 52
Location : 52
Sample Information : Alq 2

Sample Name : BCCL-23-0941 001 (24-0452)
Method Name : BAC
Sample Type : Sample

==========

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-23-0940 001 (24-0453)
Method Name : BAC
Sample Type : Sample

==========

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-23-0939 001 (24-0454)
Method Name : BAC
Sample Type : Sample

==========

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-0455)
Method Name : BAC
Sample Type : Sample

==========

Line : 56
Location : 56
Sample Information : Alq 2
Sample Name : BCCL-23-0935 003 (24-0456)
Method Name : BAC
Sample Type : Sample

==========

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-23-0933 001 (24-0457)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information : Alq 2

mh

Sample Name : BCCL-23-0917 001 (24-0458)
Method Name : BAC
Sample Type : Sample

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-23-0911 001 (24-0459)
Method Name : BAC
Sample Type : Sample

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-23-0831 001_002 (24-0460)
Method Name : BAC
Sample Type : Sample

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-23-0733 001 (24-0461)
Method Name : BAC
Sample Type : Sample

Line : 62
Location : 62
Sample Information : Alq 2
Sample Name : BCCL-23-0730 001 (24-0462)
Method Name : BAC
Sample Type : Sample

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-23-0635 001_001 (24-0463)
Method Name : BAC
Sample Type : Sample

Line : 64
Location : 64
Sample Information : Alq 2

mh

Sample Name : BCCL-23-0587 006 (24-0464)
Method Name : BAC
Sample Type : Sample

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-23-0586 009 (24-0465)
Method Name : BAC
Sample Type : Sample

Line : 66
Location : 66
Sample Information :
Sample Name : Blood QC B (24-0466)
Method Name : BAC
Sample Type : Sample

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-23-0582 001 (24-0467)
Method Name : BAC
Sample Type : Sample

Line : 68
Location : 68
Sample Information : Alq 2
Sample Name : BCCL-23-0563 001 (24-0468)
Method Name : BAC
Sample Type : Sample

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-23-0518 001_001 (24-0469)
Method Name : BAC
Sample Type : Sample

Line : 70
Location : 70
Sample Information : Alq 2

mh

Sample Name : BCCL-23-0511 001_001 (24-0470)
Method Name : BAC
Sample Type : Sample

Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-23-0469 001 (24-0471)
Method Name : BAC
Sample Type : Sample

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-23-0423 001 (24-0472)
Method Name : BAC
Sample Type : Sample

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-23-0408 002 (24-0473)
Method Name : BAC
Sample Type : Sample

Line : 74
Location : 74
Sample Information : Alq 2
Sample Name : BCCL-23-0184 001_001 (24-0474)
Method Name : BAC
Sample Type : Sample

Line : 75
Location : 75
Sample Information : Alq 2
Sample Name : BCCL-23-0116 001_001 (24-0475)
Method Name : BAC
Sample Type : Sample

Line : 76
Location : 76
Sample Information : Alq 2

Sample Name : BCCL-23-0047 001 (24-0476)
Method Name : BAC
Sample Type : Sample

==========

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (24-0477)
Method Name : BAC
Sample Type : Sample

==========

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (24-0478)
Method Name : BAC
Sample Type : Sample

==========

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (24-0479)
Method Name : BAC
Sample Type : Sample

==========

Line : 80
Location : 80
Sample Information :
Sample Name : DI Water (24-0480)
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

Agilent 7890A

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

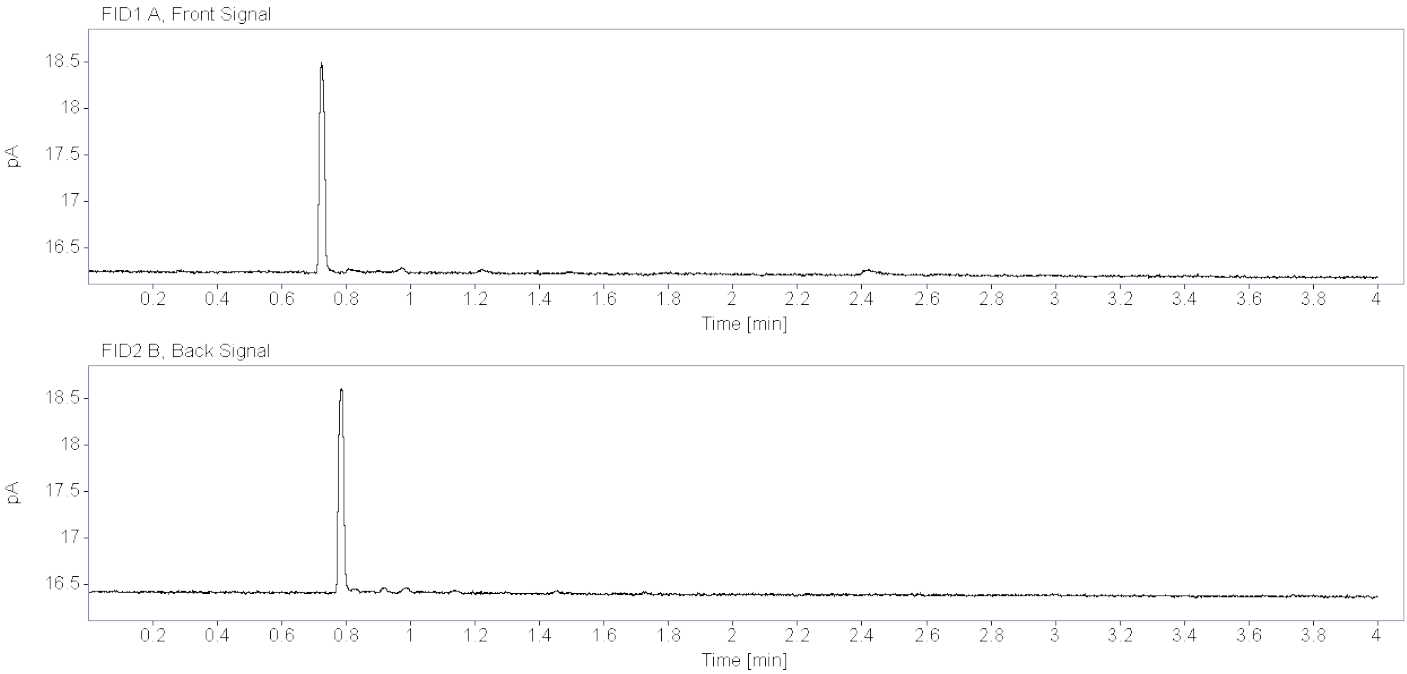
Apply Method's Manual Integration Events: No

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1

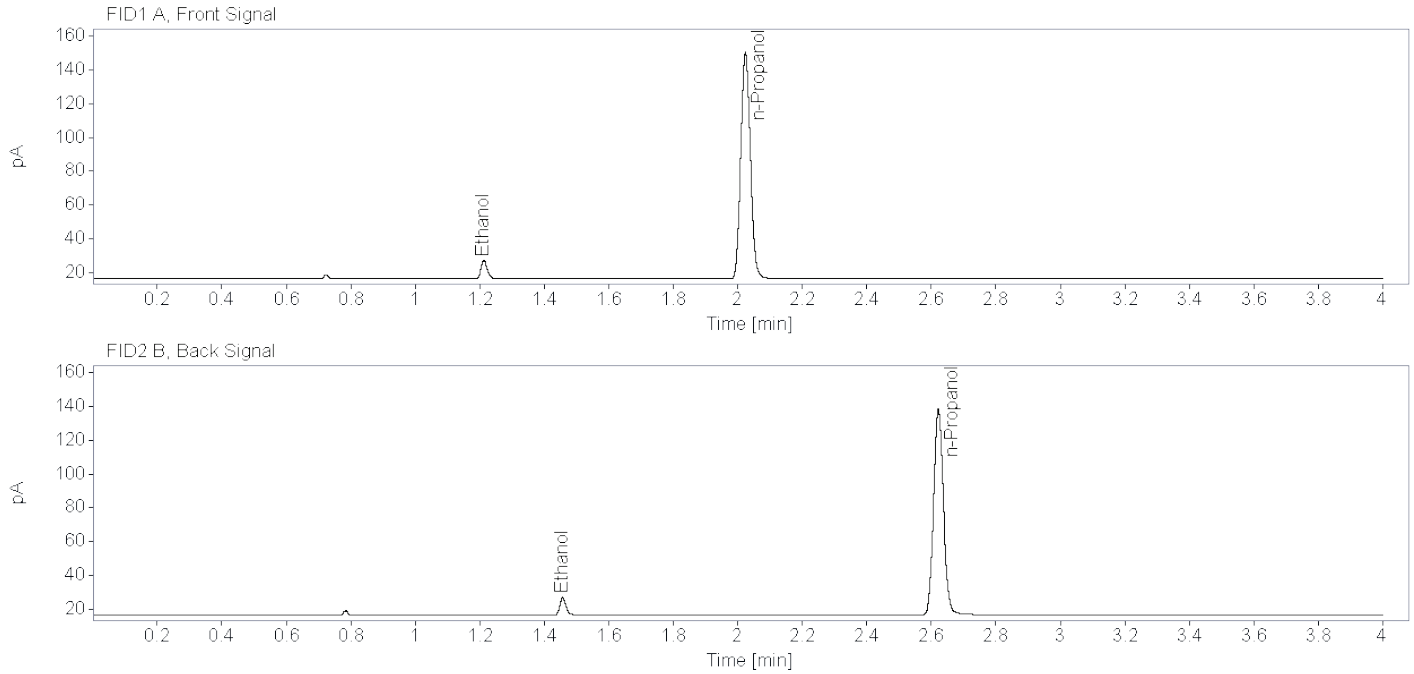
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 8:45:01 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240304PC_MH 2024-03-04 08-35-04\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:** 3/4/2024 8:49:44 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240304PC_MH 2024-03-04 08-35-04\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81271	1.213	1.210	15.0869	0.0111
n-Propanol	0.88396	2.024	2.024	276.3018	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77357	1.457	1.454	14.0947	0.0110
n-Propanol	0.90846	2.622	2.621	257.6581	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 3/5/2024 8:24:33 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	14.66516	6.81888e-4	No	No	1	Ethanol
		2	2.50000e-2	36.25153	6.89626e-4				
		3	5.00000e-2	73.26595	6.82445e-4				
		4	1.00000e-1	153.49429	6.51490e-4				
		5	2.00000e-1	307.06509	6.51328e-4				
		6	4.00000e-1	617.41272	6.47865e-4				
		7	5.00000e-1	755.45795	6.61850e-4				
1.453	2	1	1.00000e-2	13.46887	7.42453e-4	No	No	2	Ethanol
		2	2.50000e-2	33.60425	7.43953e-4				
		3	5.00000e-2	68.16906	7.33471e-4				
		4	1.00000e-1	143.23016	6.98177e-4				
		5	2.00000e-1	288.42596	6.93419e-4				
		6	4.00000e-1	582.49719	6.86699e-4				
		7	5.00000e-1	713.35541	7.00913e-4				
2.023	1	1	1.00000e-2	274.26498	3.64611e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	266.12421	3.75764e-5				
		3	1.00000e-2	271.36163	3.68512e-5				
		4	1.00000e-2	277.74924	3.60037e-5				
		5	1.00000e-2	275.38110	3.63133e-5				
		6	1.00000e-2	278.83655	3.58633e-5				
		7	1.00000e-2	269.56577	3.70967e-5				
2.621	2	1	1.00000e-2	254.82271	3.92430e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	246.92986	4.04973e-5				
		3	1.00000e-2	251.62265	3.97421e-5				
		4	1.00000e-2	257.45612	3.88416e-5				
		5	1.00000e-2	255.15860	3.91913e-5				
		6	1.00000e-2	258.58884	3.86714e-5				
		7	1.00000e-2	249.58772	4.00661e-5				

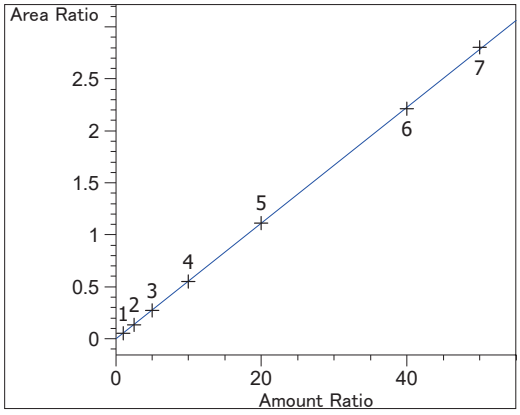
Peak Sum Table

No Entries in table

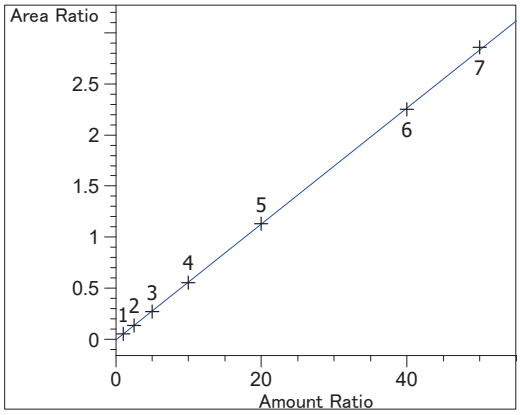
1 Warnings or Errors :

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

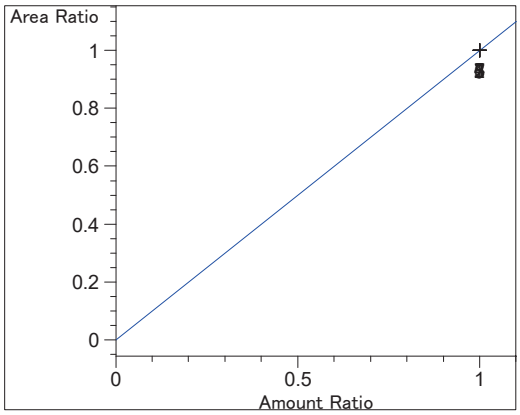
Calibration Curves



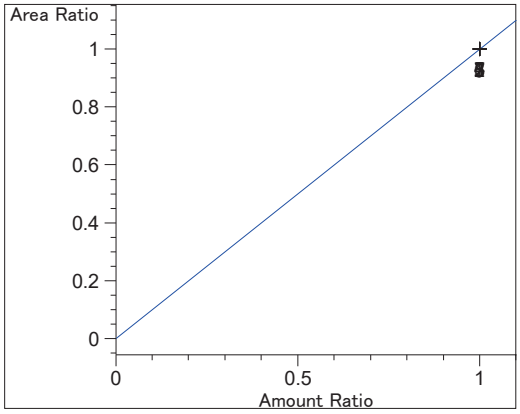
Ethanol at exp. RT: 1.209
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.01014
Formula: y = mx + b
m: 5.57775e-2
b: -3.37441e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.392532
Level 3 : 0.198045
Level 4 : 0.096756
Level 5 : 0.047953
Level 6 : 0.024149
Level 7 : 0.01908



Ethanol at exp. RT: 1.453
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.01315
Formula: y = mx + b
m: 5.67866e-2
b: -5.76868e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.388394
Level 3 : 0.195099
Level 4 : 0.095008
Level 5 : 0.046759
Level 6 : 0.023464
Level 7 : 0.018493



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

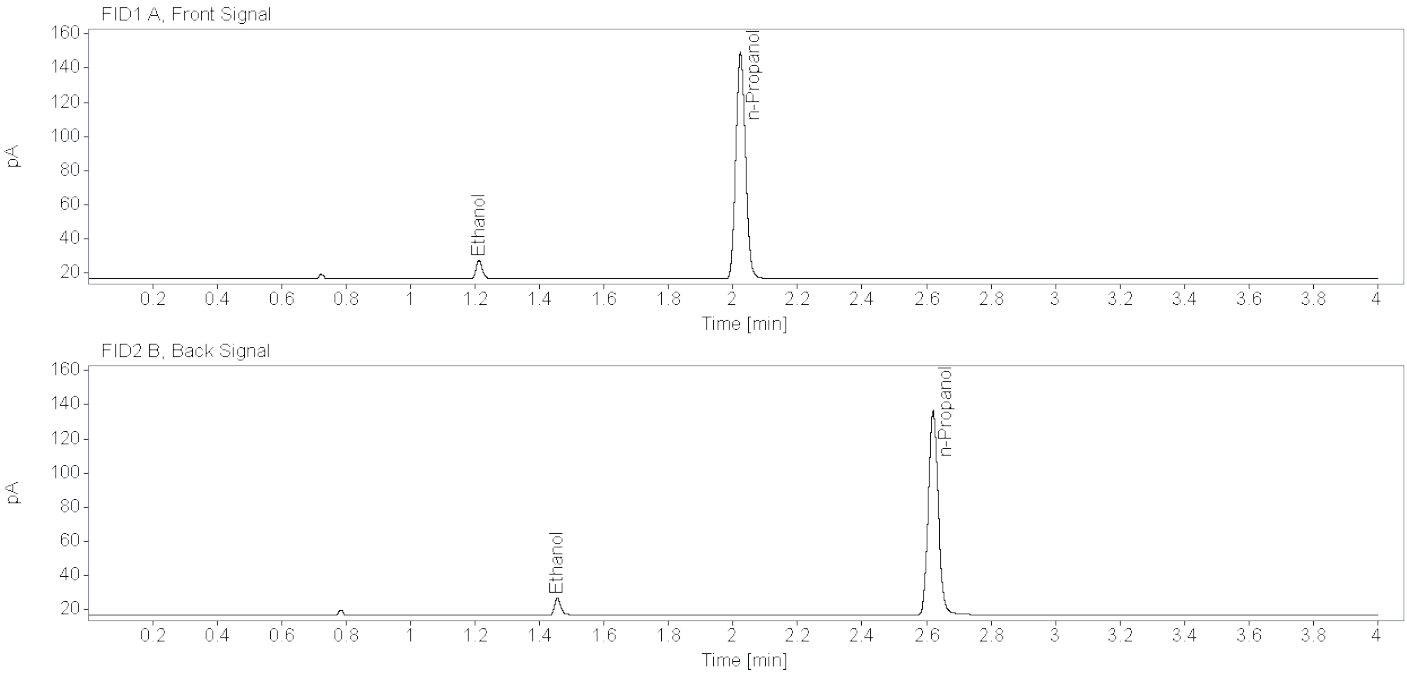


n-Propanol at exp. RT: 2.621
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-0401) **Description:** **Sample Barcode** 24-0401 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 12:21:54 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\001F0101.D



Name FID1A

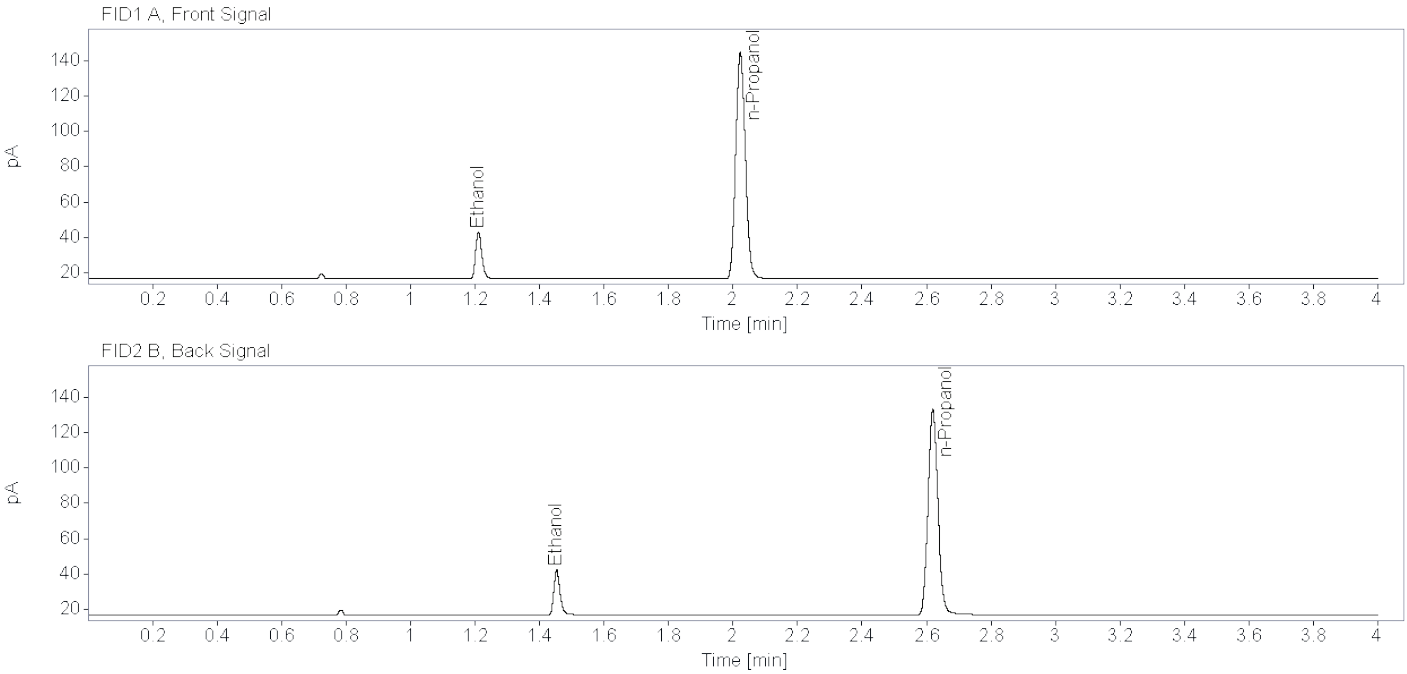
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78878	1.212	1.212	14.6652	0.0102
n-Propanol	0.88041	2.023	2.023	274.2650	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77137	1.456	1.456	13.4689	0.0103
n-Propanol	0.91267	2.621	2.621	254.8227	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-0402) **Description:** **Sample Barcode** 24-0402 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 12:26:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\002F0201.D



Name FID1A

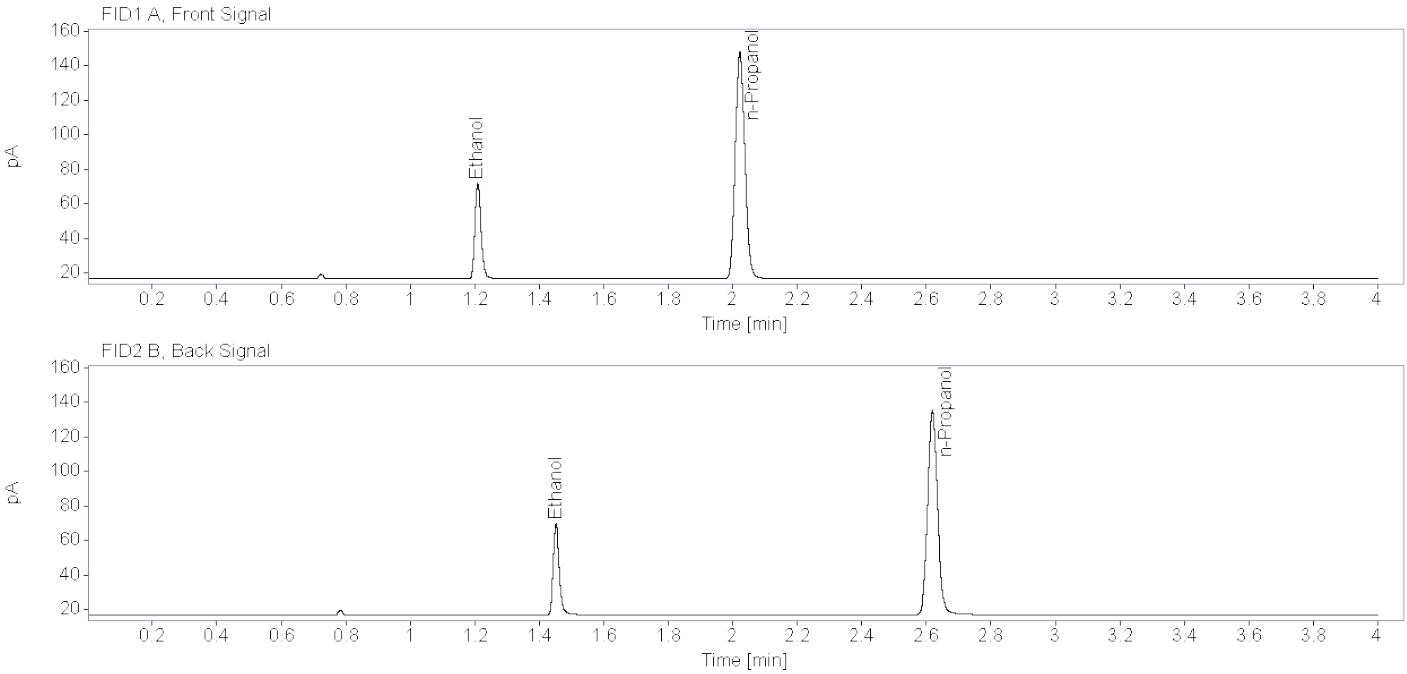
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81487	1.211	1.211	36.2515	0.0250
n-Propanol	0.87074	2.023	2.023	266.1242	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77037	1.453	1.453	33.6043	0.0250
n-Propanol	0.89798	2.620	2.620	246.9299	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-0403) **Description:** **Sample Barcode** 24-0403 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 12:32:18 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\003F0301.D



Name FID1A

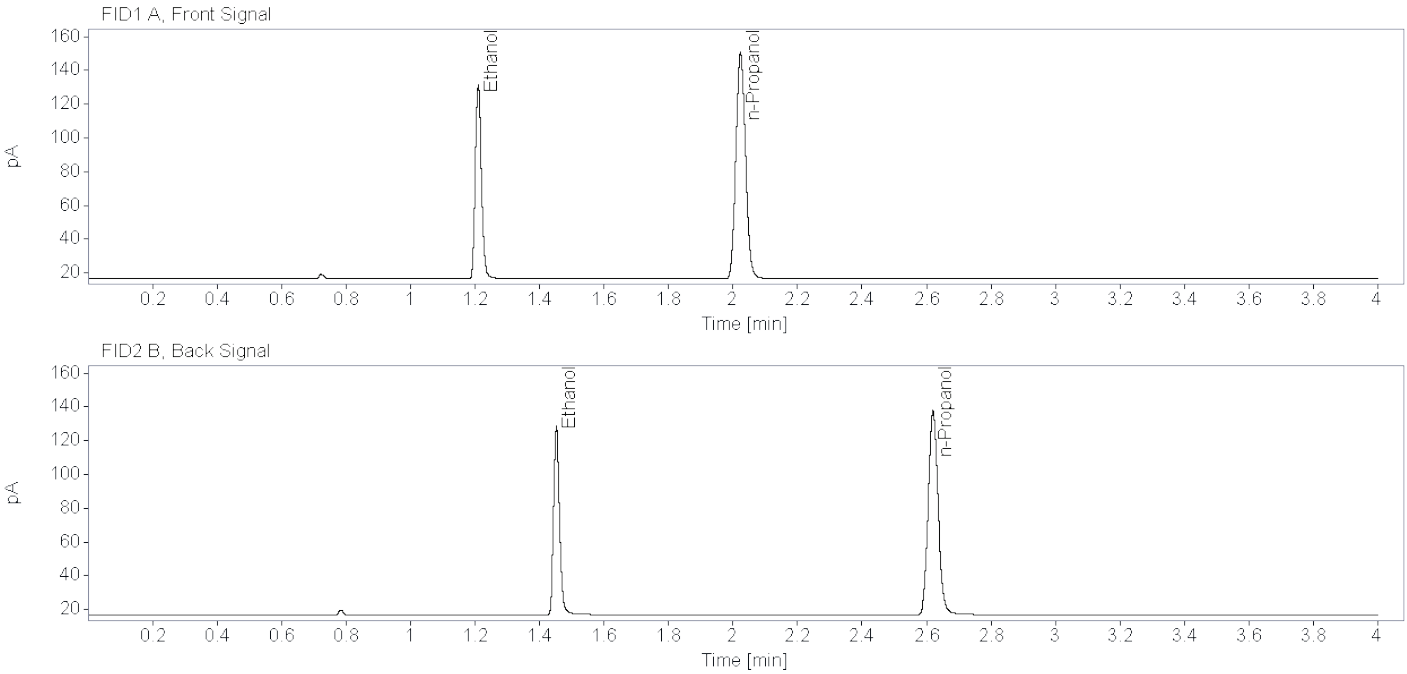
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82124	1.209	1.209	73.2659	0.0490
n-Propanol	0.87772	2.022	2.022	271.3616	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78468	1.452	1.452	68.1691	0.0487
n-Propanol	0.90484	2.619	2.619	251.6227	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-0404) **Description:** **Sample Barcode** 24-0404 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 12:37:01 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\004F0401.D



Name FID1A

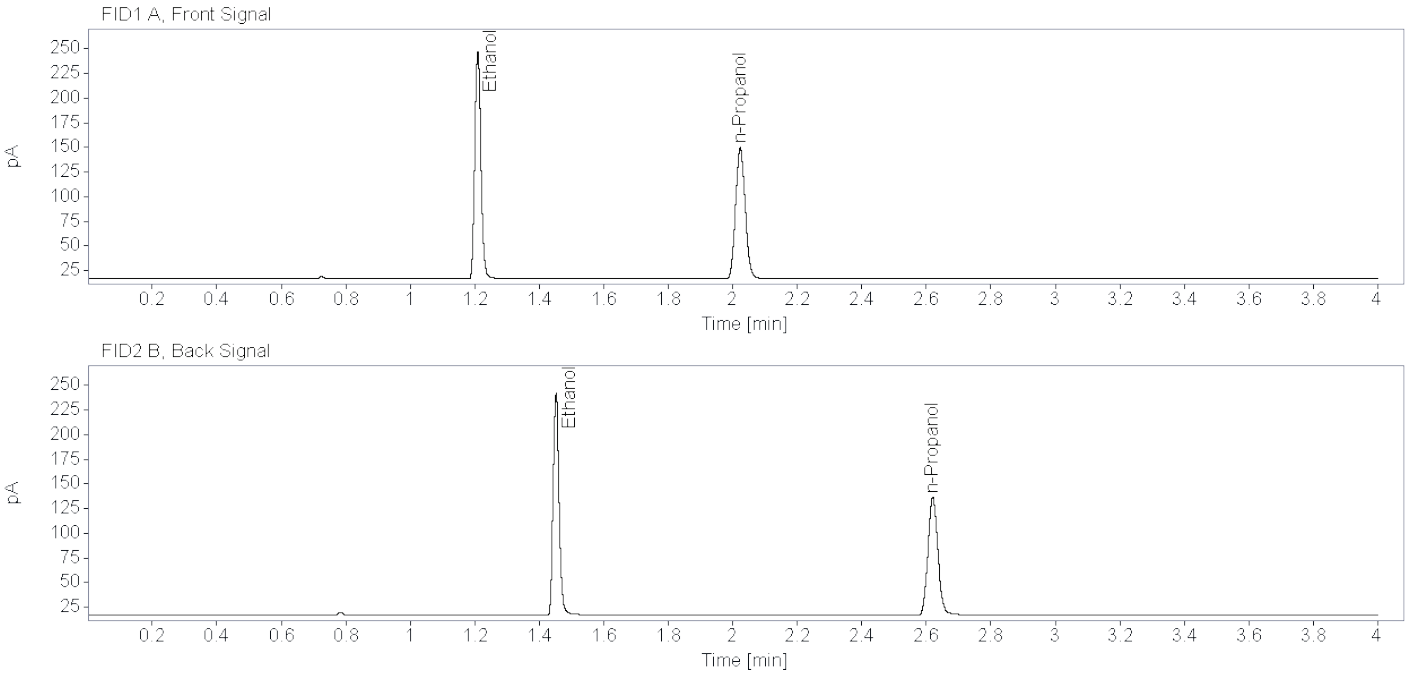
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83502	1.210	1.210	153.4943	0.0997
n-Propanol	0.87888	2.023	2.023	277.7492	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81951	1.452	1.452	143.2302	0.0990
n-Propanol	0.90406	2.620	2.620	257.4561	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-0405) **Description:** **Sample Barcode** 24-0405 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 12:42:42 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\005F0501.D



Name FID1A

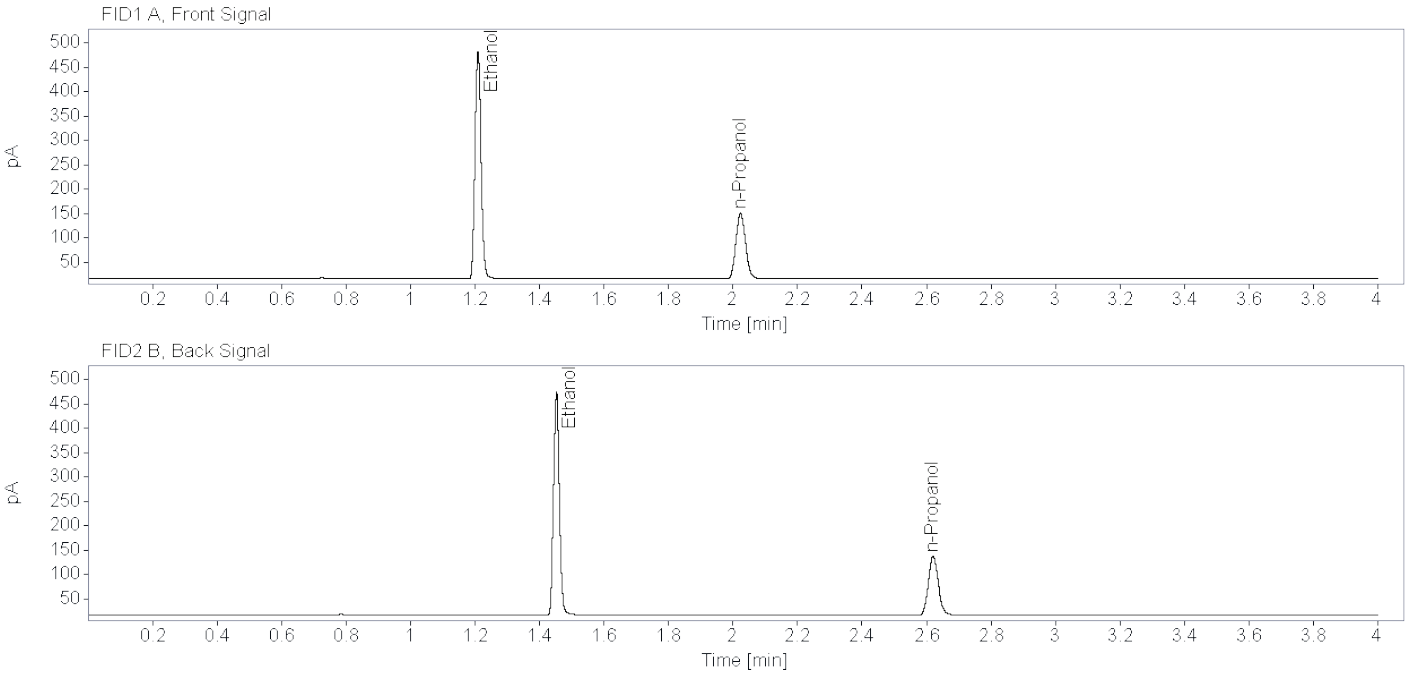
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84496	1.209	1.209	307.0651	0.2005
n-Propanol	0.87473	2.023	2.023	275.3811	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85215	1.452	1.452	288.4260	0.2001
n-Propanol	0.89692	2.620	2.620	255.1586	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-0406) **Description:** **Sample Barcode** 24-0406 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 12:47:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\006F0601.D



Name FID1A

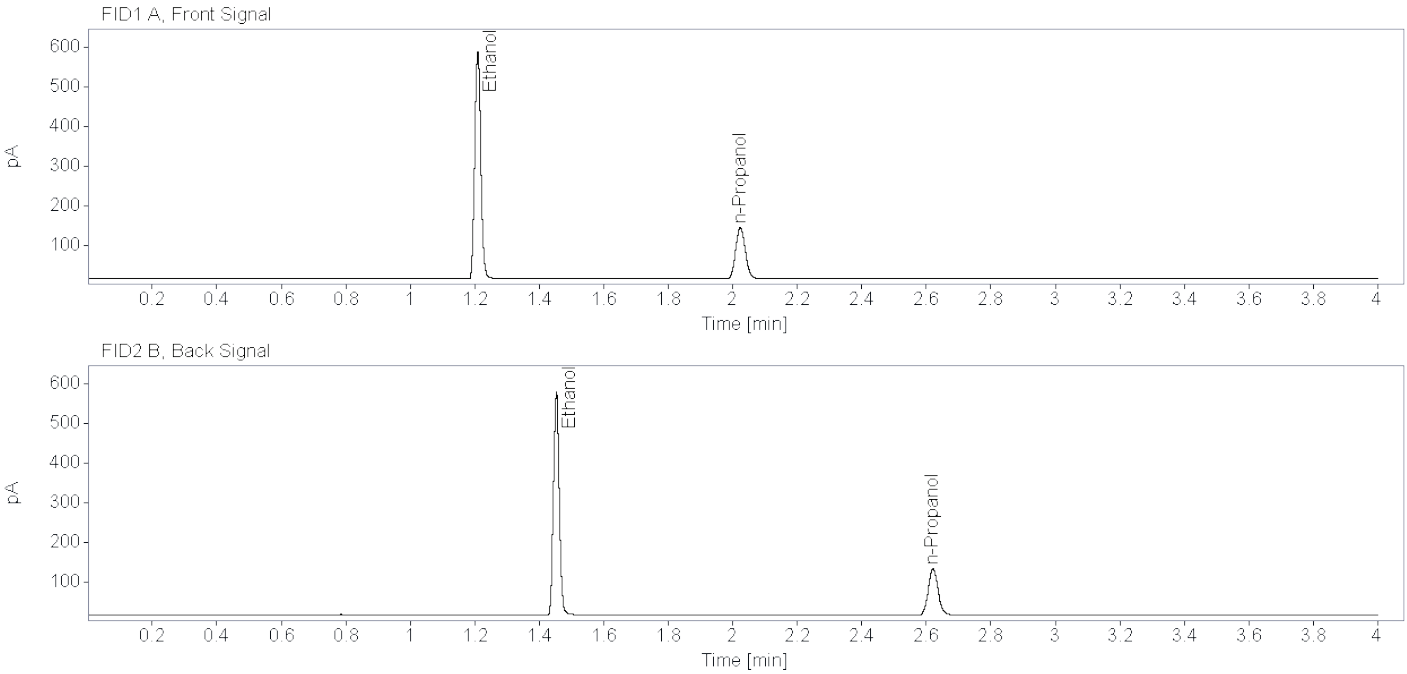
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87991	1.209	1.209	617.4127	0.3976
n-Propanol	0.87625	2.023	2.023	278.8365	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.90181	1.453	1.453	582.4972	0.3977
n-Propanol	0.90004	2.621	2.621	258.5888	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-0407) **Description:** **Sample Barcode** 24-0407 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 12:53:06 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\007F0701.D



Name FID1A

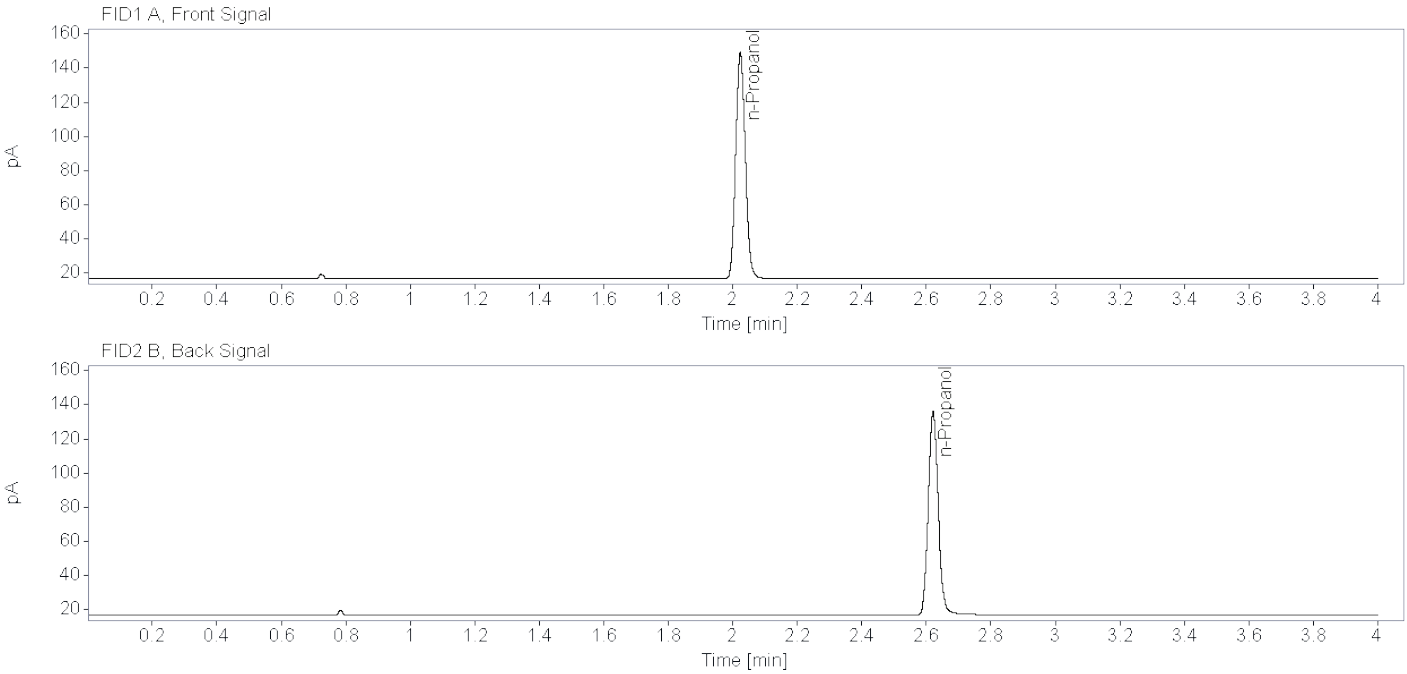
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.90486	1.209	1.209	755.4579	0.5030
n-Propanol	0.87609	2.023	2.023	269.5658	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.94156	1.453	1.453	713.3554	0.5043
n-Propanol	0.89828	2.621	2.621	249.5877	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-0408) **Description:** **Sample Barcode** 24-0408 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 12:57:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\008F0801.D



Name FID1A

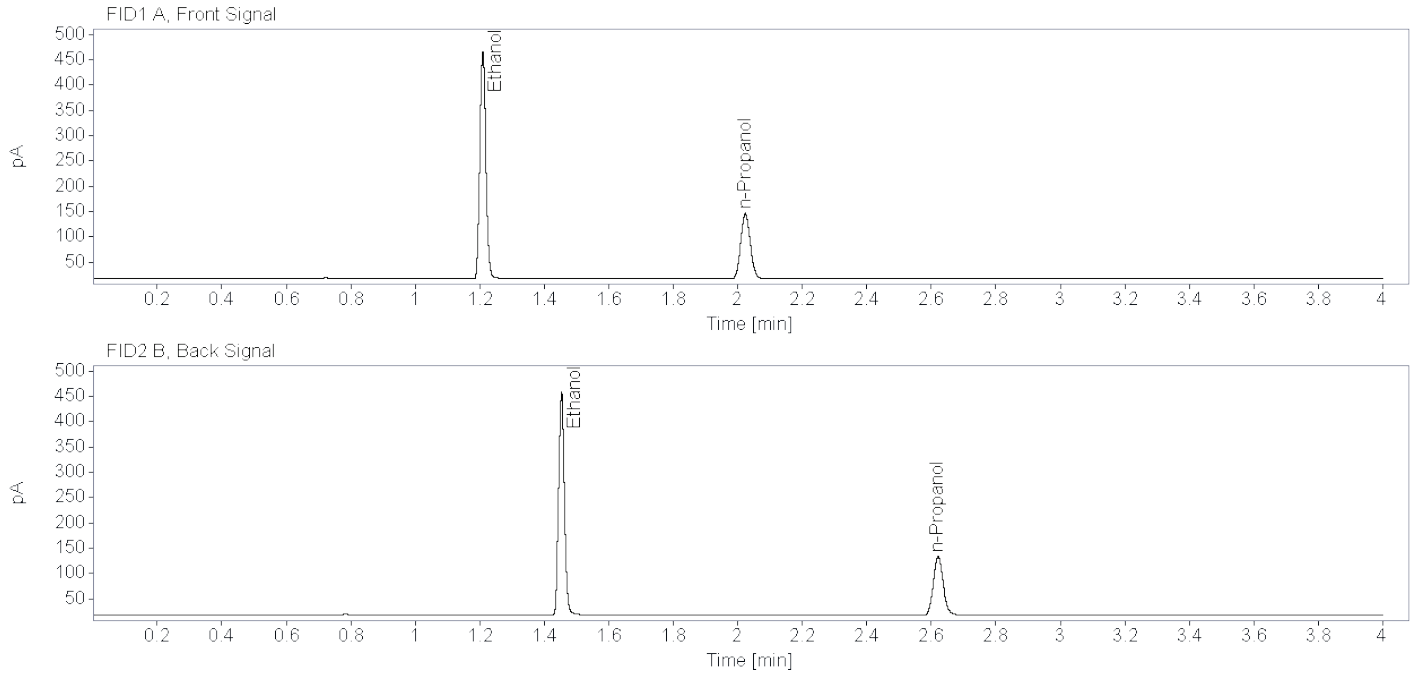
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87852	2.023	2.023	274.1370	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90324	2.621	2.621	253.3978	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-0409) **Description:** **Sample Barcode** 24-0409 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:03:30 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\009F0901.D



Name FID1A

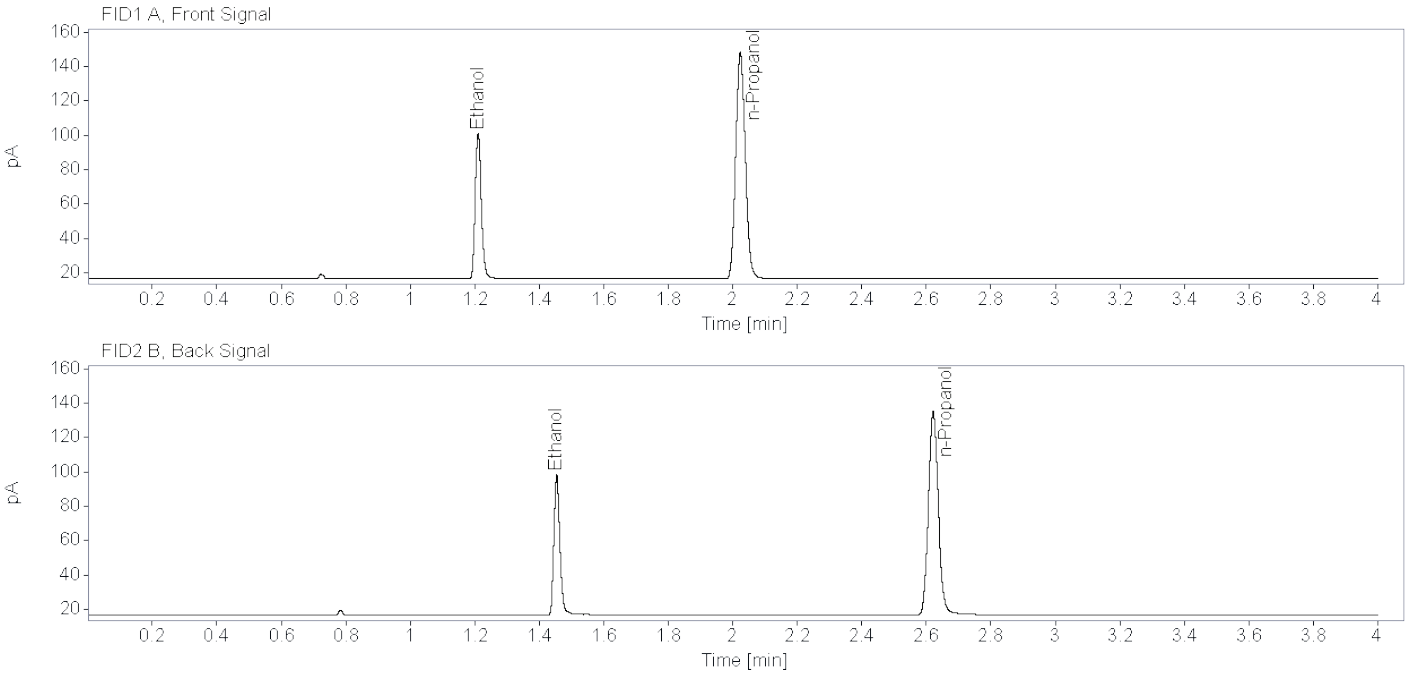
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87417	1.209	1.209	592.8413	0.3981
n-Propanol	0.87503	2.023	2.023	267.3743	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89879	1.454	1.453	558.7556	0.3990
n-Propanol	0.89462	2.621	2.621	247.2086	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-0410) **Description:** **Sample Barcode** 24-0410 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:08:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\010F1001.D



Name FID1A

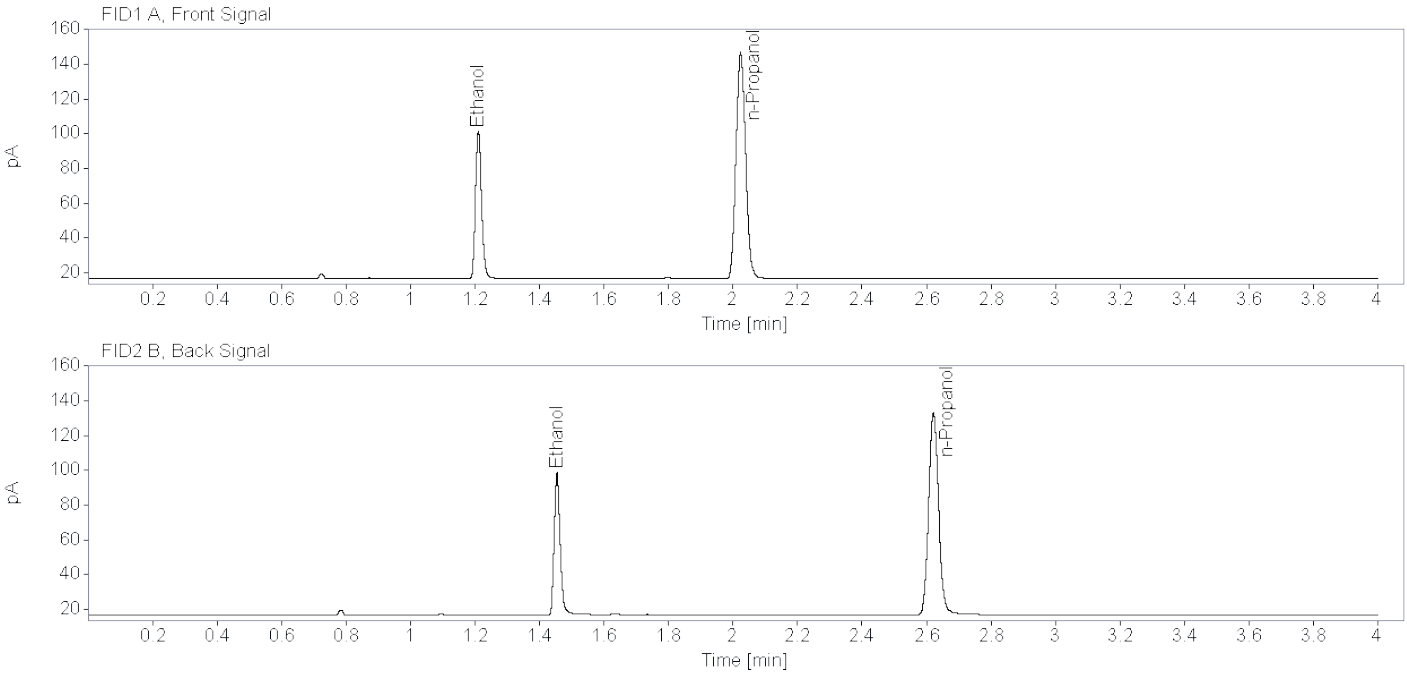
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82402	1.210	1.209	112.3088	0.0749
n-Propanol	0.86991	2.023	2.023	270.9283	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79862	1.454	1.453	105.2139	0.0749
n-Propanol	0.88962	2.622	2.621	250.6039	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0411) **Description:** **Sample Barcode** 24-0411 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:13:54 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\011F1101.D



Name FID1A

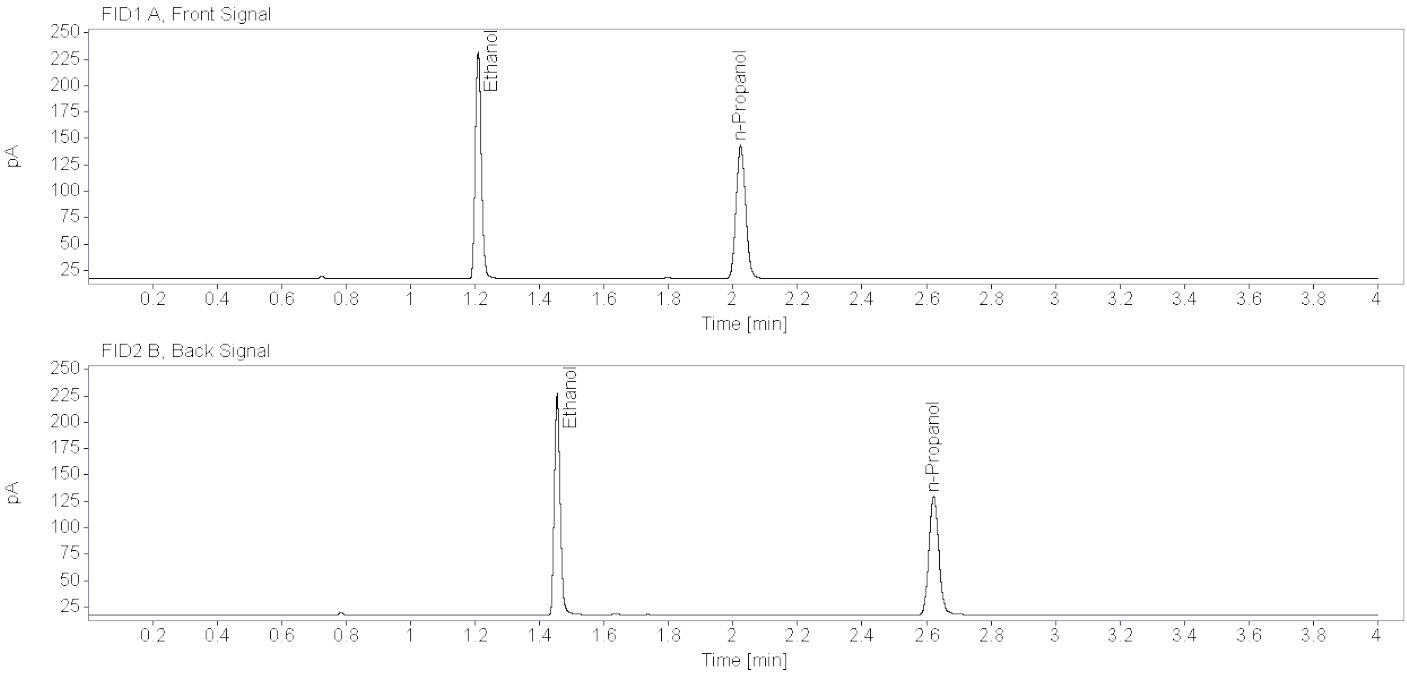
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83710	1.210	1.209	112.7326	0.0760
n-Propanol	0.88628	2.024	2.023	268.0044	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80090	1.454	1.453	104.6324	0.0754
n-Propanol	0.89118	2.621	2.621	247.8224	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0422) **Description:** **Sample Barcode** 24-0422 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:10:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\022F2201.D



Name FID1A

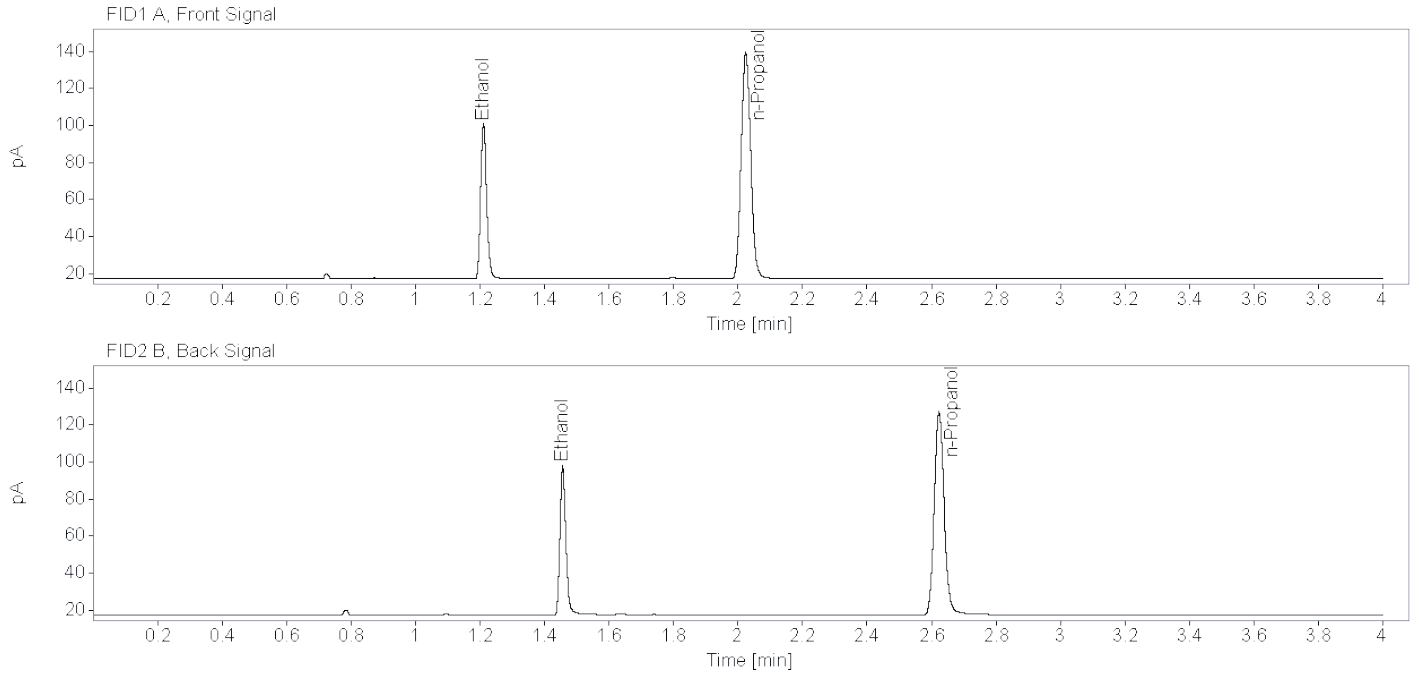
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85897	1.210	1.209	281.7978	0.1953
n-Propanol	0.88079	2.024	2.023	259.4775	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84699	1.455	1.453	264.0341	0.1957
n-Propanol	0.88614	2.622	2.621	238.8828	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0433) **Description:** **Sample Barcode** 24-0433 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:08:18 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\033F3301.D



Name FID1A

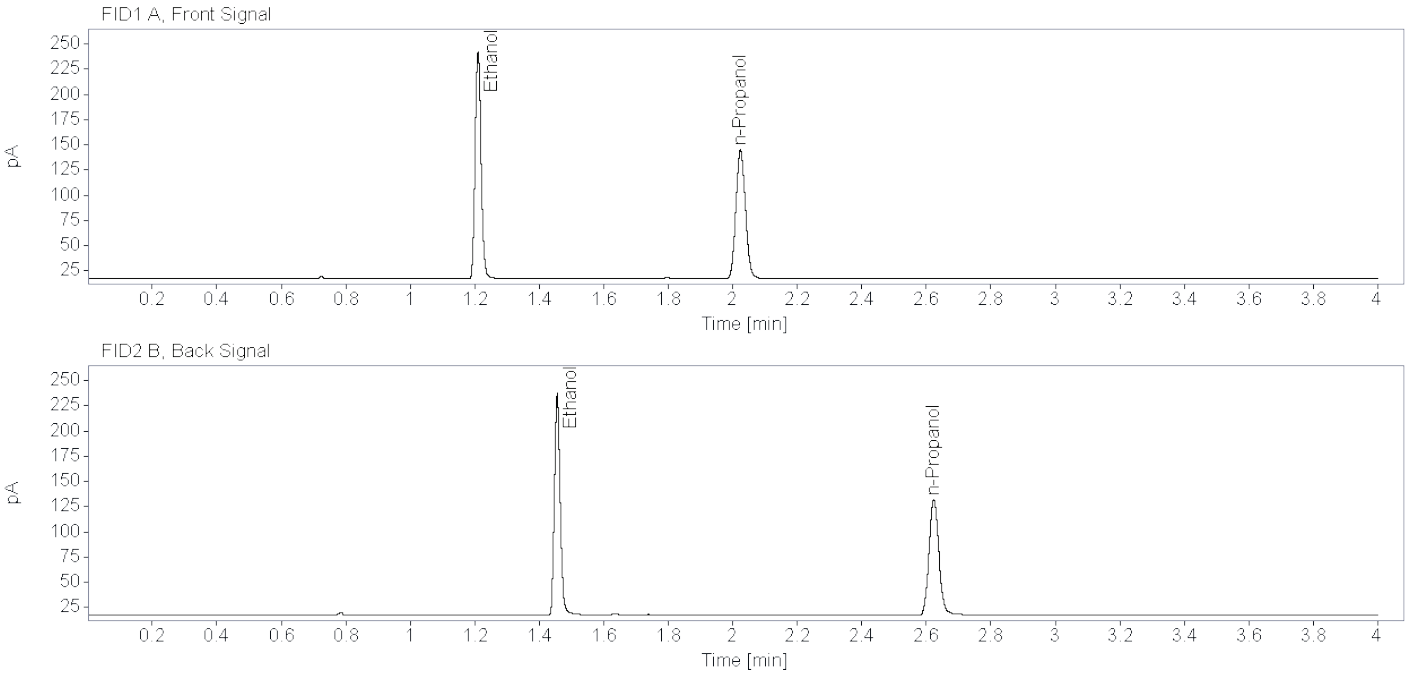
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83791	1.211	1.209	109.4577	0.0787
n-Propanol	0.88527	2.024	2.023	251.1268	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79510	1.456	1.453	102.3443	0.0789
n-Propanol	0.88582	2.623	2.621	231.4211	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0444) **Description:** **Sample Barcode** 24-0444 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:05:01 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\044F4401.D



Name FID1A

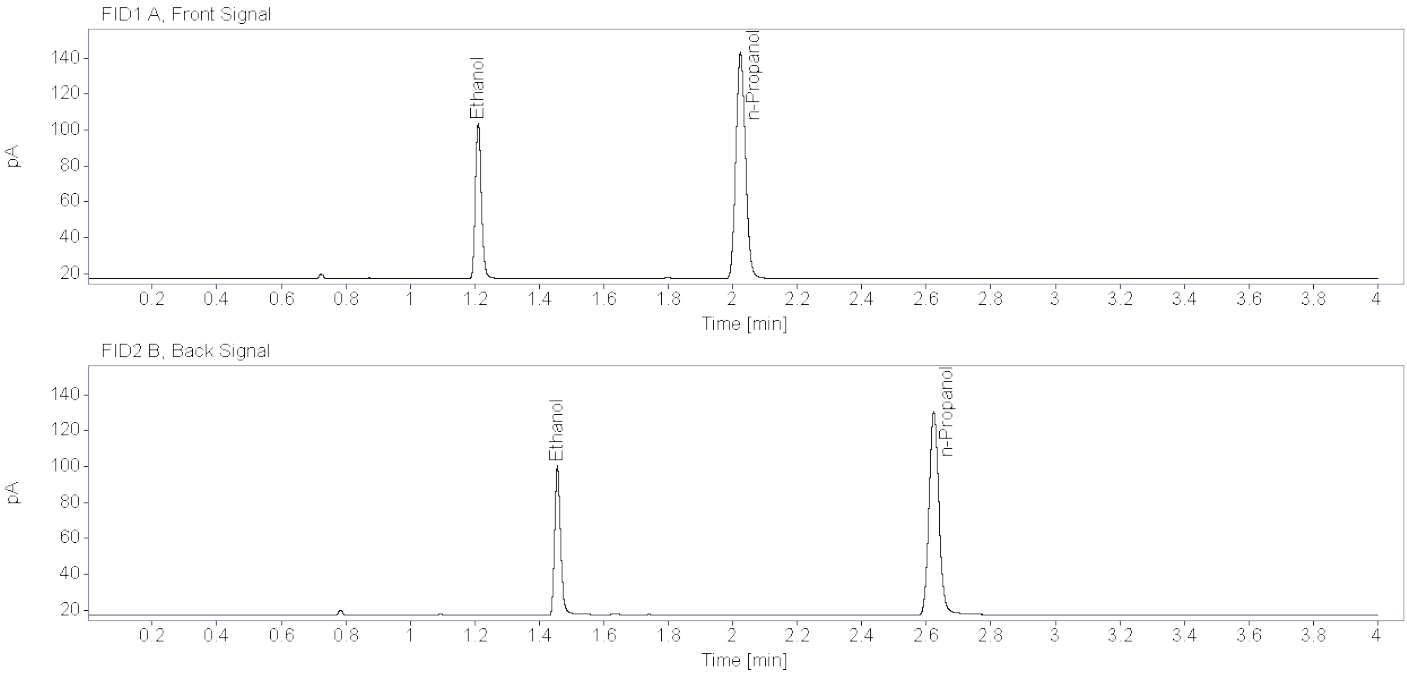
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85607	1.210	1.209	292.3924	0.2005
n-Propanol	0.87131	2.024	2.023	262.1918	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84989	1.456	1.453	274.2521	0.2005
n-Propanol	0.88877	2.623	2.621	242.0694	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0455) **Description:** **Sample Barcode** 24-0455 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:02:43 PM
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Name FID1A

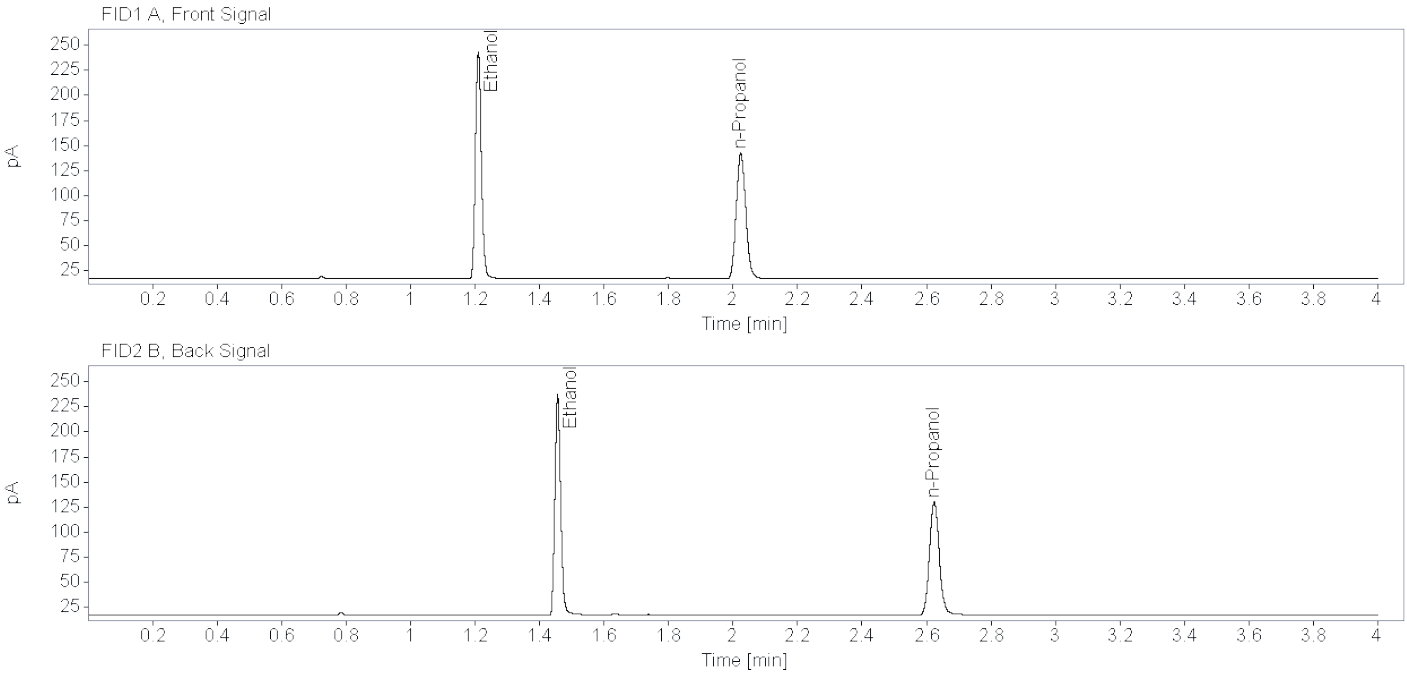
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83538	1.211	1.209	113.2133	0.0791
n-Propanol	0.87193	2.024	2.023	258.4885	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80539	1.456	1.453	105.2745	0.0785
n-Propanol	0.89272	2.623	2.621	239.2166	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-0466) **Description:** **Sample Barcode** 24-0466 **Vial Number:** 66
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:59:26 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\066F6601.D



Name FID1A

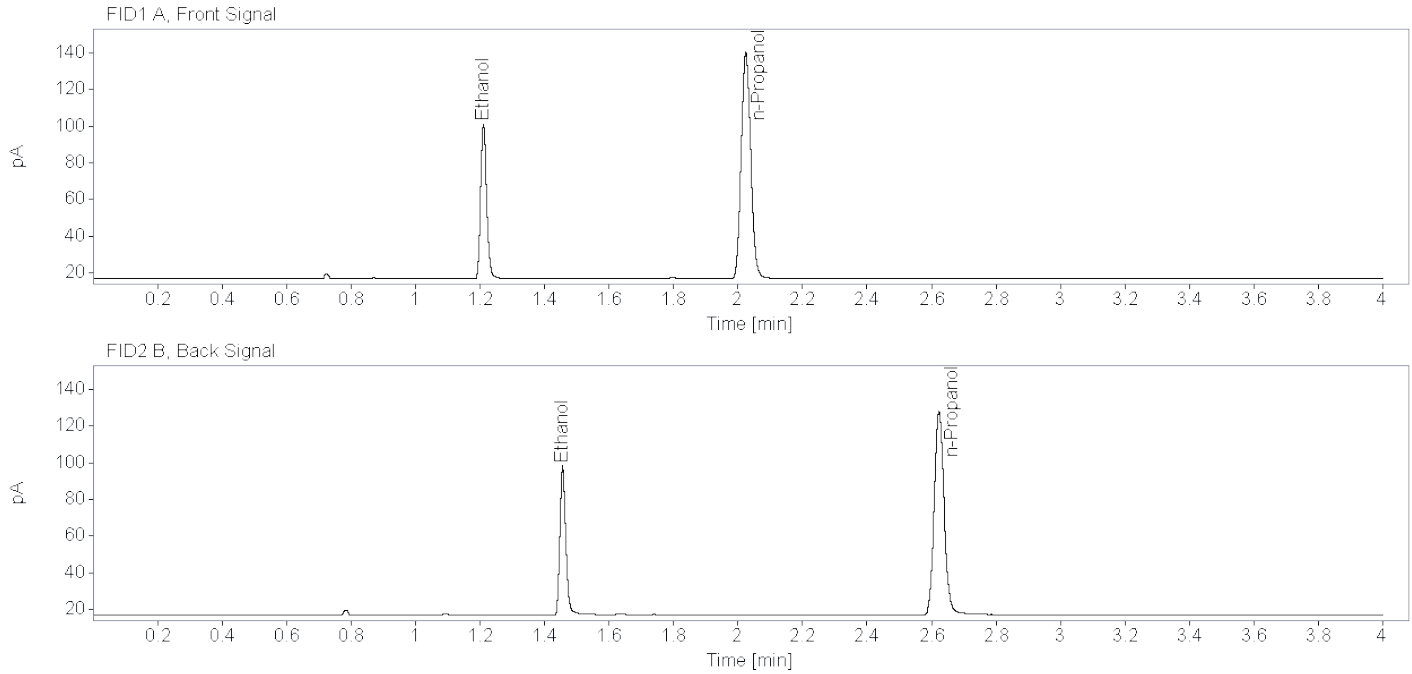
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86379	1.210	1.209	292.7968	0.2046
n-Propanol	0.87638	2.024	2.023	257.3447	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84538	1.456	1.453	275.3521	0.2050
n-Propanol	0.89795	2.624	2.621	237.7441	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-0477) **Description:** **Sample Barcode** 24-0477 **Vial Number:** 77
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:57:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\077F7701.D



Name FID1A

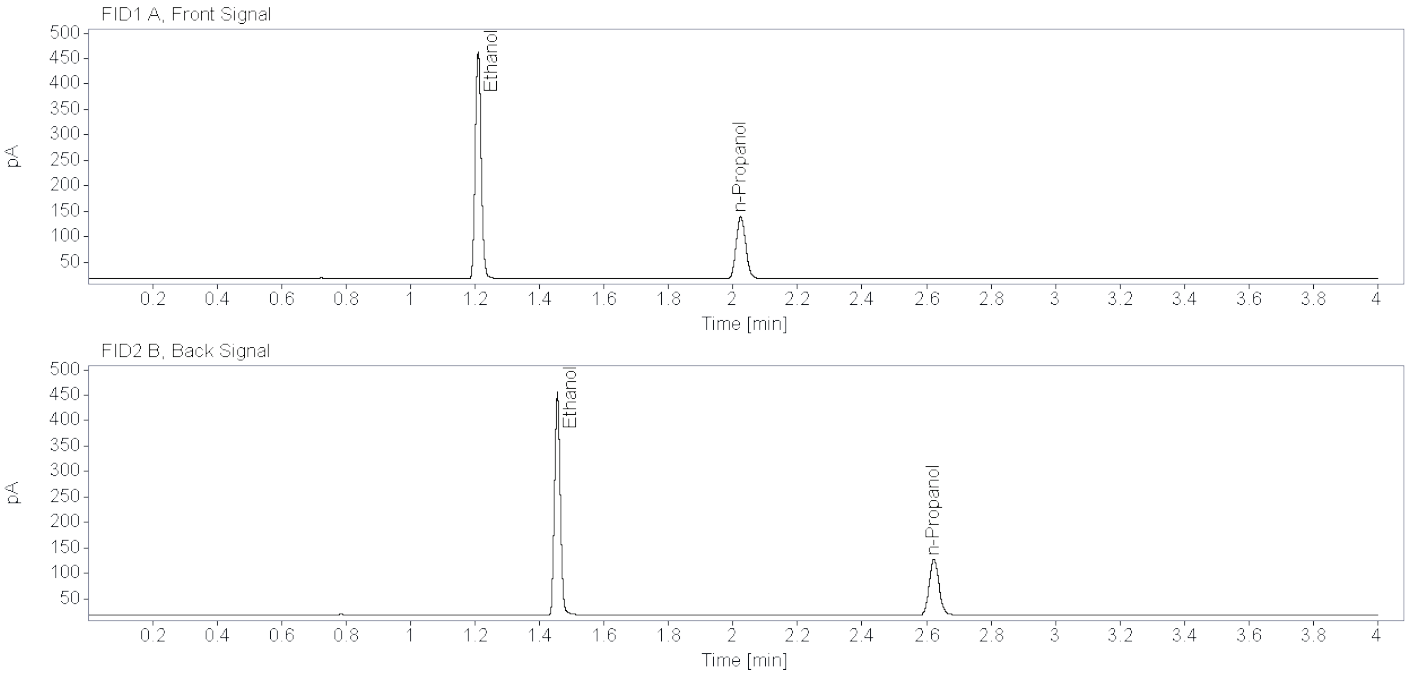
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84129	1.211	1.209	110.3784	0.0786
n-Propanol	0.88187	2.024	2.023	253.7057	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79335	1.456	1.453	102.8575	0.0781
n-Propanol	0.88521	2.623	2.621	234.8921	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-0478) **Description:** **Sample Barcode** 24-0478 **Vial Number:** 78
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 7:01:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\078F7801.D



Name FID1A

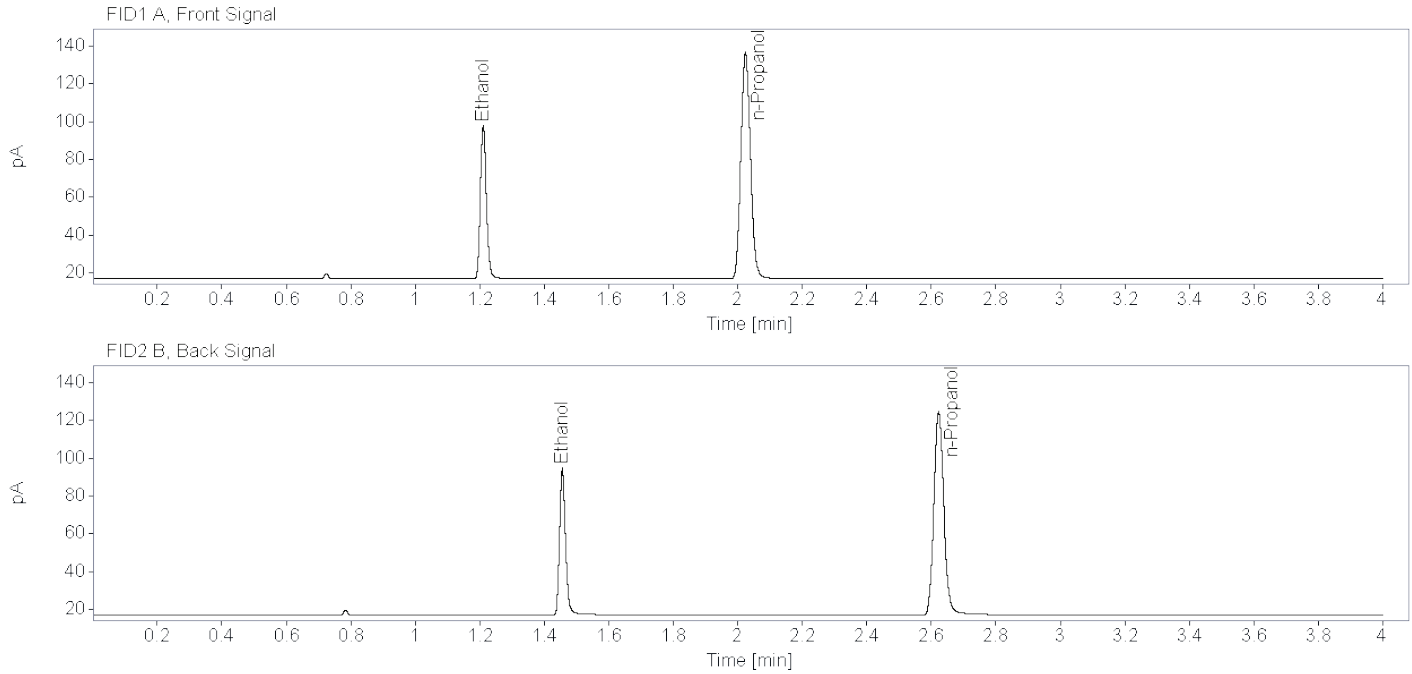
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88639	1.210	1.209	579.5224	0.4119
n-Propanol	0.87373	2.024	2.023	252.6020	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.91085	1.455	1.453	546.9444	0.4129
n-Propanol	0.89292	2.623	2.621	233.8614	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-0479) **Description:** **Sample Barcode** 24-0479 **Vial Number:** 79
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 7:07:30 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\079F7901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83152	1.211	1.209	106.2654	0.0780
n-Propanol	0.86781	2.024	2.023	246.1306	0.0100

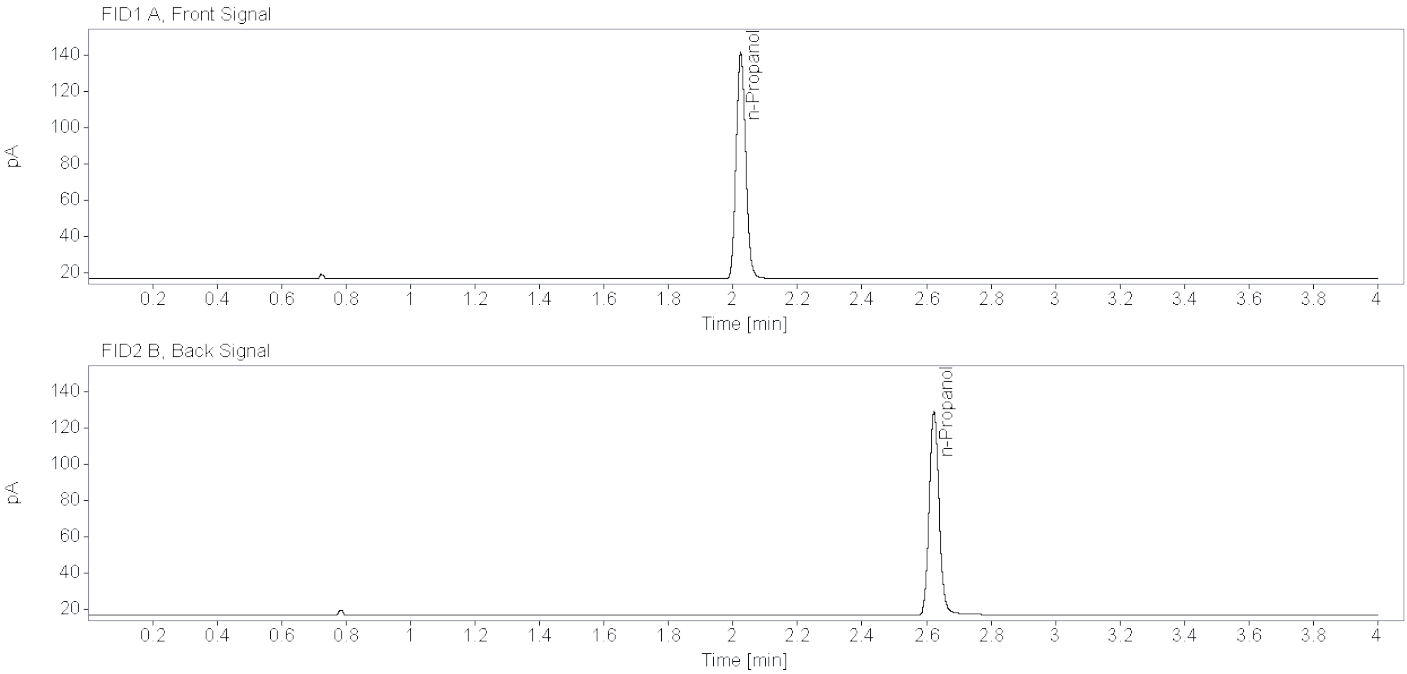
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80467	1.456	1.453	98.8540	0.0774
n-Propanol	0.88640	2.623	2.621	227.9240	0.0100

Internal standard recovery for FID2 is outside the ± 10% range of the average of the calibrators. However per TOX-02-01 SOP section 13.4, this is acceptable because internal standard recovery only pertains to case samples. --3/5/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-0480) **Description:** **Sample Barcode** 24-0480 **Vial Number:** 80
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 7:12:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\080F8001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87105	2.024	2.023	256.0357	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88885	2.623	2.621	236.9146	0.0100

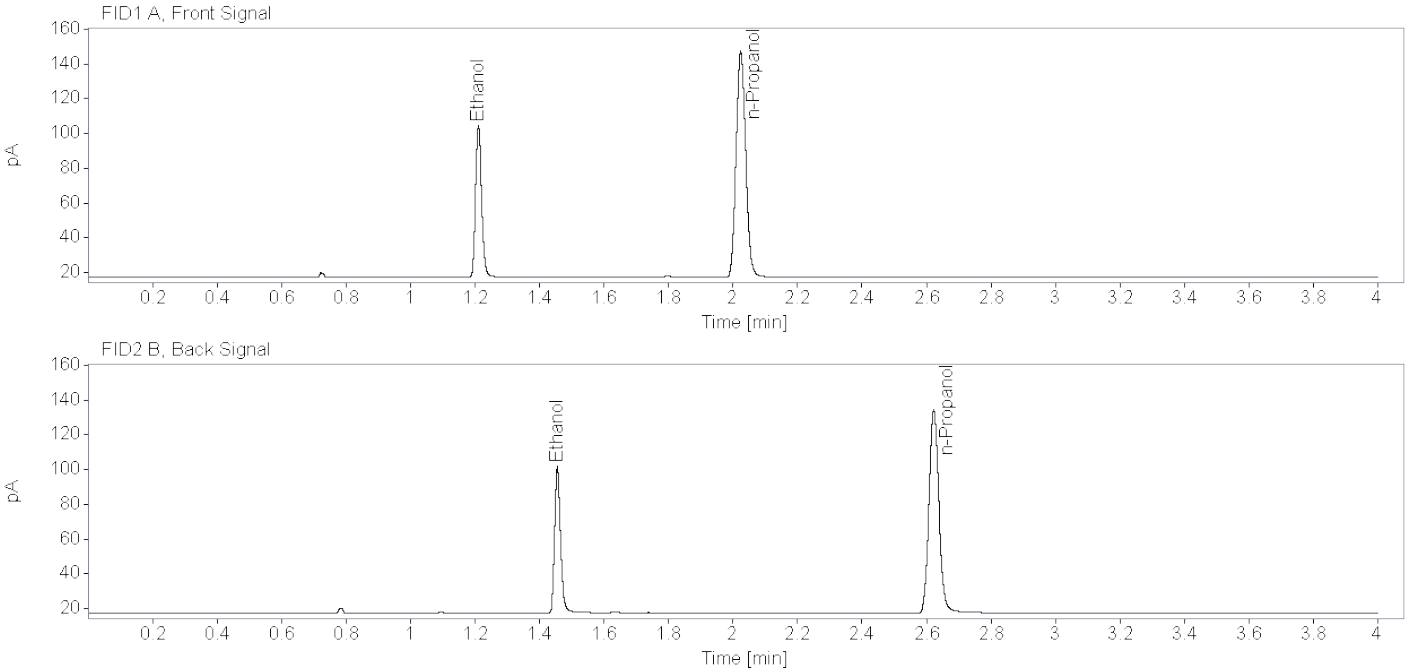
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

S-22-031C -- 3/5/2024 mh

Sample Name: Blood QC A ~~S-23-031C~~ (24-0443) **Description:** Alq 1 **Sample Barcode** 24-0443 **Vial Number:** 43

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:00:18 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84530	1.211	1.209	115.6832	0.0780
n-Propanol	0.88346	2.024	2.023	267.9721	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80554	1.455	1.453	107.2951	0.0774
n-Propanol	0.88758	2.623	2.621	247.4955	0.0100

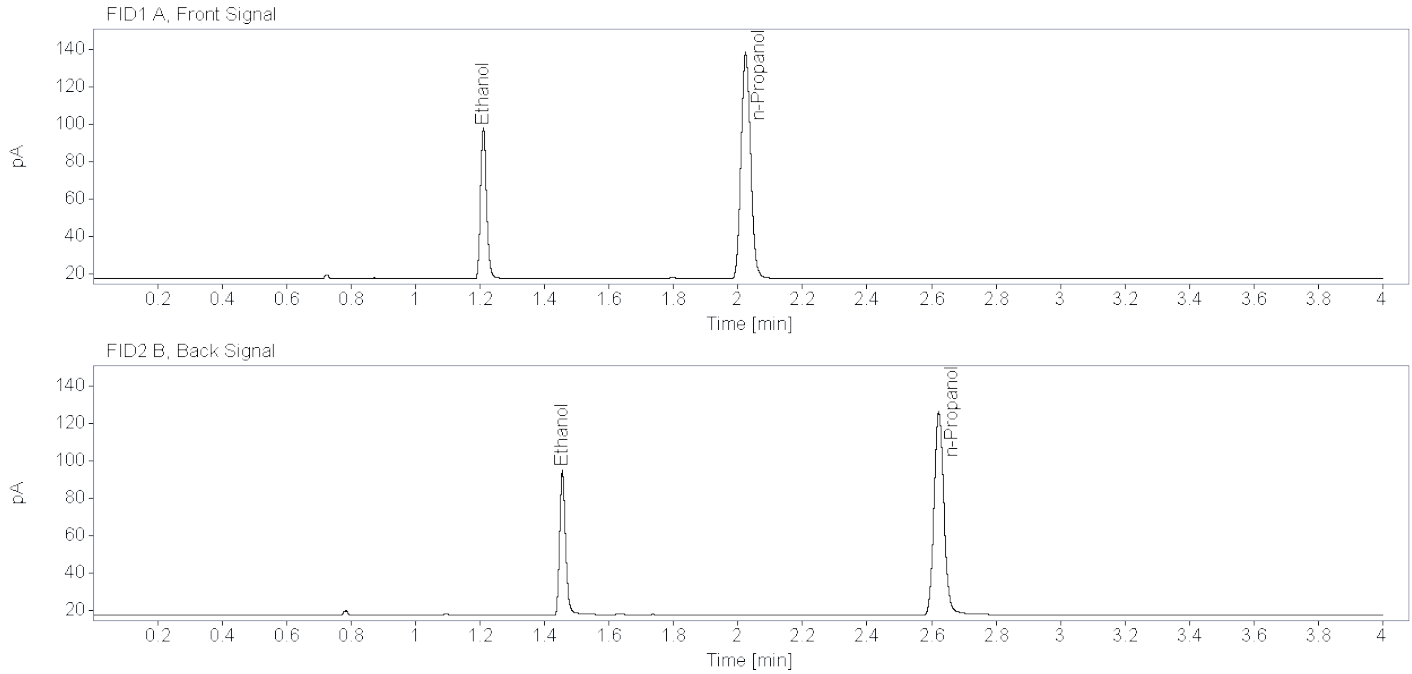
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

S-22-031C -- 3/5/2024 mh

Sample Name: Blood QC A ~~S-23-031C~~ (24-0445) **Description:** Alq 2 **Sample Barcode** 24-0445 **Vial Number:** 45

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:10:42 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83517	1.210	1.209	105.3096	0.0768
n-Propanol	0.87630	2.024	2.023	247.6470	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80082	1.455	1.453	97.4310	0.0760
n-Propanol	0.88345	2.623	2.621	228.7328	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0047 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2053	Aliquot 1:	0.2058
	Aliquot 2:	0.2010	Aliquot 2:	0.2004

Reported Result: **0.203** **g/100 mL**

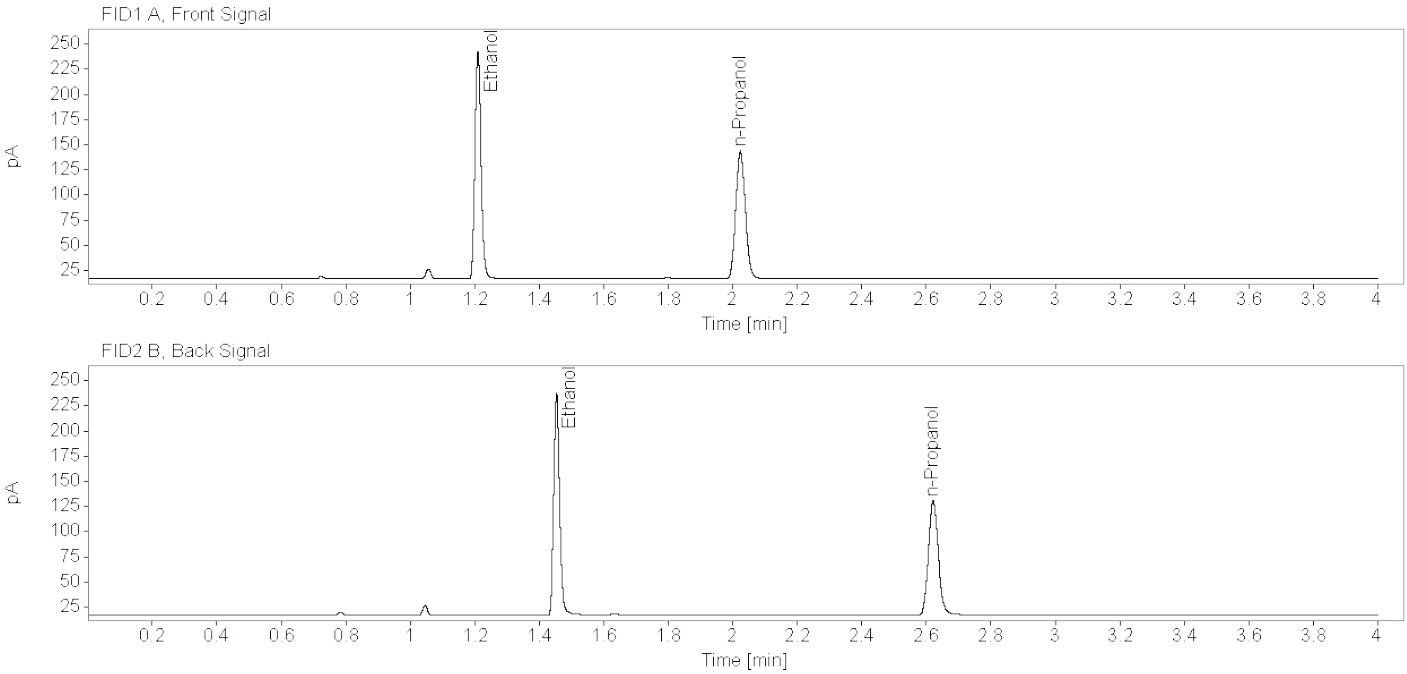
Reported UM: **0.029** **g/100 mL**

Comments: Previously analyzed in BAC_20240222_MH -- 3/5/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0047 001 (24-0412) **Description:** Alq 1 **Sample Barcode** 24-0412 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:18:38 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\012F1201.D



Name FID1A

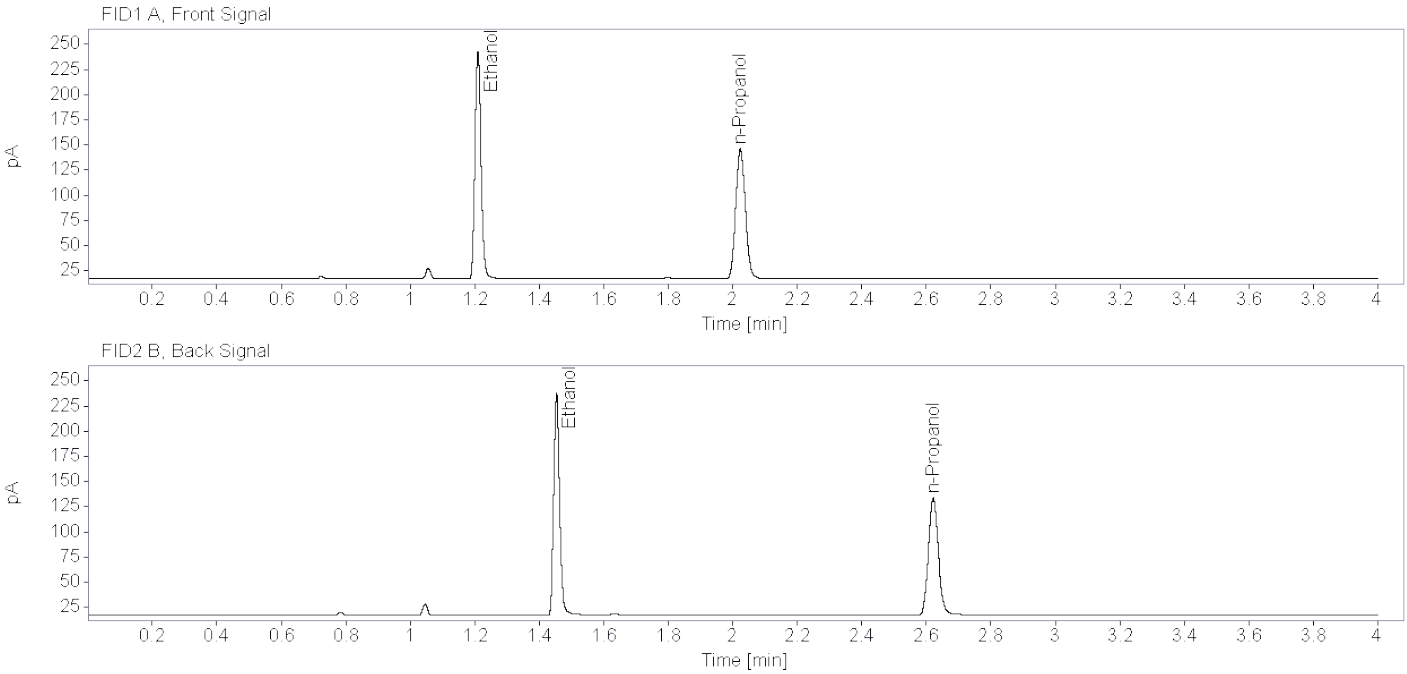
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85118	1.210	1.209	298.5519	0.2053
n-Propanol	0.87877	2.024	2.023	261.5110	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84302	1.454	1.453	280.8442	0.2058
n-Propanol	0.89728	2.622	2.621	241.5232	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0047 001 (24-0476) **Description:** Alq 2 **Sample Barcode** 24-0476 **Vial Number:** 76
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:51:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\076F7601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84560	1.210	1.209	299.1823	0.2010
n-Propanol	0.86826	2.023	2.023	267.6381	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84264	1.454	1.453	281.0092	0.2004
n-Propanol	0.90142	2.622	2.621	248.1599	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0116 001_001

Batch Name: BAC_20240304_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:

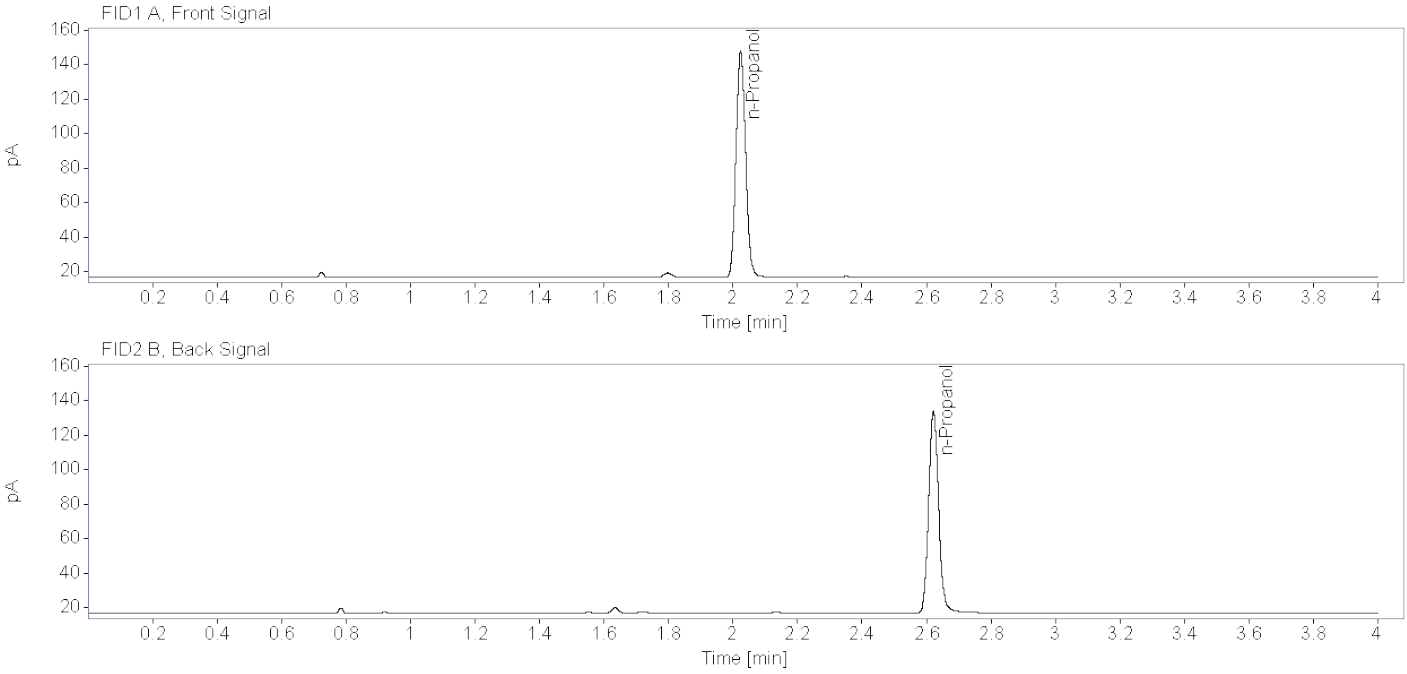
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0116 001_001 (24-0413) **Description:** Alq 1 **Sample Barcode** 24-0413 **Vial Number:** 13

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:24:18 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88124	2.023	2.023	270.1362	0.0100

Name FID2B

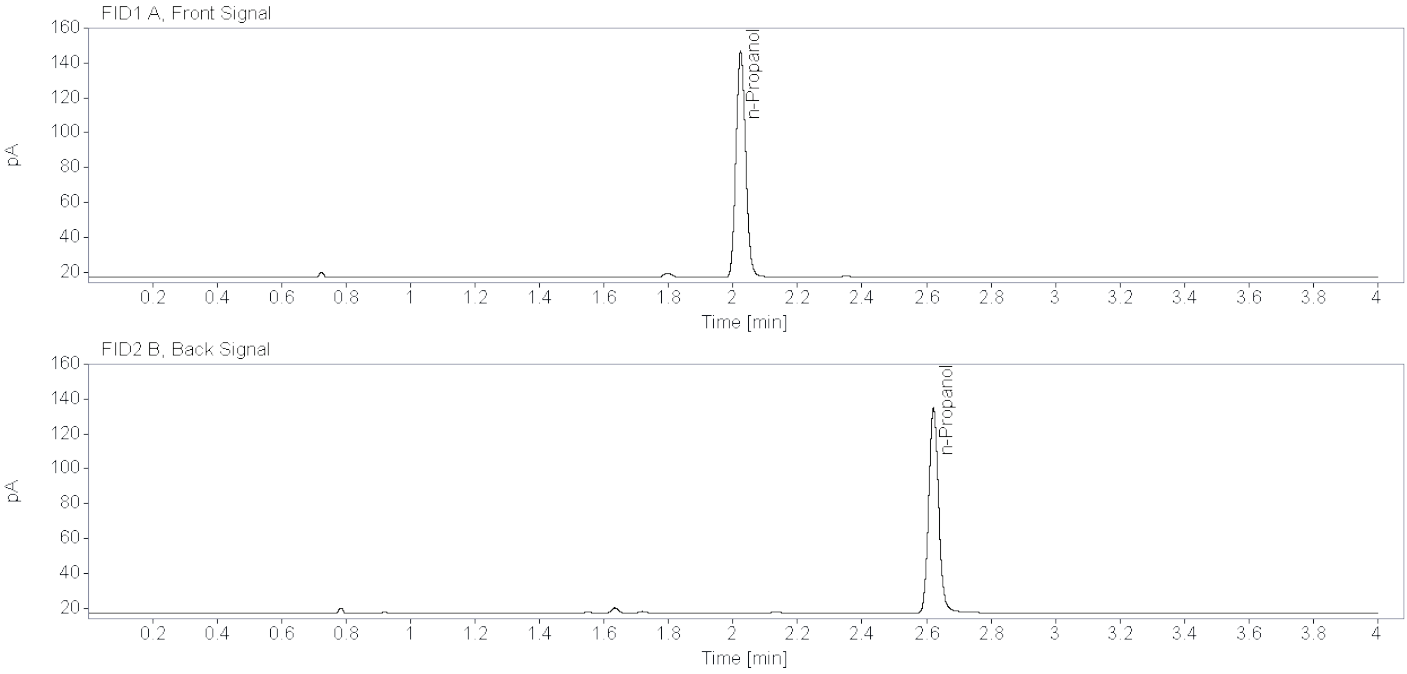
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89044	2.621	2.621	249.5993	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0116 001_001 (24-0475) **Description:** Alq 2 **Sample Barcode** 24-0475 **Vial Number:** 75

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:46:42 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\075F7501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88286	2.024	2.023	269.2167	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89315	2.622	2.621	249.5068	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0184 001_001

Batch Name: BAC_20240304_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:

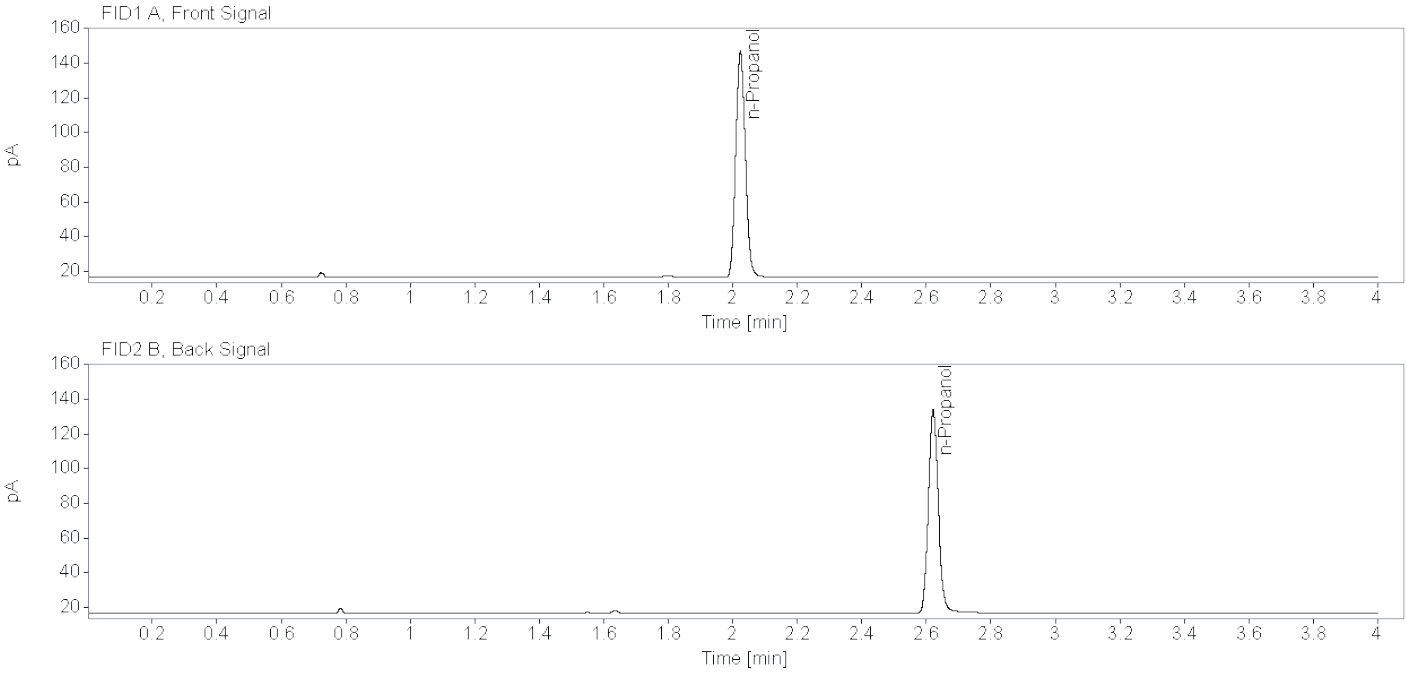
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0184 001_001 (24-0414) **Description:** Alq 1 **Sample Barcode** 24-0414 **Vial Number:** 14

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:29:02 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88474	2.024	2.023	269.1181	0.0100

Name FID2B

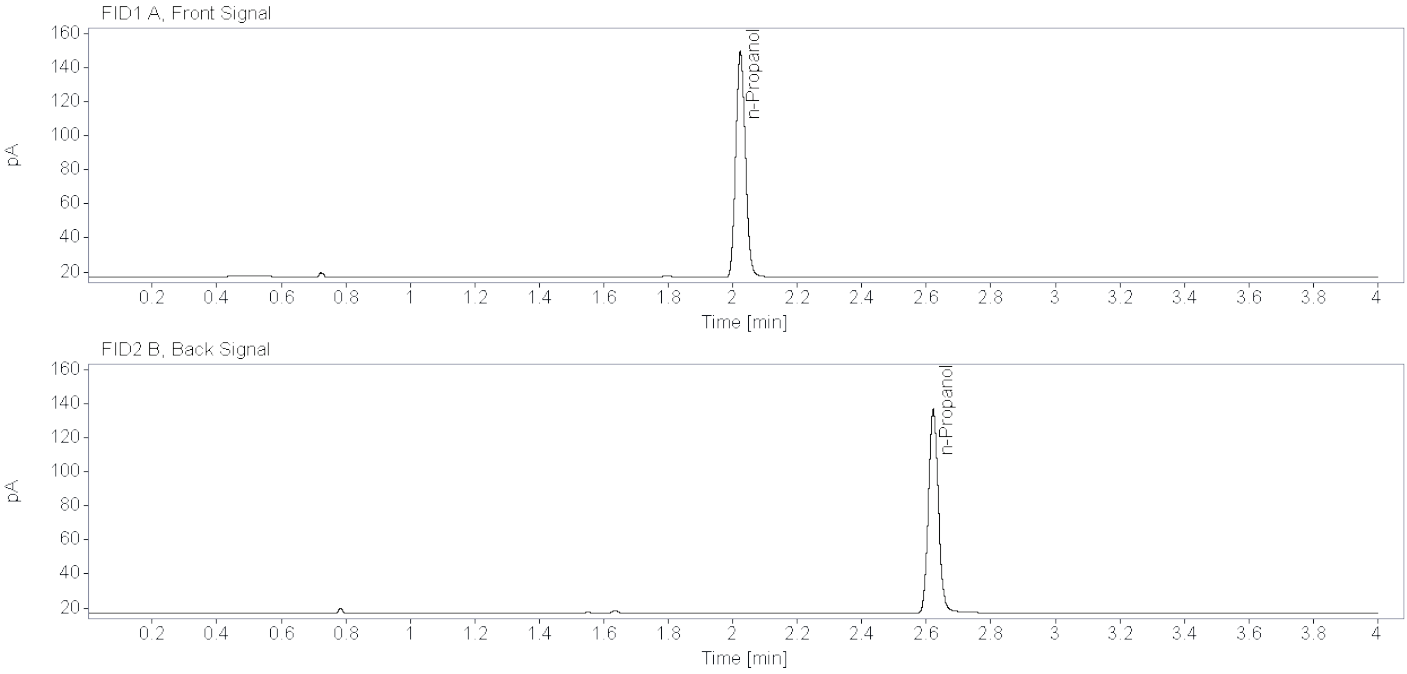
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89747	2.621	2.621	248.2773	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0184 001_001 (24-0474) **Description:** Alq 2 **Sample Barcode** 24-0474 **Vial Number:** 74

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:41:01 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\074F7401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86955	2.024	2.023	274.1271	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89398	2.622	2.621	254.1575	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0408 002

Batch Name: BAC_20240304_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**

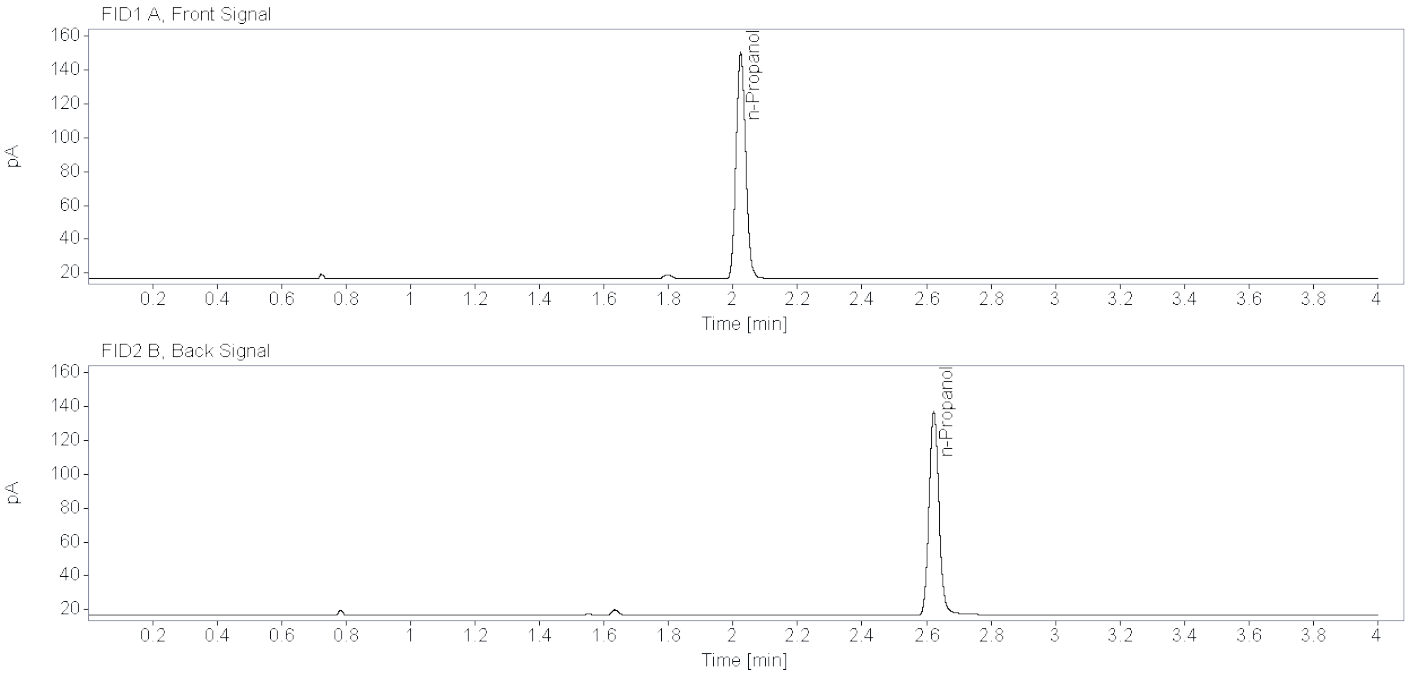
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0408 002 (24-0415) **Description:** Alq 1 **Sample Barcode** 24-0415 **Vial Number:** 15
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:34:42 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\015F1501.D



Name FID1A

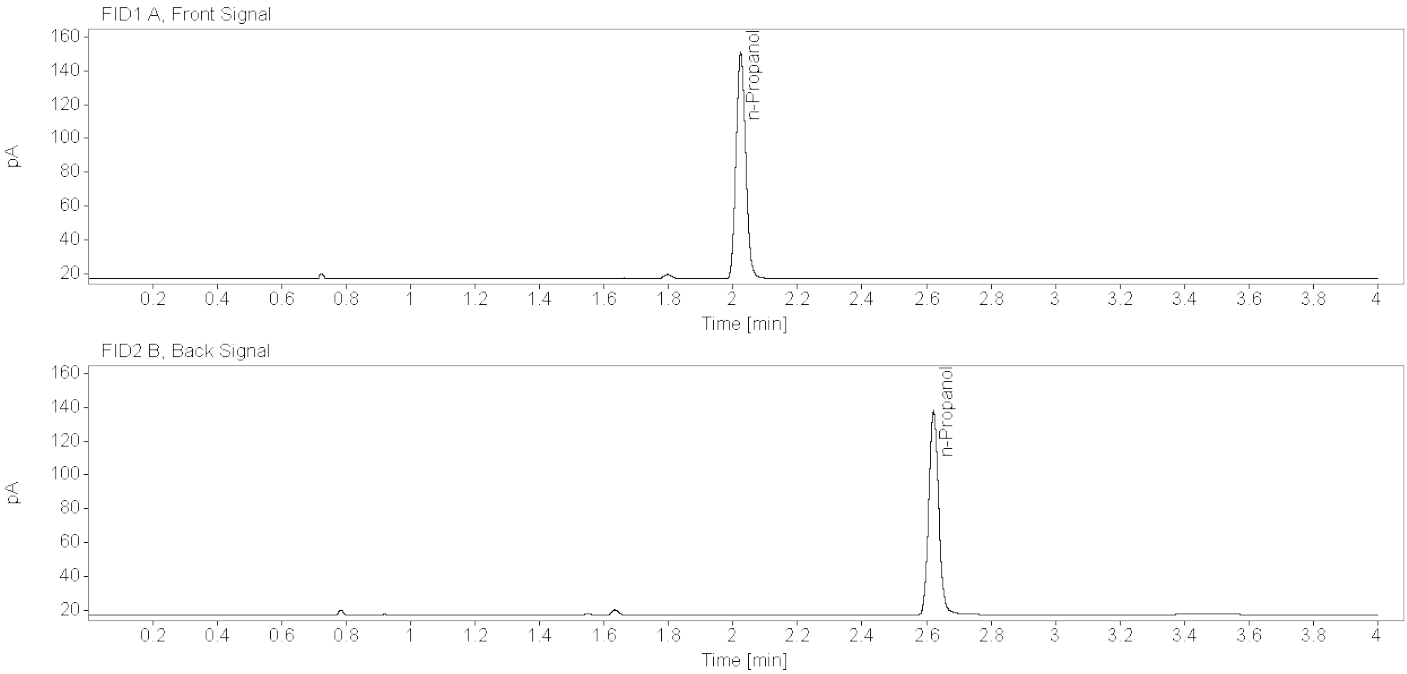
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88368	2.024	2.023	275.9303	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89467	2.623	2.621	254.4262	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0408 002 (24-0473) **Description:** Alq 2 **Sample Barcode** 24-0473 **Vial Number:** 73
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:36:18 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\073F7301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87592	2.024	2.023	276.6682	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89419	2.622	2.621	256.0461	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0423 001

Batch Name: BAC_20240304_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

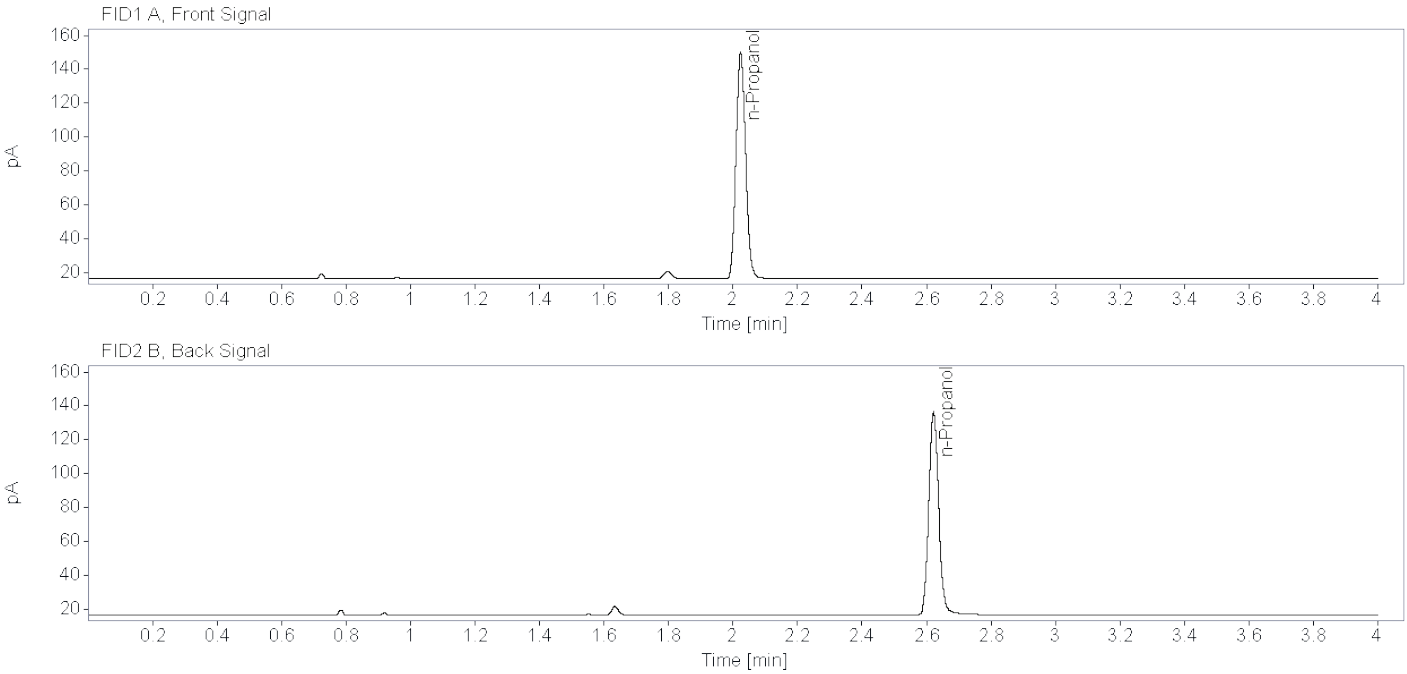
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0423 001 (24-0416) **Description:** Alq 1 **Sample Barcode** 24-0416 **Vial Number:** 16
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:39:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\016F1601.D



Name FID1A

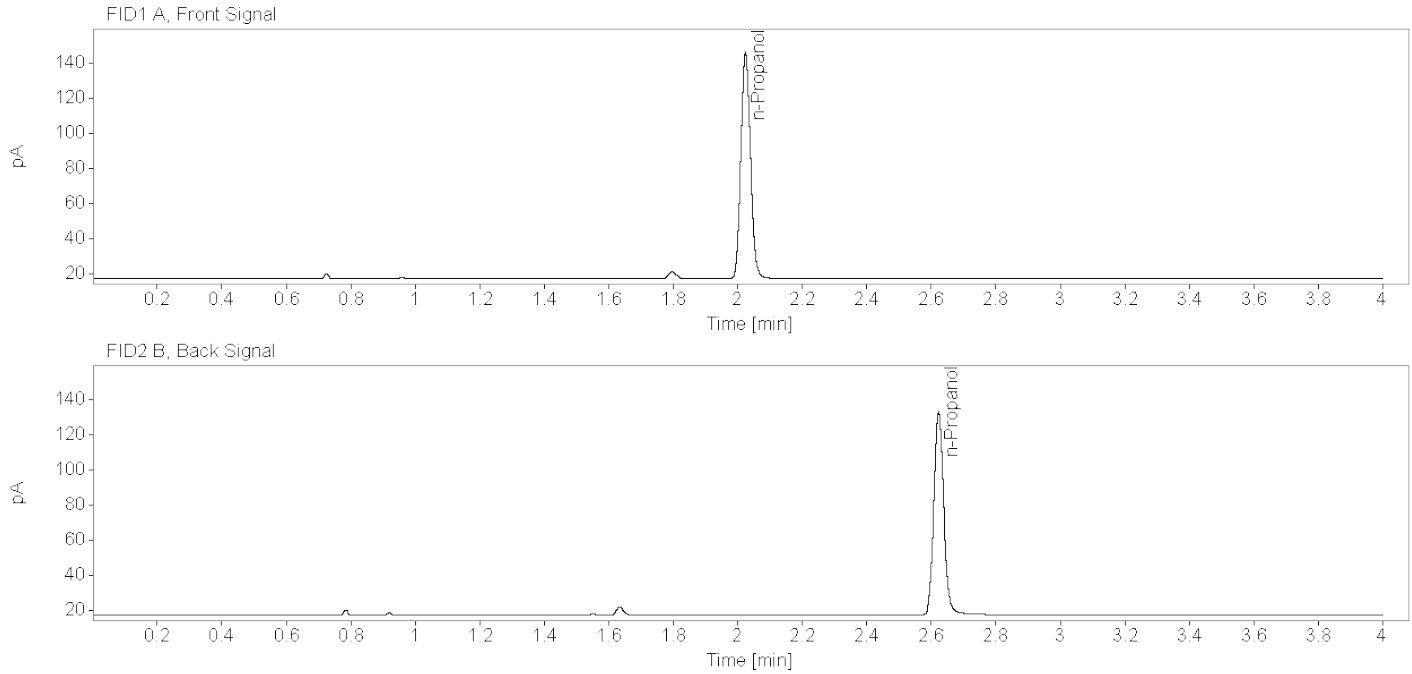
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88167	2.024	2.023	274.9302	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89057	2.622	2.621	253.4514	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0423 001 (24-0472) **Description:** Alq 2 **Sample Barcode** 24-0472 **Vial Number:** 72
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:30:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87320	2.024	2.023	265.7422	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89524	2.623	2.621	245.4919	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0469 001

Batch Name: BAC_20240304_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

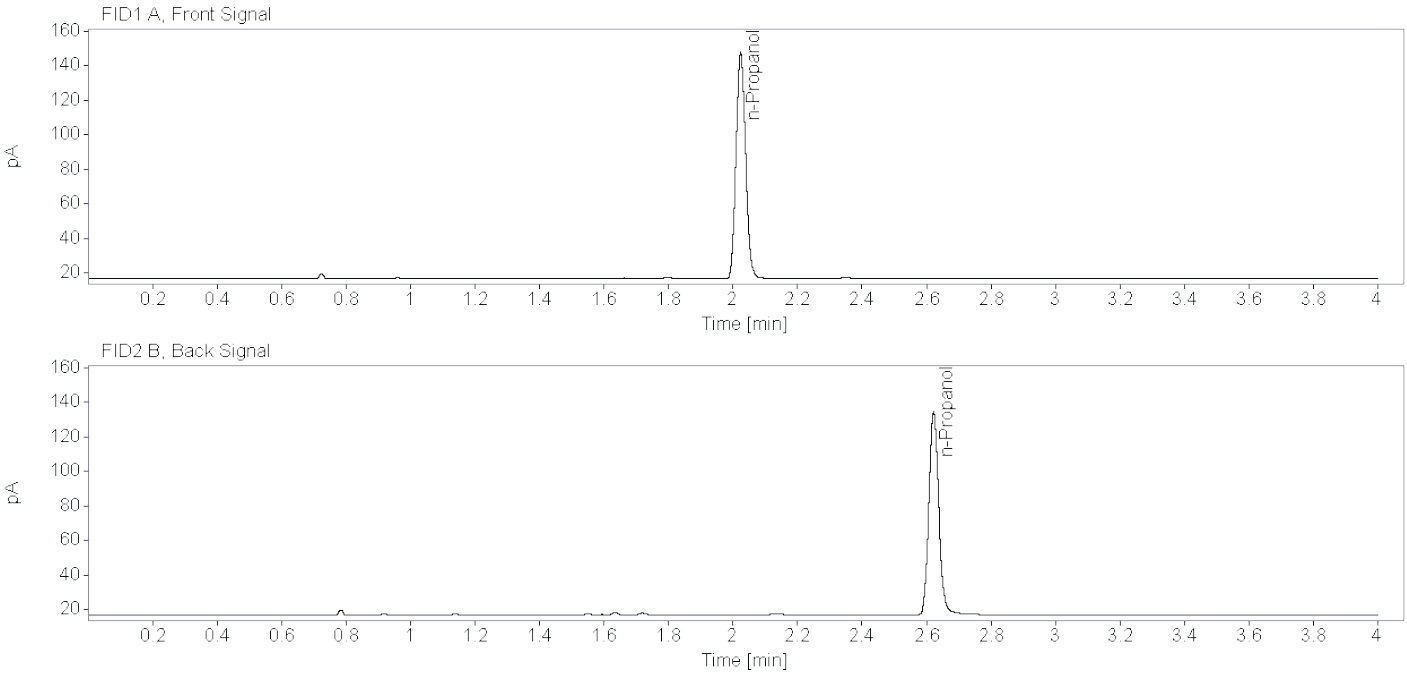
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0469 001 (24-0417) **Description:** Alq 1 **Sample Barcode** 24-0417 **Vial Number:** 17
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:45:05 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\017F1701.D



Name FID1A

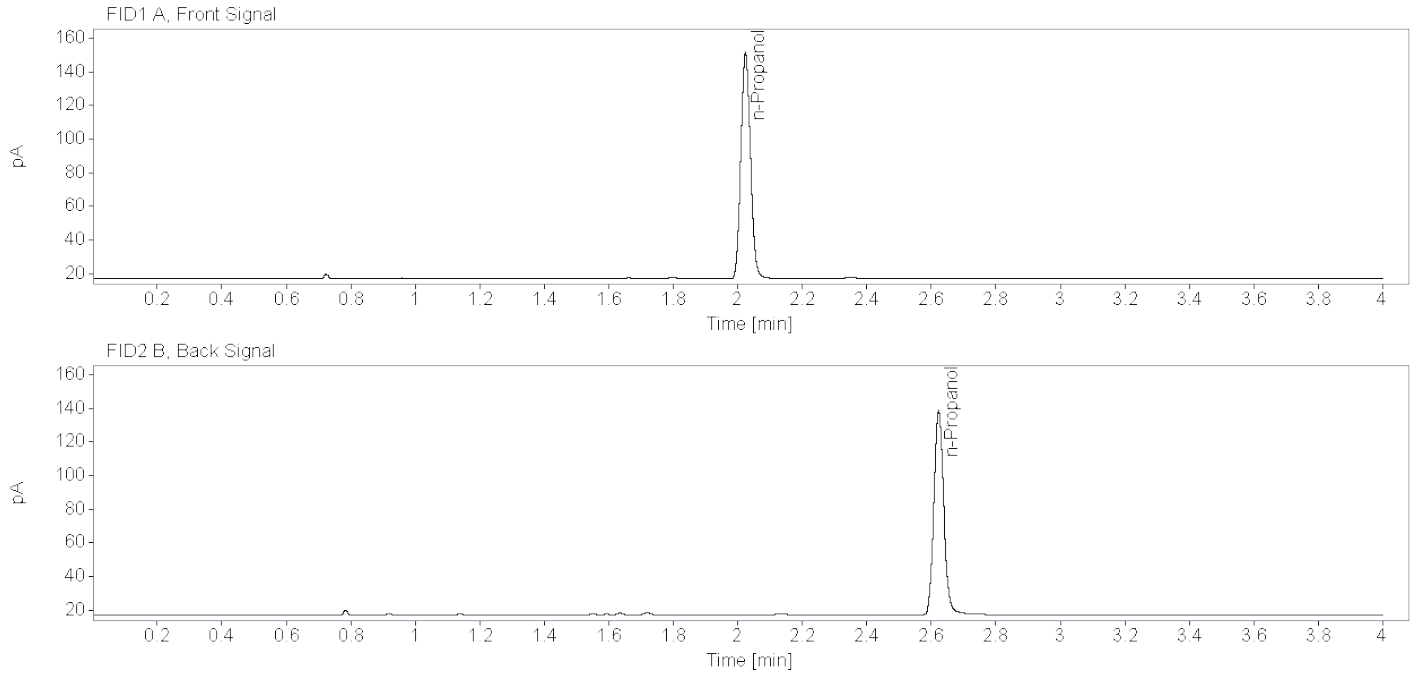
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88291	2.024	2.023	269.0884	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88854	2.622	2.621	248.7248	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0469 001 (24-0471) **Description:** Alq 2 **Sample Barcode** 24-0471 **Vial Number:** 71
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:25:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\071F7101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87879	2.024	2.023	276.1702	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89162	2.623	2.621	256.8300	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0511 001_001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: none detected

Reported UM: _____

Comments:

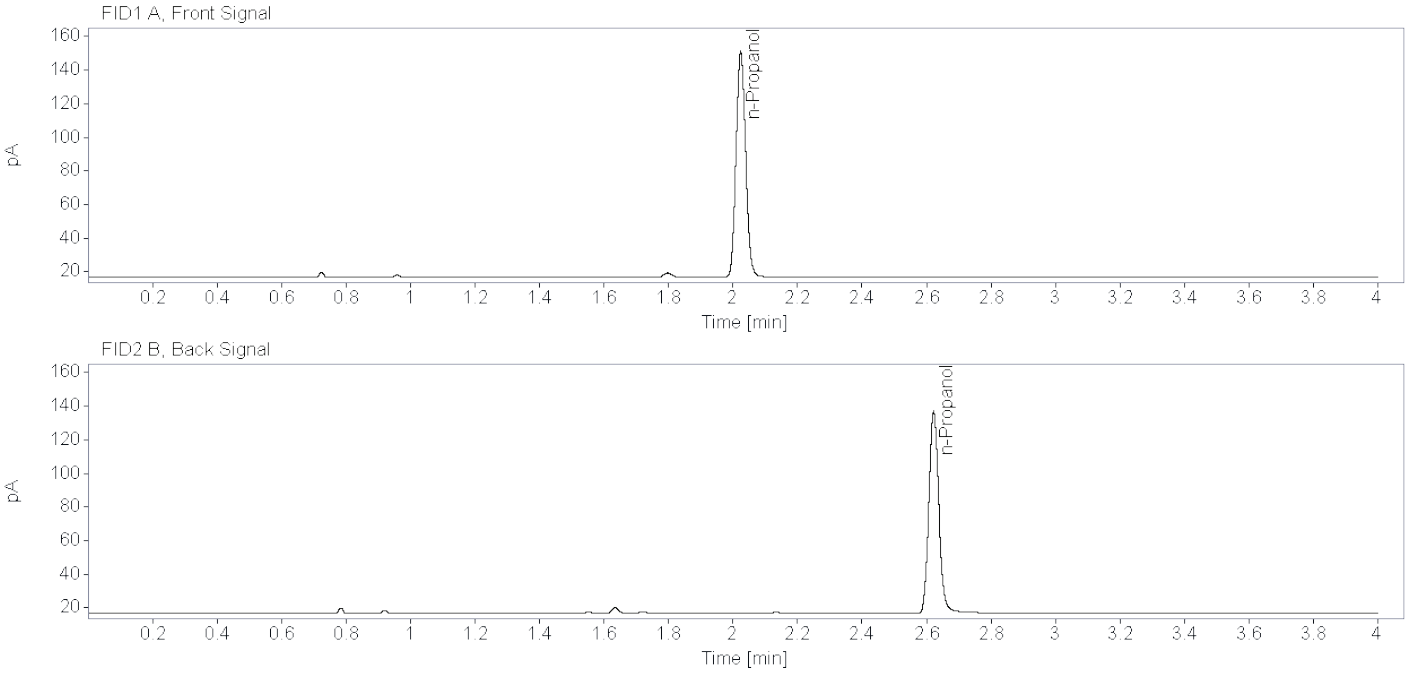
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0511 001_001 (24-0418) **Description:** Alq 1 **Sample Barcode** 24-0418 **Vial Number:** 18

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:49:49 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88668	2.024	2.023	276.5595	0.0100

Name FID2B

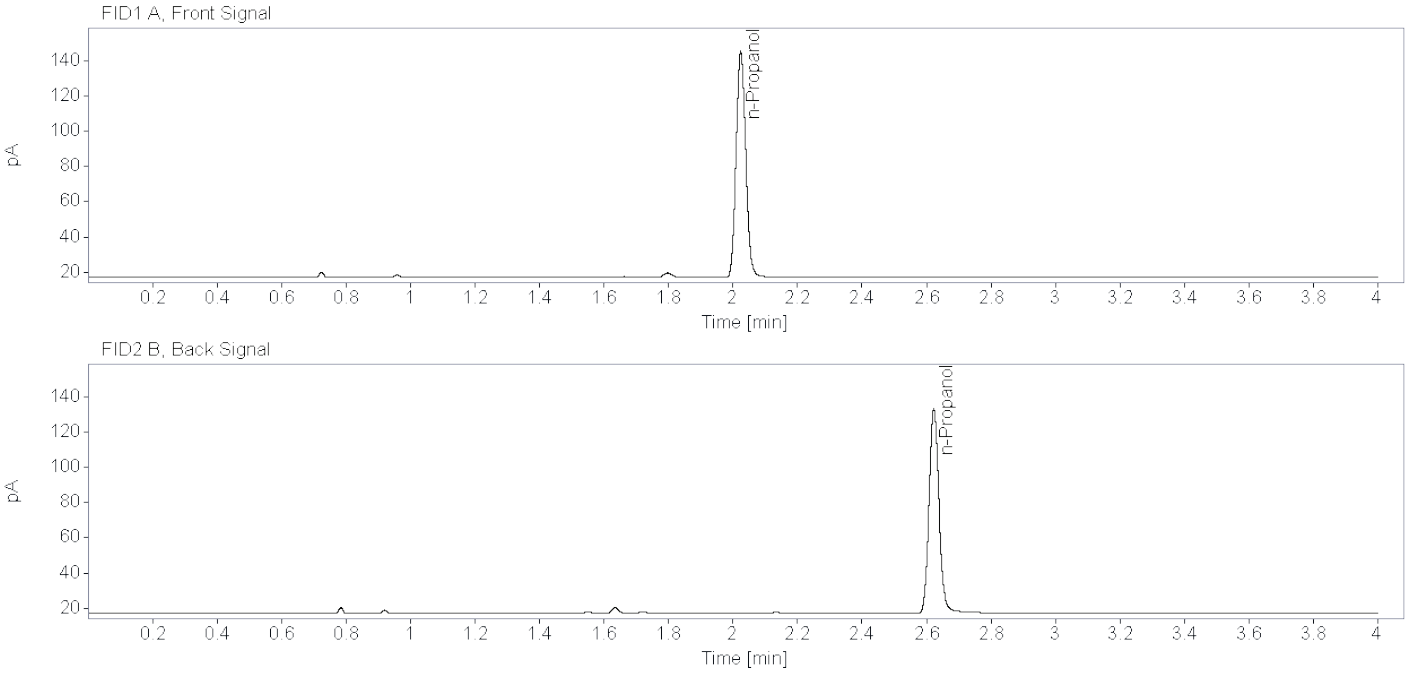
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89286	2.622	2.621	254.7510	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0511 001_001 (24-0470) **Description:** Alq 2 **Sample Barcode** 24-0470 **Vial Number:** 70

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:20:13 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\070F7001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87635	2.024	2.023	265.6399	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89023	2.623	2.621	246.0214	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0518 001_001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: none detected

Reported UM: _____

Comments:

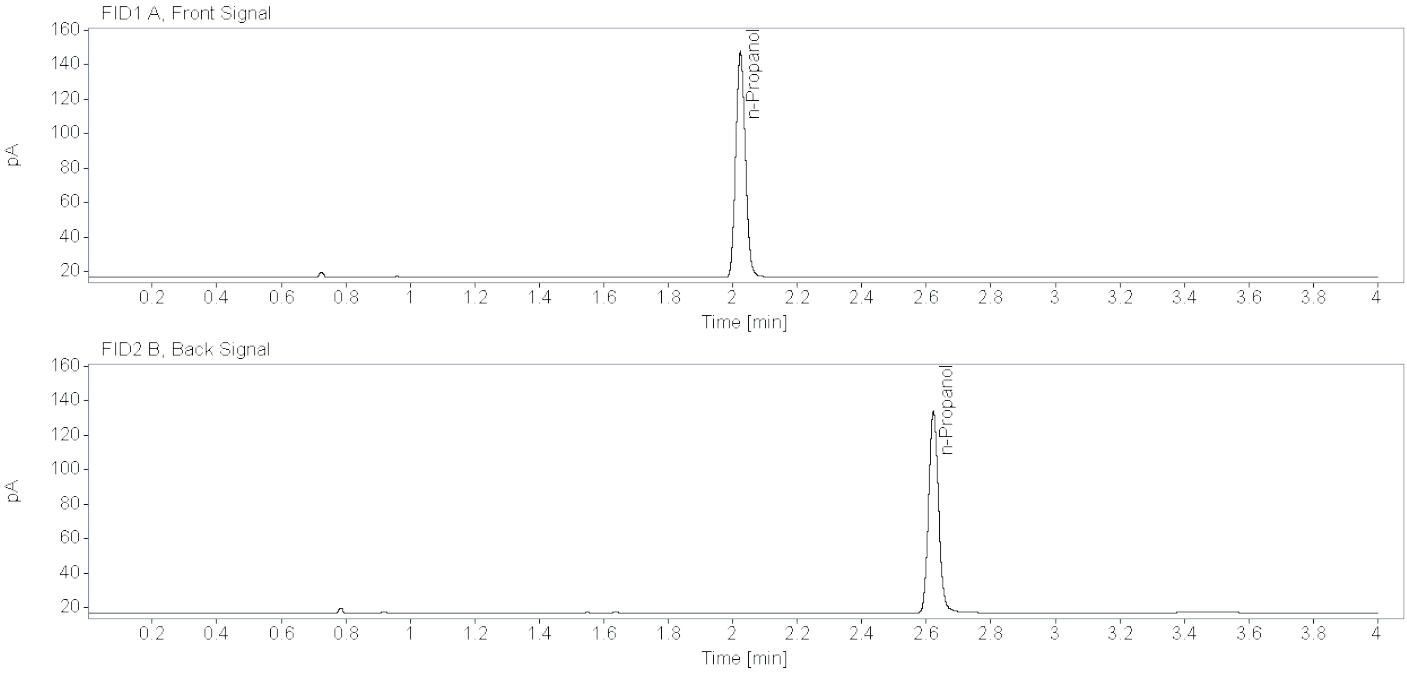
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0518 001_001 (24-0419) **Description:** Alq 1 **Sample Barcode** 24-0419 **Vial Number:** 19

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 1:55:30 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87470	2.024	2.023	268.8419	0.0100

Name FID2B

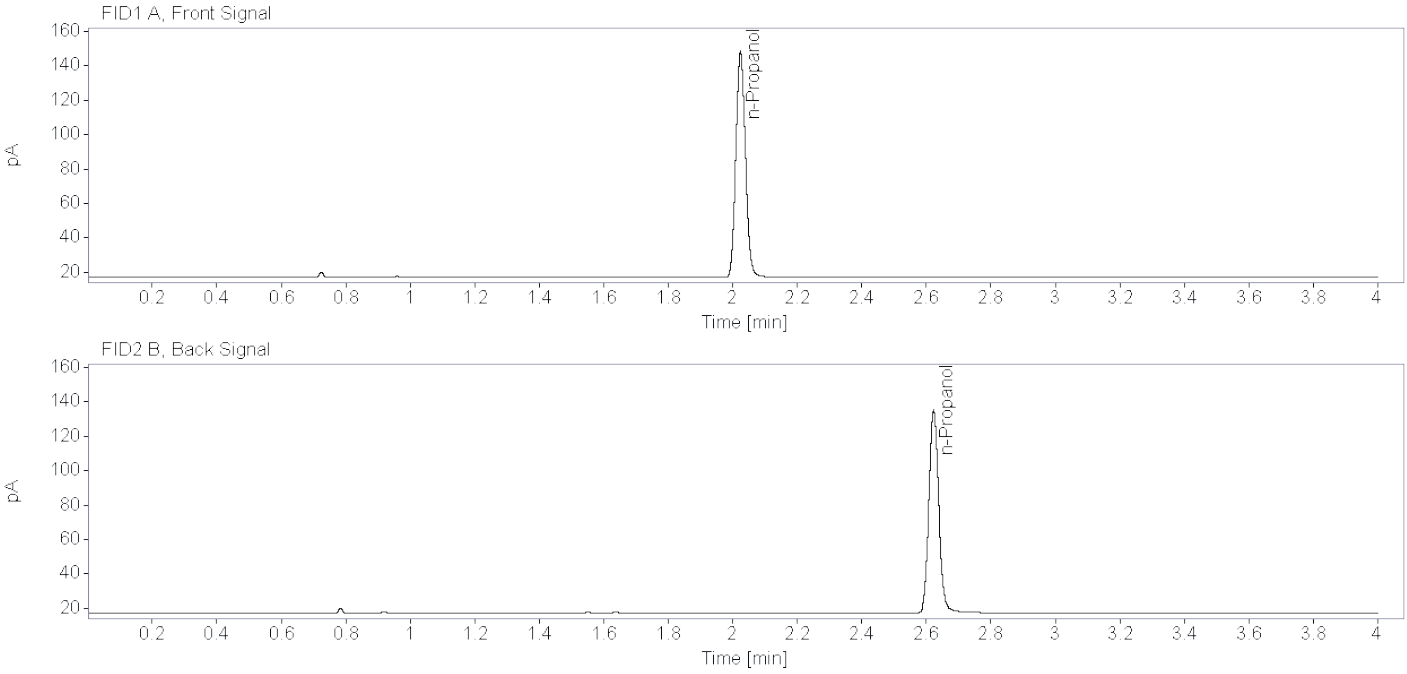
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89045	2.622	2.621	247.8847	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0518 001_001 (24-0469) **Description:** Alq 2 **Sample Barcode** 24-0469 **Vial Number:** 69

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:15:31 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\069F6901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87436	2.024	2.023	269.8495	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.90014	2.623	2.621	250.0013	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0563 001

Batch Name: BAC_20240304_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

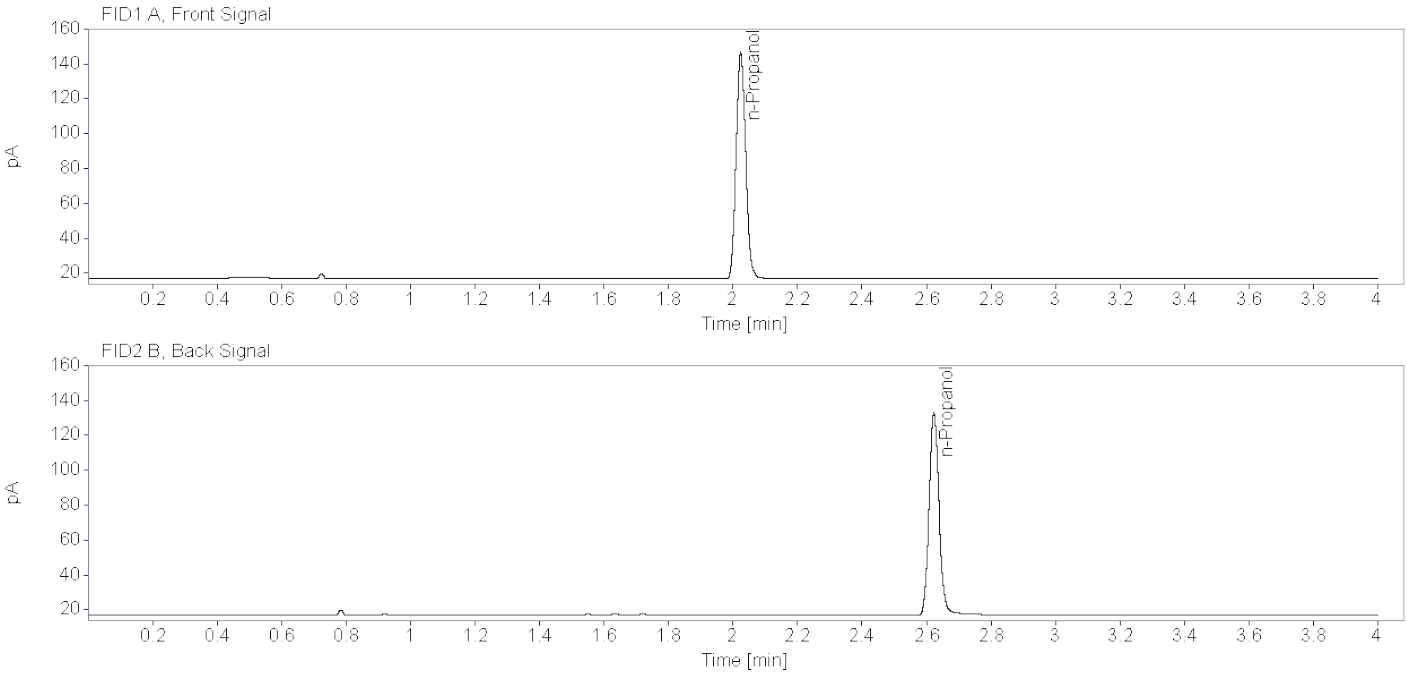
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0563 001 (24-0420) **Description:** Alq 1 **Sample Barcode** 24-0420 **Vial Number:** 20
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:00:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\020F2001.D



Name FID1A

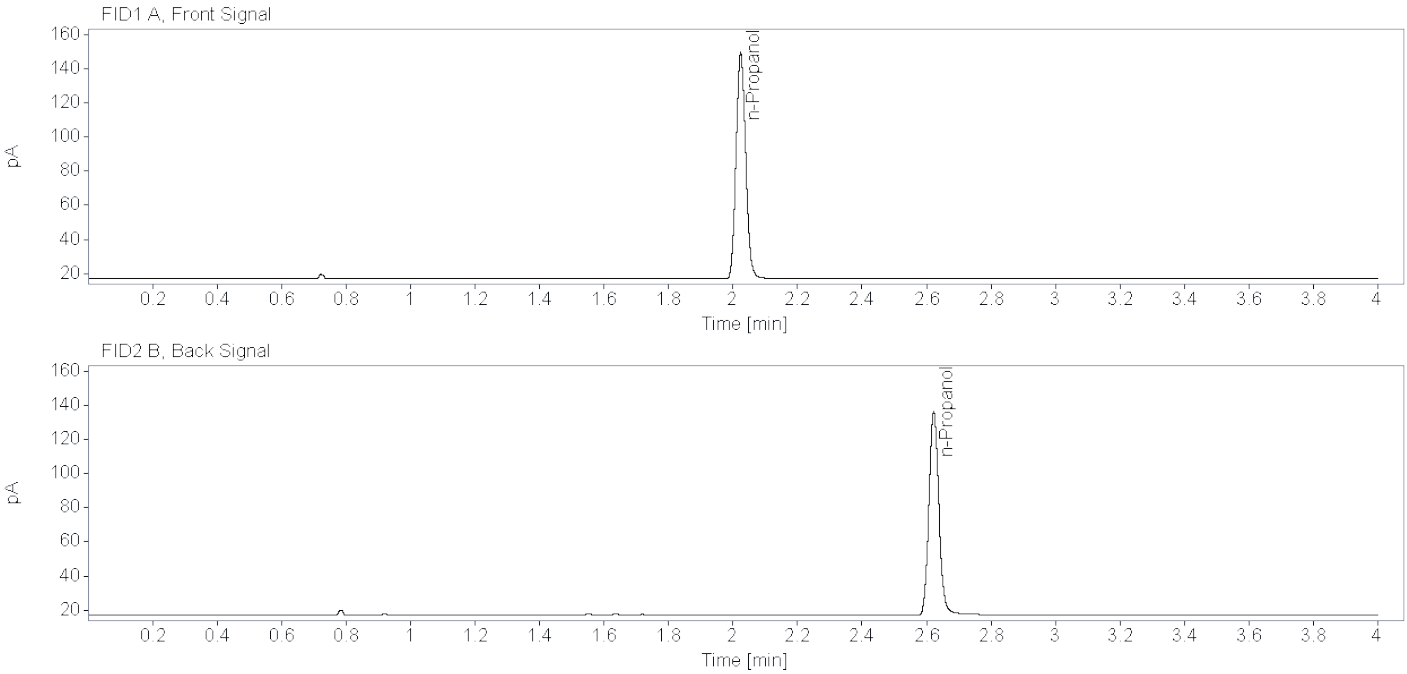
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88012	2.024	2.023	266.2115	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88921	2.623	2.621	245.6715	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0563 001 (24-0468) **Description:** Alq 2 **Sample Barcode** 24-0468 **Vial Number:** 68
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:09:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\068F6801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87340	2.024	2.023	272.7688	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89303	2.622	2.621	252.7856	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0582 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1080	Aliquot 1:	0.1081
	Aliquot 2:	0.1103	Aliquot 2:	0.1096

Reported Result: **0.109** **g/100 mL**

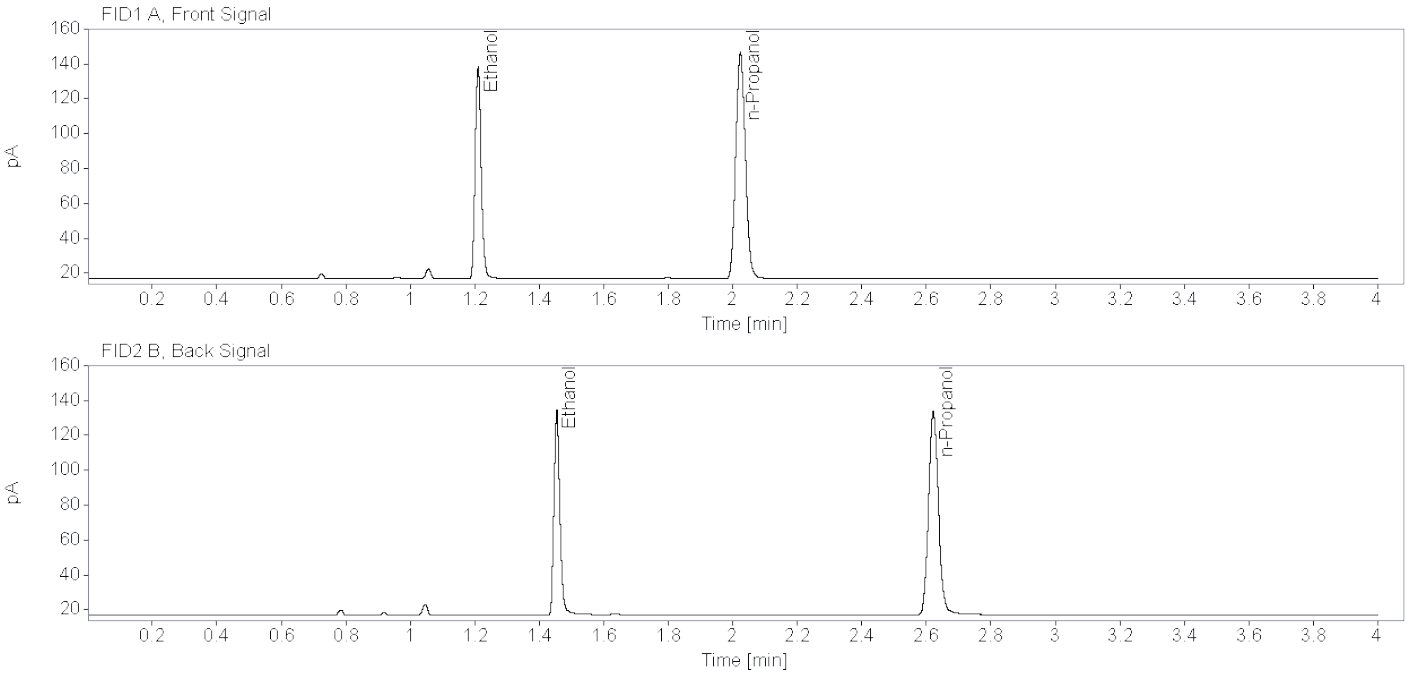
Reported UM: **0.016** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0582 001 (24-0421) **Description:** Alq 1 **Sample Barcode** 24-0421 **Vial Number:** 21
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:05:54 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\021F2101.D



Name FID1A

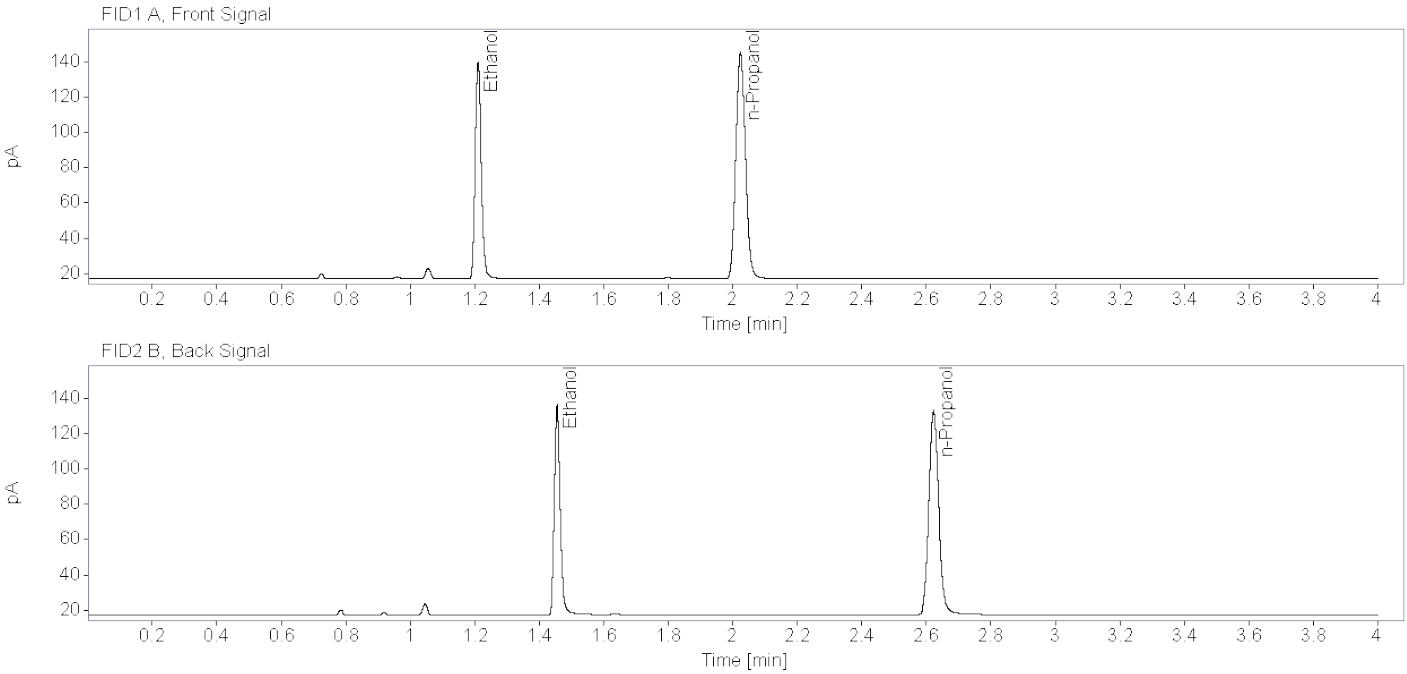
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83498	1.210	1.209	160.3410	0.1080
n-Propanol	0.88185	2.024	2.023	267.5917	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81609	1.454	1.453	150.1776	0.1081
n-Propanol	0.88709	2.622	2.621	246.9626	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0582 001 (24-0467) **Description:** Alq 2 **Sample Barcode** 24-0467 **Vial Number:** 67
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 6:05:06 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83307	1.210	1.209	161.9750	0.1103
n-Propanol	0.87366	2.024	2.023	264.6935	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81465	1.455	1.453	151.2635	0.1096
n-Propanol	0.88949	2.623	2.621	245.3571	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0586 009

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1501	Aliquot 1:	0.1502
	Aliquot 2:	0.1513	Aliquot 2:	0.1505

Reported Result: **0.150** **g/100 mL**

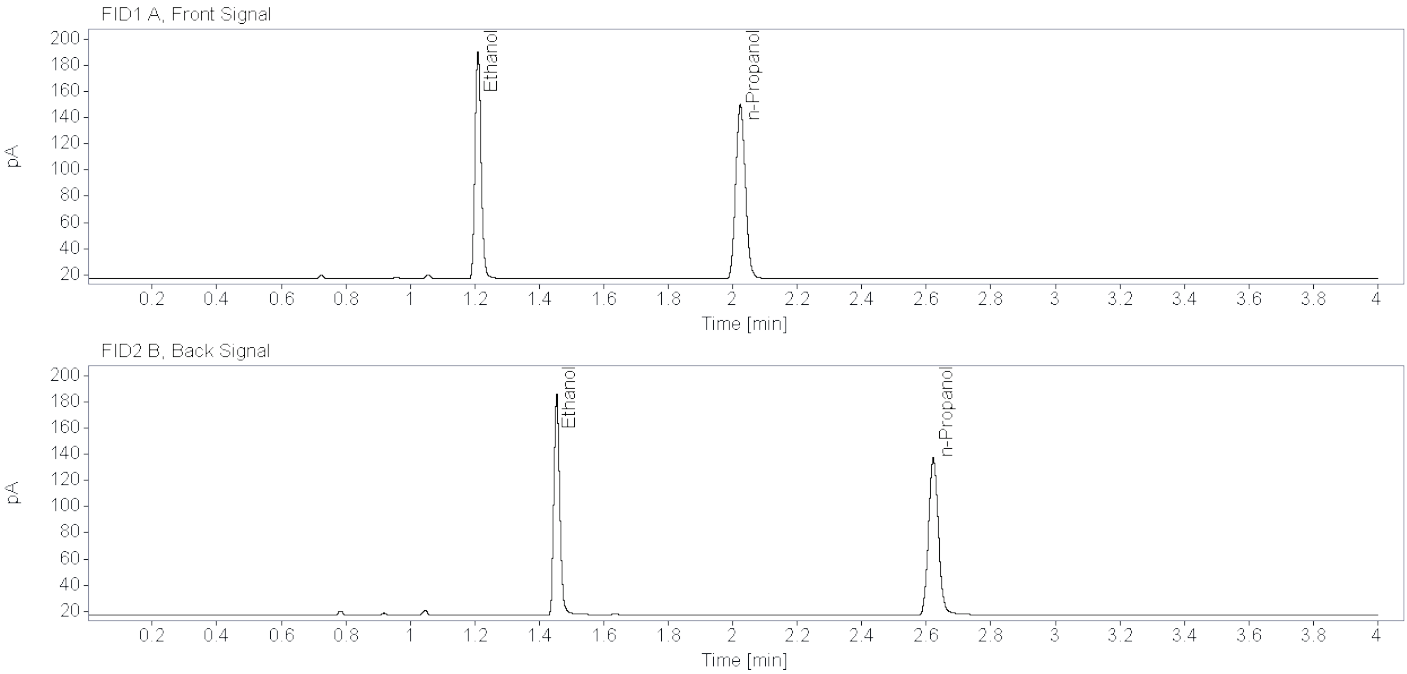
Reported UM: **0.022** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0586 009 (24-0423) **Description:** Alq 1 **Sample Barcode** 24-0423 **Vial Number:** 23
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:16:18 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\023F2301.D



Name FID1A

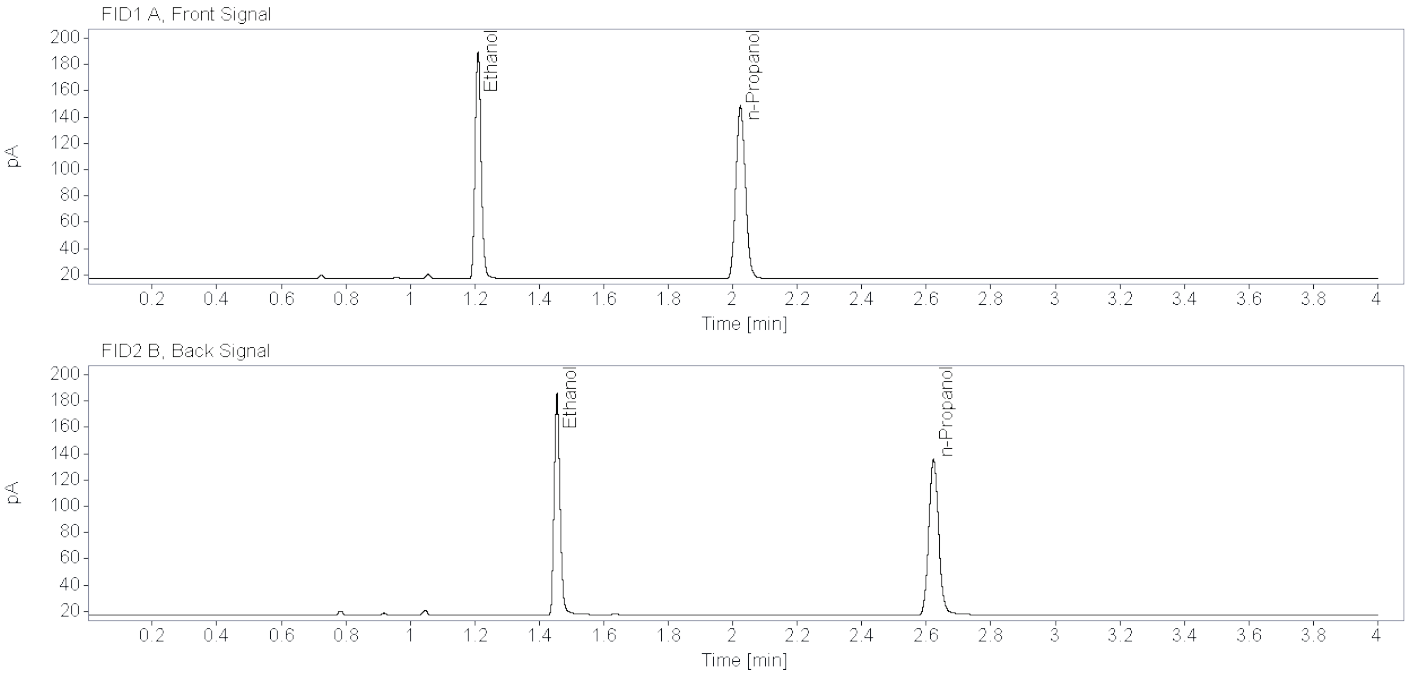
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84055	1.210	1.209	229.1786	0.1501
n-Propanol	0.87311	2.023	2.023	274.9168	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83067	1.454	1.453	215.1476	0.1502
n-Propanol	0.88588	2.622	2.621	253.9450	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0586 009 (24-0465) **Description:** Alq 2 **Sample Barcode** 24-0465 **Vial Number:** 65
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:54:42 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\065F6501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84398	1.210	1.209	226.8828	0.1513
n-Propanol	0.87449	2.024	2.023	269.8934	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82984	1.455	1.453	212.6126	0.1505
n-Propanol	0.89222	2.623	2.621	250.3826	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0587 006

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0124	Aliquot 1:	0.0126
	Aliquot 2:	0.0123	Aliquot 2:	0.0125

Reported Result: **0.012** **g/100 mL**

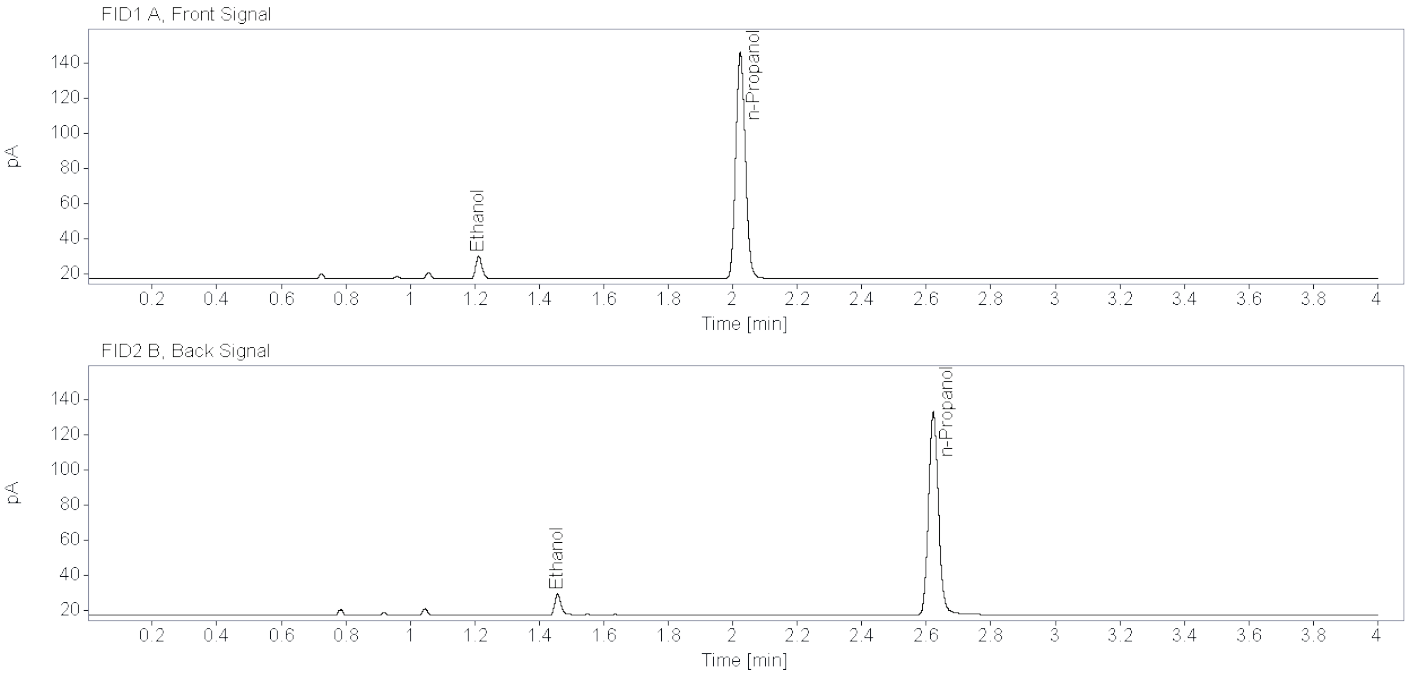
Reported UM: **0.002** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0587 006 (24-0424) **Description:** Alq 1 **Sample Barcode** 24-0424 **Vial Number:** 24
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:21:02 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\024F2401.D



Name FID1A

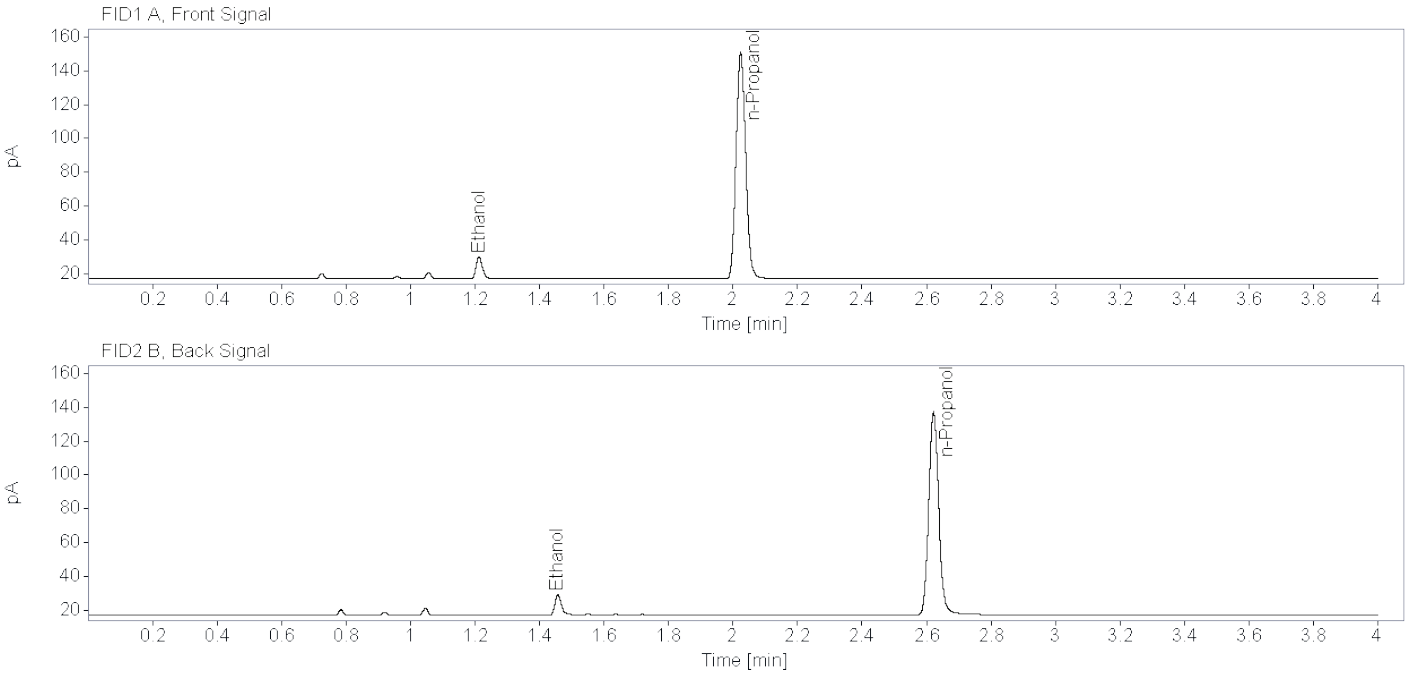
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81450	1.212	1.209	17.4581	0.0124
n-Propanol	0.87240	2.023	2.023	265.2330	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74448	1.457	1.453	16.0377	0.0126
n-Propanol	0.88524	2.622	2.621	244.6705	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0587 006 (24-0464) **Description:** Alq 2 **Sample Barcode** 24-0464 **Vial Number:** 64
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:49:01 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79591	1.212	1.209	18.0348	0.0123
n-Propanol	0.87954	2.024	2.023	275.7610	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76000	1.457	1.453	16.6167	0.0125
n-Propanol	0.89446	2.622	2.621	255.5742	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0635 001_001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3364	Aliquot 1:	0.3365
	Aliquot 2:	0.3359	Aliquot 2:	0.3356

Reported Result: **0.336** **g/100 mL**

Reported UM: **0.048** **g/100 mL**

Comments:

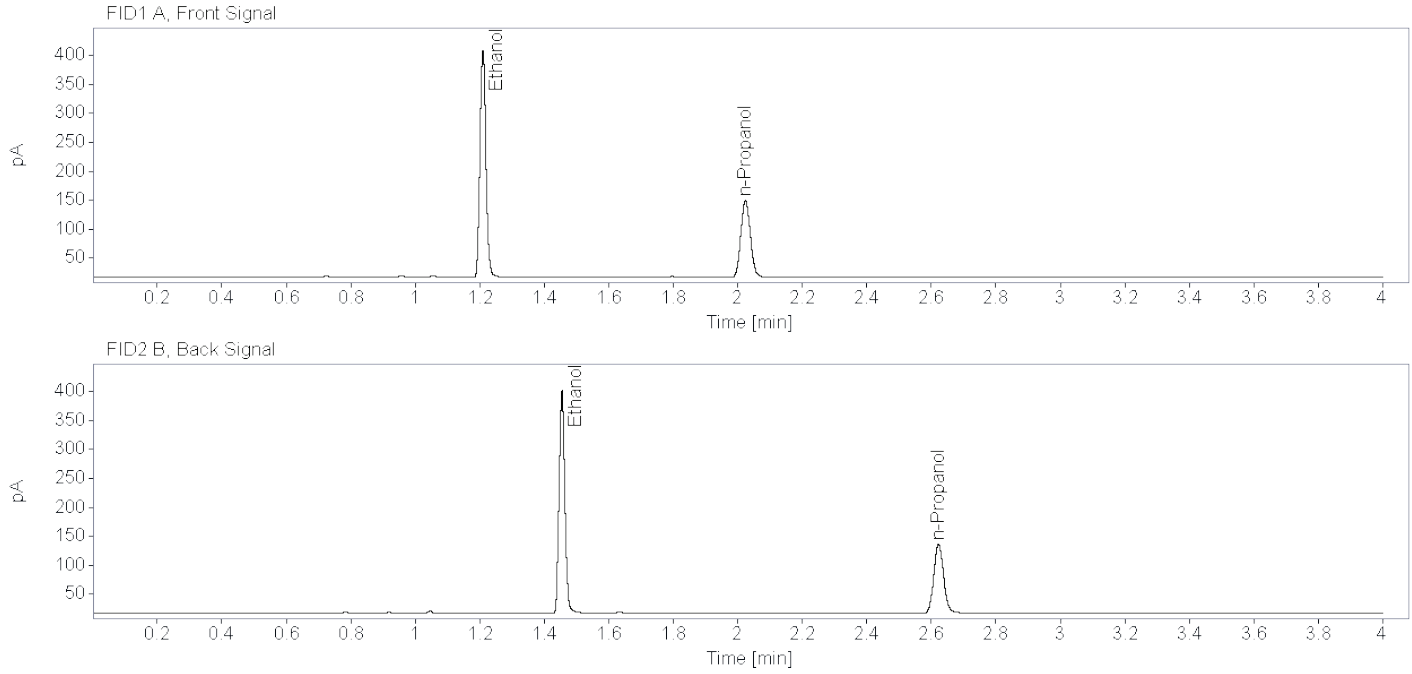
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0635 001_001 (24-0425) **Description:** Alq 1 **Sample Barcode** 24-0425 **Vial Number:** 25

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:26:42 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86948	1.210	1.209	510.8618	0.3364
n-Propanol	0.88065	2.024	2.023	272.7895	0.0100

Name FID2B

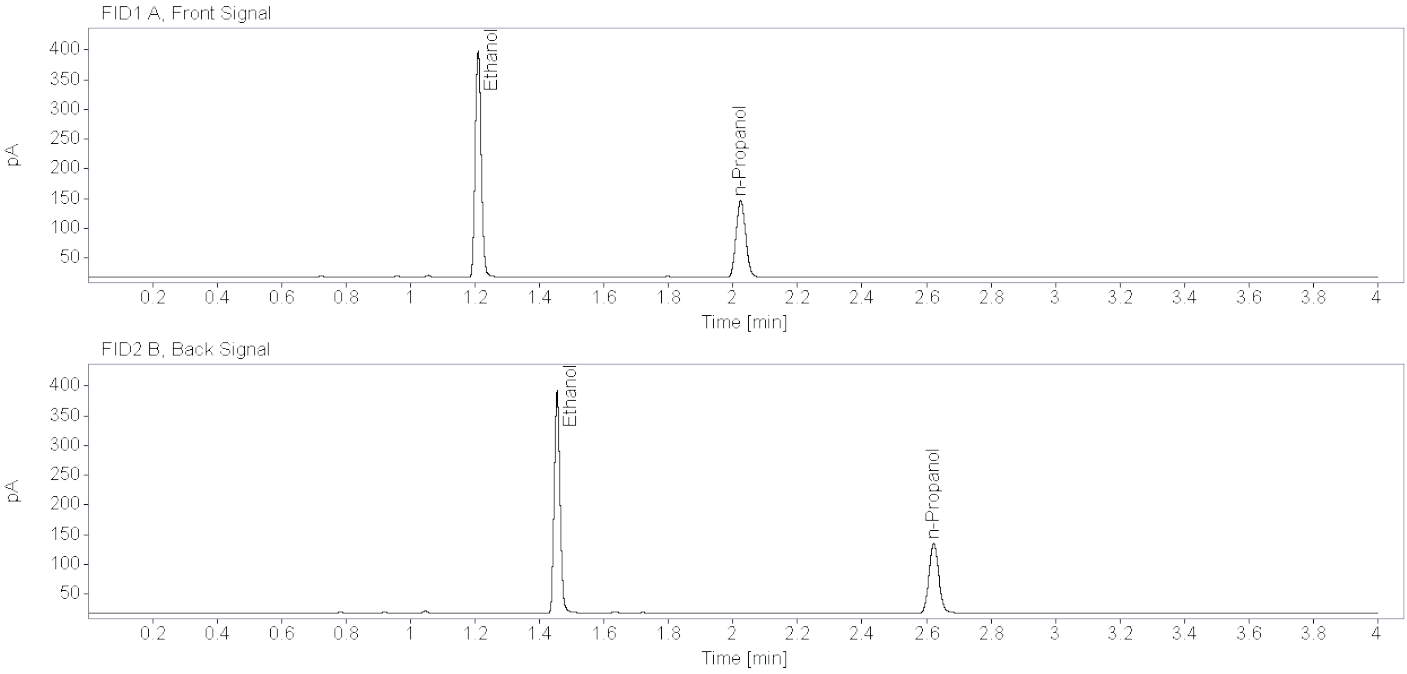
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88621	1.455	1.453	481.4257	0.3365
n-Propanol	0.88696	2.623	2.621	252.6852	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0635 001_001 (24-0463) **Description:** Alq 2 **Sample Barcode** 24-0463 **Vial Number:** 63

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:44:19 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87723	1.210	1.209	501.0406	0.3359
n-Propanol	0.88193	2.024	2.023	267.8911	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.88842	1.455	1.453	472.5896	0.3356
n-Propanol	0.89490	2.622	2.621	248.7279	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0730 001

Batch Name: BAC_20240304_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

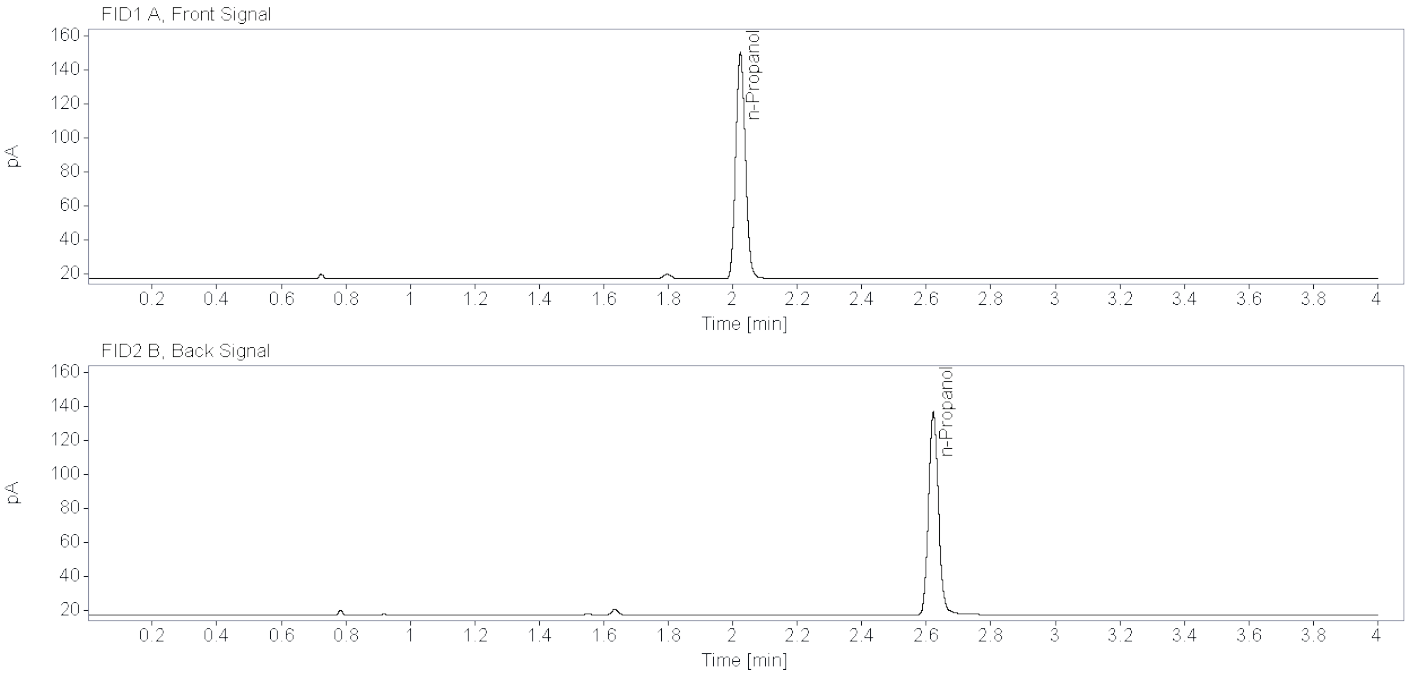
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0730 001 (24-0426) **Description:** Alq 1 **Sample Barcode** 24-0426 **Vial Number:** 26
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:31:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\026F2601.D



Name FID1A

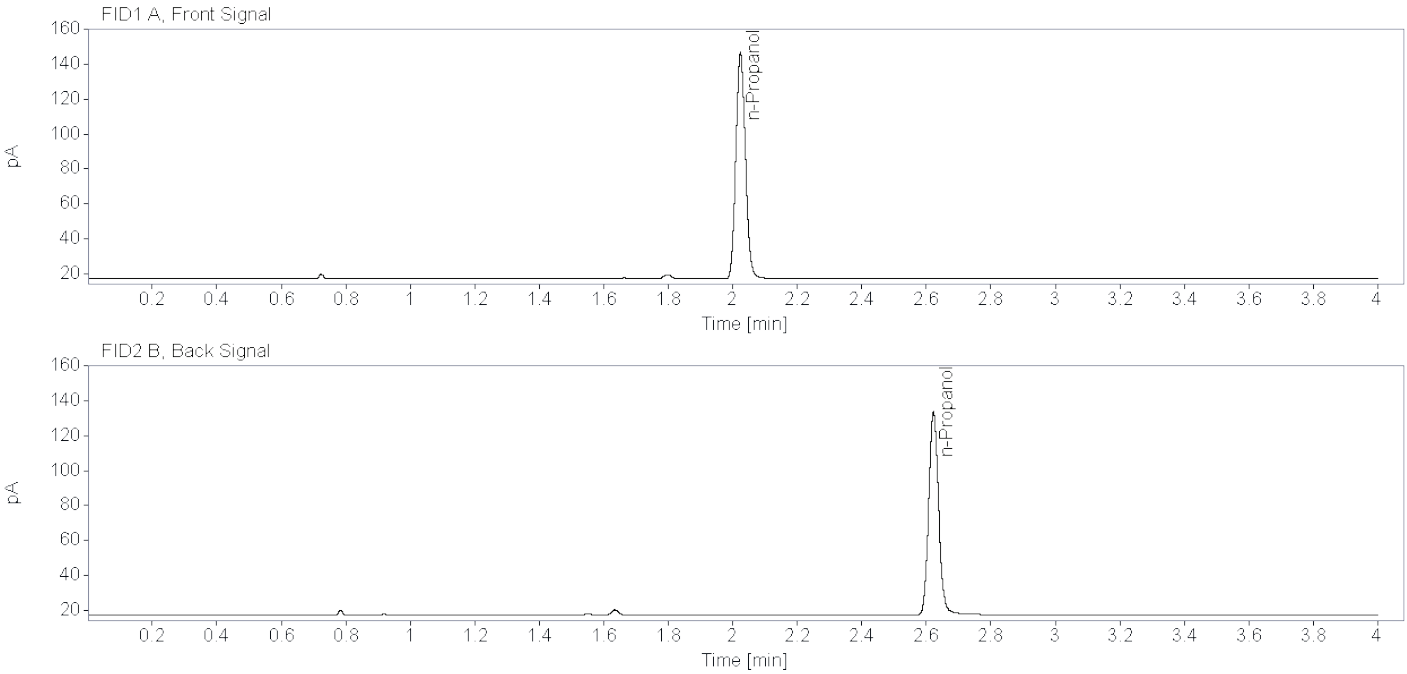
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87691	2.024	2.023	275.5666	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88660	2.622	2.621	254.0359	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0730 001 (24-0462) **Description:** Alq 2 **Sample Barcode** 24-0462 **Vial Number:** 62
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:38:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86995	2.024	2.023	266.5229	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88924	2.622	2.621	246.5817	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0733 001

Batch Name: BAC_20240304_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**

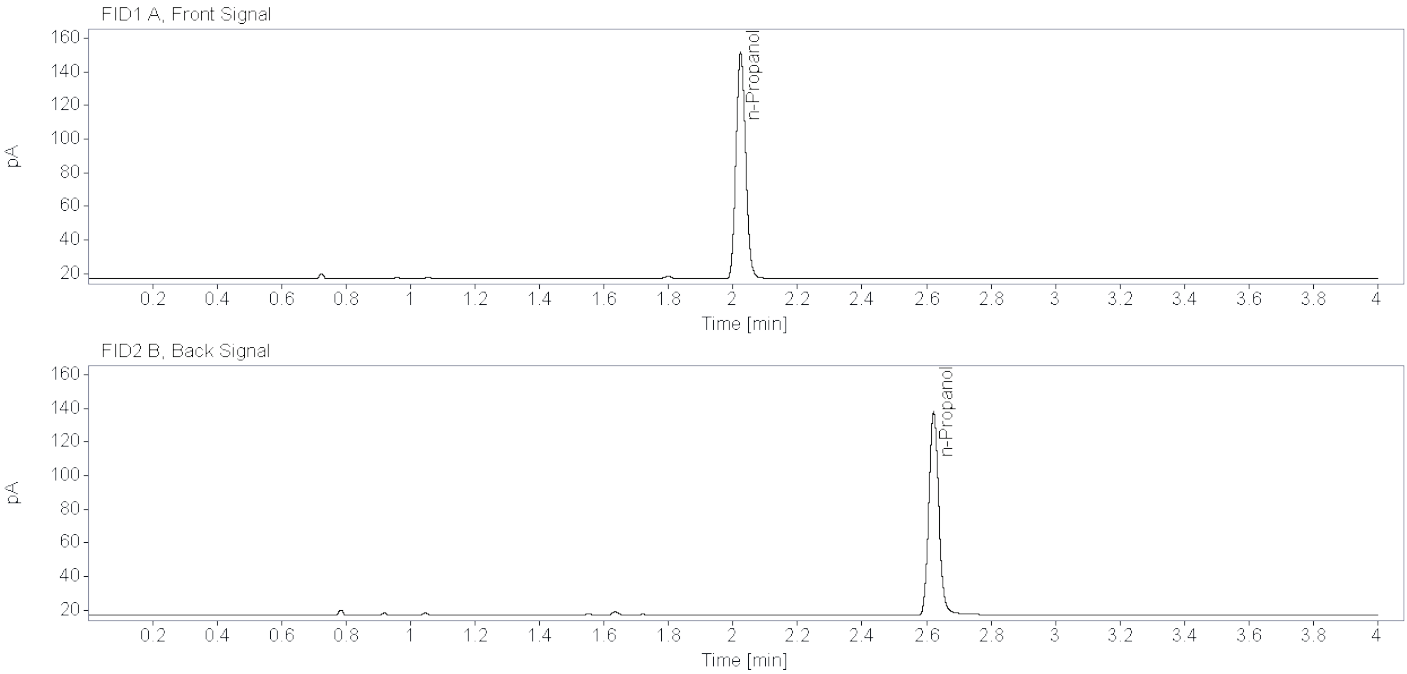
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0733 001 (24-0427) **Description:** Alq 1 **Sample Barcode** 24-0427 **Vial Number:** 27
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:37:06 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\027F2701.D



Name FID1A

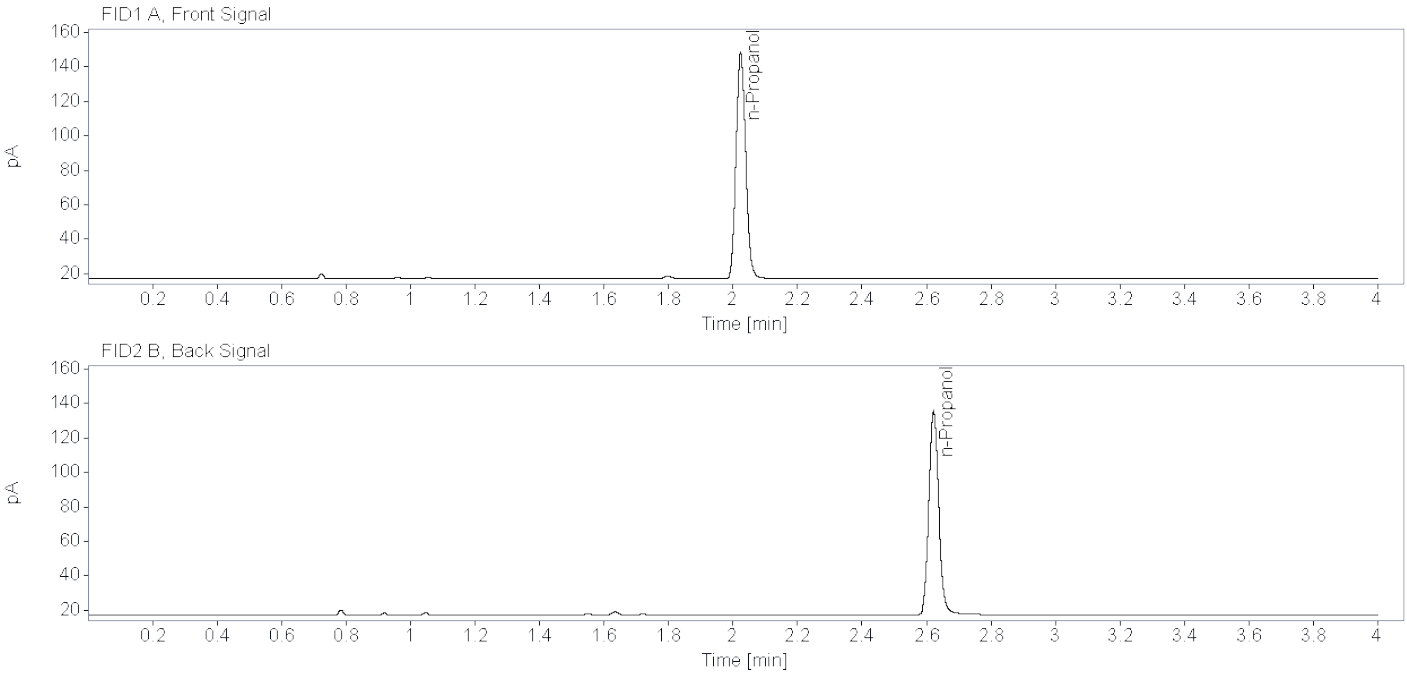
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88381	2.024	2.023	277.2018	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89388	2.622	2.621	255.6508	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0733 001 (24-0461) **Description:** Alq 2 **Sample Barcode** 24-0461 **Vial Number:** 61
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:33:54 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87308	2.024	2.023	271.9408	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89523	2.622	2.621	251.3429	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0831 001_002

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0738	Aliquot 1:	0.0734
	Aliquot 2:	0.0740	Aliquot 2:	0.0734

Reported Result: **0.073** **g/100 mL**

Reported UM: **0.011** **g/100 mL**

Comments:

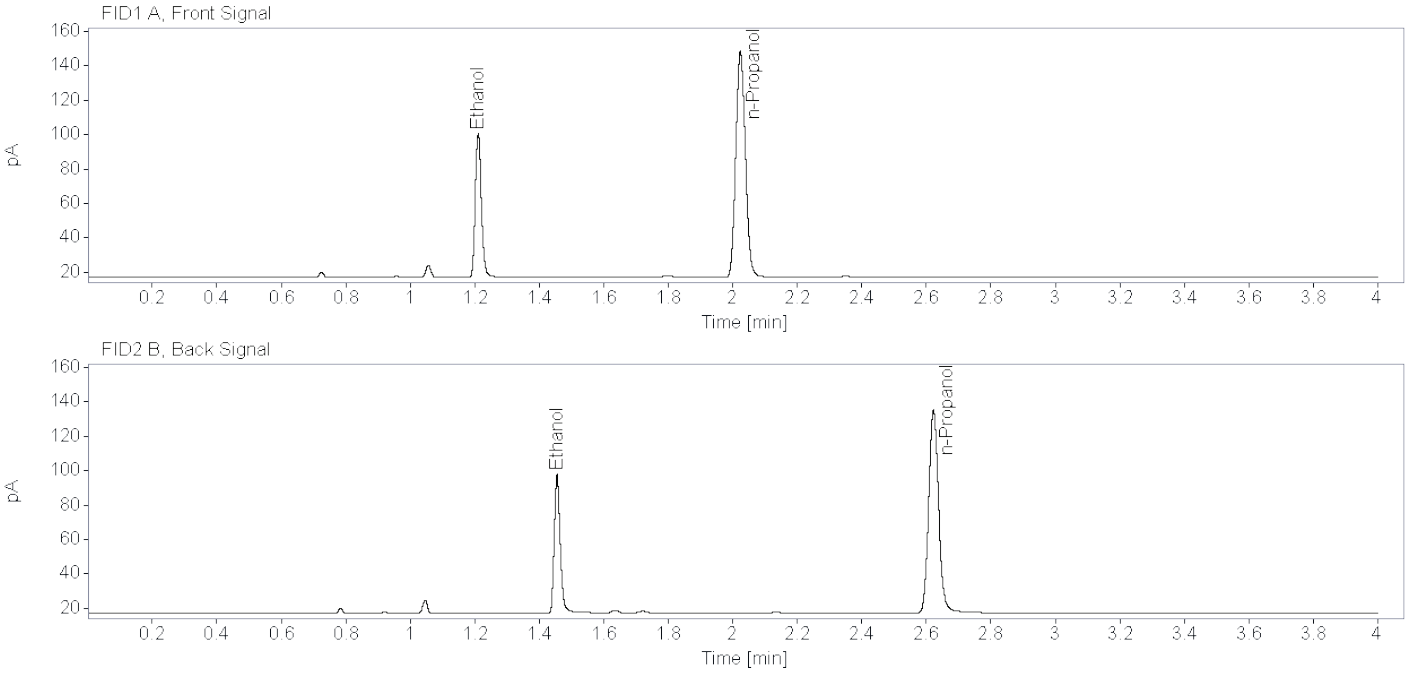
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0831 001_002 (24-0428) **Description:** Alq 1 **Sample Barcode** 24-0428 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:41:49 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83226	1.211	1.209	110.3797	0.0738
n-Propanol	0.87295	2.024	2.023	270.3284	0.0100

Name FID2B

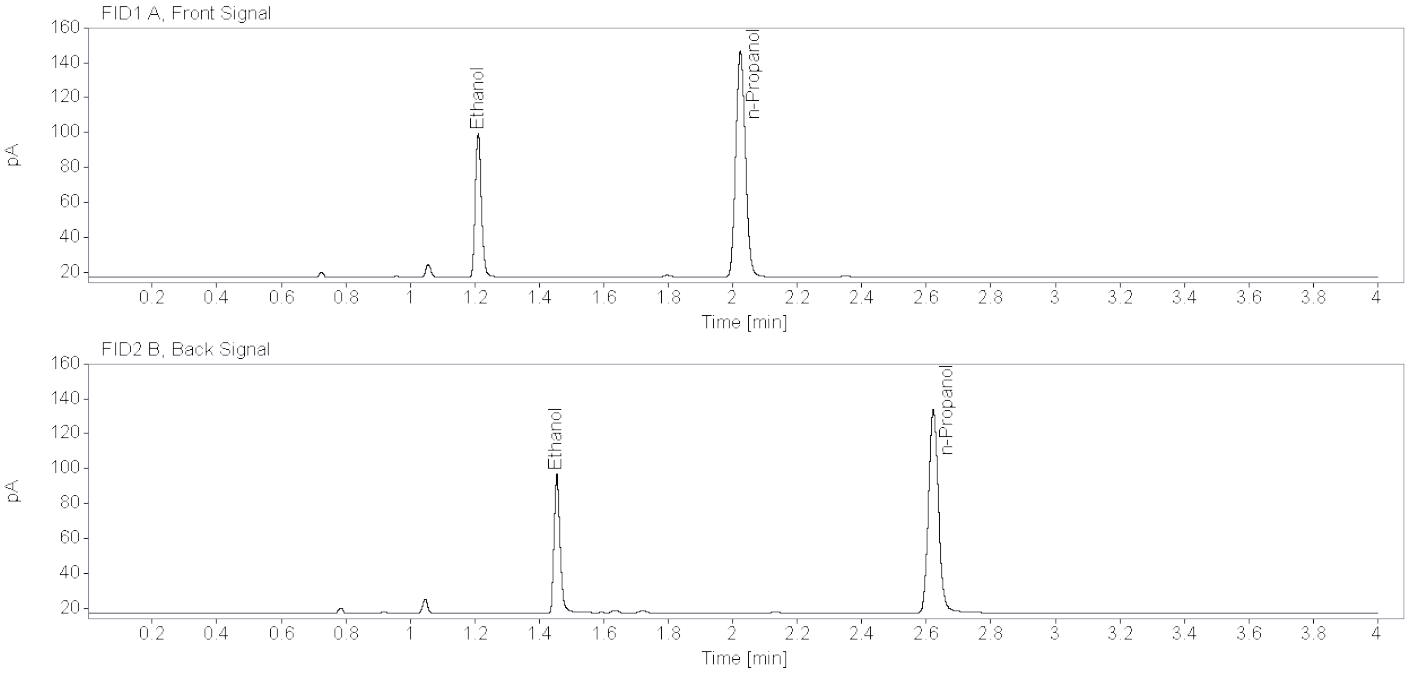
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79712	1.455	1.453	102.5859	0.0734
n-Propanol	0.88819	2.622	2.621	249.5837	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0831 001_002 (24-0460) **Description:** Alq 2 **Sample Barcode** 24-0460 **Vial Number:** 60

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:28:13 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82903	1.211	1.209	109.4771	0.0740
n-Propanol	0.87296	2.024	2.023	267.5171	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79416	1.455	1.453	101.8839	0.0734
n-Propanol	0.88641	2.622	2.621	247.8227	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0911 001

Batch Name: BAC_20240304_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

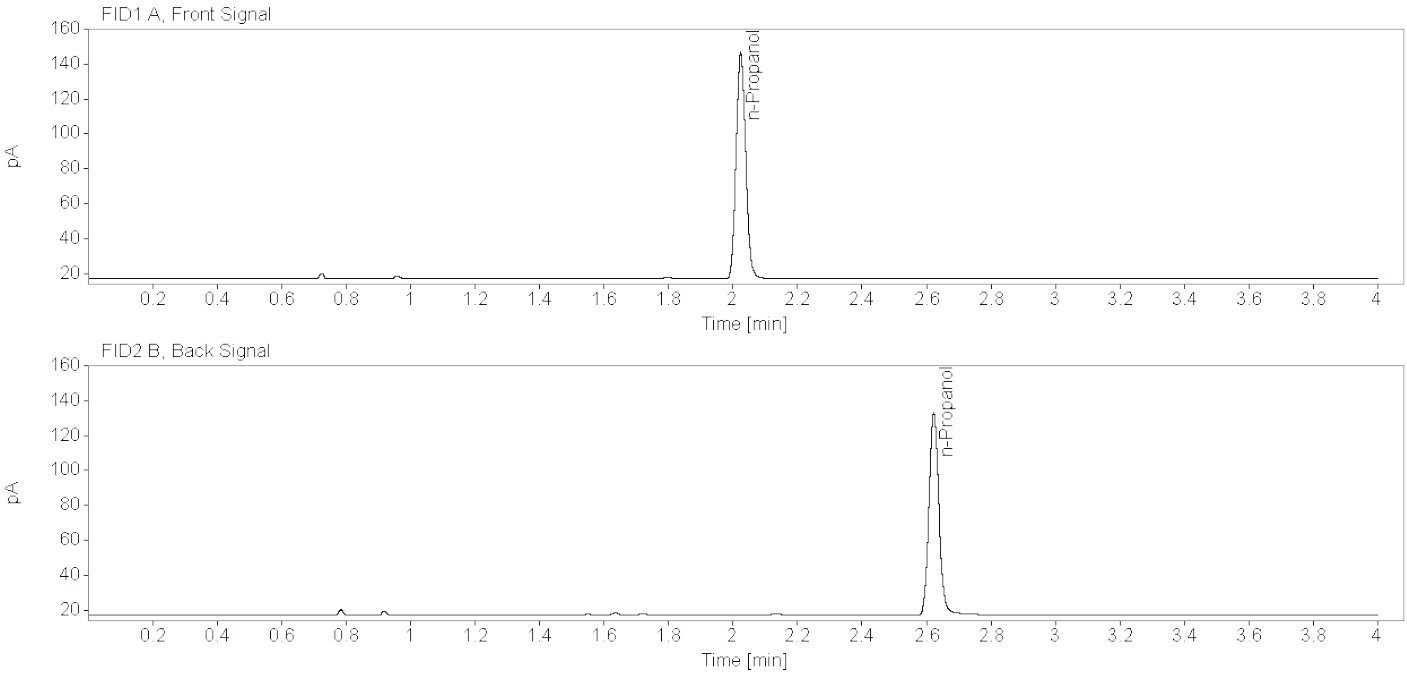
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0911 001 (24-0429) **Description:** Alq 1 **Sample Barcode** 24-0429 **Vial Number:** 29
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:47:30 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\029F2901.D



Name FID1A

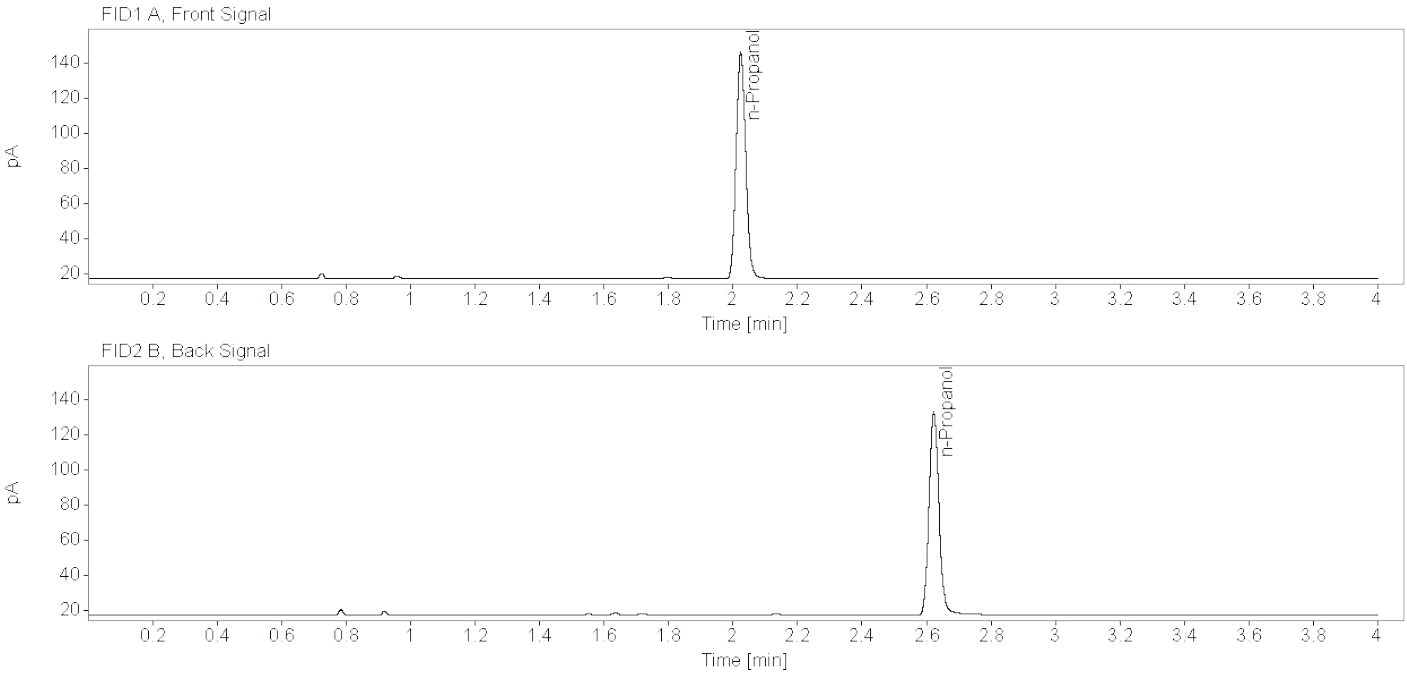
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87975	2.024	2.023	265.8611	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88850	2.623	2.621	245.4208	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0911 001 (24-0459) **Description:** Alq 2 **Sample Barcode** 24-0459 **Vial Number:** 59
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:23:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88283	2.024	2.023	264.3615	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88906	2.623	2.621	244.9301	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0917 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0859	Aliquot 1:	0.0854
	Aliquot 2:	0.0867	Aliquot 2:	0.0861

Reported Result: **0.086** **g/100 mL**

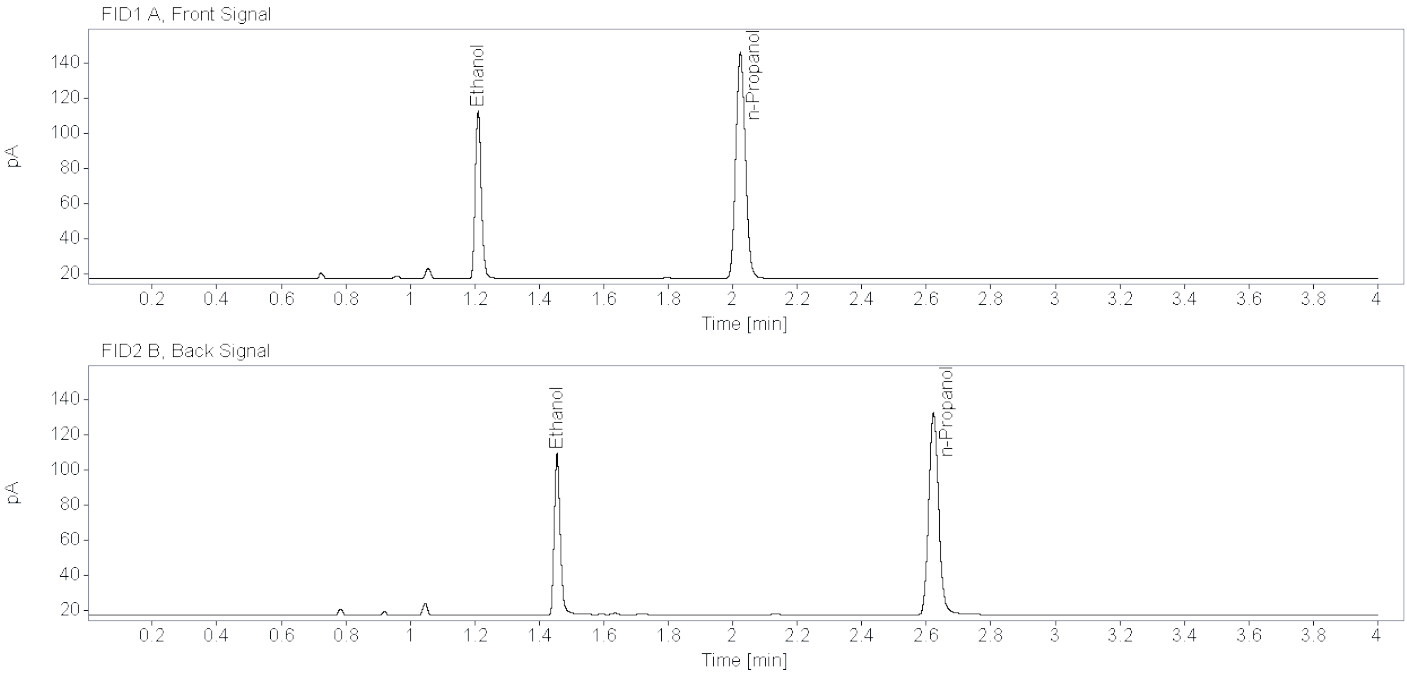
Reported UM: **0.012** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0917 001 (24-0430) **Description:** Alq 1 **Sample Barcode** 24-0430 **Vial Number:** 30
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:52:14 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\030F3001.D



Name FID1A

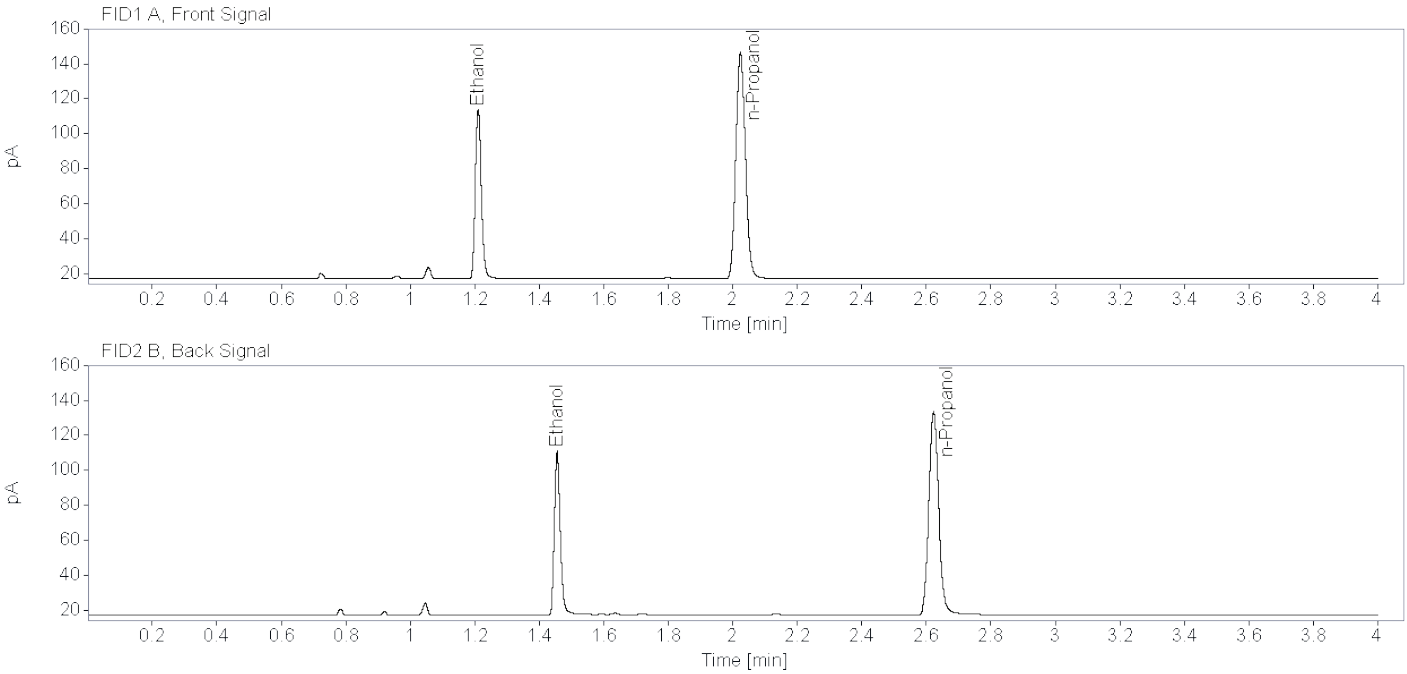
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83297	1.210	1.209	126.2370	0.0859
n-Propanol	0.88237	2.024	2.023	265.2266	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80099	1.455	1.453	117.5168	0.0854
n-Propanol	0.88965	2.623	2.621	245.2651	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0917 001 (24-0458) **Description:** Alq 2 **Sample Barcode** 24-0458 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:17:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83430	1.211	1.209	127.4518	0.0867
n-Propanol	0.87076	2.024	2.023	265.3892	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80356	1.455	1.453	118.9375	0.0861
n-Propanol	0.89403	2.623	2.621	246.0960	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0933 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1516	Aliquot 1:	0.1512
	Aliquot 2:	0.1525	Aliquot 2:	0.1520

Reported Result: **0.151** **g/100 mL**

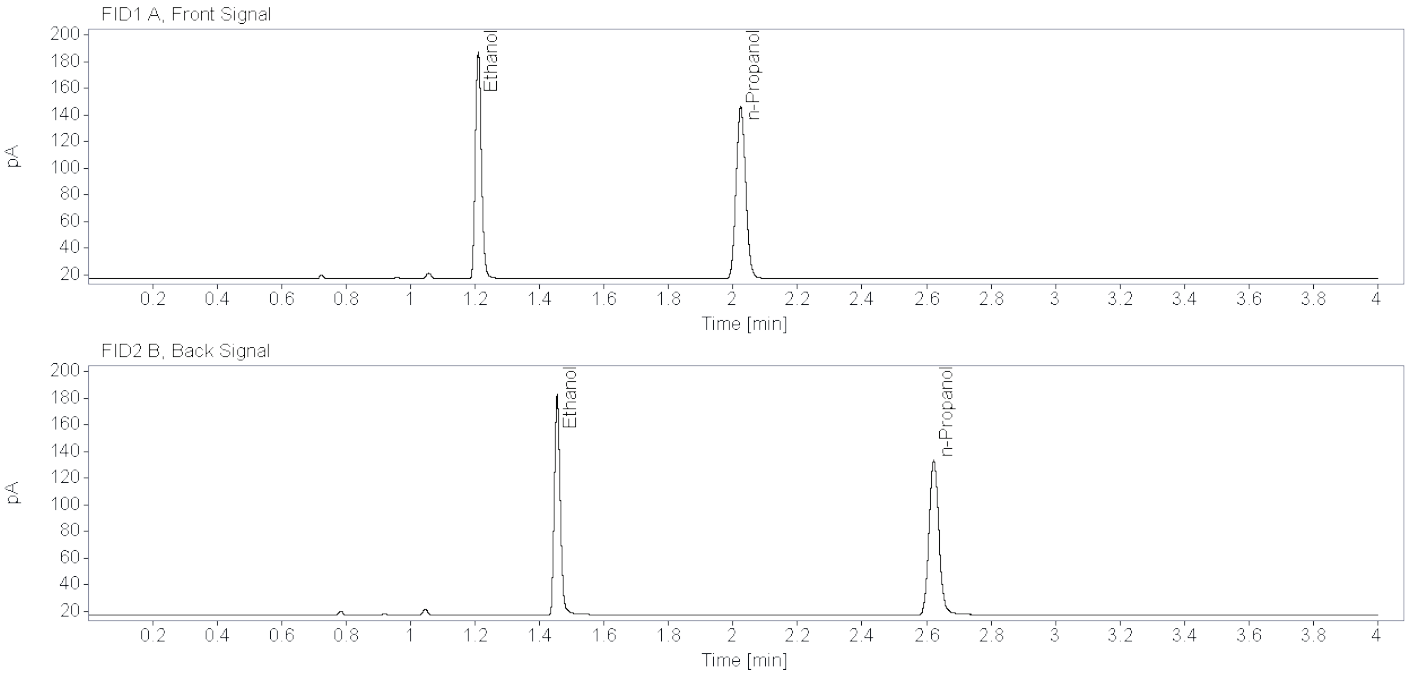
Reported UM: **0.022** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0933 001 (24-0431) **Description:** Alq 1 **Sample Barcode** 24-0431 **Vial Number:** 31
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 2:57:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\031F3101.D



Name FID1A

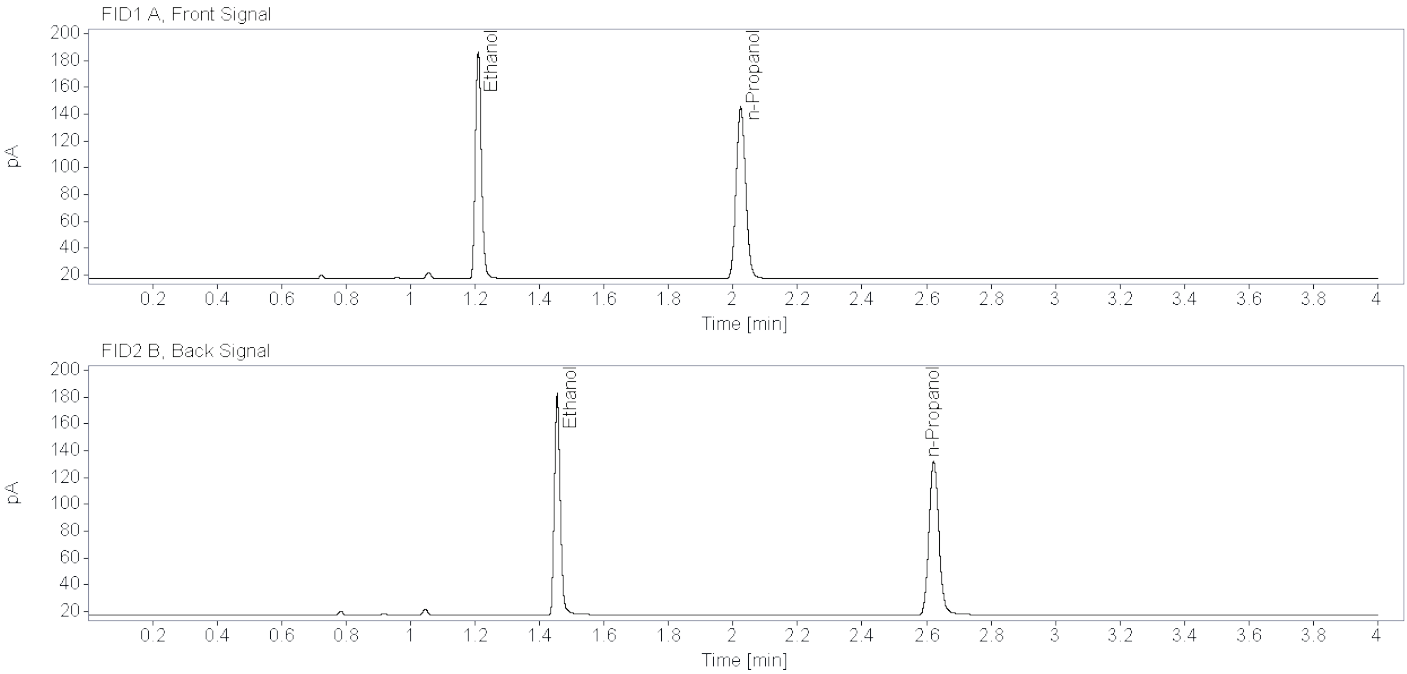
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85730	1.210	1.209	224.1829	0.1516
n-Propanol	0.88324	2.024	2.023	266.1923	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83291	1.455	1.453	209.3587	0.1512
n-Propanol	0.89300	2.623	2.621	245.5032	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0933 001 (24-0457) **Description:** Alq 2 **Sample Barcode** 24-0457 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:13:06 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85247	1.210	1.209	223.1092	0.1525
n-Propanol	0.87693	2.024	2.023	263.4091	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83244	1.455	1.453	208.7718	0.1520
n-Propanol	0.88918	2.622	2.621	243.5639	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0935 003

Batch Name: BAC_20240304_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**

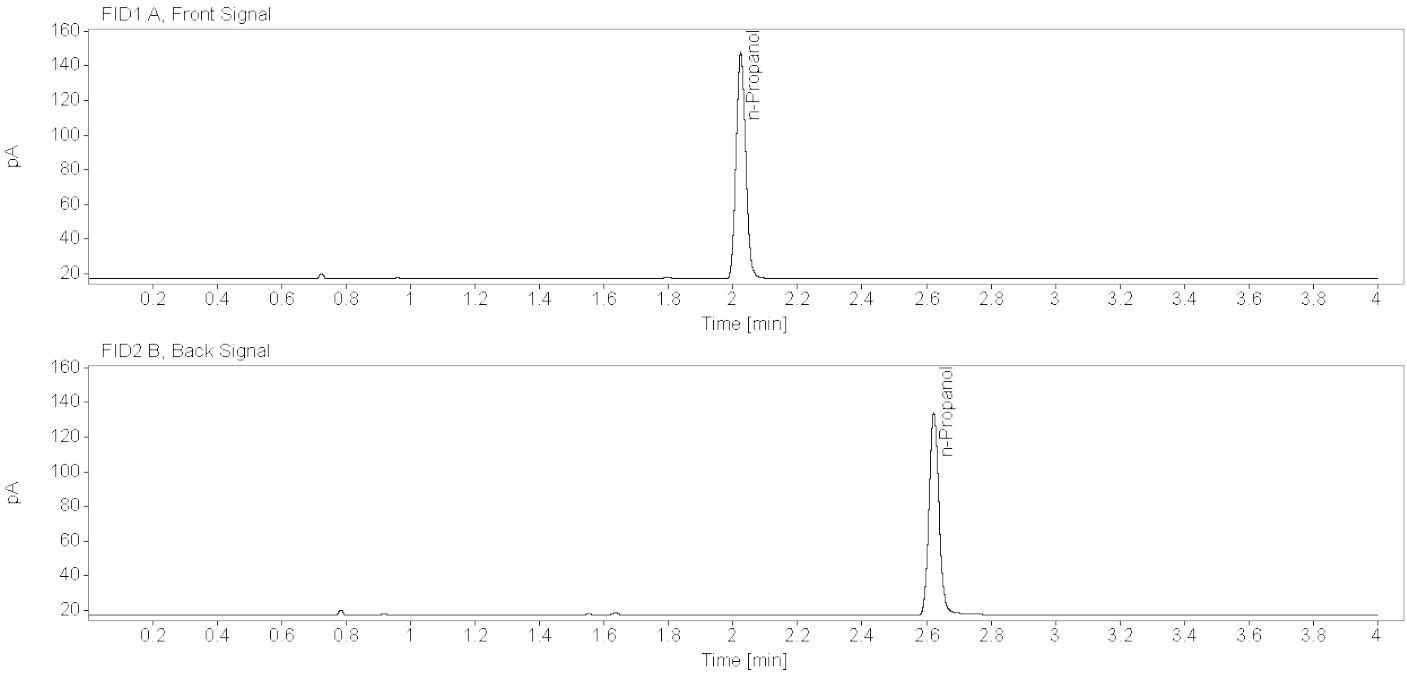
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0935 003 (24-0432) **Description:** Alq 1 **Sample Barcode** 24-0432 **Vial Number:** 32
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:02:37 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\032F3201.D



Name FID1A

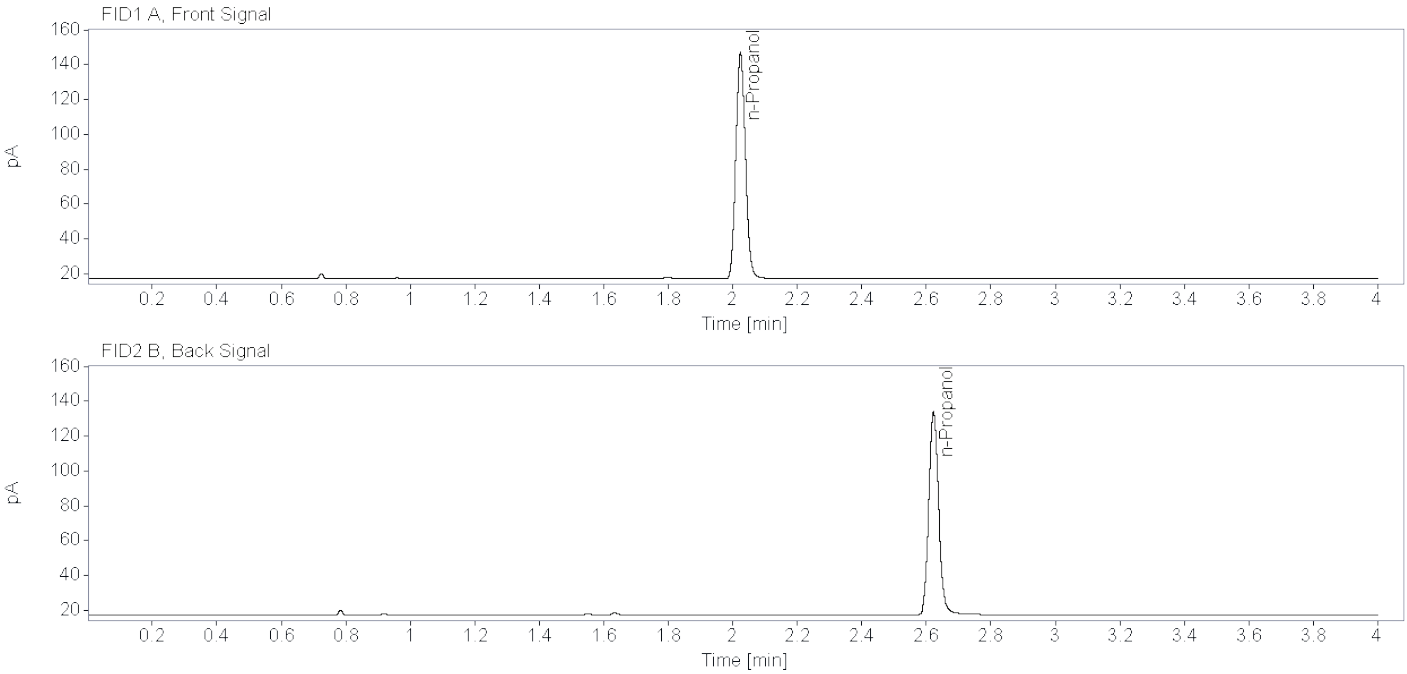
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88311	2.024	2.023	268.3939	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89076	2.623	2.621	247.5878	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0935 003 (24-0456) **Description:** Alq 2 **Sample Barcode** 24-0456 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 5:07:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87785	2.024	2.023	266.9985	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88443	2.622	2.621	247.1591	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0939 001

Batch Name: BAC_20240304_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

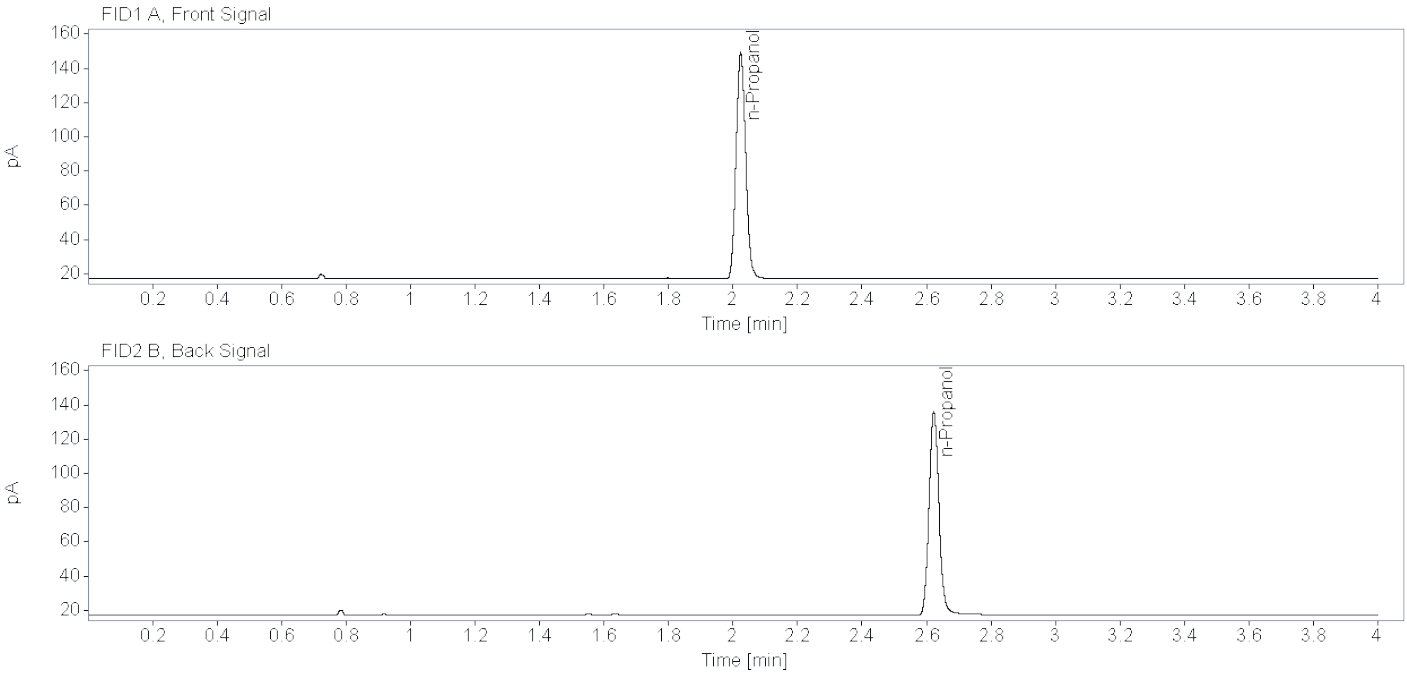
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0939 001 (24-0434) **Description:** Alq 1 **Sample Barcode** 24-0434 **Vial Number:** 34
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:13:01 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\034F3401.D



Name FID1A

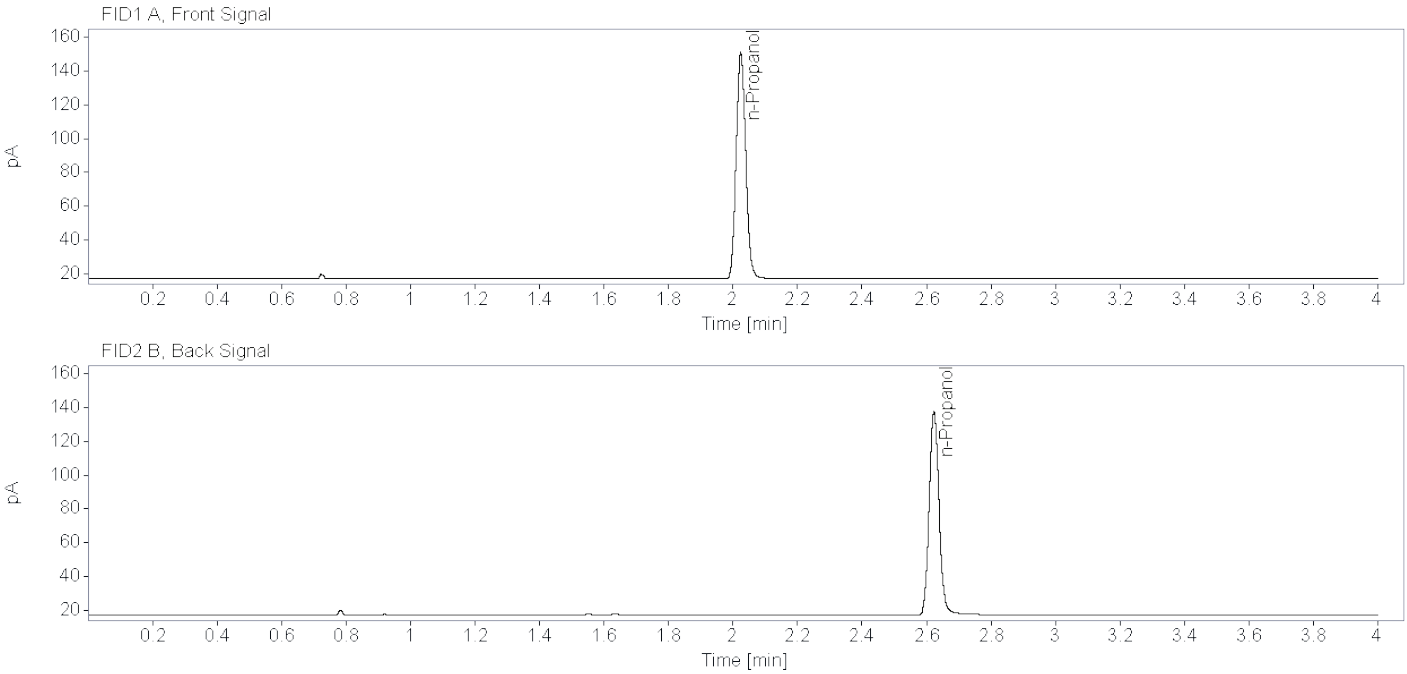
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87843	2.024	2.023	271.8372	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88946	2.623	2.621	250.7743	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0939 001 (24-0454) **Description:** Alq 2 **Sample Barcode** 24-0454 **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:57:02 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88173	2.024	2.023	274.6040	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89190	2.623	2.621	254.0102	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0940 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2091	Aliquot 1:	0.2093
	Aliquot 2:	0.2054	Aliquot 2:	0.2048

Reported Result: **0.207** **g/100 mL**

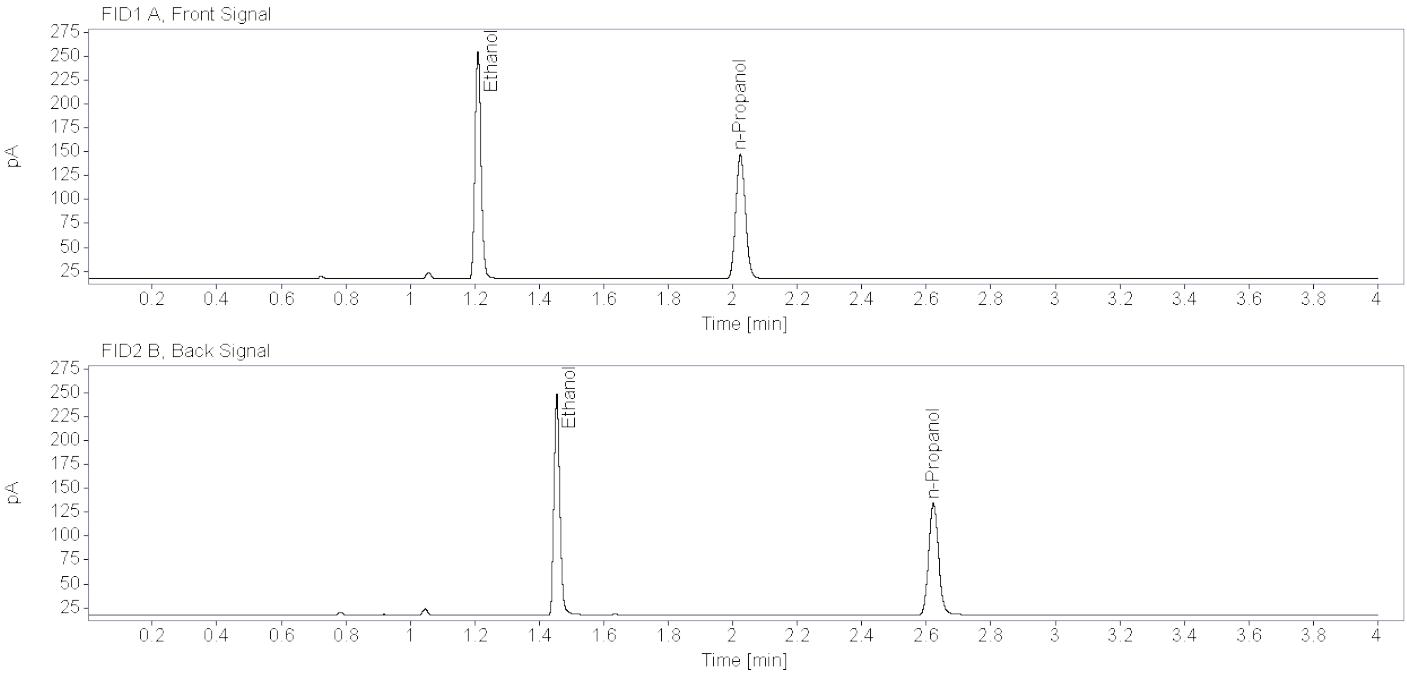
Reported UM: **0.030** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0940 001 (24-0435) **Description:** Alq 1 **Sample Barcode** 24-0435 **Vial Number:** 35
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:18:42 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\035F3501.D



Name FID1A

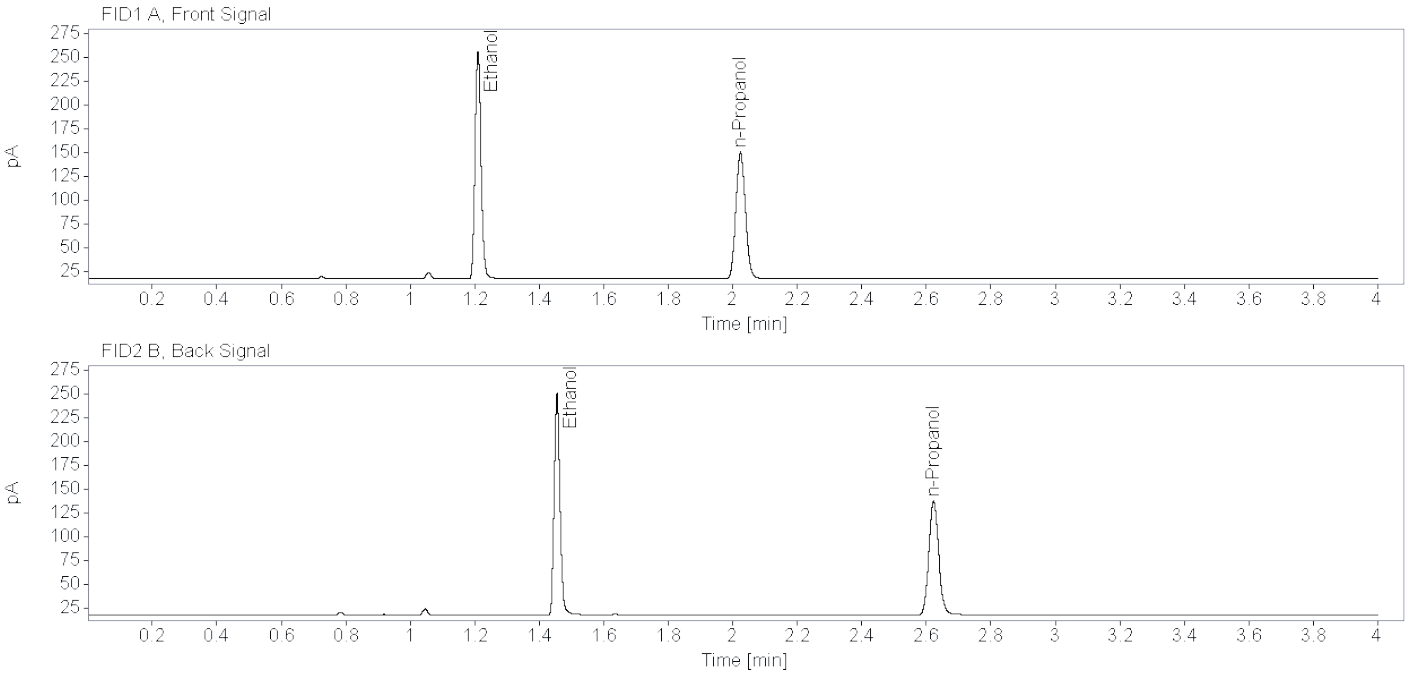
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85230	1.210	1.209	311.9622	0.2091
n-Propanol	0.88350	2.024	2.023	268.2122	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85487	1.455	1.453	293.0711	0.2093
n-Propanol	0.88420	2.622	2.621	247.7489	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0940 001 (24-0453) **Description:** Alq 2 **Sample Barcode** 24-0453 **Vial Number:** 53
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:52:19 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85260	1.210	1.209	312.8702	0.2054
n-Propanol	0.88237	2.024	2.023	273.8720	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85351	1.455	1.453	293.5892	0.2048
n-Propanol	0.89678	2.623	2.621	253.6927	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-0941 001

Batch Name: BAC_20240304_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**

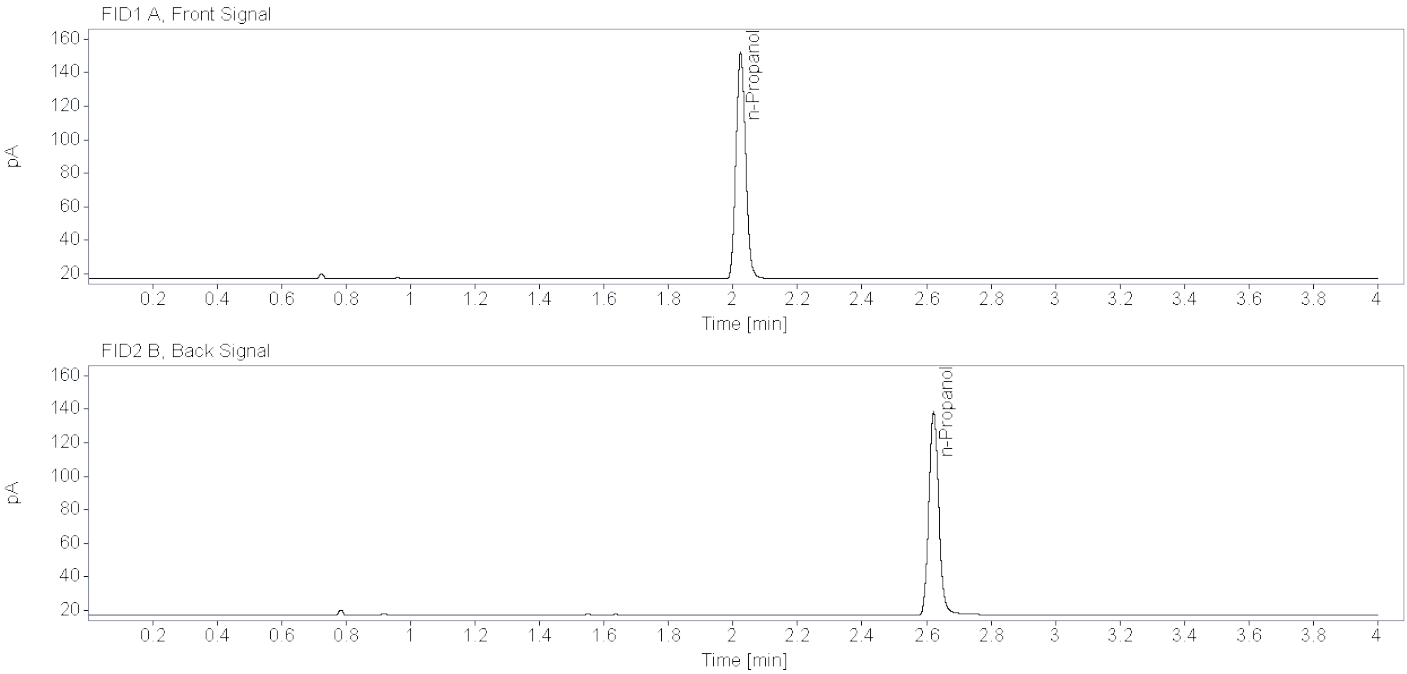
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0941 001 (24-0436) **Description:** Alq 1 **Sample Barcode** 24-0436 **Vial Number:** 36
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:23:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\036F3601.D



Name FID1A

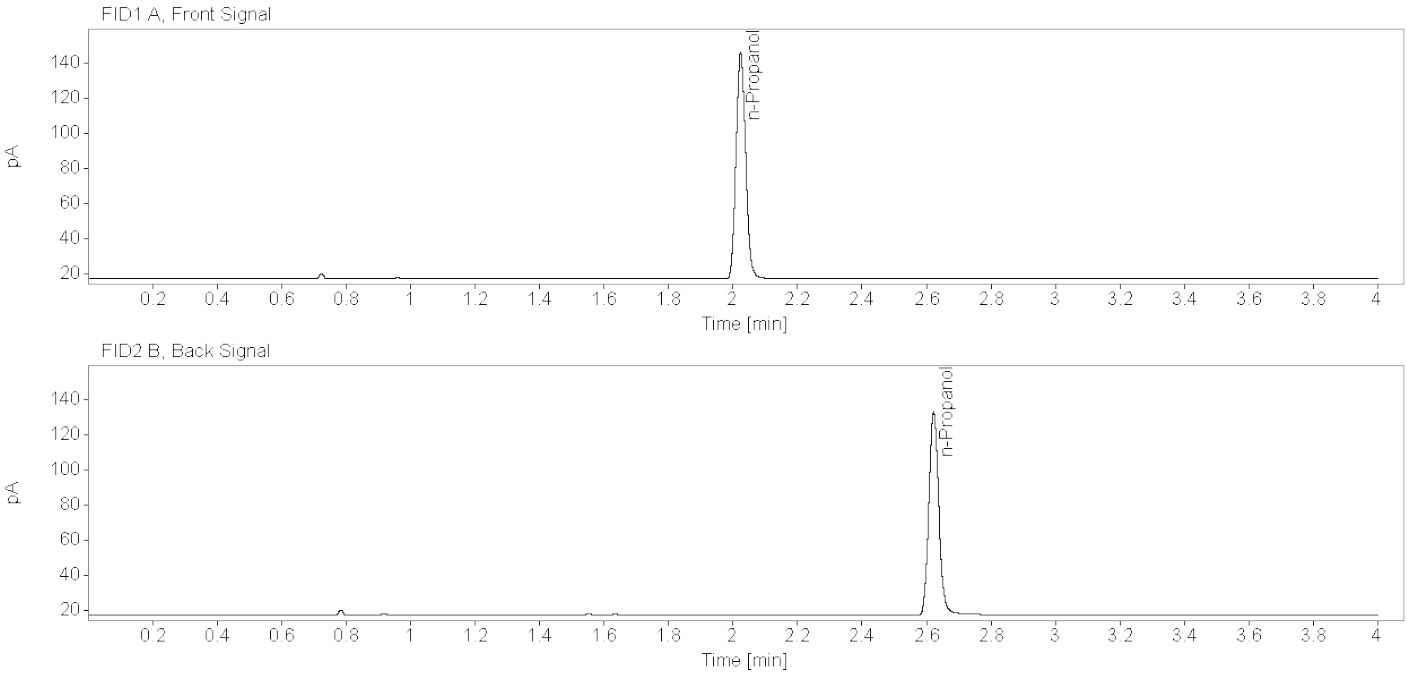
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88036	2.024	2.023	278.2765	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89105	2.622	2.621	256.8468	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-0941 001 (24-0452) **Description:** Alq 2 **Sample Barcode** 24-0452 **Vial Number:** 52
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:46:38 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87328	2.024	2.023	265.6612	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89094	2.622	2.621	245.6661	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-2022 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1798	Aliquot 1:	0.1797
	Aliquot 2:	0.1814	Aliquot 2:	0.1806

Reported Result: **0.180** **g/100 mL**

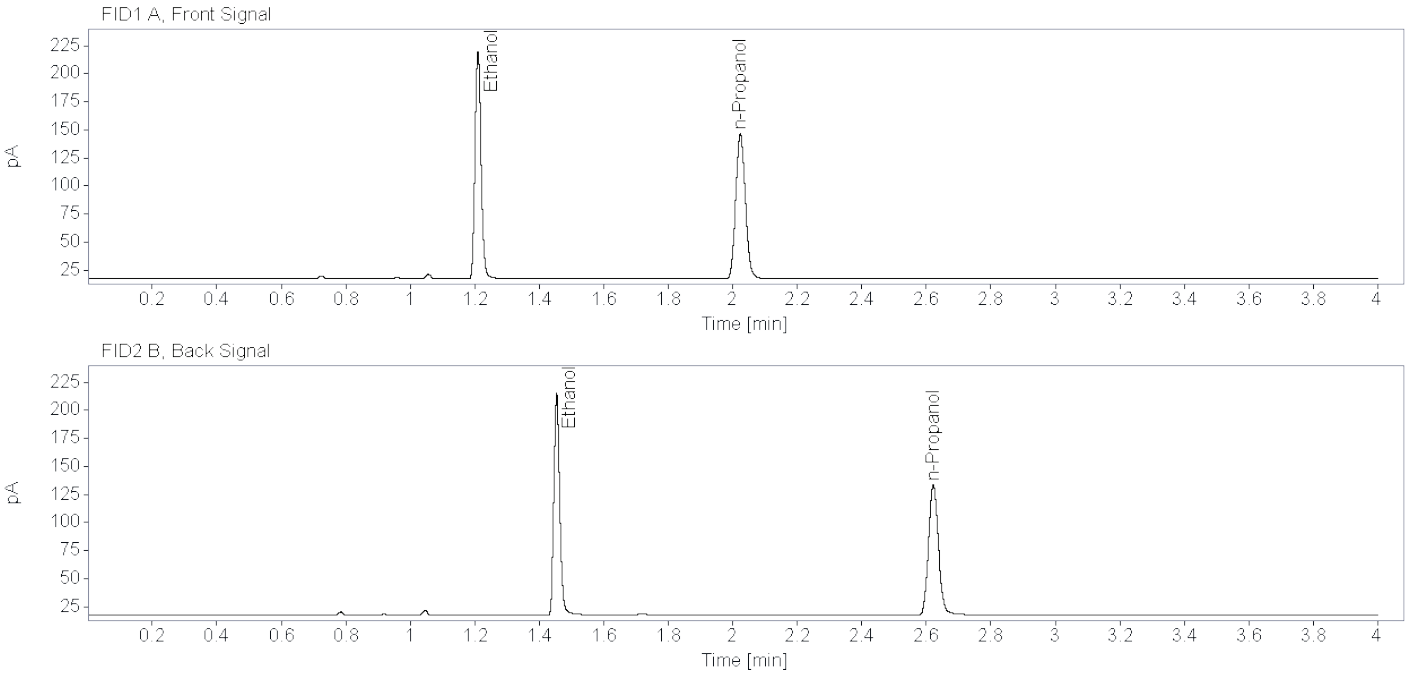
Reported UM: **0.026** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2022 001 (24-0437) **Description:** Alq 1 **Sample Barcode** 24-0437 **Vial Number:** 37
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:29:06 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\037F3701.D



Name FID1A

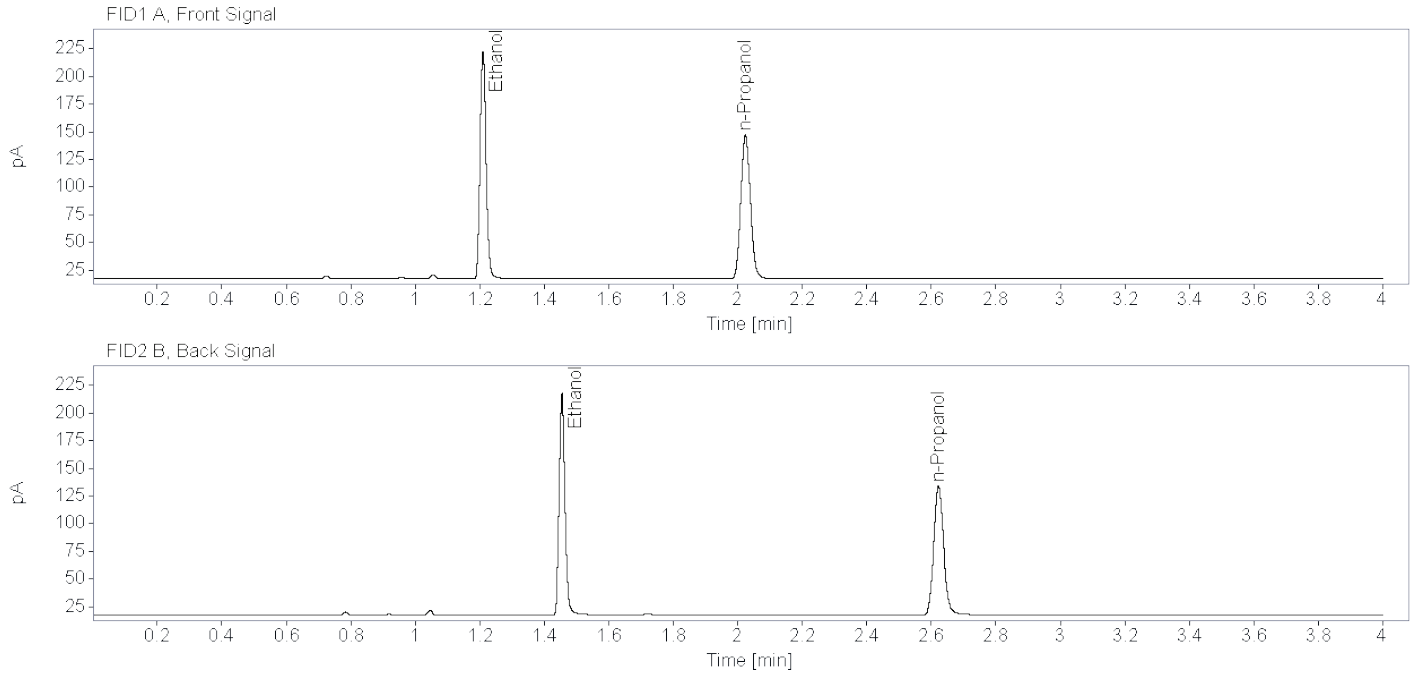
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84751	1.210	1.209	266.8825	0.1798
n-Propanol	0.87221	2.023	2.023	267.0293	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84003	1.454	1.453	250.6857	0.1797
n-Propanol	0.88015	2.622	2.621	247.0503	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-2022 001 (24-0451) **Description:** Alq 2 **Sample Barcode** 24-0451 **Vial Number:** 51
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:41:55 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84726	1.210	1.209	269.2432	0.1814
n-Propanol	0.87280	2.024	2.023	267.0557	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83990	1.455	1.453	252.3799	0.1806
n-Propanol	0.88894	2.622	2.621	247.4394	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0235 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1609	Aliquot 1:	0.1604
	Aliquot 2:	0.1613	Aliquot 2:	0.1608

Reported Result: **0.160** **g/100 mL**

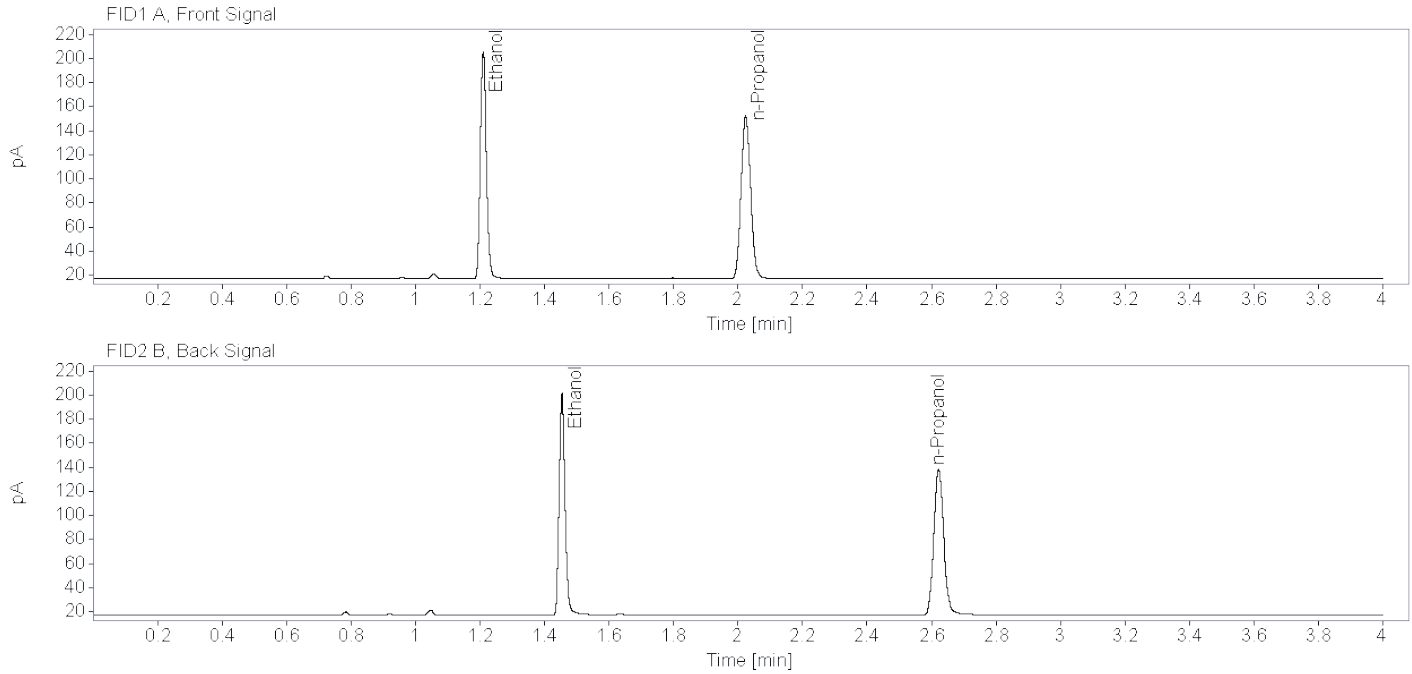
Reported UM: **0.023** **g/100 mL**

Comments: Previously analyzed in BAC_20240222_MH -- 3/5/2024 mh

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0235 001 (24-0438) **Description:** Alq 1 **Sample Barcode** 24-0438 **Vial Number:** 38
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:33:50 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\038F3801.D



Name FID1A

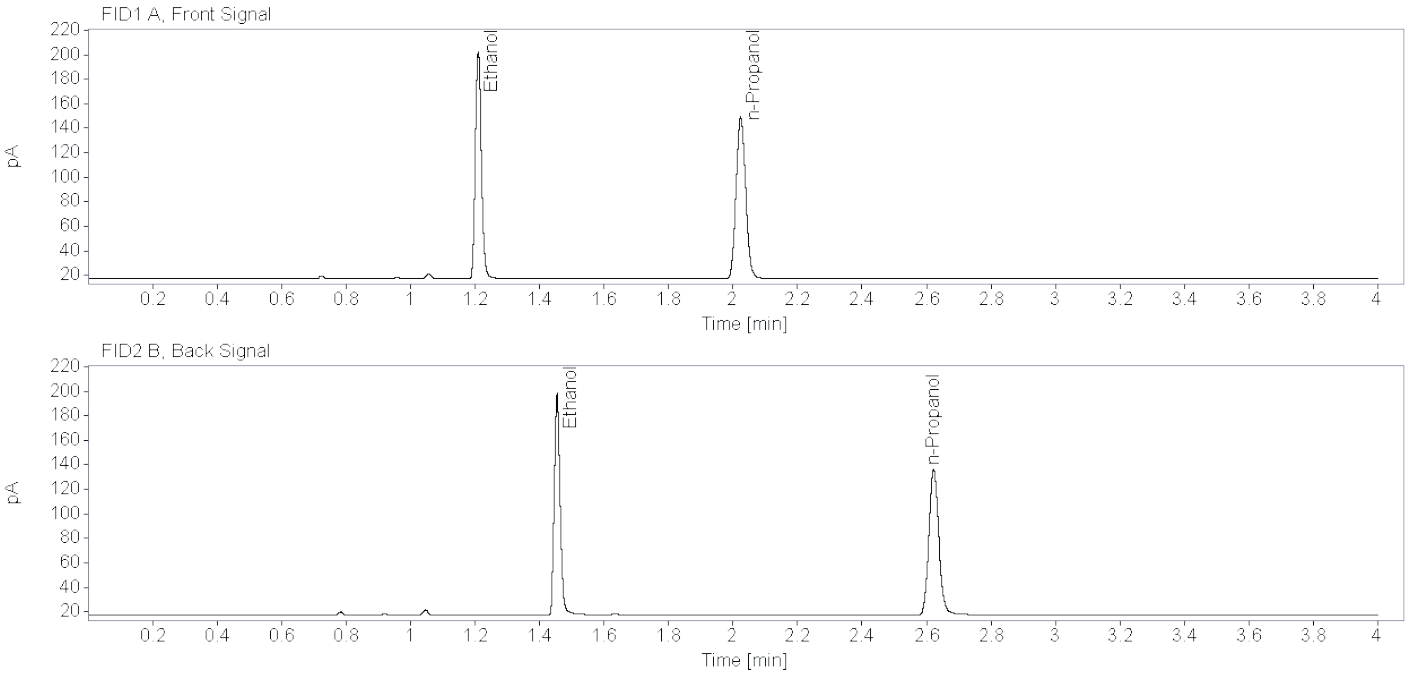
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85636	1.210	1.209	248.8487	0.1609
n-Propanol	0.88679	2.024	2.023	278.2814	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83350	1.454	1.453	233.0716	0.1604
n-Propanol	0.89973	2.622	2.621	257.5278	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0235 001 (24-0450) **Description:** Alq 2 **Sample Barcode** 24-0450 **Vial Number:** 50
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:36:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85832	1.210	1.209	243.8178	0.1613
n-Propanol	0.88217	2.024	2.023	272.0975	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83360	1.454	1.453	228.7246	0.1608
n-Propanol	0.88952	2.622	2.621	252.0797	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0359 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2248	Aliquot 1:	0.2246
	Aliquot 2:	0.2301	Aliquot 2:	0.2297

Reported Result: 0.227 g/100 mL

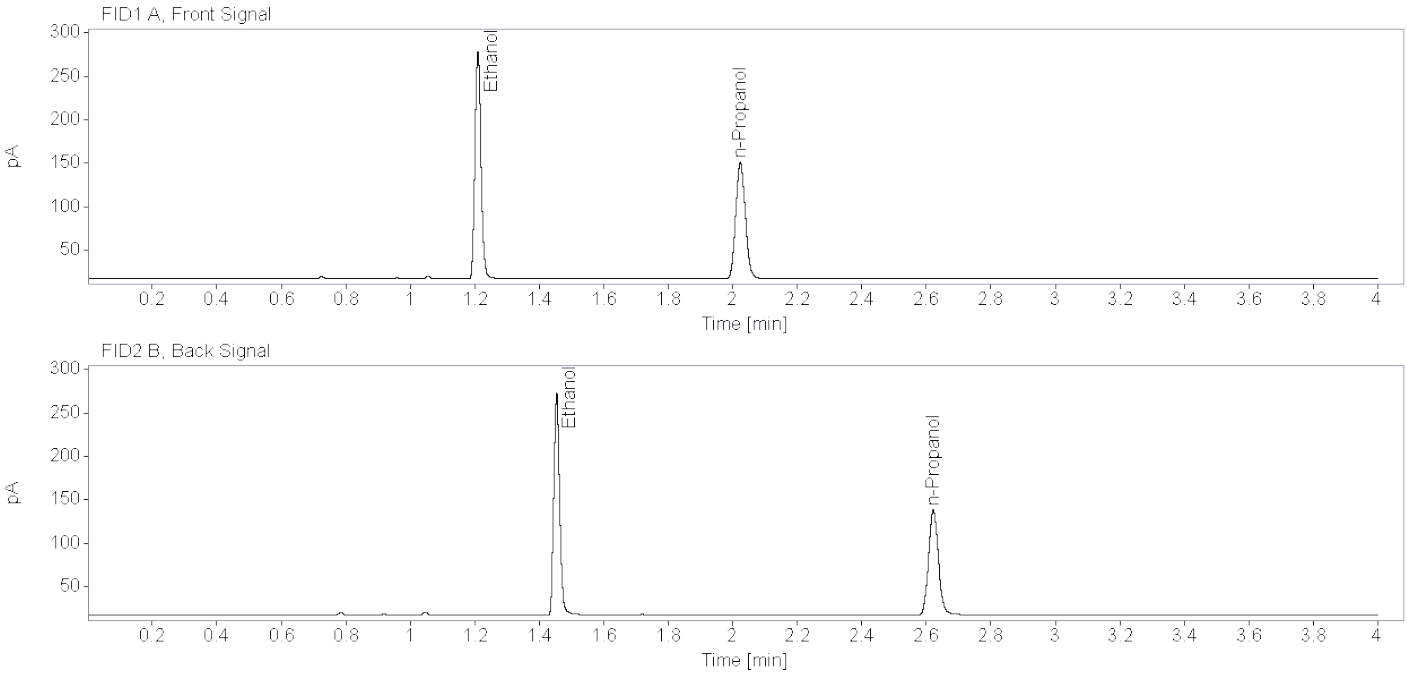
Reported UM: 0.033 g/100 mL

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0359 001 (24-0439) **Description:** Alq 1 **Sample Barcode** 24-0439 **Vial Number:** 39
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:39:30 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\039F3901.D



Name FID1A

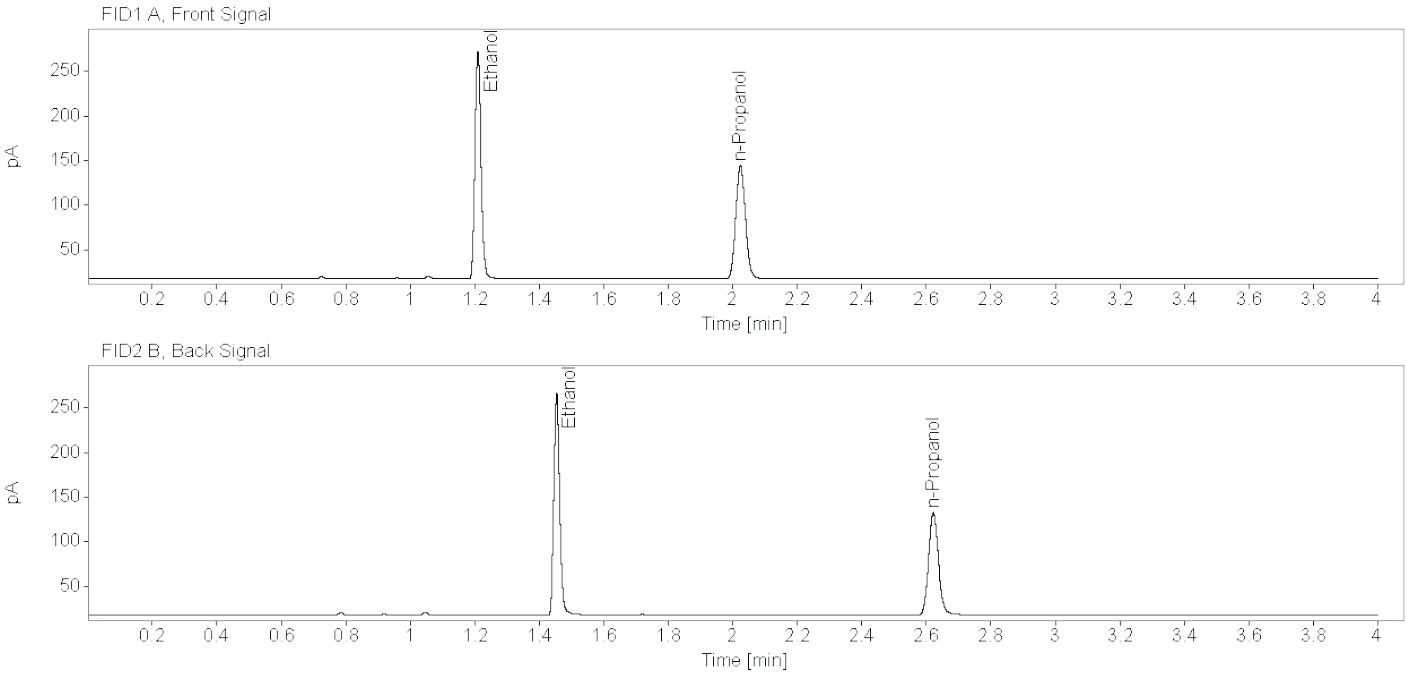
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85473	1.210	1.209	344.9822	0.2248
n-Propanol	0.87726	2.024	2.023	275.8658	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85642	1.454	1.453	324.2480	0.2246
n-Propanol	0.89085	2.622	2.621	255.4114	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0359 001 (24-0449) **Description:** Alq 2 **Sample Barcode** 24-0449 **Vial Number:** 49
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:31:30 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85231	1.210	1.209	336.2212	0.2301
n-Propanol	0.88140	2.024	2.023	262.6964	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85374	1.454	1.453	316.2341	0.2297
n-Propanol	0.88457	2.622	2.621	243.4682	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0360 001

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2455	Aliquot 1:	0.2456
	Aliquot 2:	0.2461	Aliquot 2:	0.2454

Reported Result: **0.245** **g/100 mL**

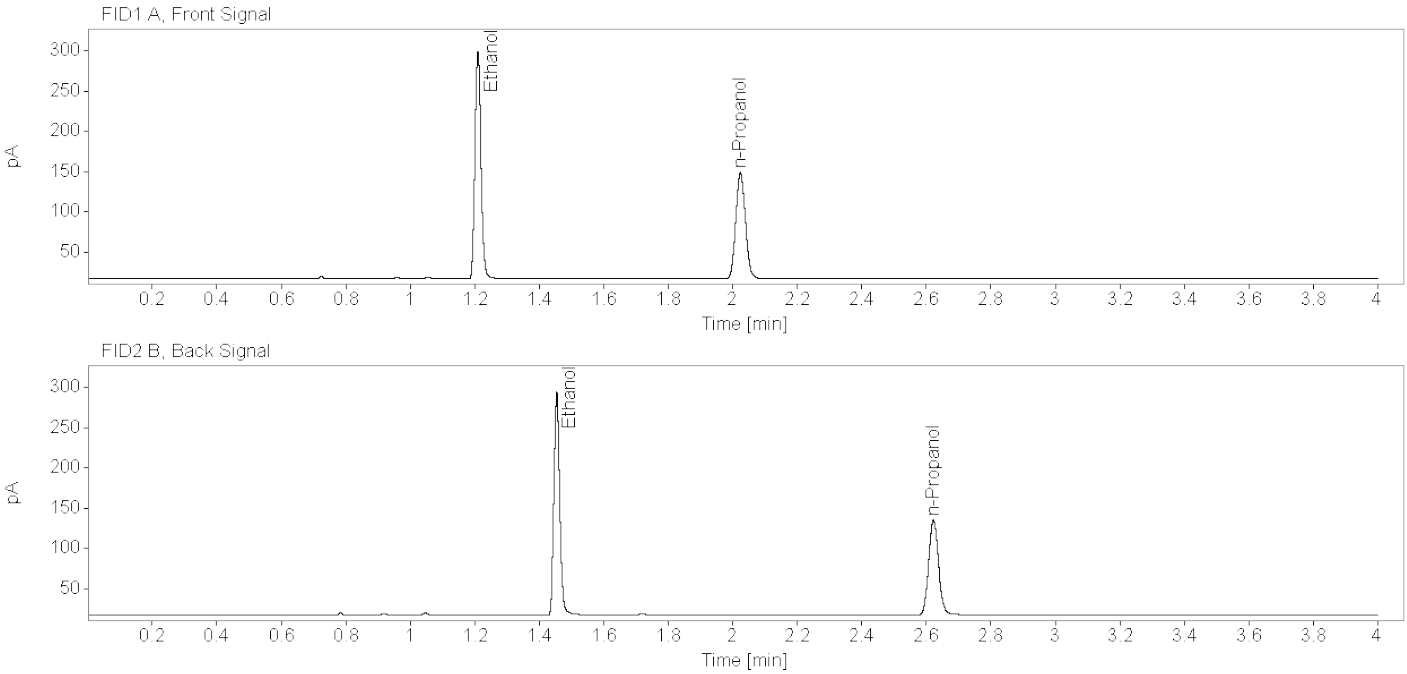
Reported UM: **0.035** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0360 001 (24-0440) **Description:** Alq 1 **Sample Barcode** 24-0440 **Vial Number:** 40
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:44:13 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\040F4001.D



Name FID1A

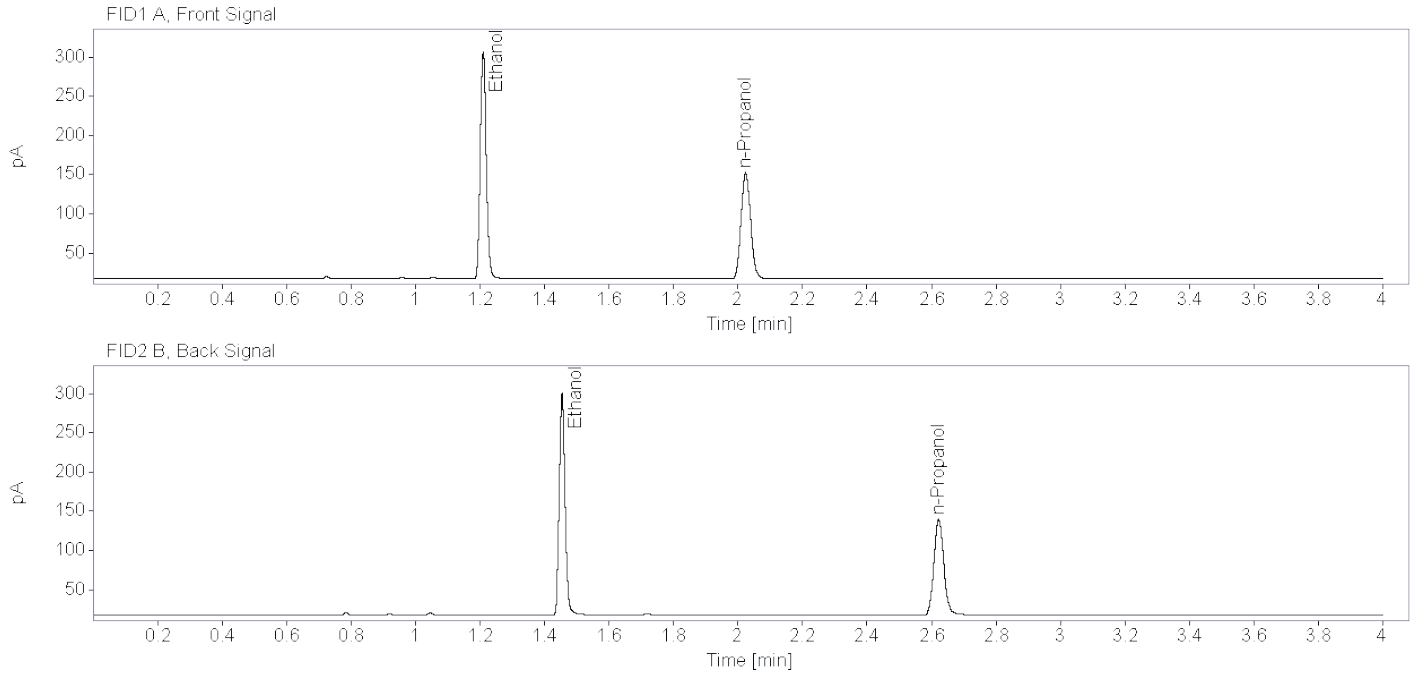
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85719	1.210	1.209	370.8574	0.2455
n-Propanol	0.88255	2.024	2.023	271.5002	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86470	1.454	1.453	349.3943	0.2456
n-Propanol	0.89292	2.622	2.621	251.5977	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0360 001 (24-0448) **Description:** Alq 2 **Sample Barcode** 24-0448 **Vial Number:** 48
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:25:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86554	1.210	1.209	381.0408	0.2461
n-Propanol	0.88305	2.024	2.023	278.2792	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86421	1.454	1.453	358.3734	0.2454
n-Propanol	0.89773	2.622	2.621	258.2458	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0382 001

Batch Name: BAC_20240304_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**

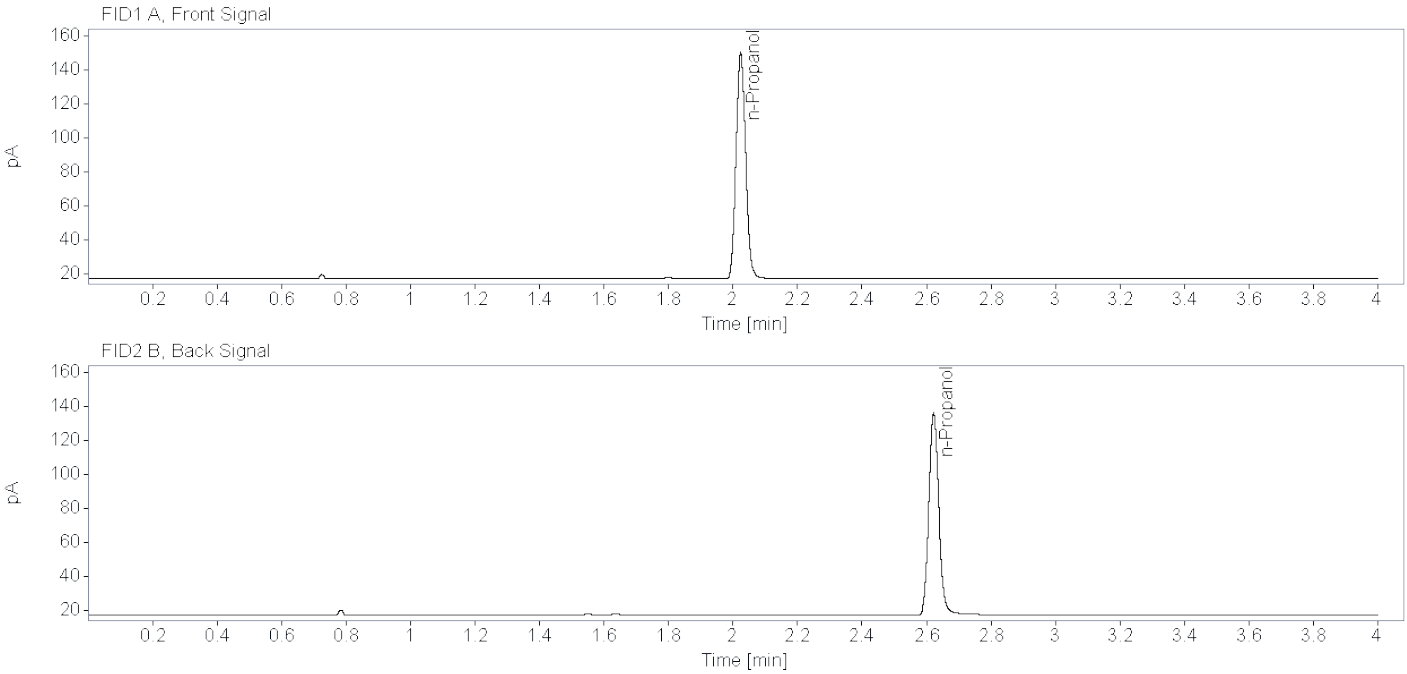
Reported UM: _____

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0382 001 (24-0441) **Description:** Alq 1 **Sample Barcode** 24-0441 **Vial Number:** 41
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:49:54 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\041F4101.D



Name FID1A

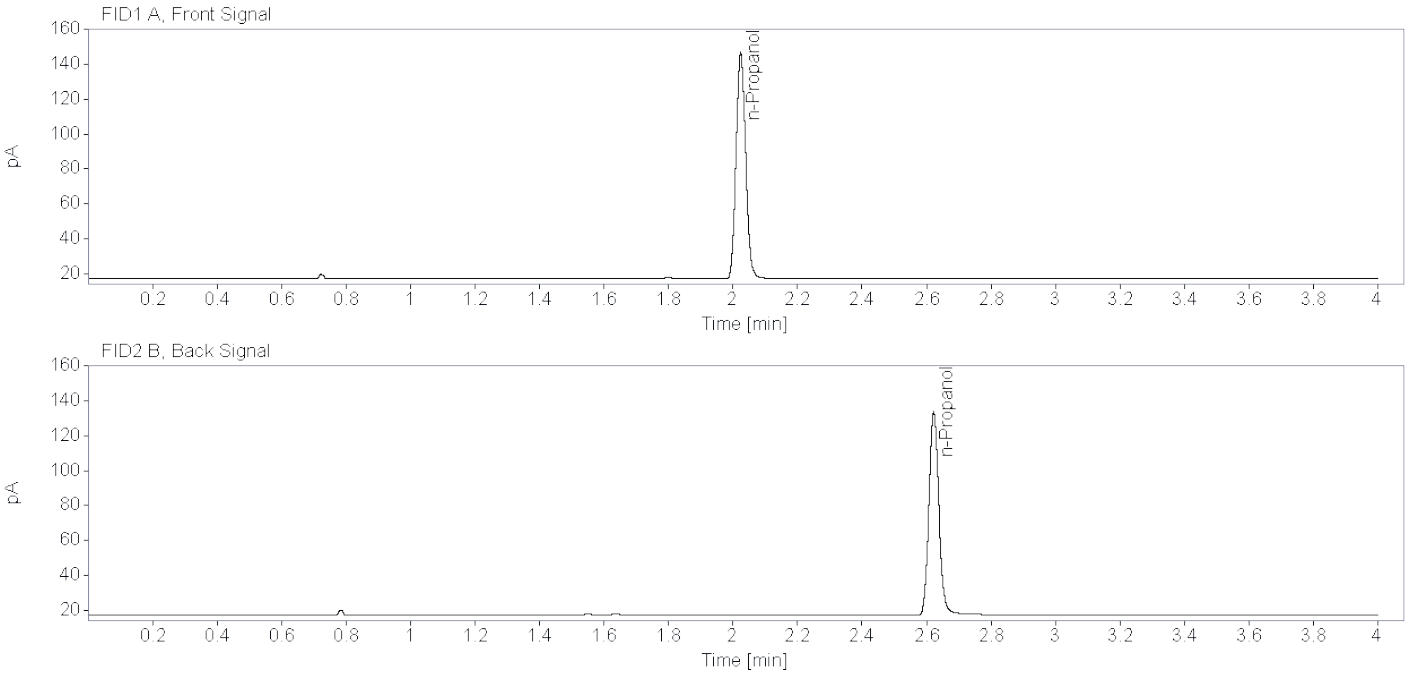
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.88390	2.024	2.023	274.4584	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89533	2.622	2.621	253.4719	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0382 001 (24-0447) **Description:** Alq 2 **Sample Barcode** 24-0447 **Vial Number:** 47
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:21:06 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87661	2.024	2.023	266.4505	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.89279	2.622	2.621	246.2494	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-0383 002

Batch Name: BAC_20240304_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1922	Aliquot 1:	0.1919
	Aliquot 2:	0.1963	Aliquot 2:	0.1960

Reported Result: **0.194** **g/100 mL**

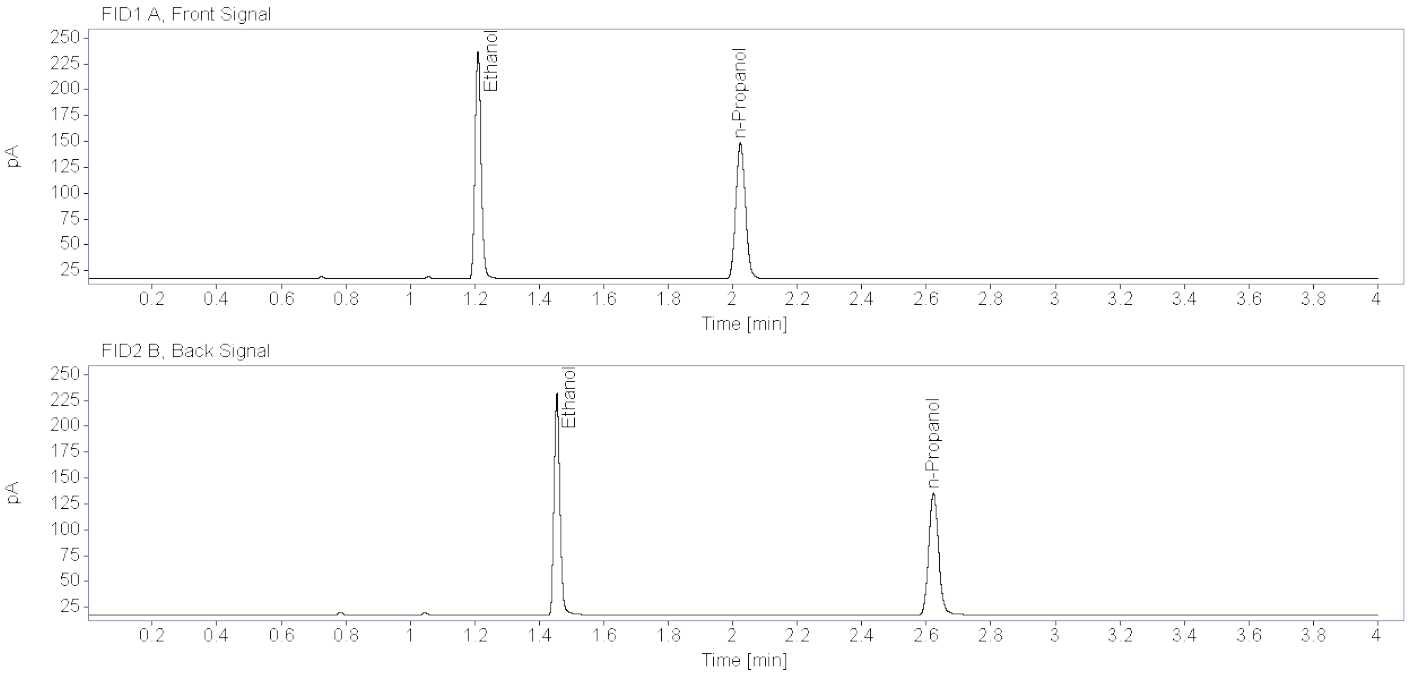
Reported UM: **0.028** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0383 002 (24-0442) **Description:** Alq 1 **Sample Barcode** 24-0442 **Vial Number:** 42
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 3:54:38 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\042F4201.D



Name FID1A

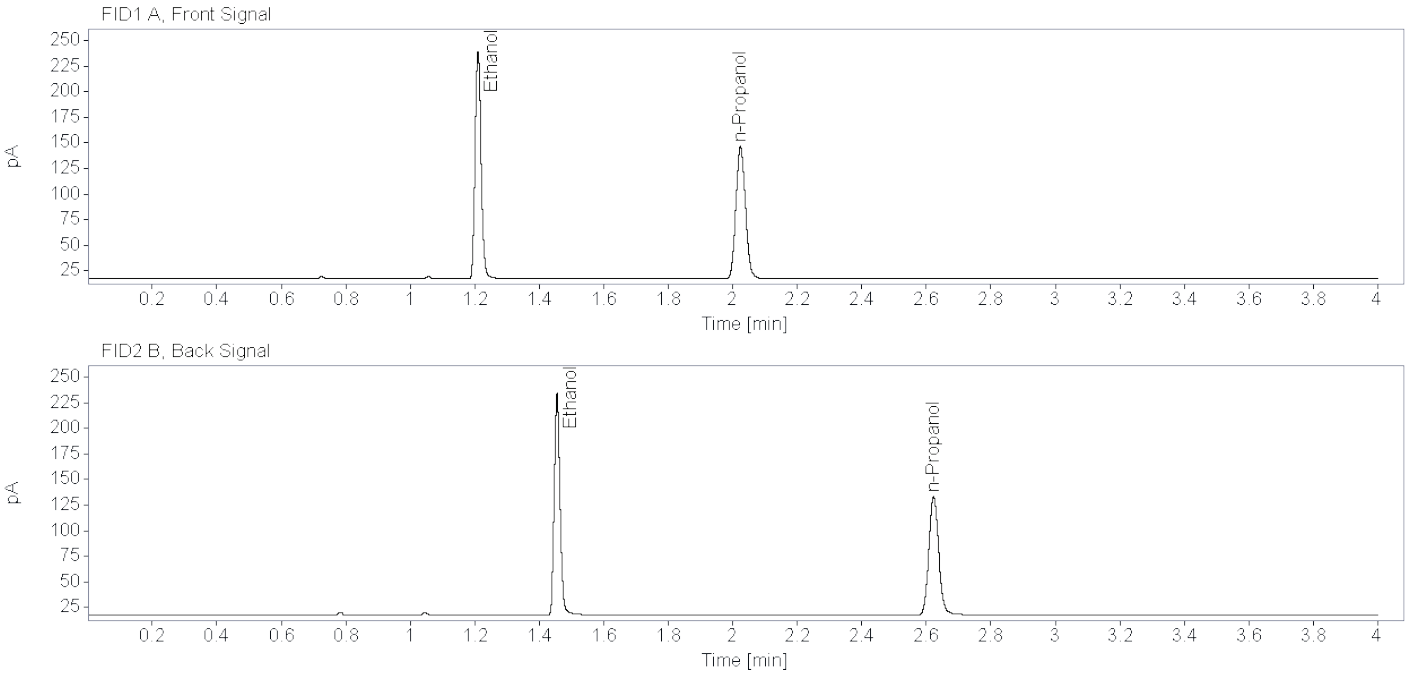
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85243	1.210	1.209	287.9943	0.1922
n-Propanol	0.88208	2.024	2.023	269.4475	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84415	1.455	1.453	270.3288	0.1919
n-Propanol	0.89033	2.622	2.621	249.3265	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-0383 002 (24-0446) **Description:** Alq 2 **Sample Barcode** 24-0446 **Vial Number:** 46
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/4/2024 4:15:25 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240304_MH 2024-03-04 12-11-46\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85251	1.210	1.209	289.6008	0.1963
n-Propanol	0.87682	2.024	2.023	265.3362	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84614	1.455	1.453	271.8682	0.1960
n-Propanol	0.88875	2.623	2.621	245.5847	0.0100