Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250220_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	107	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.02.24 12:45:58 -06'00'

Date: 2/24/2025

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.03.10 08:10:58 -05'00'

Date: 3/10/2025

Batch Name: BAC_20250220_MH

Technical Review Notes

-Incorrect inventory number for new lot of IS on batch info -KB 3/7/2025

-Incorrect FID 2 value for Low QC in the QC log -KB 3/7/2025

BAC Summary Worksheet

Batch Name:	BAC_20250220_MH
Instrument:	BAC-1
Analyst:	Melissa Henry
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		183.3141	182.7114
Acceptance Range	Min	164.9827	164.4402
	Max	201.6455	200.9825

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	0.0104	0.0104	0.0104	4.00	0.00	0.00	183.0811	182.5361
0.025 g/100mL Calibrator	0.0246	0.0247	0.0246	-1.60	0.00	0.41	181.0774	180.5400
0.050 g/100mL Calibrator	0.0492	0.0492	0.0492	-1.60	0.00	0.00	181.2500	180.6718
0.100 g/100mL Calibrator	0.0990	0.0992	0.0991	-0.90	-0.10	0.10	182.6517	182.0240
0.200 g/100mL Calibrator	0.1983	0.1985	0.1984	-0.80	-0.05	0.05	183.9140	183.3165
0.400 g/100mL Calibrator	0.4000	0.3997	0.3998	-0.05	0.05	-0.03	186.1008	185.4474
0.500 g/100mL Calibrator	0.5035	0.5034	0.5034	0.68	0.02	0.00	185.1234	184.4437

		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	-	-	-	188.4119	187.8014
High QC	0.4027	0.4024	0.4025	0.63	0.05	-0.02	182.9079	182.2543
Low QC	0.0794	0.0797	0.0795	-0.63	-0.13	0.25	181.4118	180.8155
Blood QC A	0.0752	0.0755	0.0753	-4.44	-0.13	0.27	186.5405	185.8920
Blood QC B	0.1955	0.1959	0.1957	2.09	-0.10	0.10	175.4690	174.9046
Blood QC A	0.0772	0.0773	0.0772	-2.03	0.00	0.13	179.3622	178.6269
Blood QC B	0.1948	0.1950	0.1949	1.67	-0.05	0.05	181.1079	180.2915
Blood QC A	0.0790	0.0794	0.0792	0.51	-0.25	0.25	184.3536	183.6116
High QC	0.4192	0.4204	0.4198	4.95	-0.14	0.14	178.9455	178.0128
Low QC	0.0823	0.0826	0.0824	3.00	-0.12	0.24	180.7402	179.9421
DI Water	0.0000	0.0000	0.0000	-	-	-	183.4431	182.4391

		Target	Acceptance Range Min	Acceptance Range Max
Controls	**High QC**	0.4000	0.3800	0.4200
	Low QC	0.0800	0.0760	0.0840
	Blood QC A	0.0788	0.0749	0.0827
	Blood QC B	0.1917	0.1821	0.2013

	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	% Difference FID & Average Alq1 FID2	% Difference FID & Average Alq 2 FID1	% Difference FID & Average Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	BCCL-23-1265 001	0.1954	0.1946	0.2102	0.2090	0.202	0.033	-3.41	-3.81	3.91	3.31	184.5610	184.2353	172.9824	172.3002
2	BCCL-25-0191 001_001	0.1952	0.1954	0.2081	0.2091	0.201	0.033	-3.34	-3.24	3.05	3.54	183.4400	182.9660	178.0532	177.1590
3	BCCL-25-0201 001	0.1091	0.1092	0.1127	0.1133	0.111	0.018	-1.78	-1.69	1.46	2.00	187.1555	186.5429	178.2618	177.5288
4	BCCL-25-0201 002	0.3037	0.3037	0.3113	0.3117	0.307	0.050	-1.27	-1.27	1.20	1.33	184.4396	183.7924	183.6662	182.7489
5	**BCCL-25-0201 003**	0.0829	0.0828	0.0856	0.0856	0.084	0.014	-1.57	-1.69	1.63	1.63	184.7708	184.1598	178.6637	177.7897
6	BCCL-25-0201 004	0.1659	0.1662	0.1673	0.1674	0.166	0.027	-0.48	-0.30	0.36	0.42	181.2076	180.4958	182.4050	181.5347
7	BCCL-25-0202 001_001	0.2705	0.2703	0.2790	0.2797	0.274	0.044	-1.59	-1.66	1.50	1.76	181.7478	181.1184	175.5812	175.0058
8	BCCL-25-0203 001_001	0.2771	0.2770	0.2856	0.2866	0.281	0.045	-1.59	-1.62	1.43	1.78	180.7554	180.2130	176.0751	175.3217
9	BCCL-25-0208 001_001	0.2180	0.2185	0.2252	0.2255	0.221	0.036	-1.71	-1.49	1.53	1.67	179.4762	178.8548	174.2461	173.4763
10	BCCL-25-0209 001_001	0.1973	0.1975	0.1989	0.1994	0.198	0.032	-0.49	-0.39	0.32	0.57	185.9856	185.4251	186.4646	185.9647
11	**BCCL-25-0212 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		[illegible]	[illegible]	[illegible]	[illegible]	185.1253	184.4433	181.0830	180.3575
12	BCCL-25-0222 001_001	0.2143	0.2147	0.2166	0.2171	0.215	0.035	-0.64	-0.45	0.43	0.66	183.3454	182.7638	182.6672	181.8899
13	BCCL-25-0223 001_001	0.2578	0.2582	0.2520	0.2527	0.255	0.041	1.03	1.19	-1.24	-0.97	175.1345	174.5365	179.7684	178.8929
14	BCCL-25-0228 001_001	0.1685	0.1688	0.1608	0.1612	0.164	0.027	2.23	2.41	-2.44	-2.20	183.9948	183.4680	181.3774	180.8868
15	BCCL-25-0246 001_001	0.1914	0.1917	0.1911	0.1916	0.191	0.031	-0.03	0.13	-0.18	0.08	181.6675	180.9987	178.3760	177.5741
16	BCCL-25-0247 001_001	0.1732	0.1733	0.1717	0.1723	0.172	0.028	0.33	0.39	-0.54	-0.19	184.6930	184.0548	183.6465	182.8335
17	BCCL-25-0268 001_001	0.1265	0.1270	0.1266	0.1271	0.126	0.020	-0.24	0.16	-0.16	0.24	181.1502	180.5449	184.7851	184.0577
18	BCCL-25-0273 001_001	0.1632	0.1635	0.1620	0.1627	0.162	0.026	0.21	0.40	-0.52	-0.09	183.0771	182.5603	179.3782	178.5629
19	BCCL-25-0288 001_001	0.1973	0.1979	0.1956	0.1957	0.196	0.032	0.34	0.65	-0.52	-0.47	180.7950	180.2581	178.4540	177.7319
20	**IS Chk A**	0.0000	0.0000	0.0000	0.0000	none detected		[illegible]	[illegible]	[illegible]	[illegible]	187.0389	186.3773	181.5297	180.7196

Internal Standard lot R-25-5001 (expiration 8/1/2025) was verified in this batch. The response of the new lot is within +/- 20% of the response of the negative control; therefore the new lot of internal standard is deemed acceptable for use in casework. -- 2/21/2025 mh

Melissa Henry

Digitally signed by Melissa Henry
Date: 2025.02.24 12:38:59 -06'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20250220-MH **Analyst:** Melissa Henry **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008Q
Cal 2	FN03122112	3/31/2026	S-23-5009D
Cal 3	FN03172301	3/31/2028	S-23-5010G
Cal 4	FN03072301	3/31/2028	S-23-5011G
Cal 5	FN03132302	3/31/2028	S-23-5012F
Cal 6	FN03052102	3/31/2026	S-23-5013E
Cal 7	FN06262004	7/31/2025	S-23-5014H
High QC	12052023-B	5/31/2028	S-24-5080B
Low QC	517757	6/21/2025	S-24-5001K
Blood QC A	2401241	2/28/2028	S-24-5002F
Blood QC B	2302120	5/31/2027	S-24-5003F
Internal Standard	N/A	3/4/2025	R-24-5006
Pipette(s)	5053, 205L		

Comments:

Internal standard (R-25-~~5002~~ 5001) exp. 8/1/2025 verified in this batch. 2/20/2025 mh 3/7/2025 mh

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC_20250220_MH

Worklist ID: T73JBKGQCXX5VM

Case #	Evid #	Evid Type	Service
BCCL-23-1265	001	Blood	Alcohol
BCCL-25-0191	001_001	Blood	Alcohol
BCCL-25-0201	Item 001	Blood	Alcohol
	Item 002	Blood	Alcohol
	Item 003	Blood	Alcohol
	Item 004	Blood	Alcohol
BCCL-25-0202	001_001	Blood	Alcohol
BCCL-25-0203	001_001	Blood	Alcohol
BCCL-25-0208	001_001	Blood	Alcohol
BCCL-25-0209	001_001	Blood	Alcohol
BCCL-25-0212	001_001	Blood	Alcohol
BCCL-25-0222	001_001	Blood	Alcohol
BCCL-25-0223	001_001	Blood	Alcohol
BCCL-25-0228	001_001	Blood	Alcohol
BCCL-25-0246	001_001	Blood	Alcohol

mh

BAC_20250220_MH

Case #	Evid #	Evid Type	Service
BCCL-25-0247	001_001	Blood	Alcohol
BCCL-25-0268	001_001	Blood	Alcohol
BCCL-25-0273	001_001	Blood	Alcohol
BCCL-25-0288	001_001	Blood	Alcohol

mh

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250220_MH.S

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2025\BAC_20250220_MH.S
Operator : Melissa Henry
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : 2025
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 ICB 2/20/2025

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-0315)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1

==========

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (25-0316)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2

==========

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (25-0317)
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 (25-0318)
Method Name : BAC
Sample Type : Calibration

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250220_MH.S

Calibration Level : 4

Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (25-0319)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (25-0320)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (25-0321)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

Line : 8
Location : 8
Sample Information :
Sample Name : Negative (25-0322)
Method Name : BAC
Sample Type : Sample

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-0323)
Method Name : BAC
Sample Type : Sample

Line : 10
Location : 10
Sample Information :

Sample Name : Low QC (25-0324)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-0325)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-23-1265 001 (25-0326)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-0191 001_001 (25-0327)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-25-0201 001 (25-0328)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-0201 002 (25-0329)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

Sample Name : BCCL-25-0201 003 (25-0330)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-0201 004 (25-0331)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-0202 001_001 (25-0332)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-0203 001_001 (25-0333)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-25-0208 001_001 (25-0334)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-0209 001_001 (25-0335)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250220_MH.S

Sample Name : Blood QC B (25-0336)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-0212 001_001 (25-0337)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-0222 001_001 (25-0338)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-0223 001_001 (25-0339)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-25-0228 001_001 (25-0340)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-0246 001_001 (25-0341)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250220_MH.S

Sample Name : BCCL-25-0247 001_001 (25-0342)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-0268 001_001 (25-0343)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-0273 001_001 (25-0344)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-0288 001_001 (25-0345)
Method Name : BAC
Sample Type : Sample

==========

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : IS Chk A (25-0346)
Method Name : BAC
Sample Type : Sample

==========

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-0347)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 2

mh

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250220_MH.S

Sample Name : IS Chk B (25-0348)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-25-0288 001_001 (25-0349)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-25-0273 001_001 (25-0350)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-25-0268 001_001 (25-0351)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq 2
Sample Name : BCCL-25-0247 001_001 (25-0352)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-25-0246 001_001 (25-0353)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq 2

mh

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250220_MH.S

Sample Name : BCCL-25-0228 001_001 (25-0354)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-25-0223 001_001 (25-0355)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-25-0222 001_001 (25-0356)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-25-0212 001_001 (25-0357)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (25-0358)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-0209 001_001 (25-0359)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

Sample Name : BCCL-25-0208 001_001 (25-0360)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-0203 001_001 (25-0361)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-0202 001_001 (25-0362)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-0201 004 (25-0363)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-25-0201 003 (25-0364)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-0201 002 (25-0365)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

mh

Sample Name : BCCL-25-0201 001 (25-0366)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-0191 001_001 (25-0367)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-23-1265 001 (25-0368)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (25-0369)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information :
Sample Name : High QC (25-0370)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (25-0371)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information :

mh

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250220_MH.S

Sample Name : DI Water (25-0372)
Method Name : BAC
Sample Type : Sample

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mh

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/10/2025 at 9:16:23 AM

Method Information

Method: C:\Chem32\1\Methods\BAC.M
Modified: 2/10/2025 at 9:16:23 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: 2/10/2025 at 9:16:23 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: 2/10/2025 at 9:16:23 AM

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Agilent 7890A

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

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/10/2025 at 9:16:23 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: 2/10/2025 at 9:16:23 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: 2/10/2025 at 9:16:23 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: 2/10/2025 at 9:16:23 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

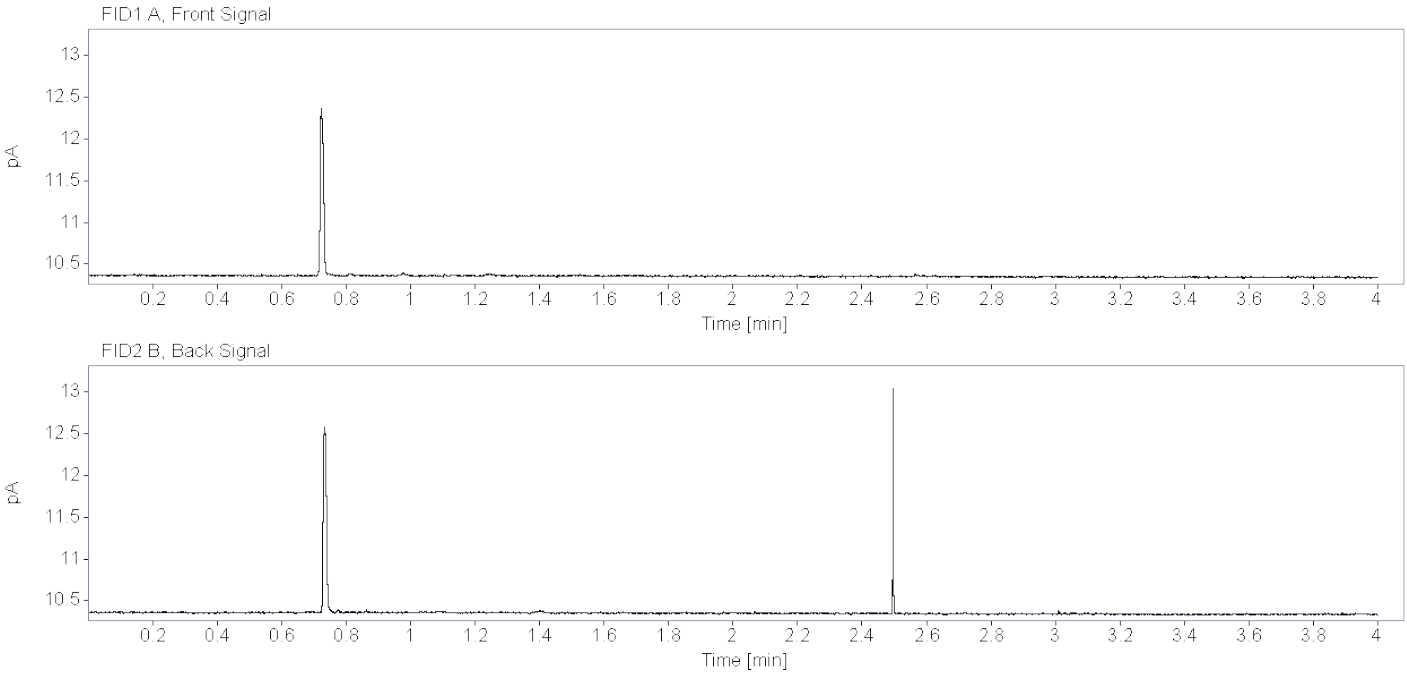
Detector Default Integration Event Table "Event_FID"

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

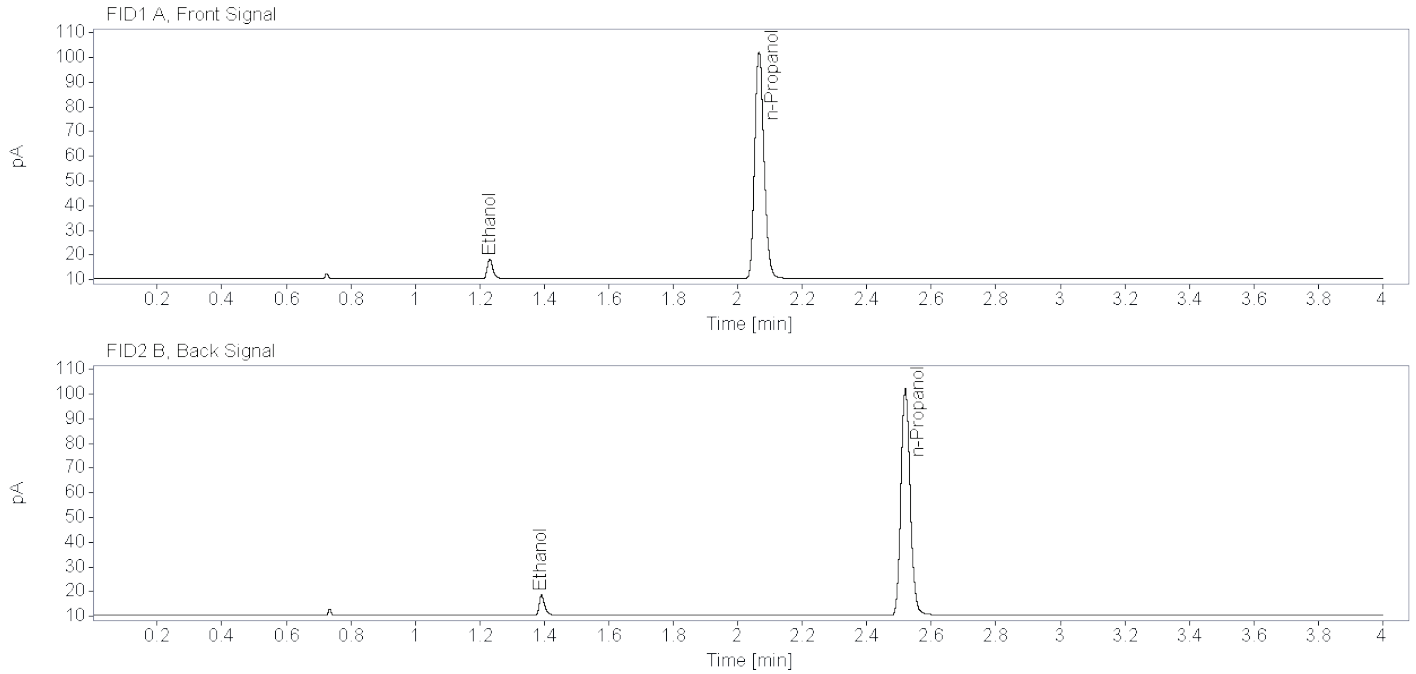
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 8:56:02 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250220PC_MH 2025-02-20 08-46-06\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:** 2/20/2025 9:00:45 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250220PC_MH 2025-02-20 08-46-06\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69068	1.231	1.231	9.6519	0.0107
n-Propanol	0.82274	2.066	2.066	184.1381	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.64805	1.392	1.392	9.5314	0.0105
n-Propanol	0.84856	2.520	2.520	183.6049	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 2/21/2025 8:11:49 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
1.226	1	1	1.00000e-2	9.60386	1.04125e-3	No	No	1	Ethanol
		2	2.50000e-2	23.96165	1.04333e-3				
		3	5.00000e-2	48.91539	1.02217e-3				
		4	1.00000e-1	100.41582	9.95859e-4				
		5	2.00000e-1	203.62384	9.82203e-4				
		6	4.00000e-1	416.68658	9.59954e-4				
		7	5.00000e-1	522.00903	9.57838e-4				
1.386	2	1	1.00000e-2	9.56631	1.04534e-3	No	No	2	Ethanol
		2	2.50000e-2	23.98265	1.04242e-3				
		3	5.00000e-2	48.87073	1.02311e-3				
		4	1.00000e-1	100.36820	9.96331e-4				
		5	2.00000e-1	203.29402	9.83797e-4				
		6	4.00000e-1	415.14636	9.63516e-4				
		7	5.00000e-1	520.32007	9.60947e-4				
2.067	1	1	1.00000e-2	183.08113	5.46206e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	181.07744	5.52250e-5				
		3	1.00000e-2	181.25005	5.51724e-5				
		4	1.00000e-2	182.65170	5.47490e-5				
		5	1.00000e-2	183.91400	5.43732e-5				
		6	1.00000e-2	186.10078	5.37343e-5				
		7	1.00000e-2	185.12340	5.40180e-5				
2.520	2	1	1.00000e-2	182.53606	5.47837e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	180.53999	5.53894e-5				
		3	1.00000e-2	180.67177	5.53490e-5				
		4	1.00000e-2	182.02397	5.49378e-5				
		5	1.00000e-2	183.31650	5.45505e-5				
		6	1.00000e-2	185.44742	5.39236e-5				
		7	1.00000e-2	184.44371	5.42171e-5				

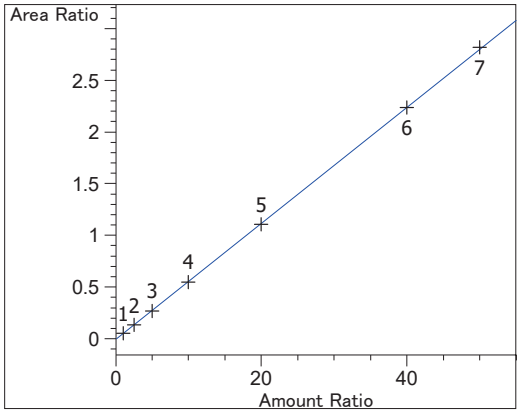
Peak Sum Table

No Entries in table

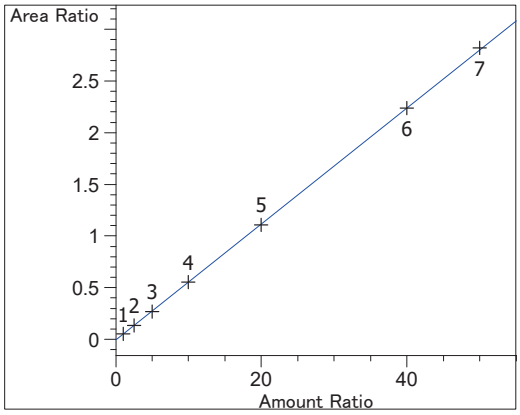
1 Warnings or Errors :

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

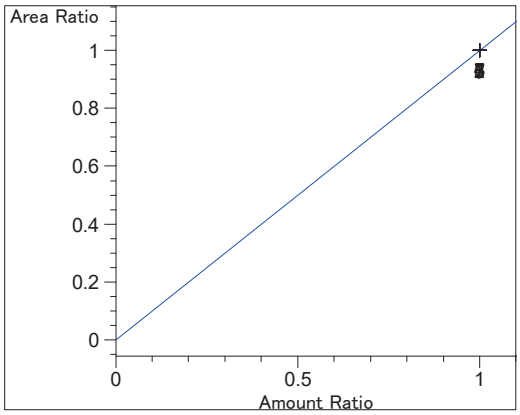
Calibration Curves



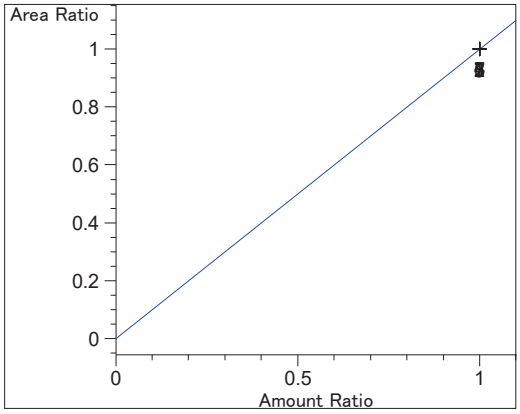
Ethanol at exp. RT: 1.226
FID1 A, Front Signal
Correlation: 0.99996
Residual Std. Dev.: 0.01033
Formula: y = mx + b
m: 5.61230e-2
b: -5.98009e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.396415
Level 3 : 0.194373
Level 4 : 0.095417
Level 5 : 0.047379
Level 6 : 0.023428
Level 7 : 0.018603



Ethanol at exp. RT: 1.386
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00982
Formula: y = mx + b
m: 5.61554e-2
b: -5.80104e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.394523
Level 3 : 0.193748
Level 4 : 0.095045
Level 5 : 0.047258
Level 6 : 0.023411
Level 7 : 0.018578



n-Propanol at exp. RT: 2.067
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

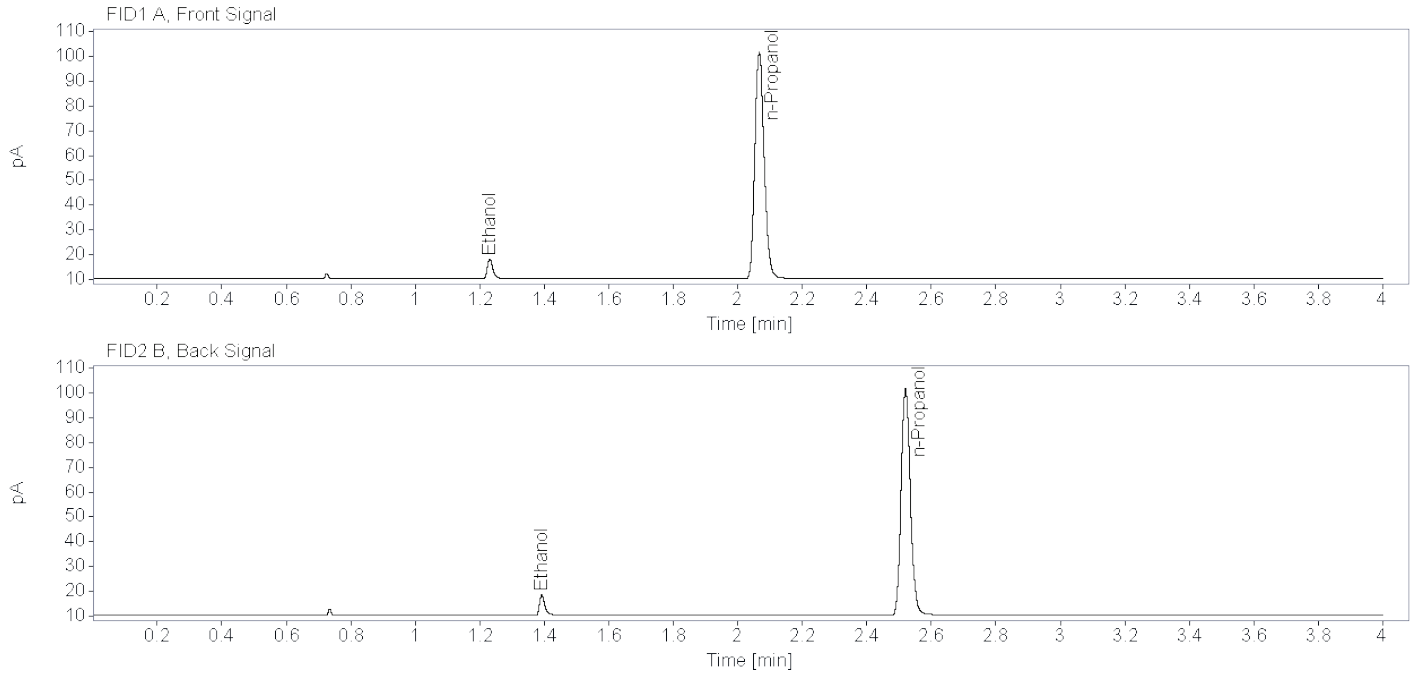


n-Propanol at exp. RT: 2.520
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-0315) **Description:** **Sample Barcode** 25-0315 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 12:56:11 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\001F0101.D



Name FID1A

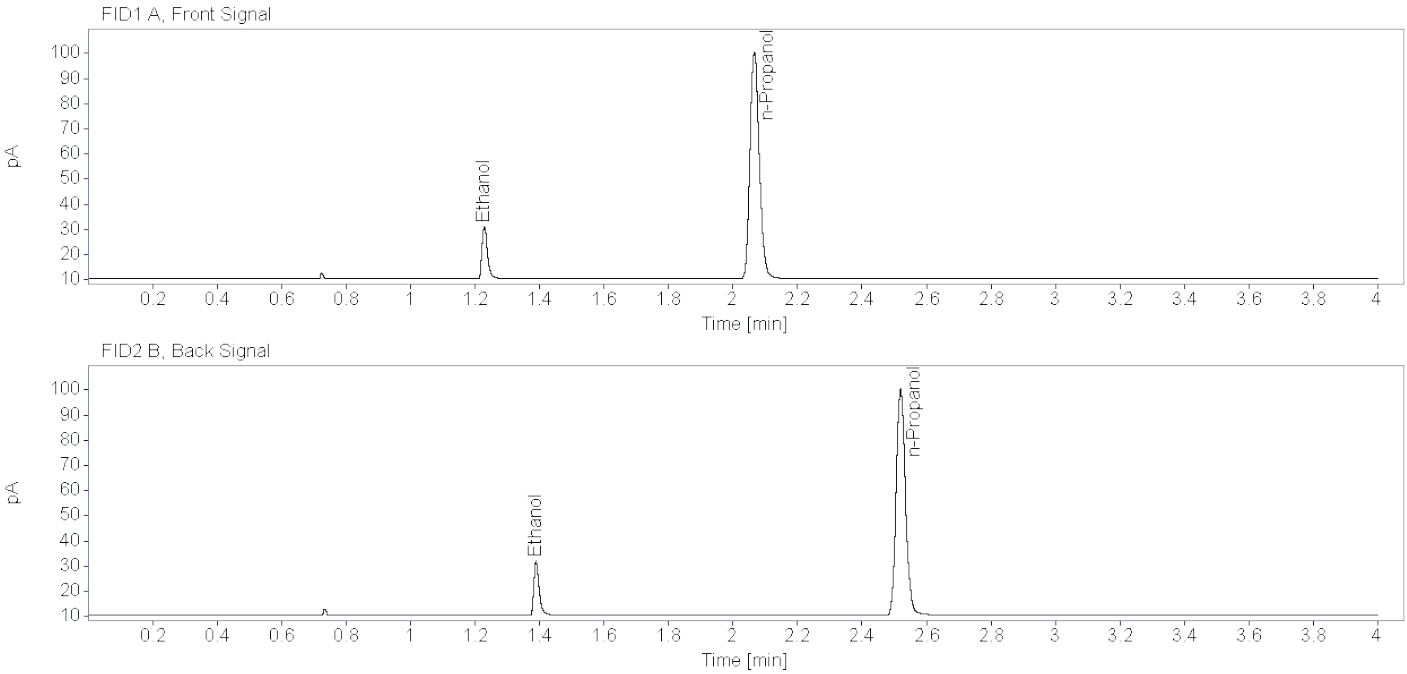
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68571	1.231	1.231	9.6039	0.0104
n-Propanol	0.82311	2.067	2.067	183.0811	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.64695	1.392	1.392	9.5663	0.0104
n-Propanol	0.84464	2.520	2.520	182.5361	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-0316) **Description:** **Sample Barcode** 25-0316 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:00:53 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\002F0201.D



Name FID1A

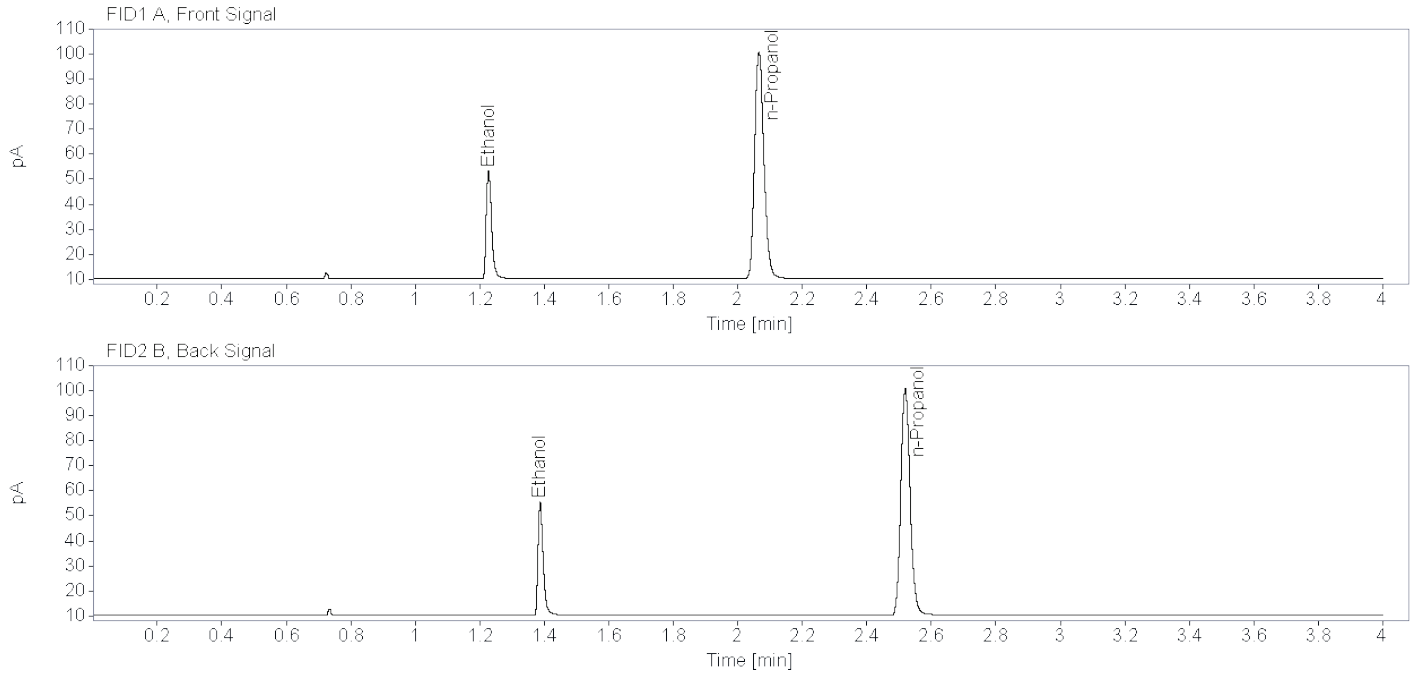
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68472	1.229	1.229	23.9617	0.0246
n-Propanol	0.81922	2.066	2.066	181.0774	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.63878	1.389	1.389	23.9826	0.0247
n-Propanol	0.84511	2.520	2.520	180.5400	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-0317) **Description:** **Sample Barcode** 25-0317 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:06:35 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\003F0301.D



Name FID1A

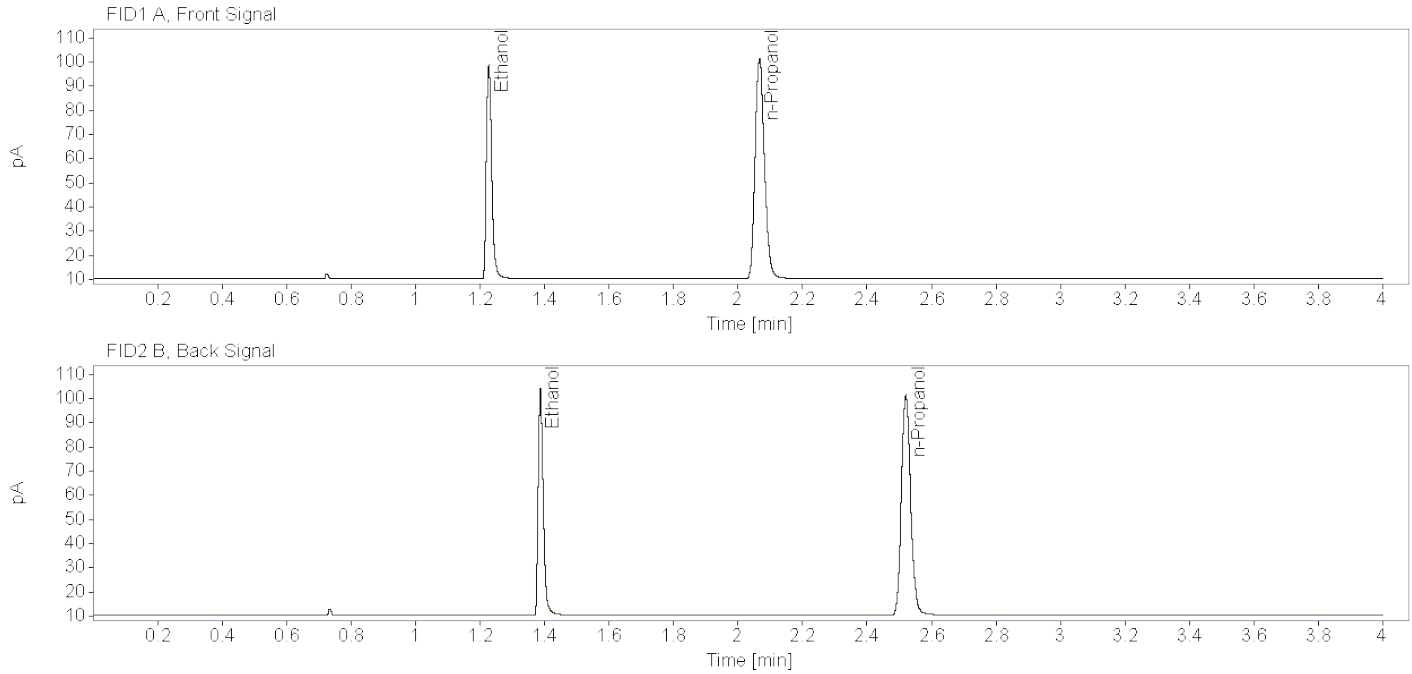
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70546	1.227	1.227	48.9154	0.0492
n-Propanol	0.81697	2.066	2.066	181.2500	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.67710	1.388	1.388	48.8707	0.0492
n-Propanol	0.83949	2.519	2.519	180.6718	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-0318) **Description:** **Sample Barcode** 25-0318 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:11:18 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\004F0401.D



Name FID1A

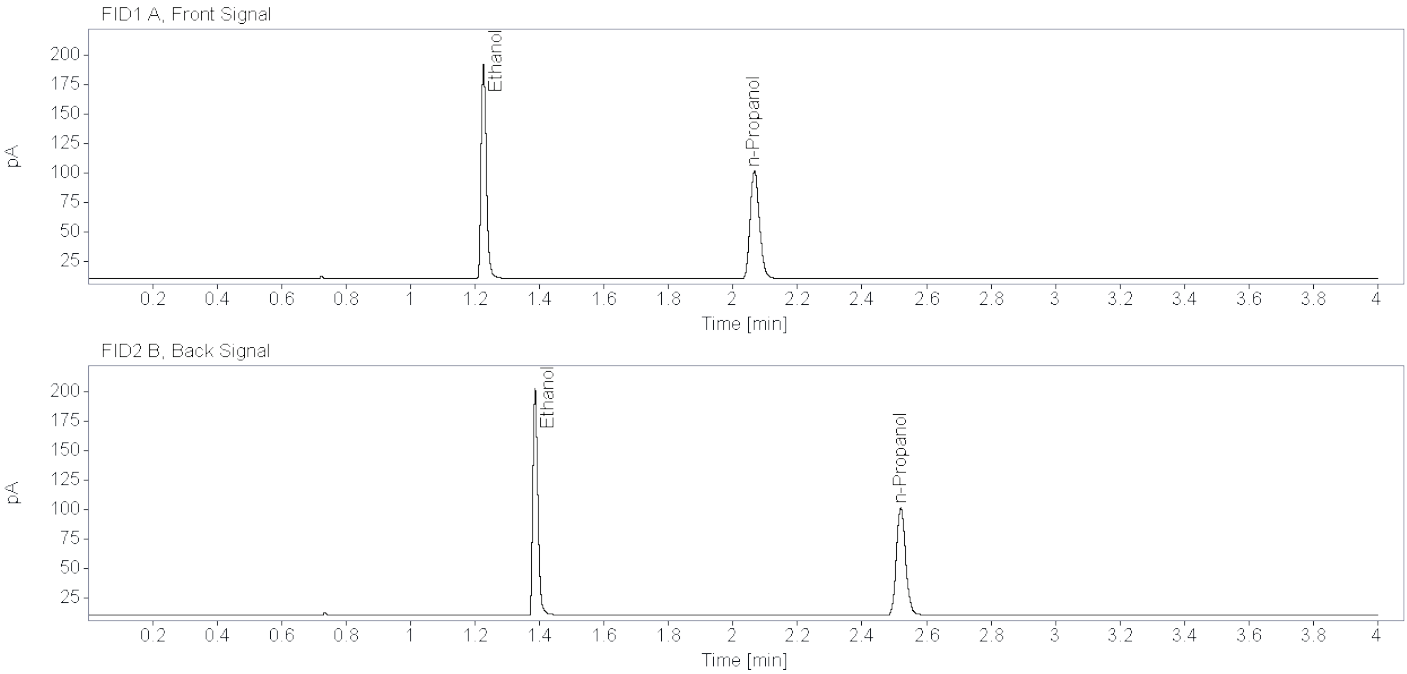
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72269	1.227	1.227	100.4158	0.0990
n-Propanol	0.82118	2.067	2.067	182.6517	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71875	1.387	1.387	100.3682	0.0992
n-Propanol	0.84886	2.520	2.520	182.0240	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-0319) **Description:** **Sample Barcode** 25-0319 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:16:58 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\005F0501.D



Name FID1A

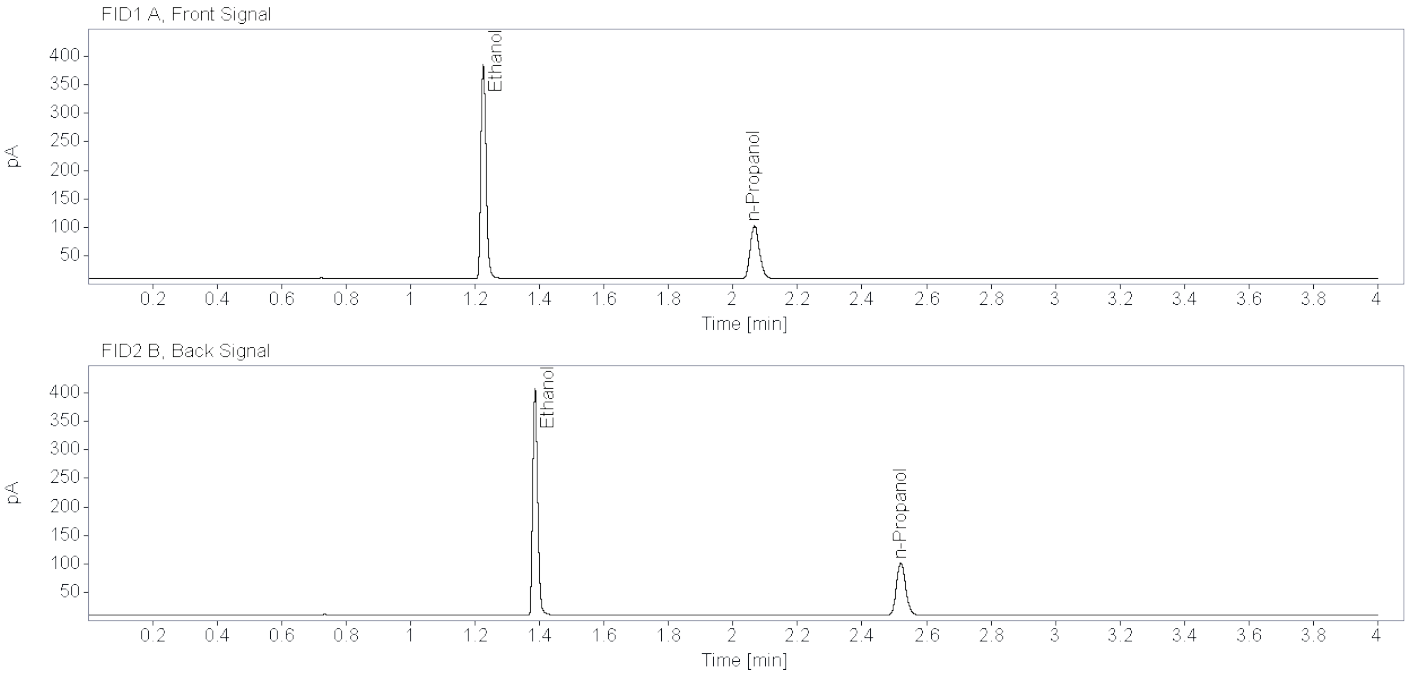
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75259	1.226	1.226	203.6238	0.1983
n-Propanol	0.82298	2.067	2.067	183.9140	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74821	1.387	1.387	203.2940	0.1985
n-Propanol	0.84748	2.520	2.520	183.3165	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-0320) **Description:** **Sample Barcode** 25-0320 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:21:41 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\006F0601.D



Name FID1A

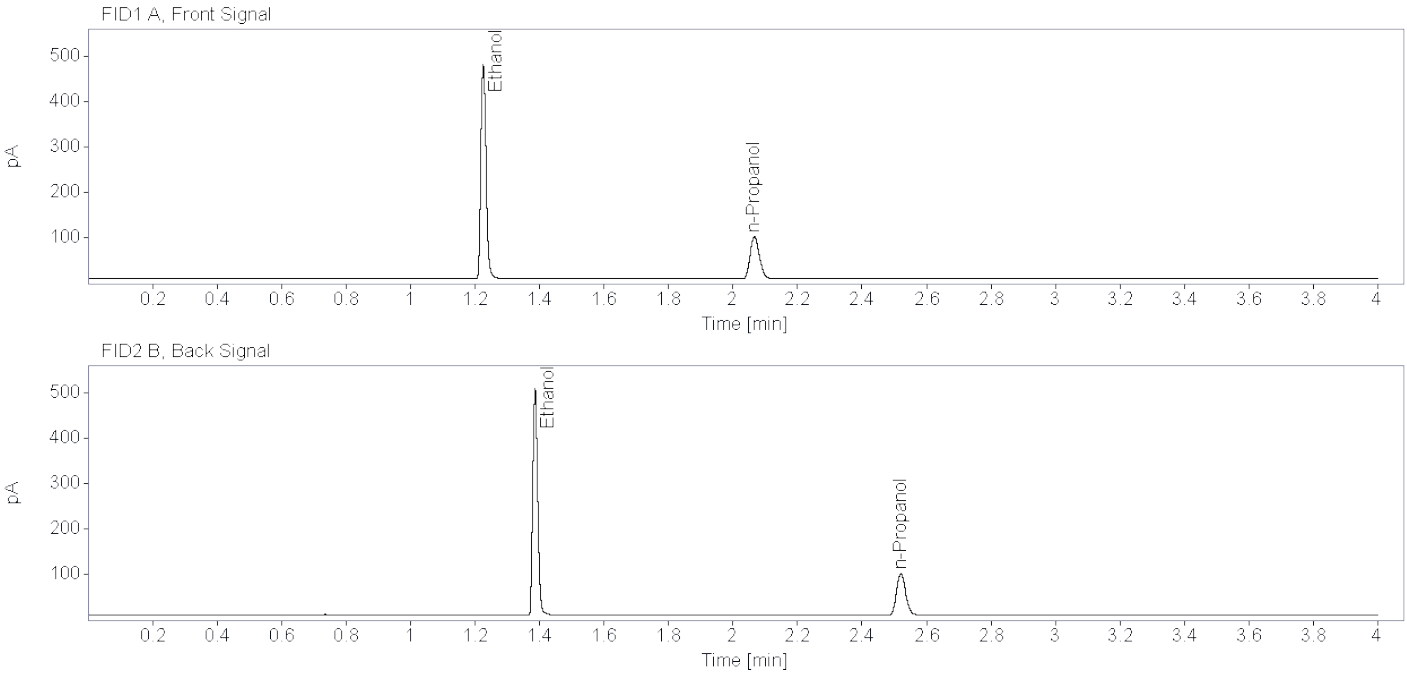
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79610	1.226	1.226	416.6866	0.4000
n-Propanol	0.82494	2.067	2.067	186.1008	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80121	1.386	1.386	415.1464	0.3997
n-Propanol	0.85214	2.520	2.520	185.4474	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-0321) **Description:** **Sample Barcode** 25-0321 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:27:23 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\007F0701.D



Name FID1A

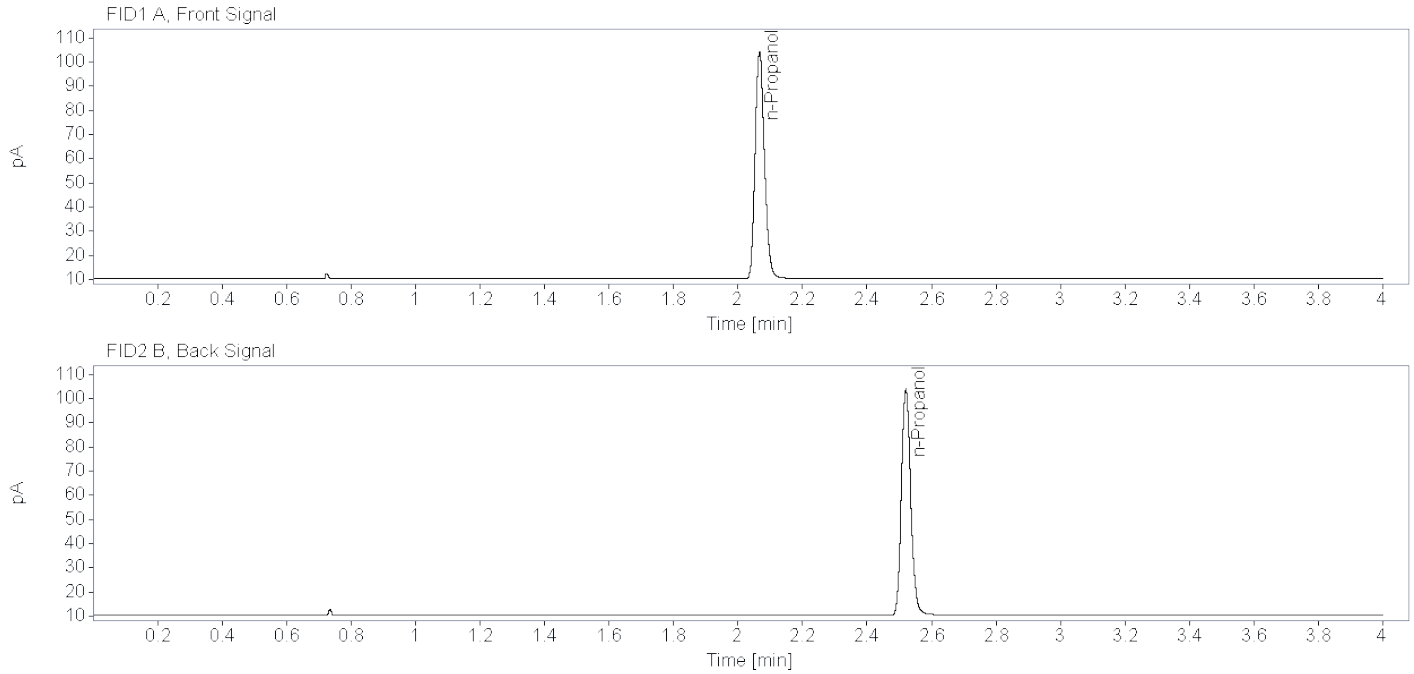
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80829	1.226	1.226	522.0090	0.5035
n-Propanol	0.82488	2.067	2.067	185.1234	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83013	1.386	1.386	520.3201	0.5034
n-Propanol	0.85078	2.520	2.520	184.4437	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-0322) **Description:** **Sample Barcode** 25-0322 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:32:05 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\008F0801.D



Name FID1A

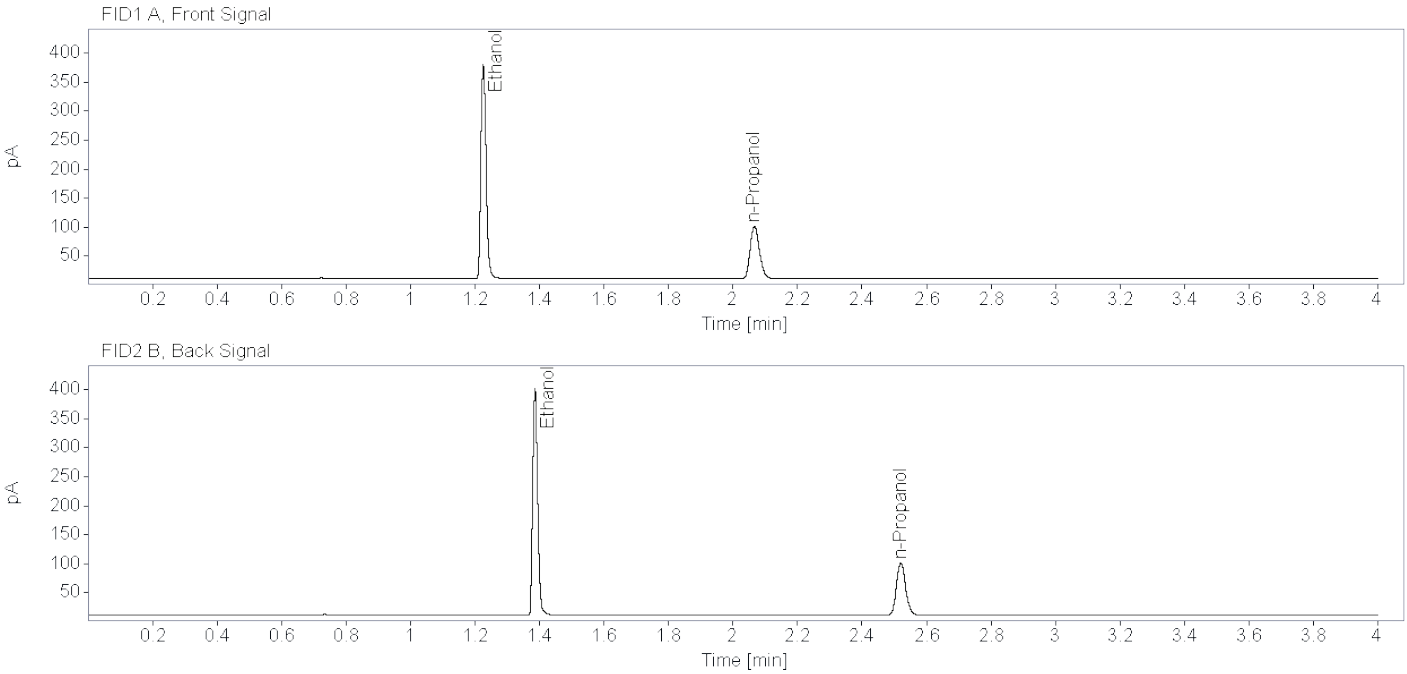
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82261	2.067	2.067	188.4119	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85013	2.520	2.520	187.8014	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0323) **Description:** **Sample Barcode** 25-0323 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:37:46 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\009F0901.D



Name FID1A

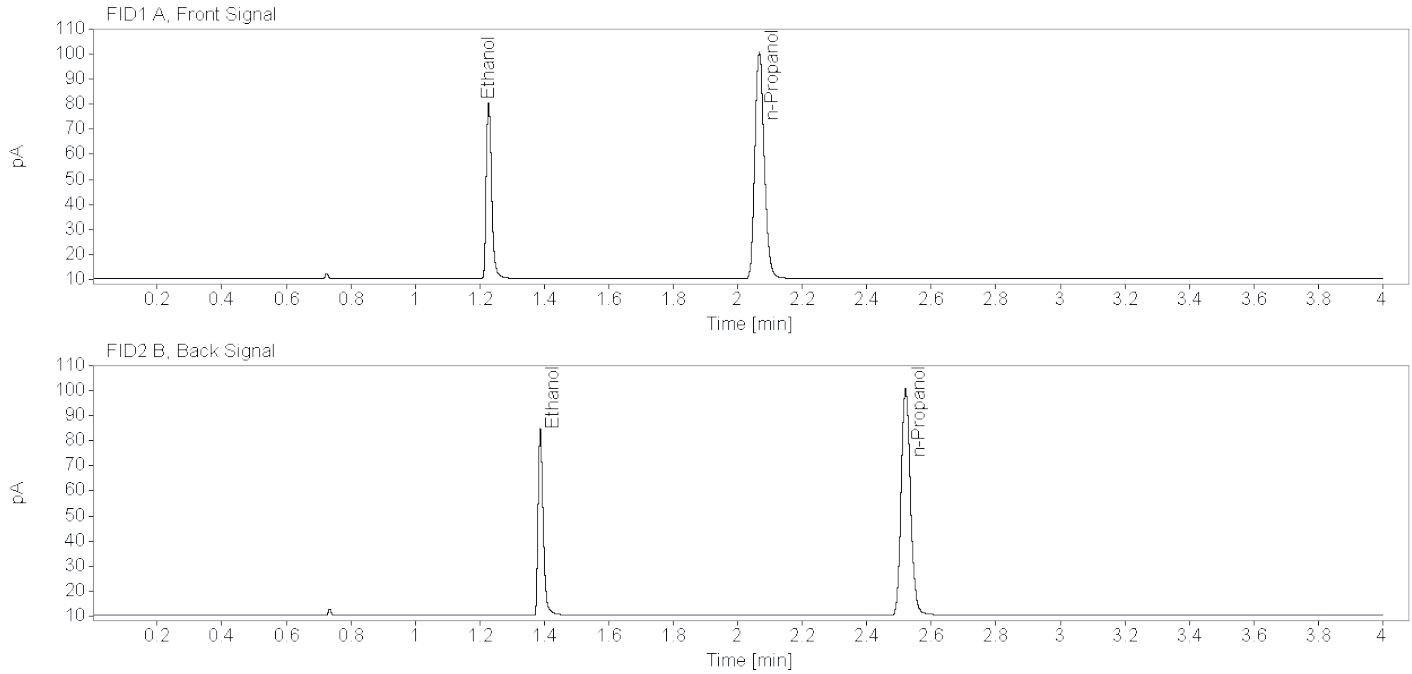
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79426	1.226	1.226	412.2899	0.4027
n-Propanol	0.82118	2.067	2.067	182.9079	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80031	1.386	1.386	410.7652	0.4024
n-Propanol	0.84805	2.520	2.520	182.2543	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0324) **Description:** **Sample Barcode** 25-0324 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:42:29 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\010F1001.D



Name FID1A

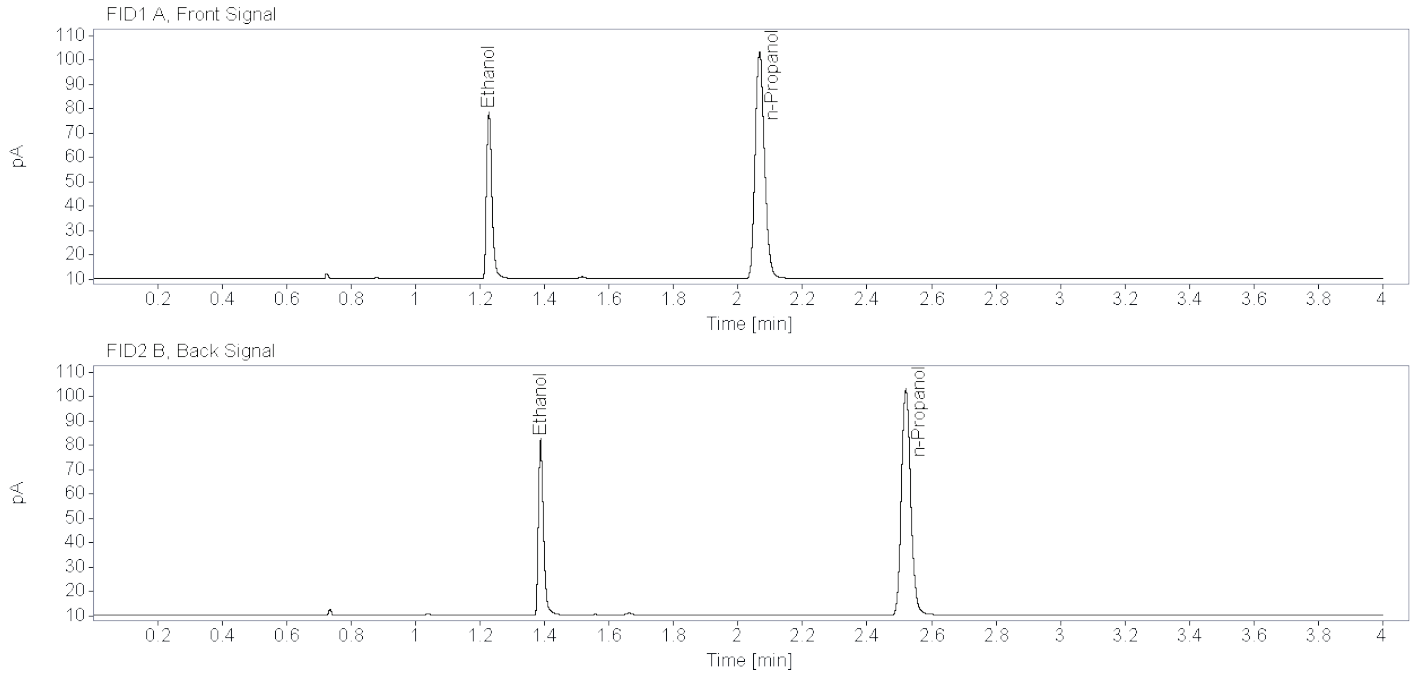
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72396	1.228	1.226	79.7781	0.0794
n-Propanol	0.81760	2.067	2.067	181.4118	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70276	1.388	1.386	79.8373	0.0797
n-Propanol	0.83986	2.520	2.520	180.8155	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0325) **Description:** **Sample Barcode** 25-0325 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:48:10 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\011F1101.D



Name FID1A

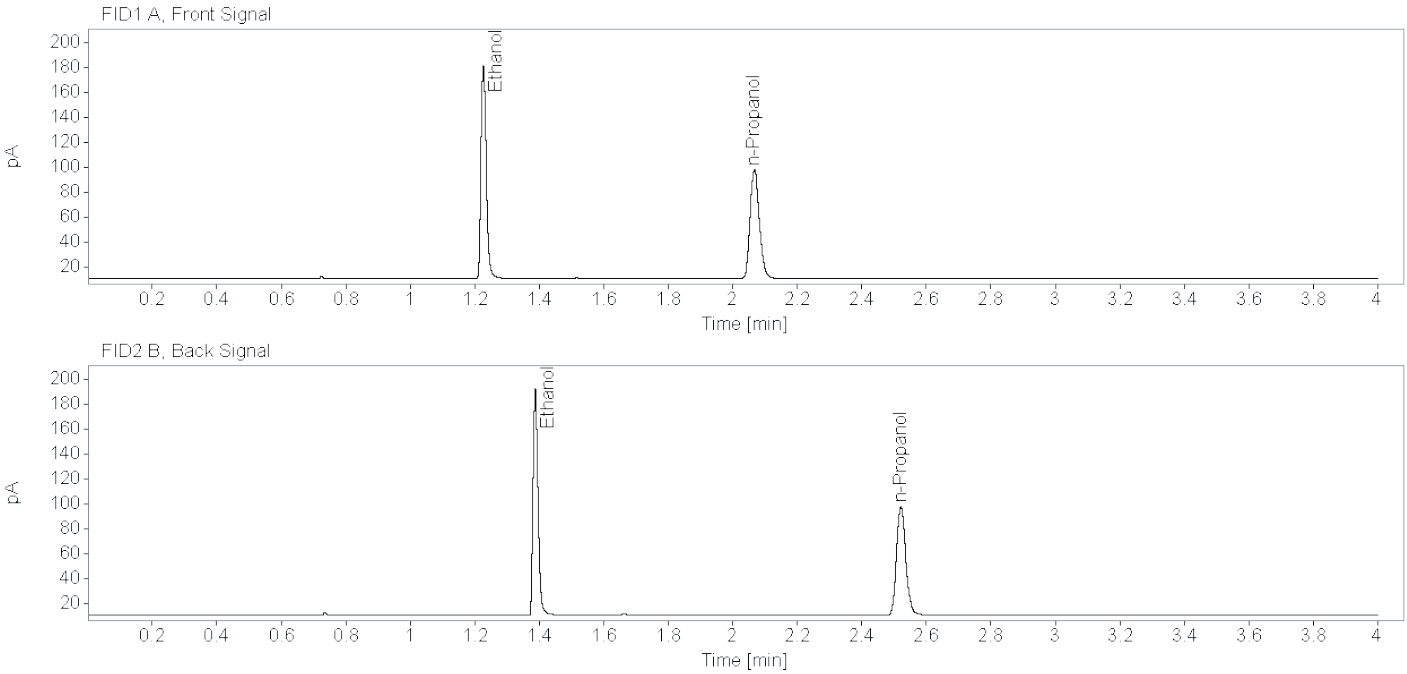
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71823	1.228	1.226	77.6355	0.0752
n-Propanol	0.82475	2.067	2.067	186.5405	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69192	1.388	1.386	77.6845	0.0755
n-Propanol	0.84841	2.520	2.520	185.8920	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0336) **Description:** **Sample Barcode** 25-0336 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:44:53 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\022F2201.D



Name FID1A

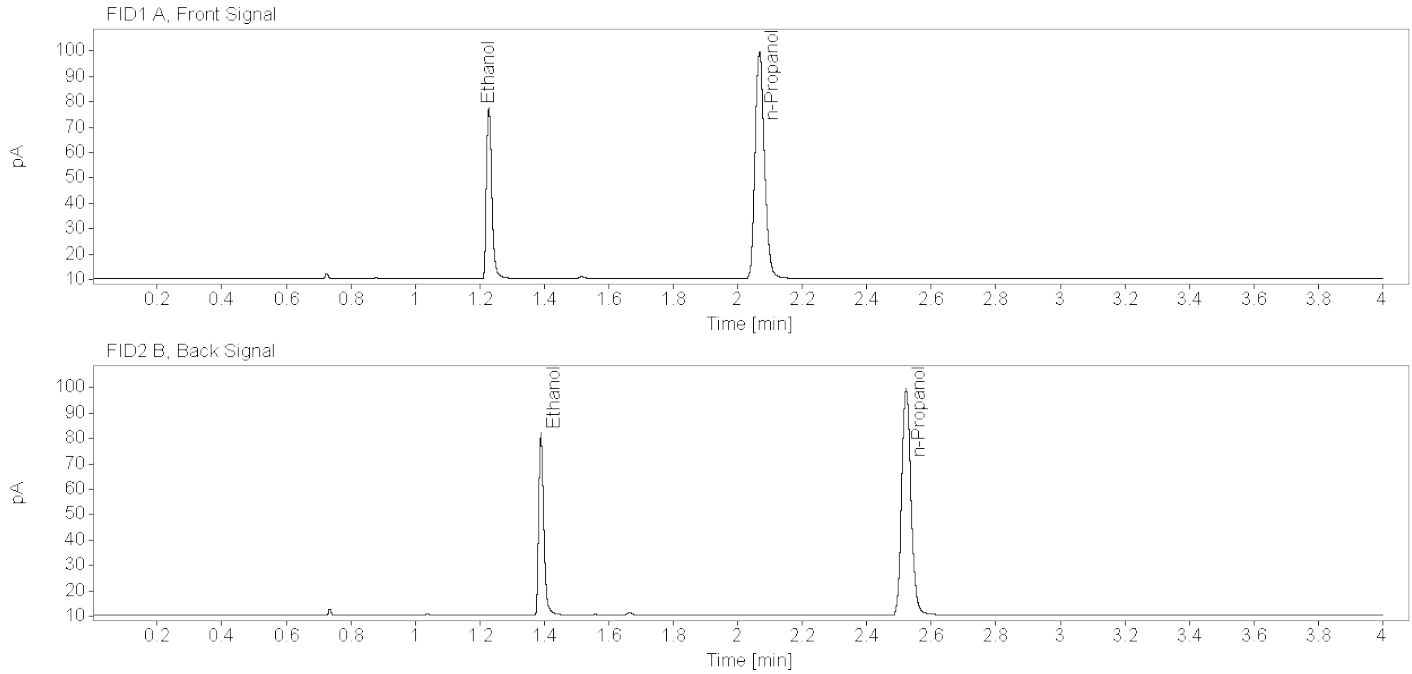
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74649	1.227	1.226	191.4860	0.1955
n-Propanol	0.81810	2.067	2.067	175.4690	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75627	1.388	1.386	191.3851	0.1959
n-Propanol	0.84377	2.521	2.520	174.9046	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0347) **Description:** **Sample Barcode** 25-0347 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:42:35 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\033F3301.D



Name FID1A

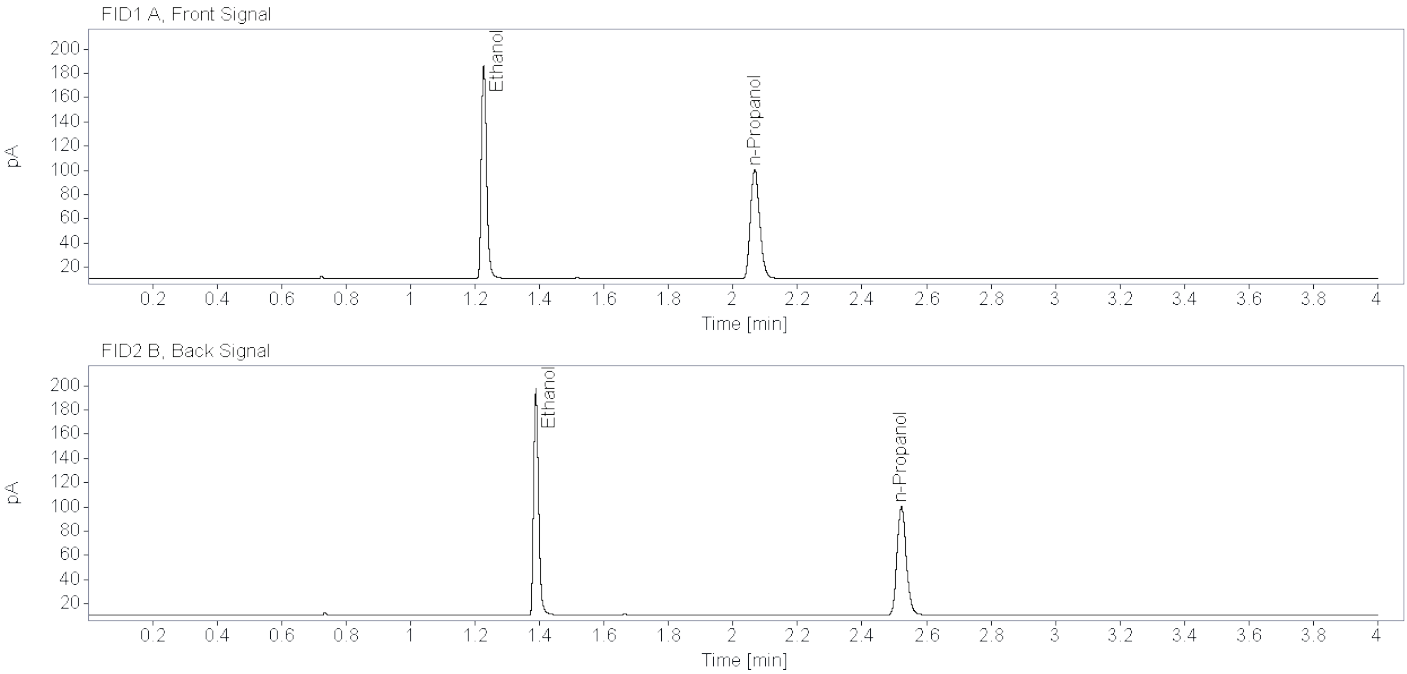
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71617	1.228	1.226	76.6286	0.0772
n-Propanol	0.81531	2.067	2.067	179.3622	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68500	1.390	1.386	76.4940	0.0773
n-Propanol	0.84889	2.522	2.520	178.6269	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0358) **Description:** **Sample Barcode** 25-0358 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:39:17 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\044F4401.D



Name FID1A

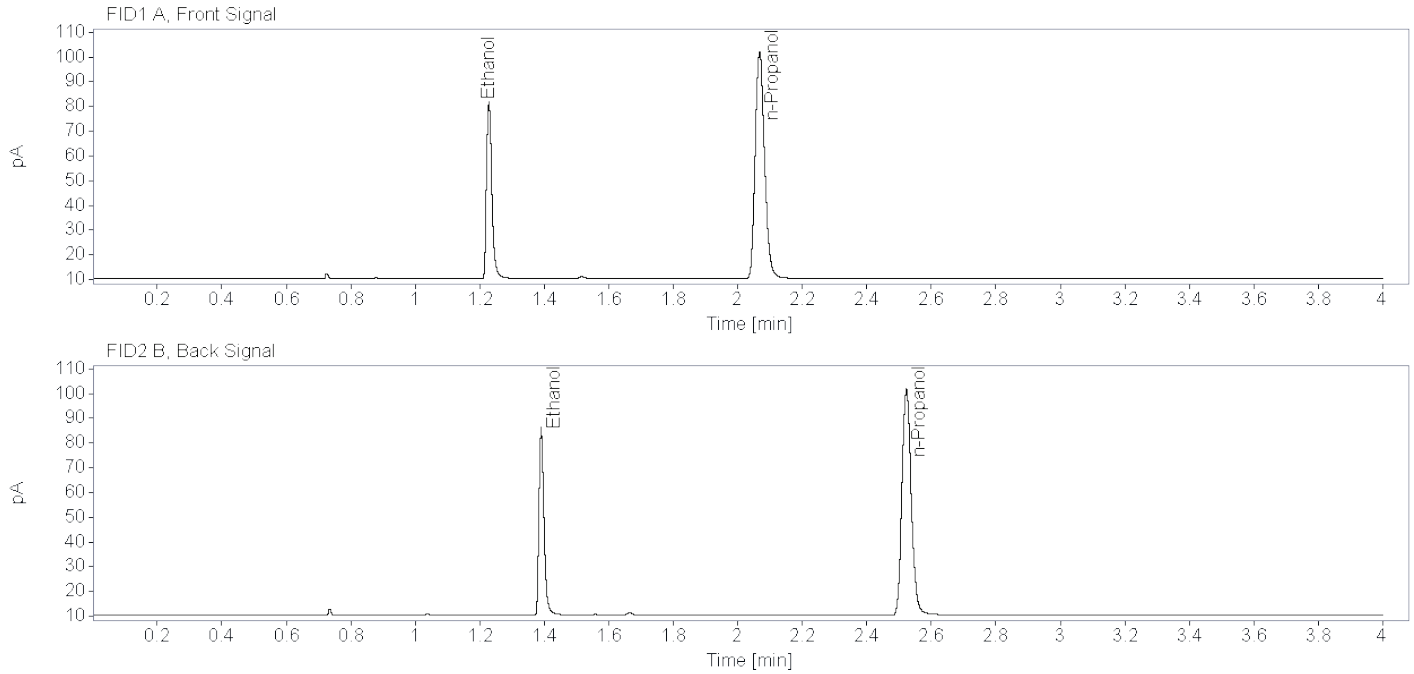
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74800	1.227	1.226	196.9212	0.1948
n-Propanol	0.81808	2.067	2.067	181.1079	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73861	1.389	1.386	196.3890	0.1950
n-Propanol	0.83357	2.522	2.520	180.2915	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0369) **Description:** **Sample Barcode** 25-0369 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:36:58 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\055F5501.D



Name FID1A

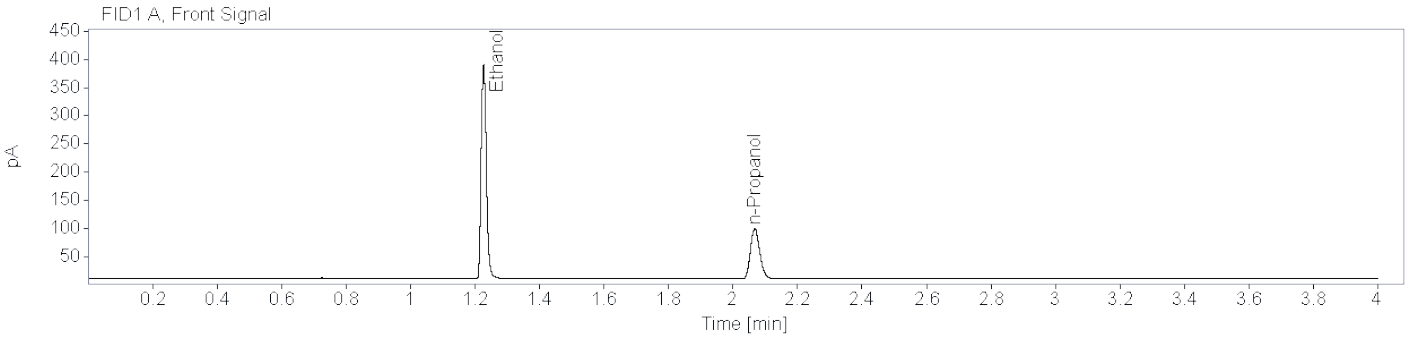
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72093	1.228	1.226	80.6784	0.0790
n-Propanol	0.81732	2.068	2.067	184.3536	0.0100

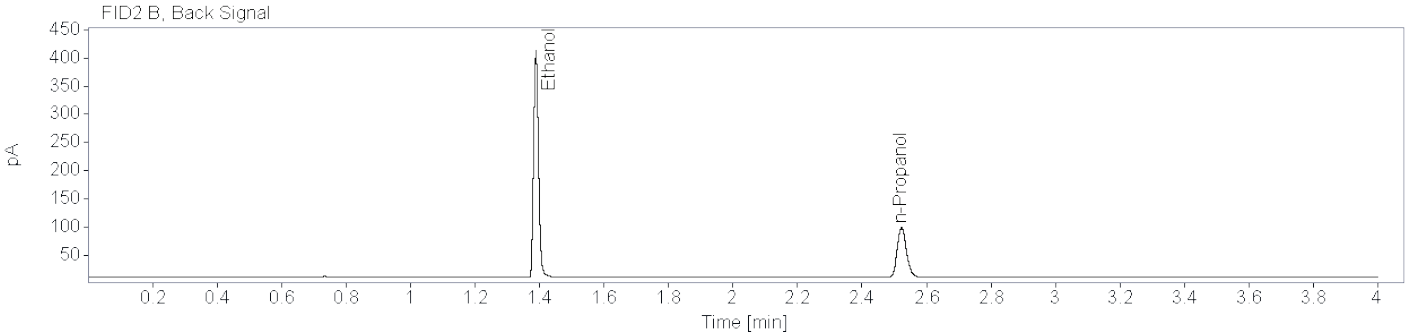
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68970	1.390	1.386	80.8105	0.0794
n-Propanol	0.82864	2.523	2.520	183.6116	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0370) **Description:** **Sample Barcode** 25-0370 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:41:41 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\056F5601.D





Name FID1A

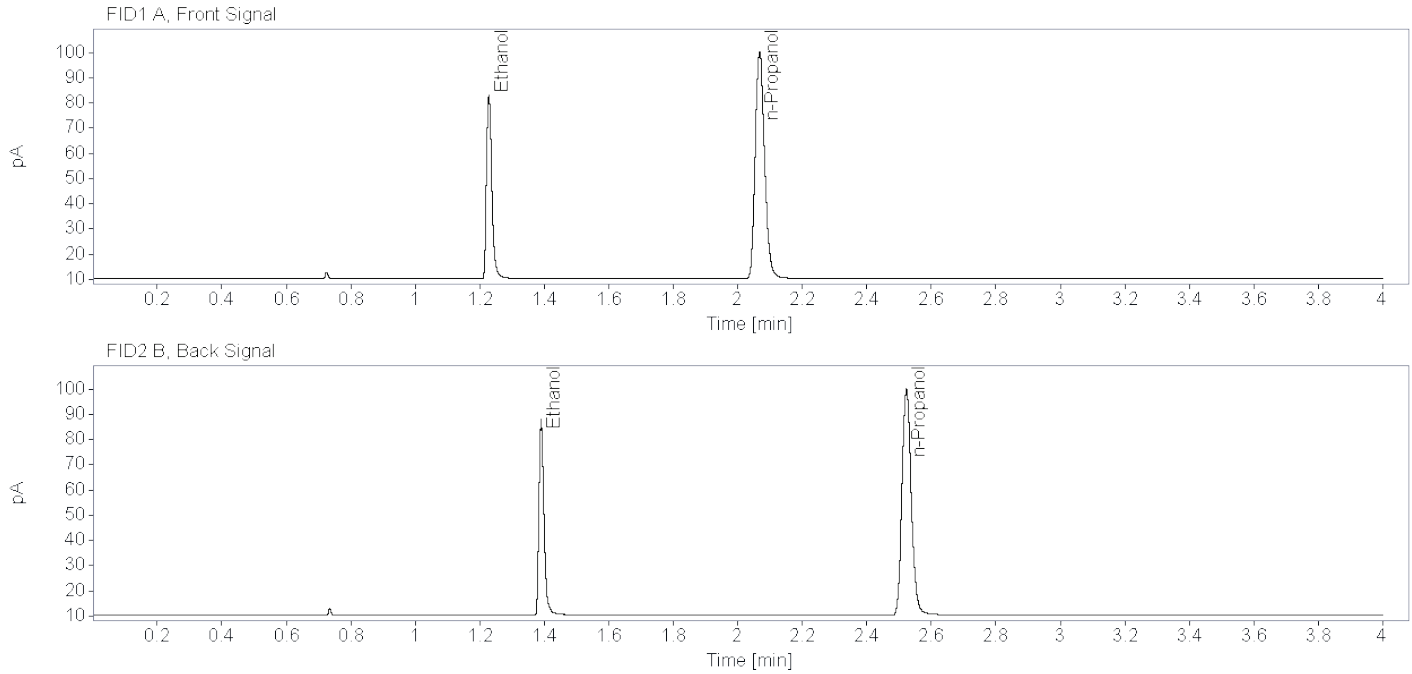
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79490	1.227	1.226	419.9011	0.4192
n-Propanol	0.81909	2.068	2.067	178.9455	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79936	1.389	1.386	419.2381	0.4204
n-Propanol	0.83173	2.523	2.520	178.0128	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0371) **Description:** **Sample Barcode** 25-0371 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:47:22 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\057F5701.D



Name FID1A

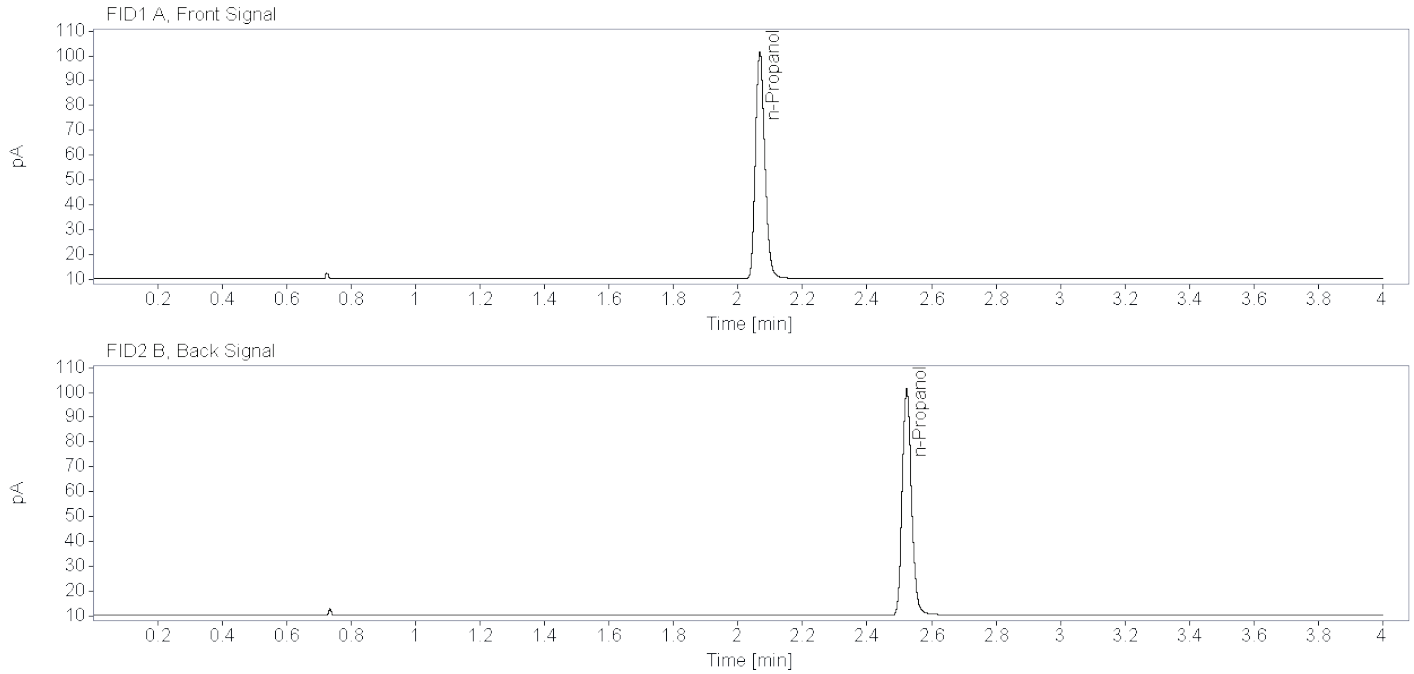
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72135	1.228	1.226	82.3728	0.0823
n-Propanol	0.81966	2.068	2.067	180.7402	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69125	1.390	1.386	82.4117	0.0826
n-Propanol	0.83222	2.523	2.520	179.9421	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-0372) **Description:** **Sample Barcode** 25-0372 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:52:06 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\058F5801.D



Name FID1A

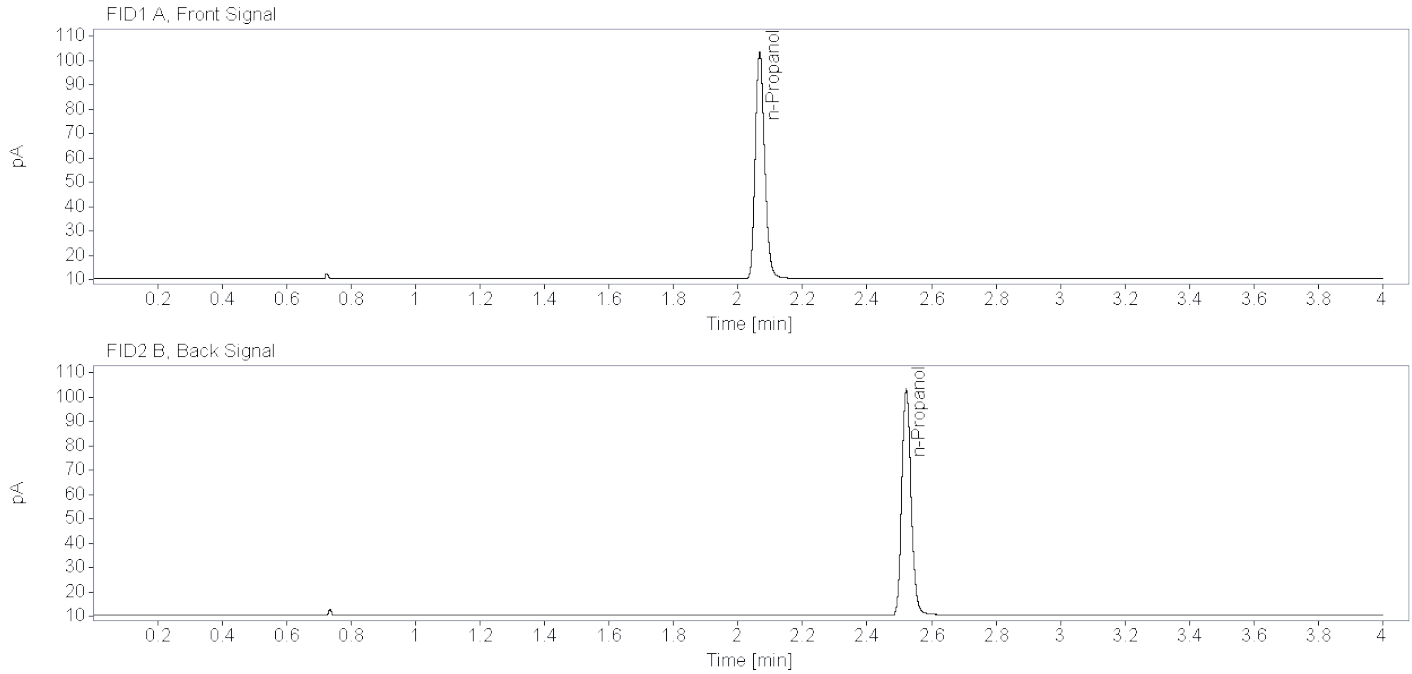
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82255	2.068	2.067	183.4431	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83322	2.523	2.520	182.4391	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: IS Chk A (25-0346) **Description:** Alq 1 **Sample Barcode** 25-0346 **Vial Number:** 32
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:36:53 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82431	2.067	2.067	187.0389	0.0100

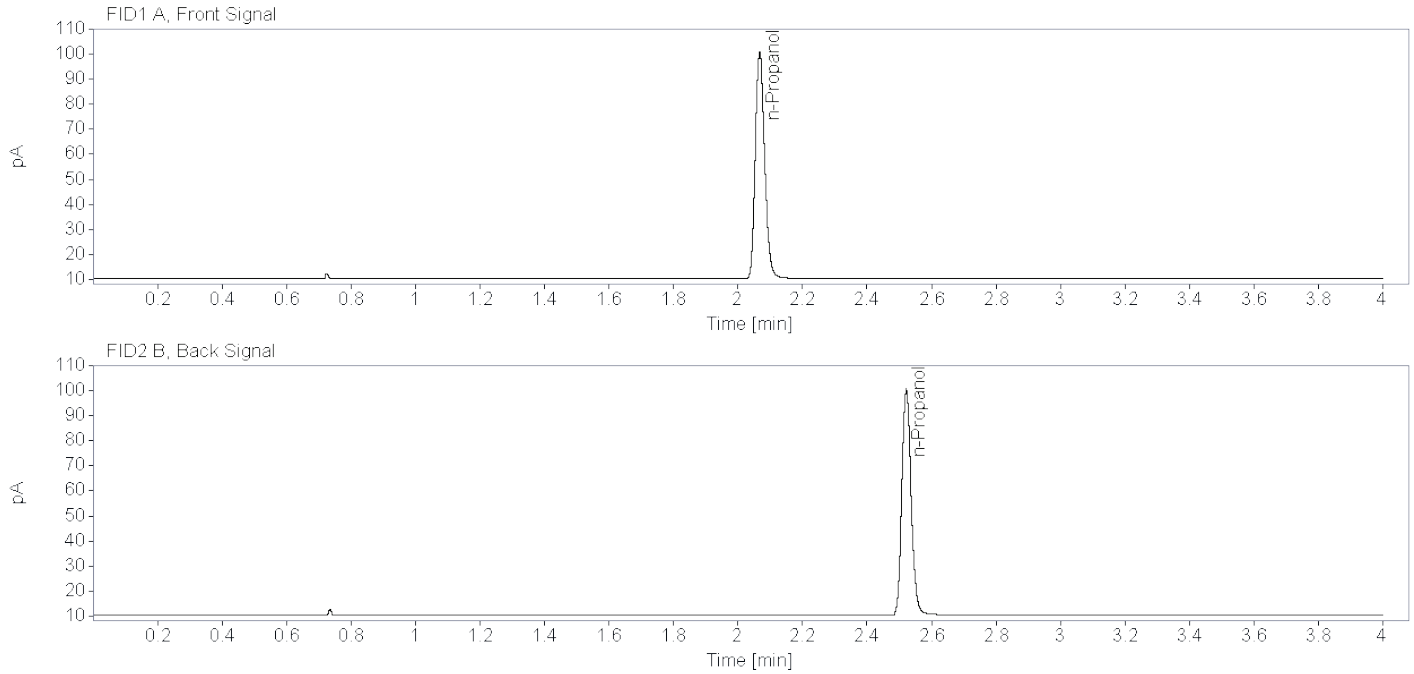
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84335	2.521	2.520	186.3773	0.0100

Internal standard response is within +/- 20% of the negative control. Deemed acceptable. -- 2/21/2025 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: IS Chk B (25-0348) **Description:** Alq 2 **Sample Barcode** 25-0348 **Vial Number:** 34
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:47:17 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82169	2.067	2.067	181.5297	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83164	2.522	2.520	180.7196	0.0100

Internal standard response is within +/- 20% of the negative control. Deemed acceptable. -- 2/21/2025 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1265 001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1954	Aliquot 1:	0.1946
	Aliquot 2:	0.2102	Aliquot 2:	0.2090

Reported Result: **0.202** **g/100 mL**

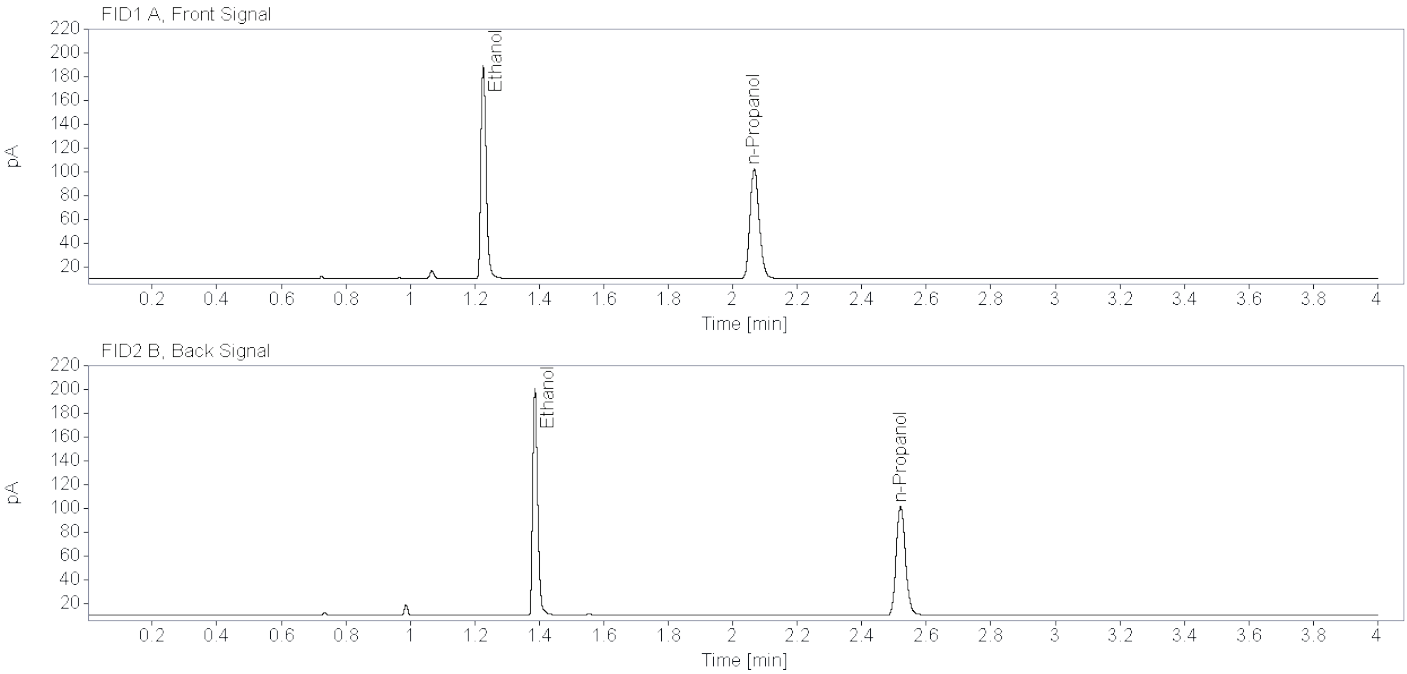
Reported UM: **0.033** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1265 001 (25-0326) **Description:** Alq 1 **Sample Barcode** 25-0326 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:52:53 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\012F1201.D



Name FID1A

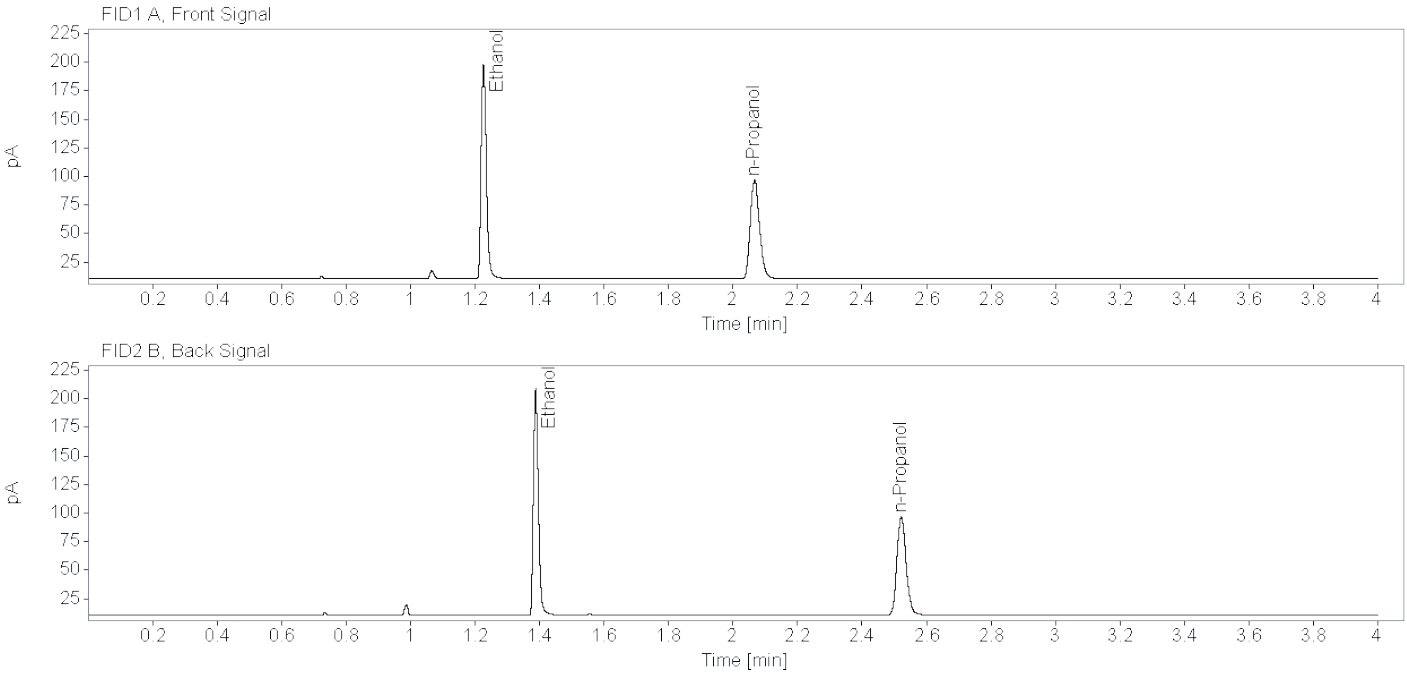
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75747	1.226	1.226	201.2855	0.1954
n-Propanol	0.81967	2.067	2.067	184.5610	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73751	1.387	1.386	200.2928	0.1946
n-Propanol	0.83920	2.520	2.520	184.2353	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1265 001 (25-0368) **Description:** Alq 2 **Sample Barcode** 25-0368 **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:31:18 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75397	1.226	1.226	202.9289	0.2102
n-Propanol	0.81544	2.067	2.067	172.9824	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75122	1.388	1.386	201.2019	0.2090
n-Propanol	0.83005	2.522	2.520	172.3002	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0191 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1952	Aliquot 1:	0.1954
	Aliquot 2:	0.2081	Aliquot 2:	0.2091

Reported Result: **0.201** **g/100 mL**

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

Comments:

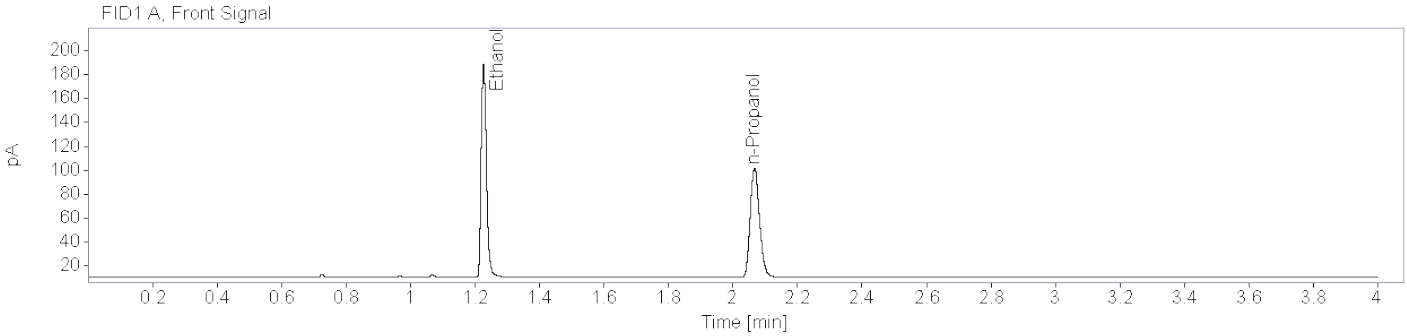
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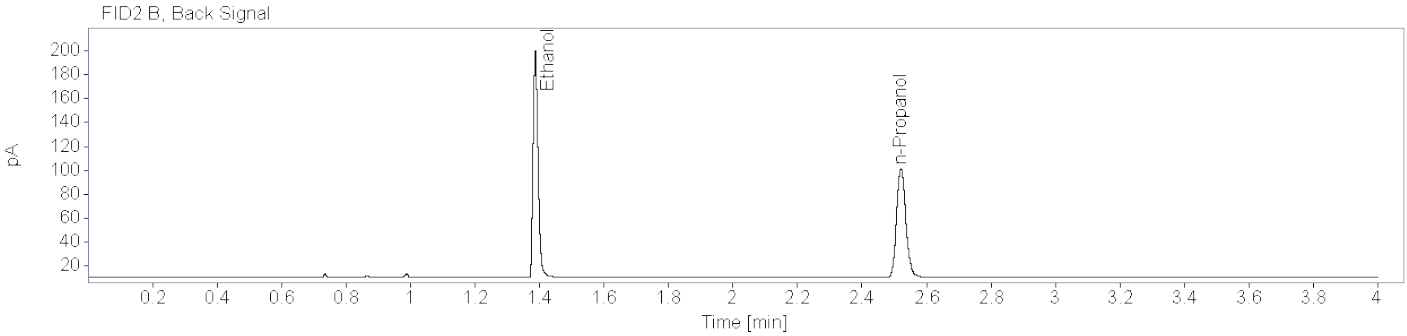
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0191 001_001 (25-0327) **Description:** Alq 1 **Sample Barcode** 25-0327 **Vial Number:** 13

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 1:58:35 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\013F1301.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75782	1.227	1.226	199.9139	0.1952
n-Propanol	0.82613	2.067	2.067	183.4400	0.0100

Name FID2B

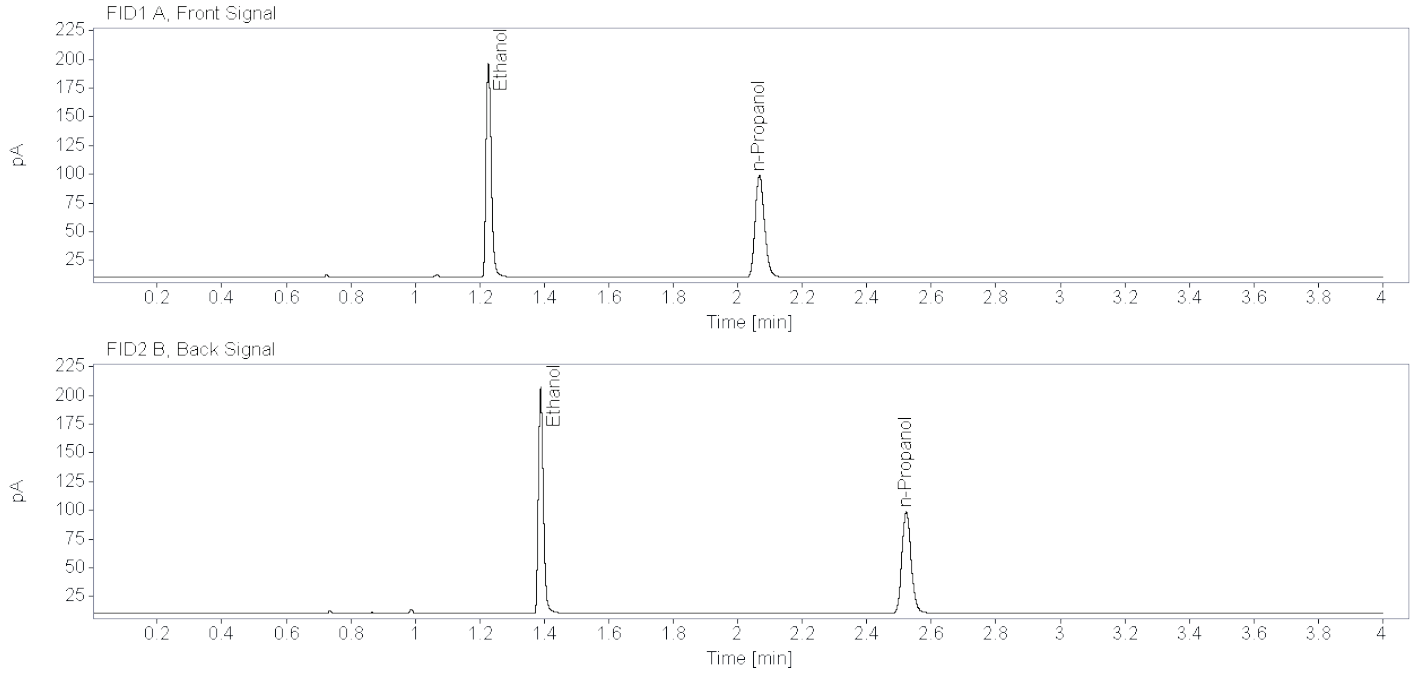
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75910	1.387	1.386	199.6790	0.1954
n-Propanol	0.84805	2.521	2.520	182.9660	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0191 001_001 (25-0367) **Description:** Alq 2 **Sample Barcode** 25-0367 **Vial Number:** 53

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:26:35 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75100	1.227	1.226	206.9018	0.2081
n-Propanol	0.81735	2.068	2.067	178.0532	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75087	1.389	1.386	207.0254	0.2091
n-Propanol	0.83128	2.522	2.520	177.1590	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0201 001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1091	Aliquot 1:	0.1092
	Aliquot 2:	0.1127	Aliquot 2:	0.1133

Reported Result: **0.111** **g/100 mL**

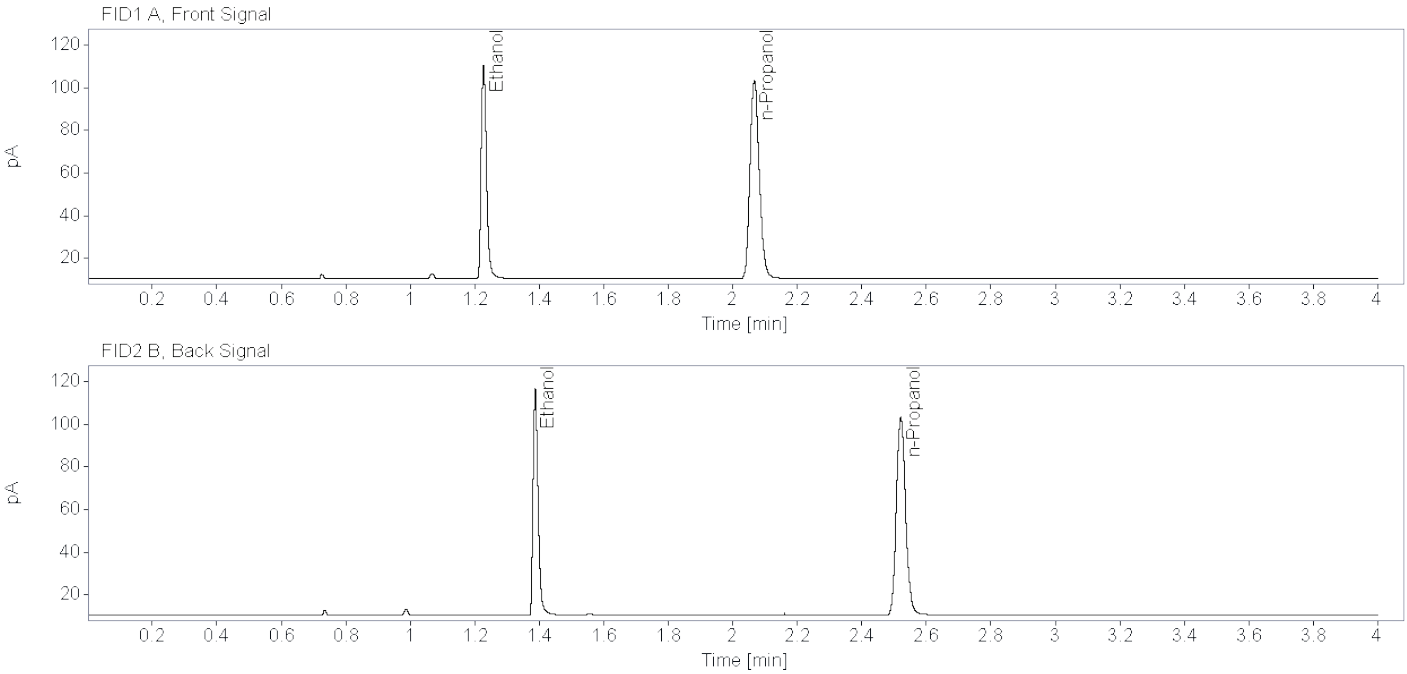
Reported UM: **0.018** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0201 001 (25-0328) **Description:** Alq 1 **Sample Barcode** 25-0328 **Vial Number:** 14
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:03:18 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\014F1401.D



Name FID1A

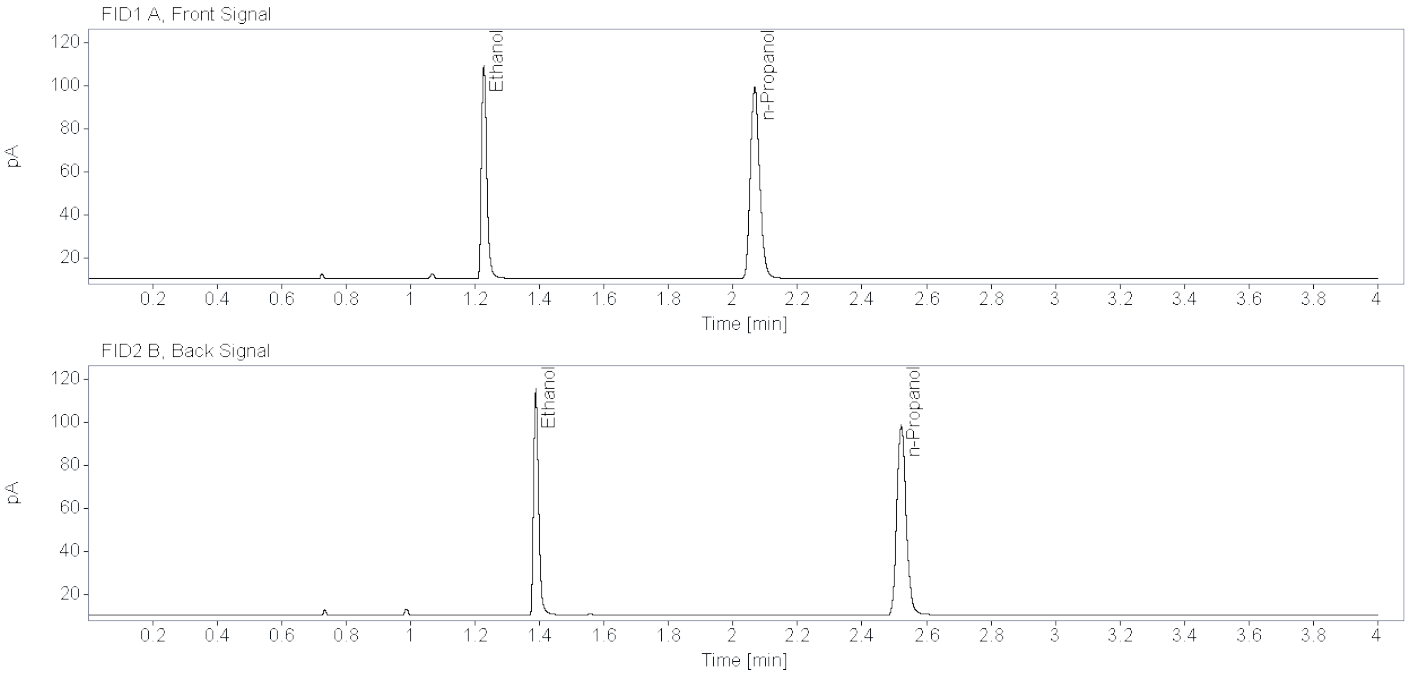
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73086	1.227	1.226	113.4294	0.1091
n-Propanol	0.81844	2.067	2.067	187.1555	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72100	1.388	1.386	113.2806	0.1092
n-Propanol	0.85109	2.521	2.520	186.5429	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0201 001 (25-0366) **Description:** Alq 2 **Sample Barcode** 25-0366 **Vial Number:** 52
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:20:53 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72691	1.227	1.226	111.7203	0.1127
n-Propanol	0.82101	2.067	2.067	178.2618	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71241	1.389	1.386	111.9415	0.1133
n-Propanol	0.83913	2.522	2.520	177.5288	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0201 002

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3037	Aliquot 1:	0.3037
	Aliquot 2:	0.3113	Aliquot 2:	0.3117

Reported Result: **0.307** **g/100 mL**

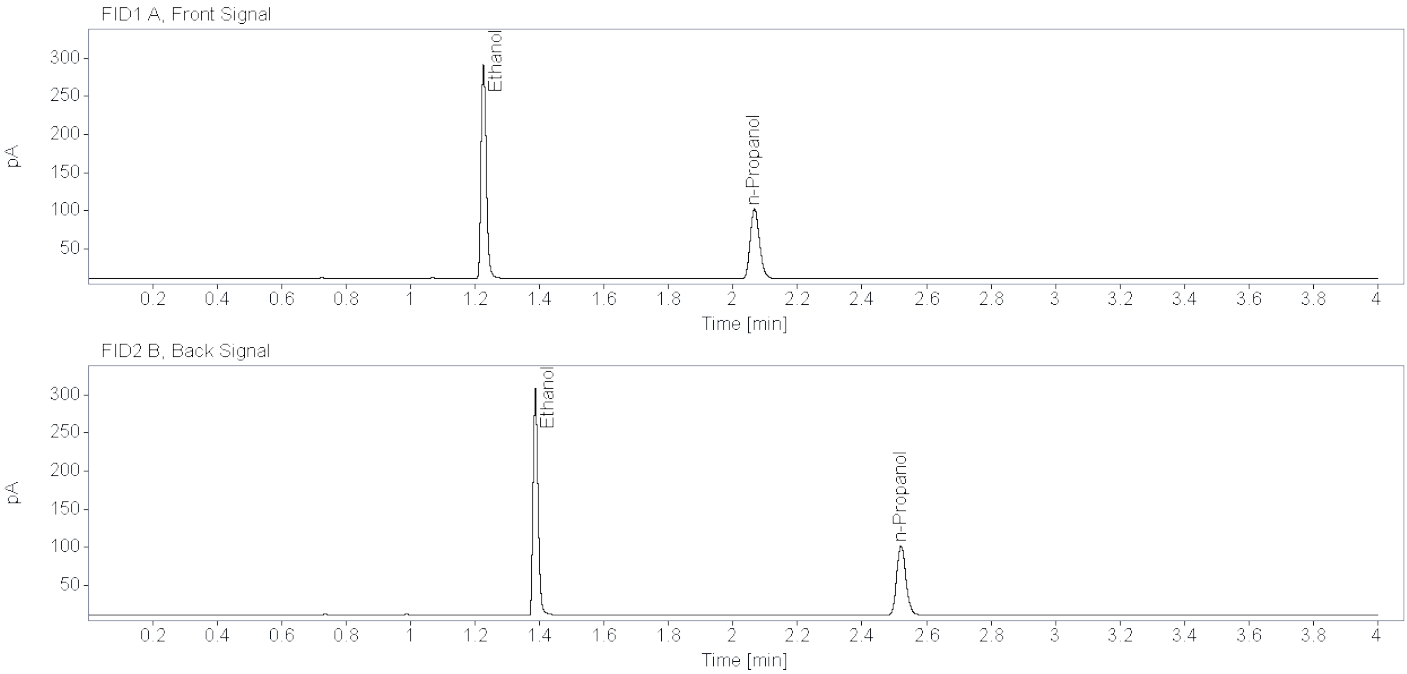
Reported UM: **0.050** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0201 002 (25-0329) **Description:** Alq 1 **Sample Barcode** 25-0329 **Vial Number:** 15
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:08:58 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\015F1501.D



Name FID1A

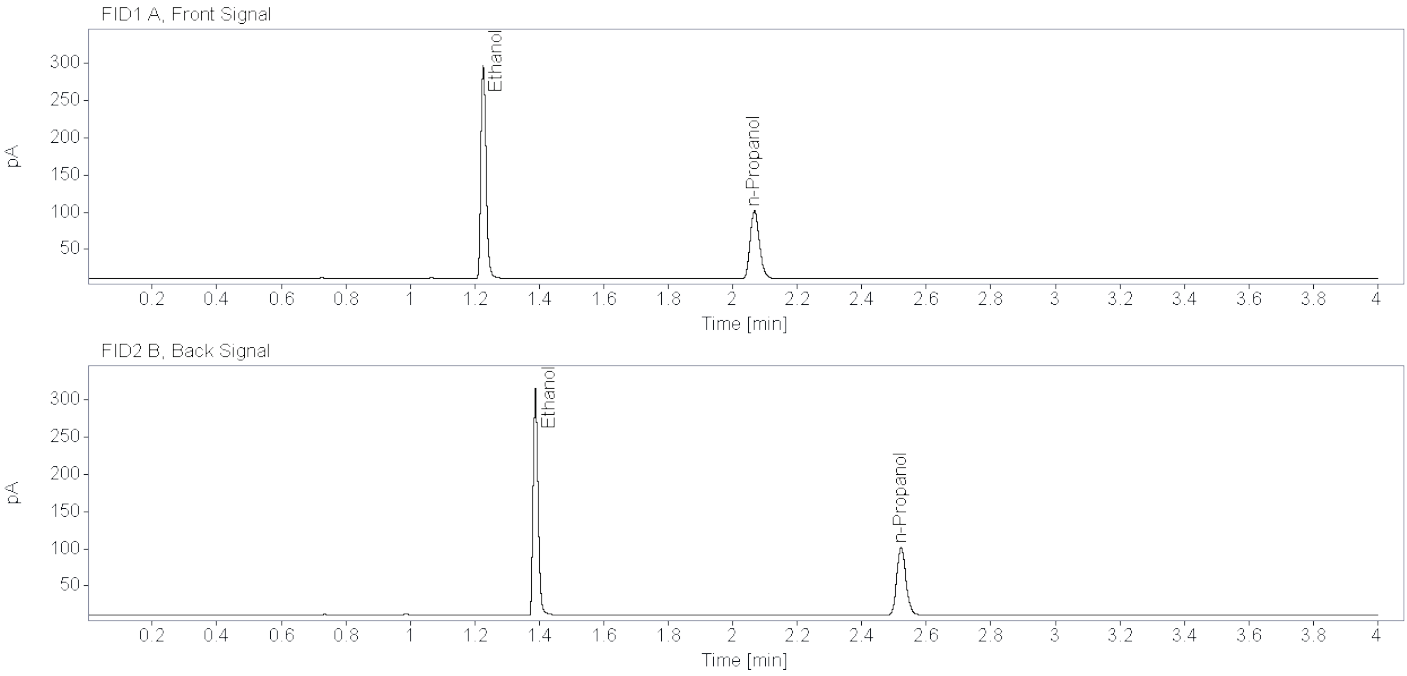
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77351	1.226	1.226	313.2558	0.3037
n-Propanol	0.82191	2.067	2.067	184.4396	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79524	1.387	1.386	312.4317	0.3037
n-Propanol	0.85194	2.521	2.520	183.7924	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0201 002 (25-0365) **Description:** Alq 2 **Sample Barcode** 25-0365 **Vial Number:** 51
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:16:11 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78022	1.226	1.226	319.8368	0.3113
n-Propanol	0.81836	2.067	2.067	183.6662	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77981	1.388	1.386	318.8557	0.3117
n-Propanol	0.85059	2.522	2.520	182.7489	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0201 003

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0829	Aliquot 1:	0.0828
	Aliquot 2:	0.0856	Aliquot 2:	0.0856

Reported Result: **0.084** **g/100 mL**

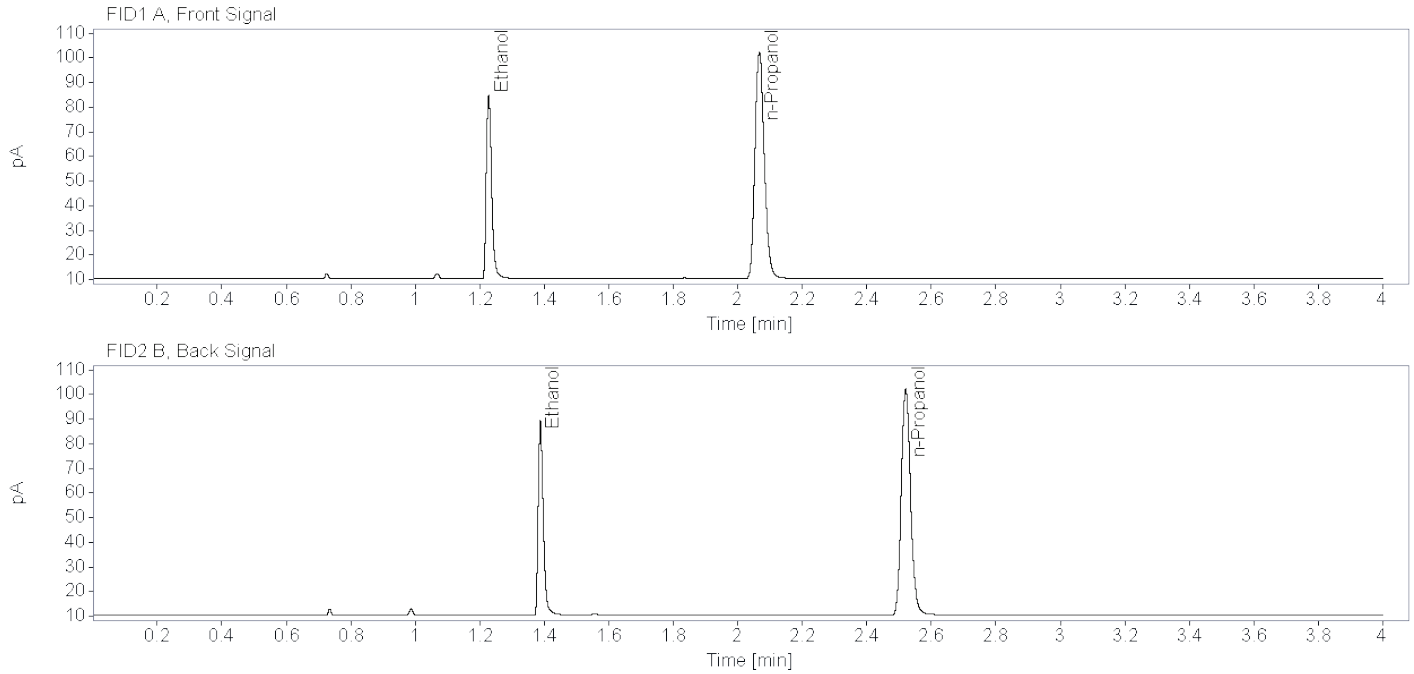
Reported UM: **0.014** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0201 003 (25-0330) **Description:** Alq 1 **Sample Barcode** 25-0330 **Vial Number:** 16
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:13:41 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\016F1601.D



Name FID1A

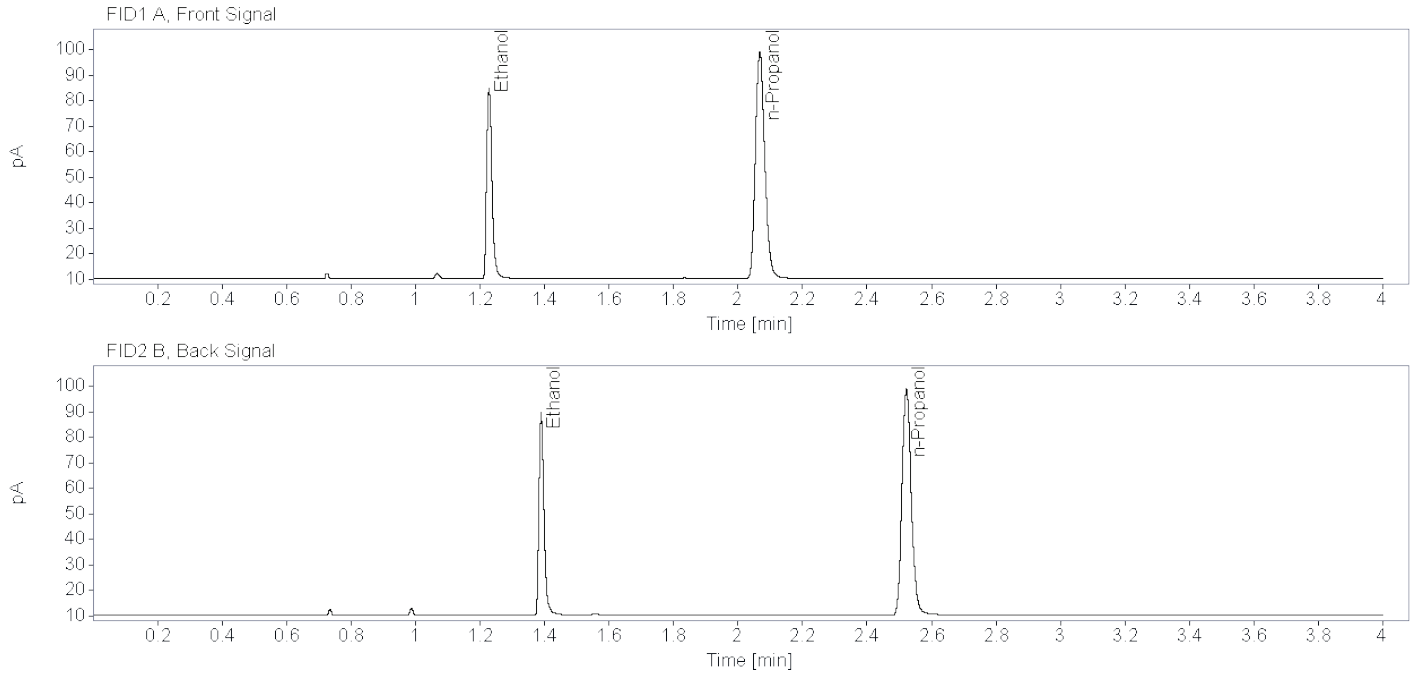
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72492	1.228	1.226	84.8587	0.0829
n-Propanol	0.81915	2.067	2.067	184.7708	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71144	1.388	1.386	84.5500	0.0828
n-Propanol	0.84334	2.521	2.520	184.1598	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0201 003 (25-0364) **Description:** Alq 2 **Sample Barcode** 25-0364 **Vial Number:** 50
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:10:30 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71994	1.228	1.226	84.7343	0.0856
n-Propanol	0.82197	2.068	2.067	178.6637	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69158	1.390	1.386	84.3840	0.0856
n-Propanol	0.82882	2.522	2.520	177.7897	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0201 004

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1659	Aliquot 1:	0.1662
	Aliquot 2:	0.1673	Aliquot 2:	0.1674

Reported Result: **0.166** **g/100 mL**

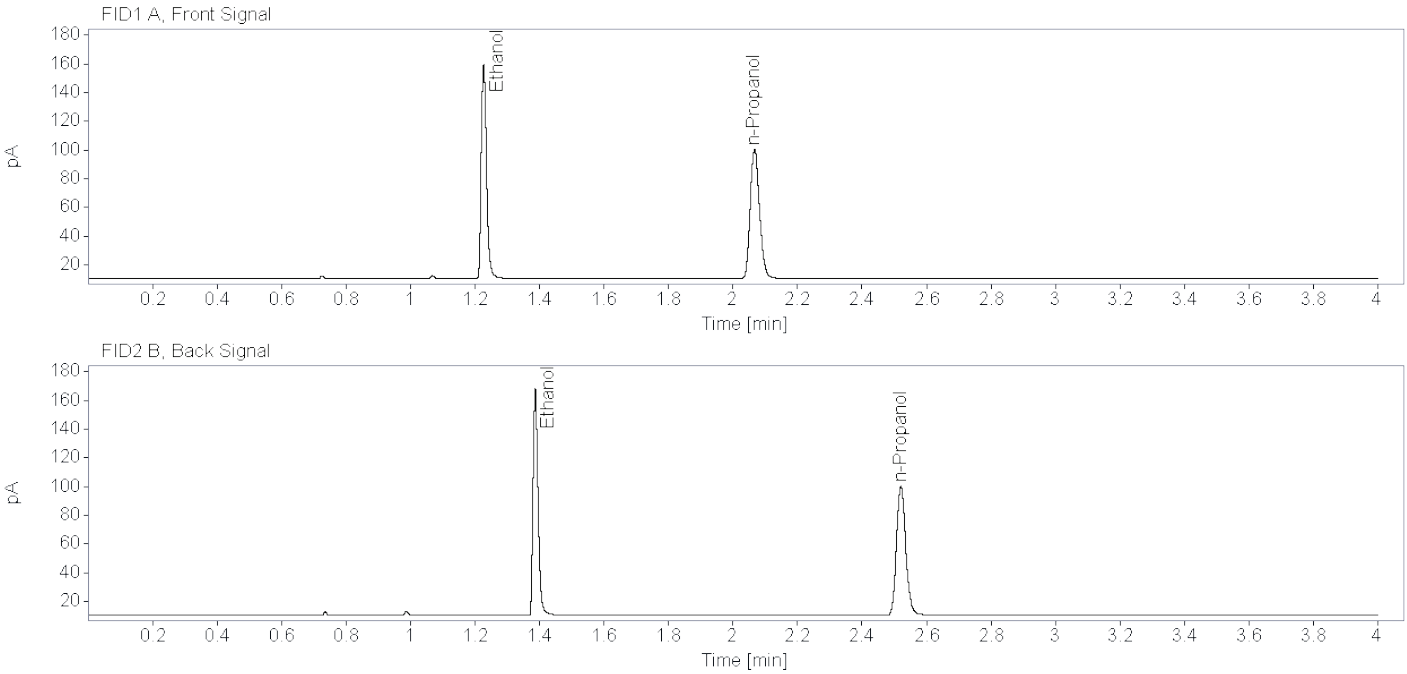
Reported UM: **0.027** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0201 004 (25-0331) **Description:** Alq 1 **Sample Barcode** 25-0331 **Vial Number:** 17
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:19:22 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\017F1701.D



Name FID1A

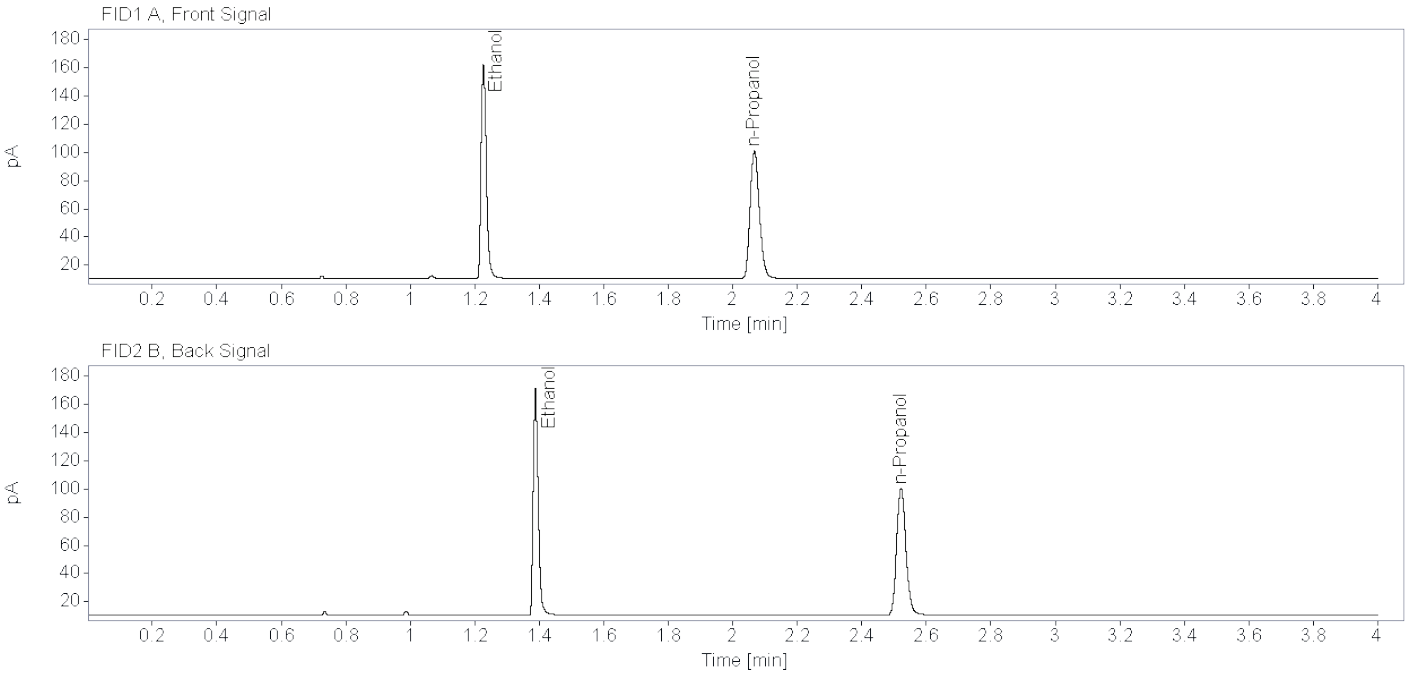
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75073	1.227	1.226	167.6202	0.1659
n-Propanol	0.82388	2.067	2.067	181.2076	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74398	1.387	1.386	167.3647	0.1662
n-Propanol	0.84590	2.520	2.520	180.4958	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0201 004 (25-0363) **Description:** Alq 2 **Sample Barcode** 25-0363 **Vial Number:** 49
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:05:46 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74144	1.227	1.226	170.1450	0.1673
n-Propanol	0.81157	2.067	2.067	182.4050	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73637	1.388	1.386	169.5997	0.1674
n-Propanol	0.84145	2.522	2.520	181.5347	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0202 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2705	Aliquot 1:	0.2703
	Aliquot 2:	0.2790	Aliquot 2:	0.2797

Reported Result: 0.274 g/100 mL

Reported UM: 0.044 g/100 mL

Comments:

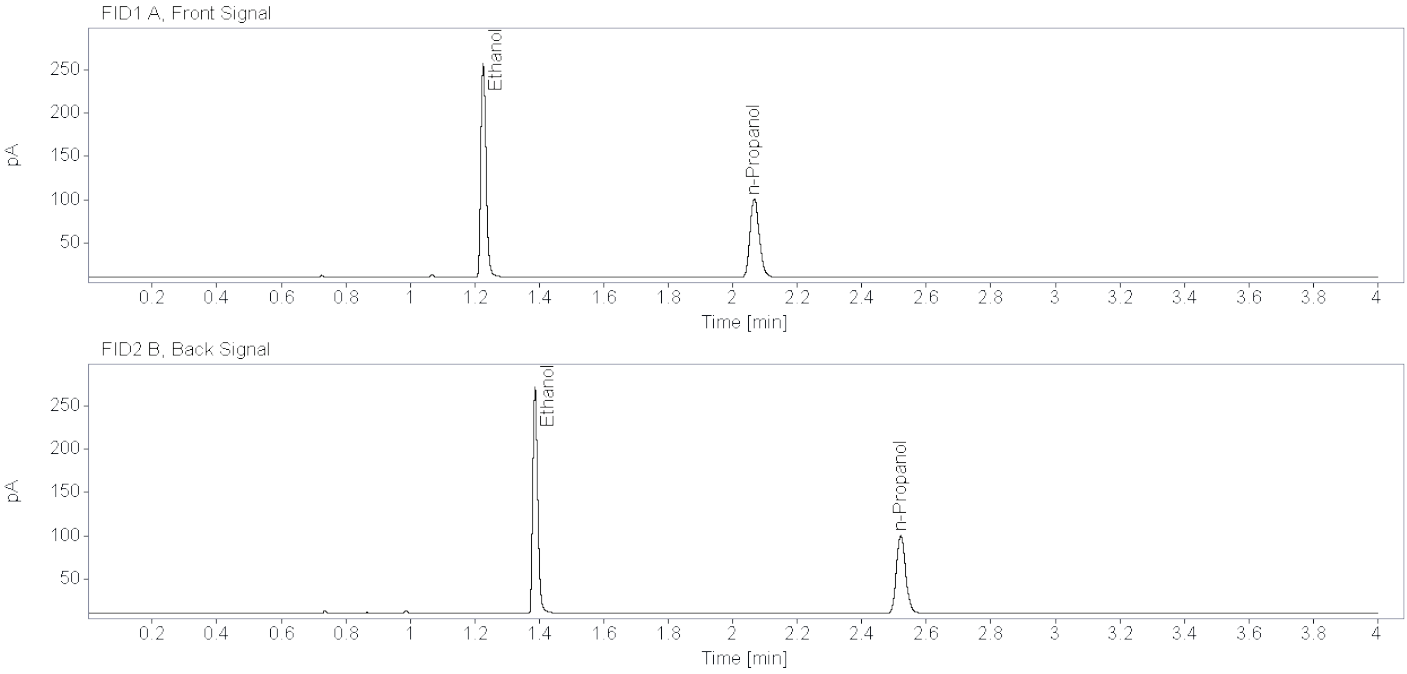
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0202 001_001 (25-0332) **Description:** Alq 1 **Sample Barcode** 25-0332 **Vial Number:** 18

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:24:05 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77184	1.226	1.226	274.8629	0.2705
n-Propanol	0.81681	2.067	2.067	181.7478	0.0100

Name FID2B

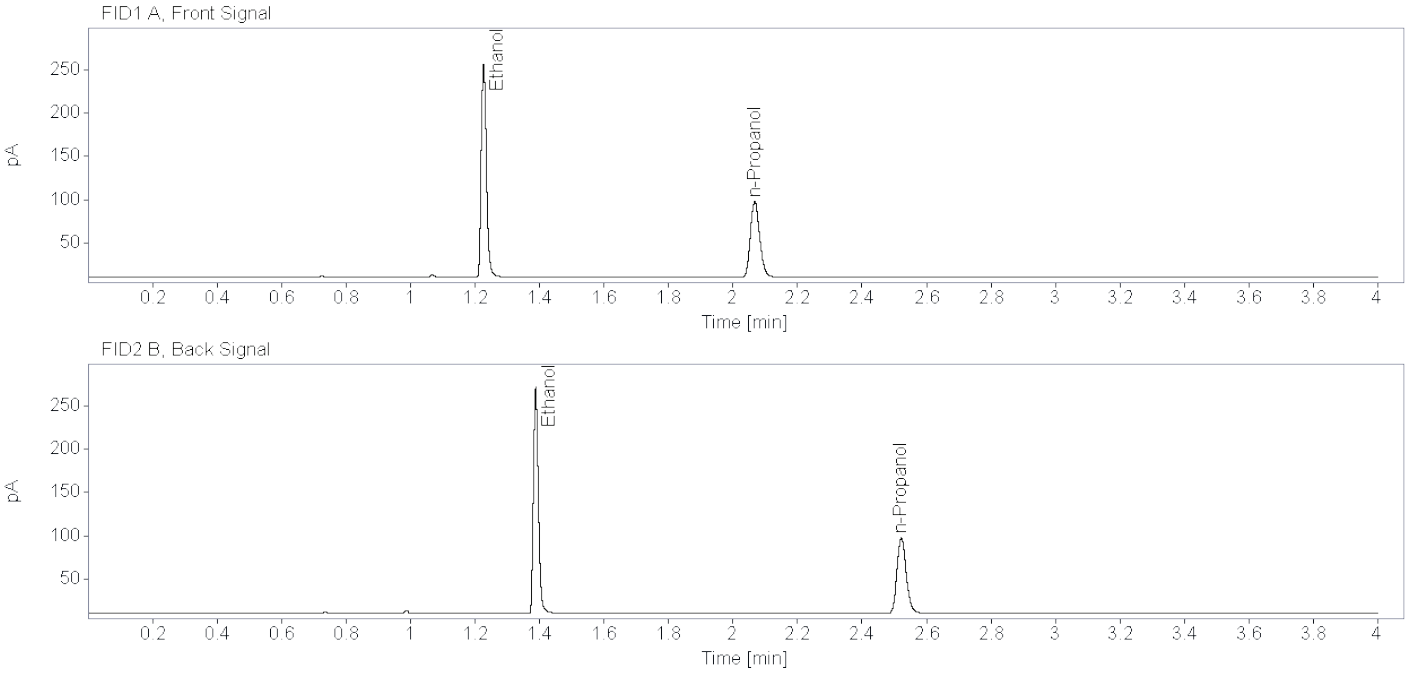
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76490	1.387	1.386	273.8229	0.2703
n-Propanol	0.84277	2.521	2.520	181.1184	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0202 001_001 (25-0362) **Description:** Alq 2 **Sample Barcode** 25-0362 **Vial Number:** 48

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 5:00:05 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77356	1.227	1.226	273.8432	0.2790
n-Propanol	0.81934	2.067	2.067	175.5812	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76939	1.388	1.386	273.8689	0.2797
n-Propanol	0.83174	2.522	2.520	175.0058	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0203 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2771	Aliquot 1:	0.2770
	Aliquot 2:	0.2856	Aliquot 2:	0.2866

Reported Result: **0.281** **g/100 mL**

Reported UM: **0.045** **g/100 mL**

Comments:

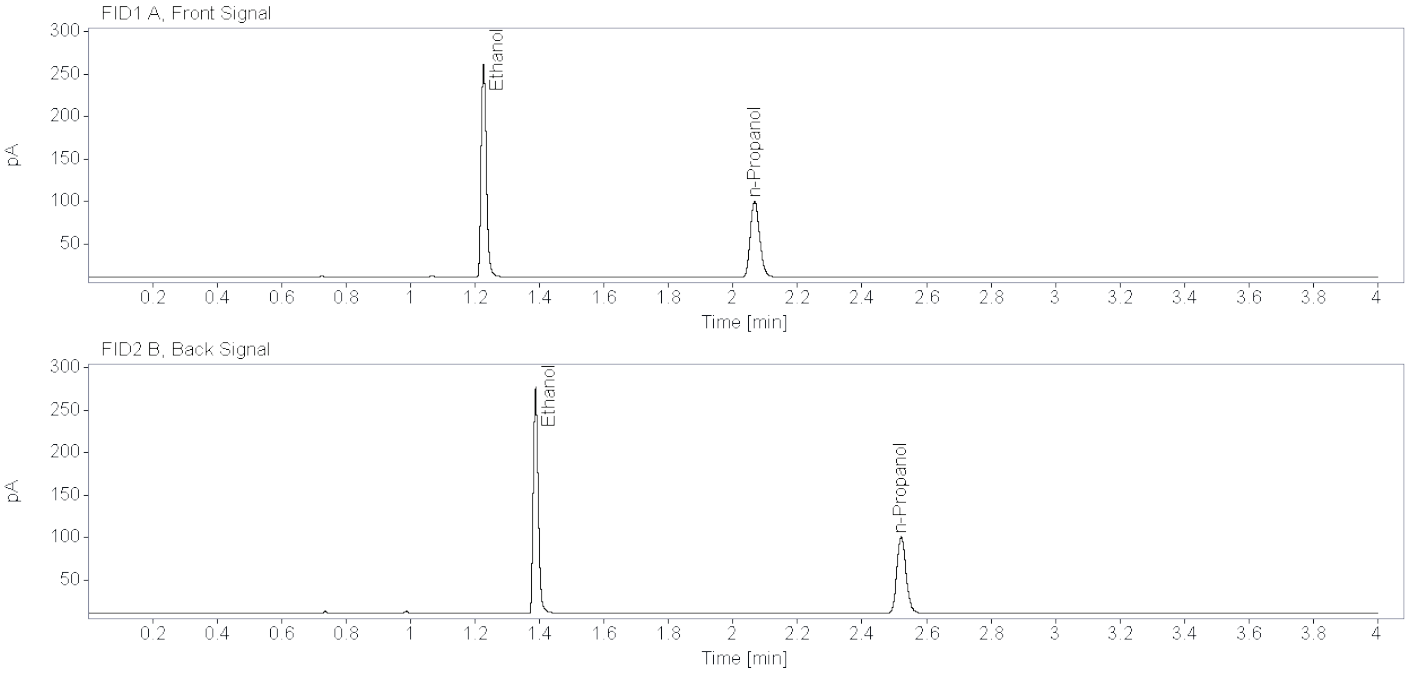
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0203 001_001 (25-0333) **Description:** Alq 1 **Sample Barcode** 25-0333 **Vial Number:** 19

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:29:46 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77248	1.226	1.226	280.0344	0.2771
n-Propanol	0.82419	2.067	2.067	180.7554	0.0100

Name FID2B

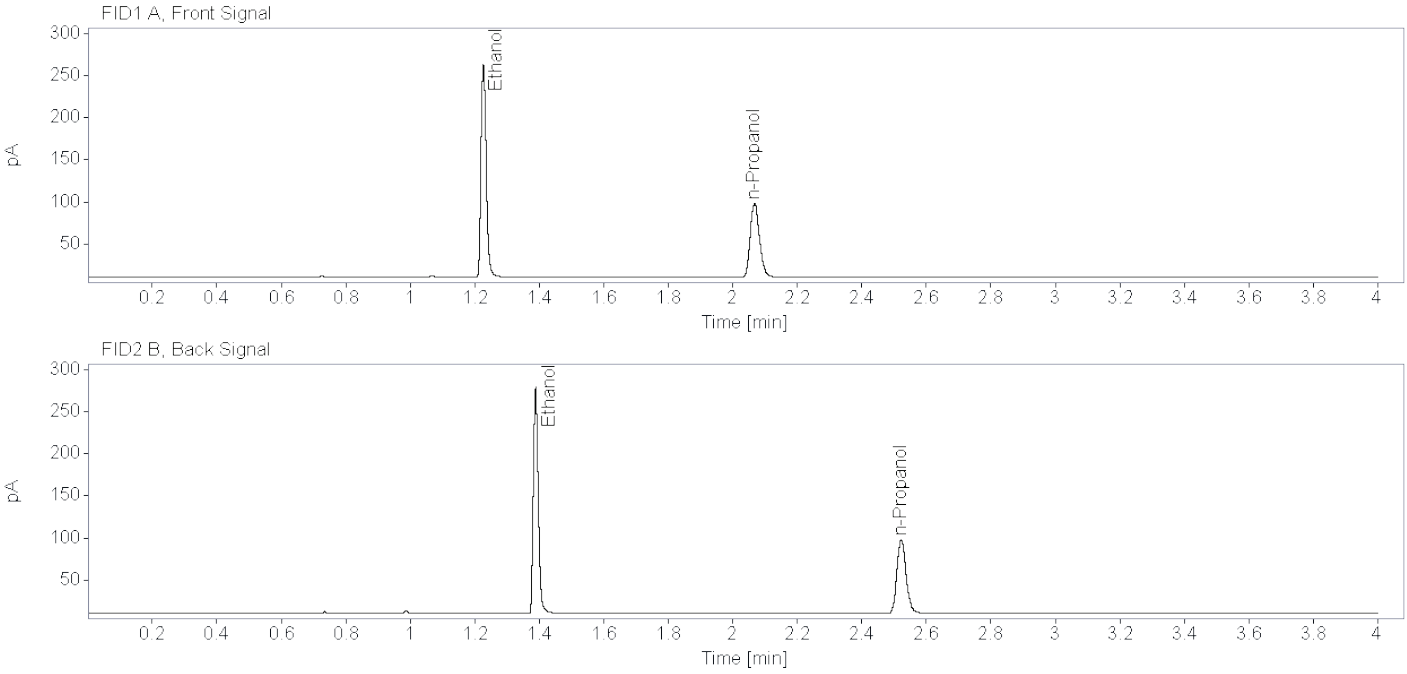
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77311	1.388	1.386	279.3088	0.2770
n-Propanol	0.83659	2.521	2.520	180.2130	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0203 001_001 (25-0361) **Description:** Alq 2 **Sample Barcode** 25-0361 **Vial Number:** 47

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:55:22 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76576	1.227	1.226	281.2099	0.2856
n-Propanol	0.81570	2.068	2.067	176.0751	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77112	1.389	1.386	281.1964	0.2866
n-Propanol	0.83161	2.522	2.520	175.3217	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0208 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2180	Aliquot 1:	0.2185
	Aliquot 2:	0.2252	Aliquot 2:	0.2255

Reported Result: **0.221** **g/100 mL**

Reported UM: **0.036** **g/100 mL**

Comments:

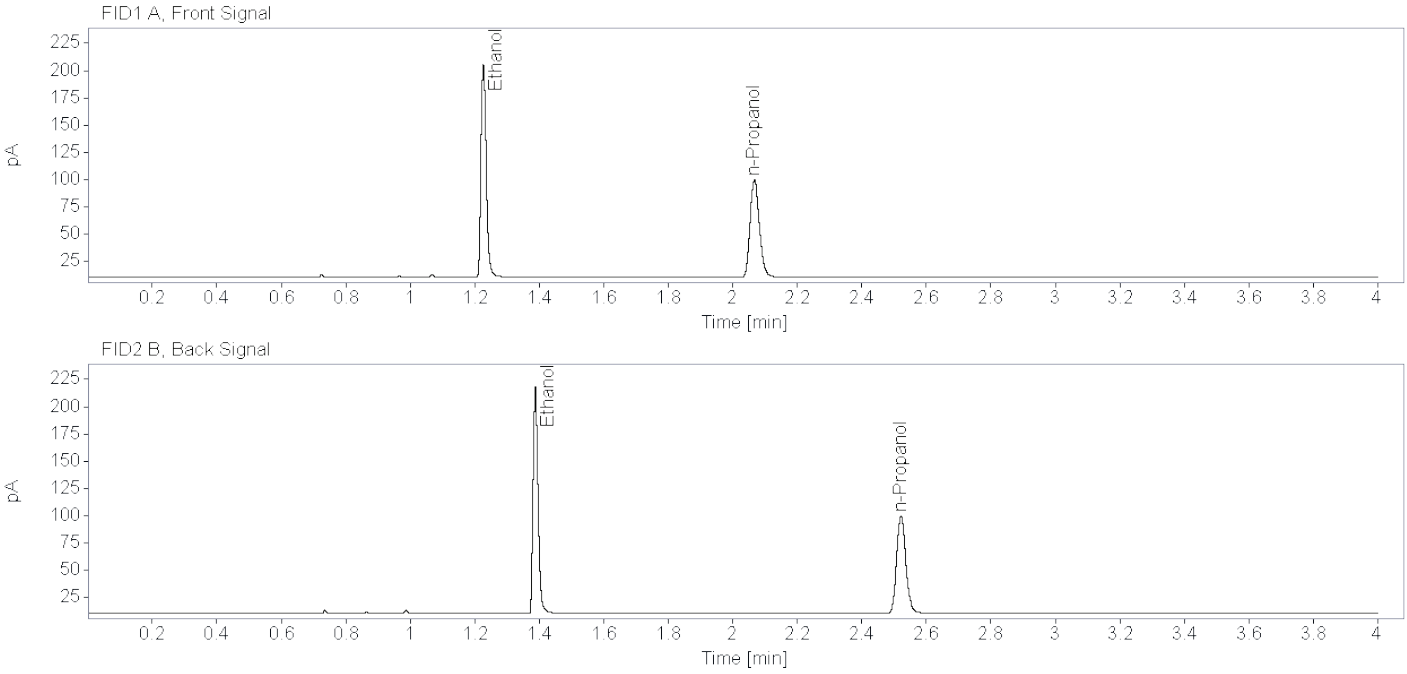
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0208 001_001 (25-0334) **Description:** Alq 1 **Sample Barcode** 25-0334 **Vial Number:** 20

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:34:29 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75450	1.227	1.226	218.5541	0.2180
n-Propanol	0.81886	2.067	2.067	179.4762	0.0100

Name FID2B

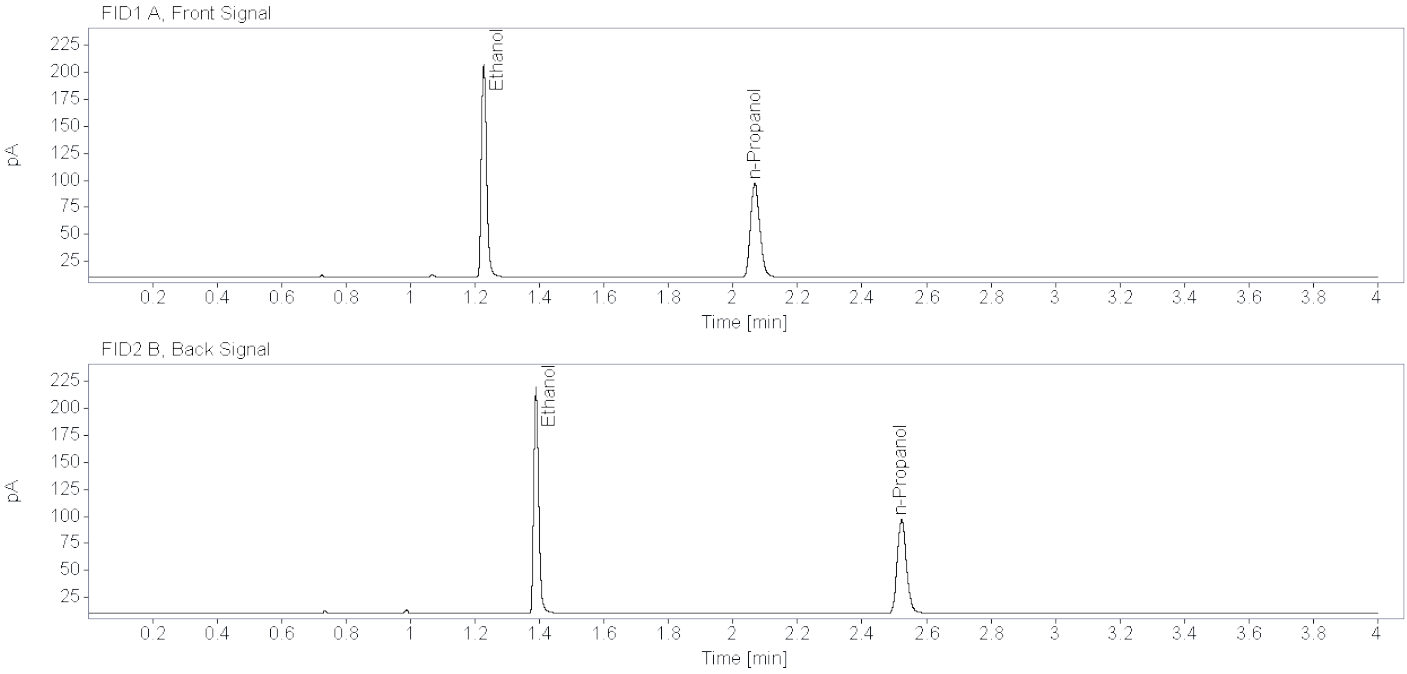
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76716	1.388	1.386	218.4288	0.2185
n-Propanol	0.84963	2.522	2.520	178.8548	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0208 001_001 (25-0360) **Description:** Alq 2 **Sample Barcode** 25-0360 **Vial Number:** 46

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:49:41 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75376	1.227	1.226	219.2303	0.2252
n-Propanol	0.82113	2.068	2.067	174.2461	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74717	1.389	1.386	218.6449	0.2255
n-Propanol	0.83337	2.523	2.520	173.4763	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0209 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1973	Aliquot 1:	0.1975
	Aliquot 2:	0.1989	Aliquot 2:	0.1994

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

Reported UM: **0.032** **g/100 mL**

Comments:

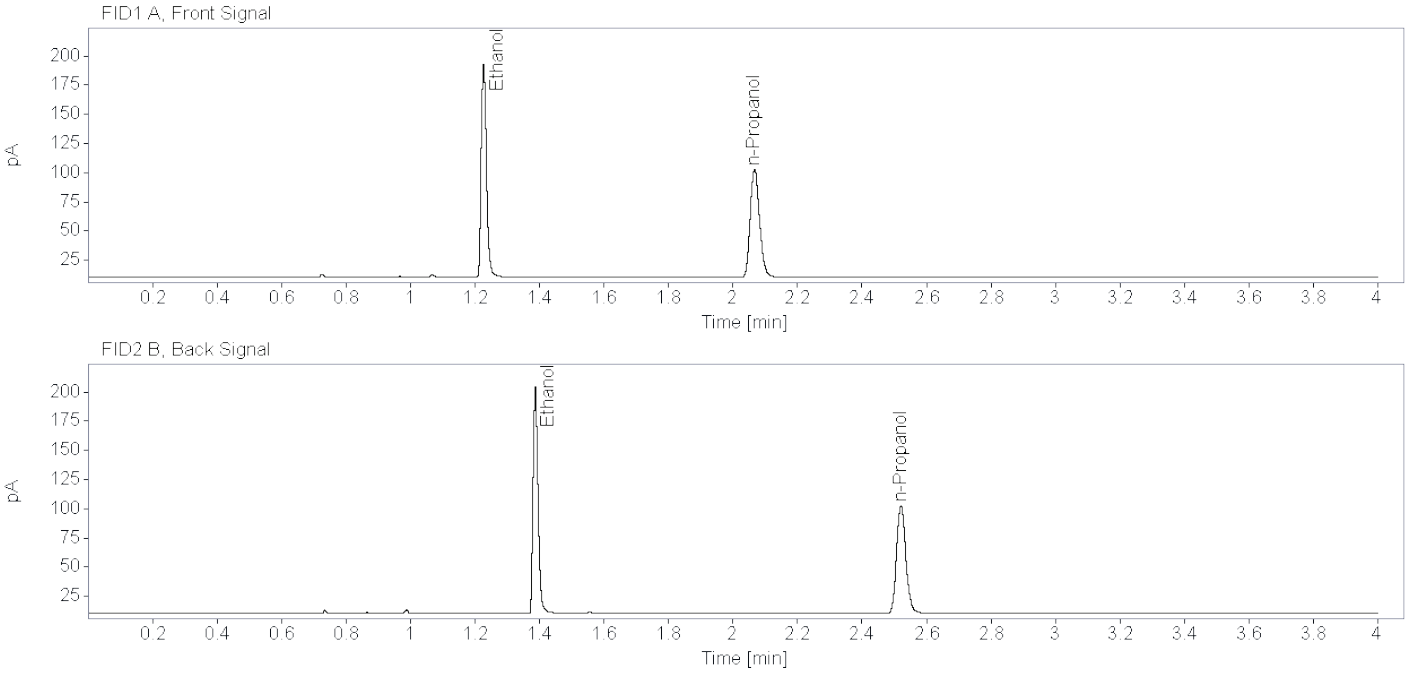
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0209 001_001 (25-0335) **Description:** Alq 1 **Sample Barcode** 25-0335 **Vial Number:** 21

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:40:11 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75753	1.227	1.226	204.8536	0.1973
n-Propanol	0.82498	2.067	2.067	185.9856	0.0100

Name FID2B

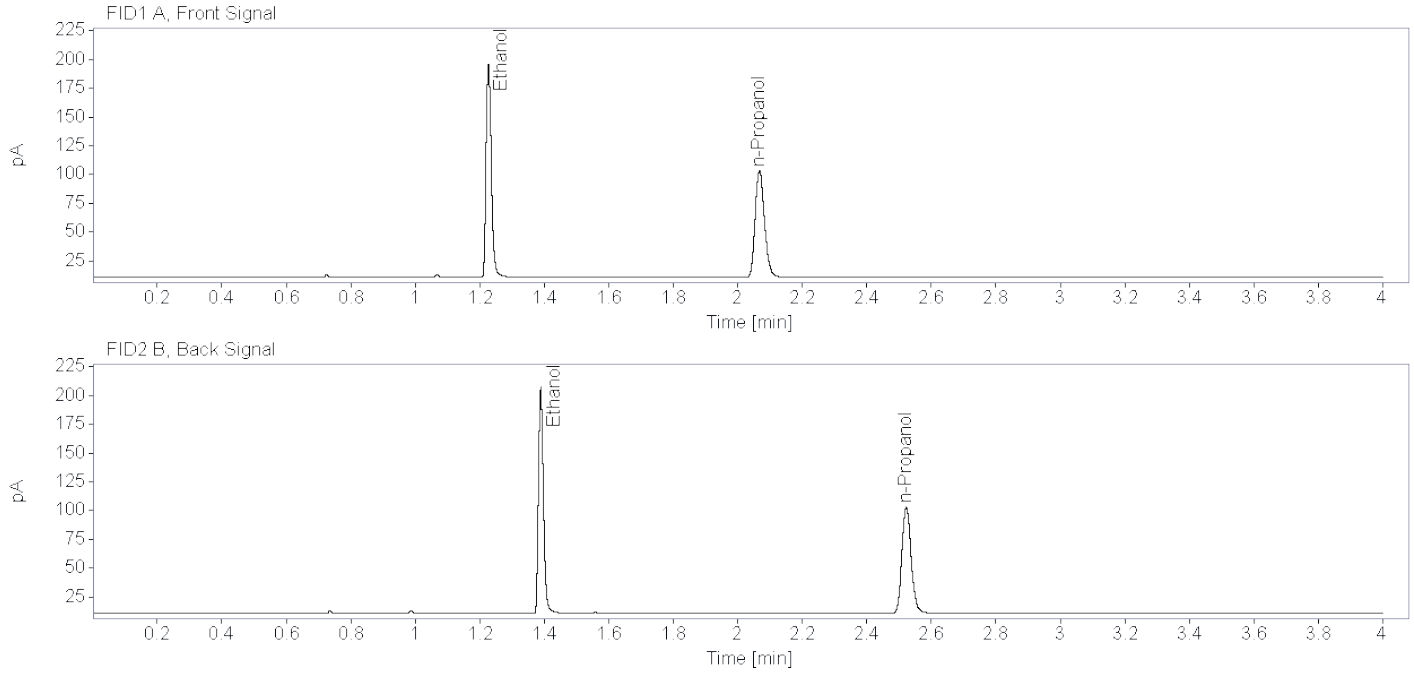
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75824	1.387	1.386	204.5686	0.1975
n-Propanol	0.85016	2.521	2.520	185.4251	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0209 001_001 (25-0359) **Description:** Alq 2 **Sample Barcode** 25-0359 **Vial Number:** 45

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:44:58 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75291	1.227	1.226	207.0281	0.1989
n-Propanol	0.81740	2.068	2.067	186.4646	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75108	1.389	1.386	207.1982	0.1994
n-Propanol	0.83254	2.523	2.520	185.9647	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0212 001_001

Batch Name: BAC_20250220_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:

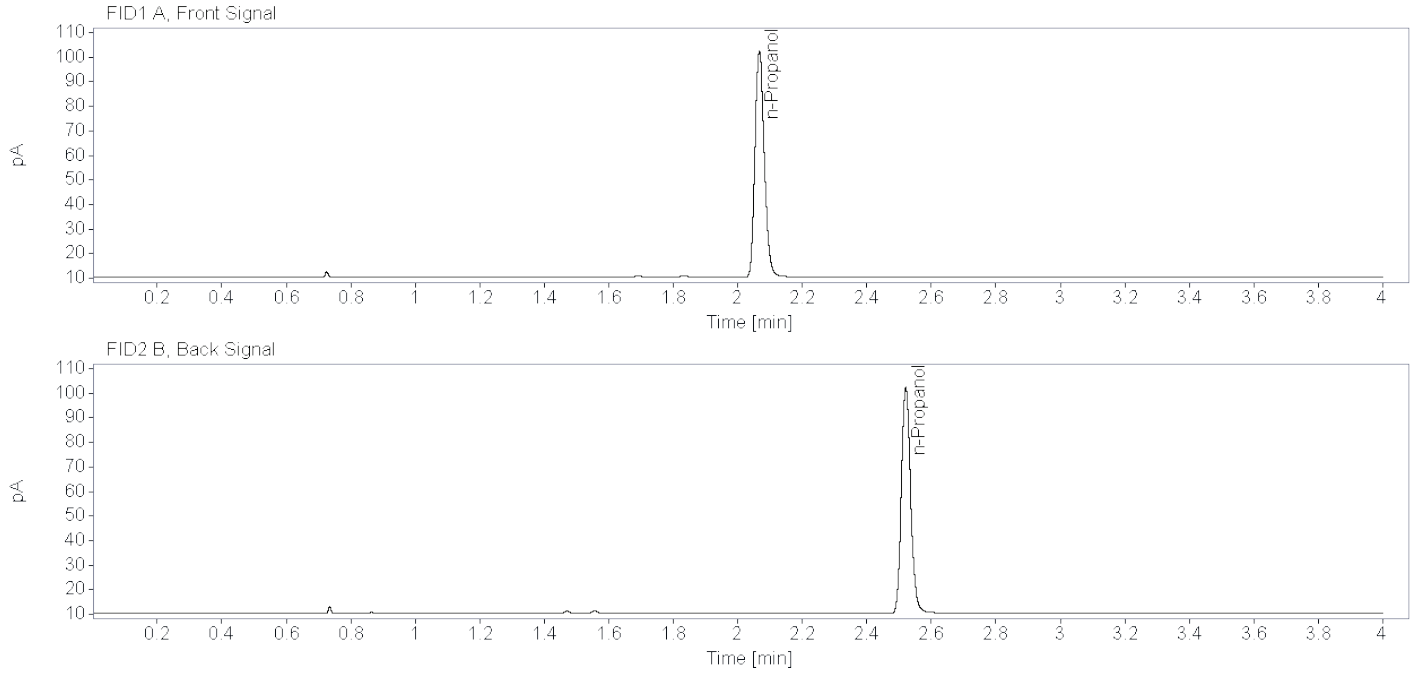
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0212 001_001 (25-0337) **Description:** Alq 1 **Sample Barcode** 25-0337 **Vial Number:** 23

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:50:34 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81735	2.067	2.067	185.1253	0.0100

Name FID2B

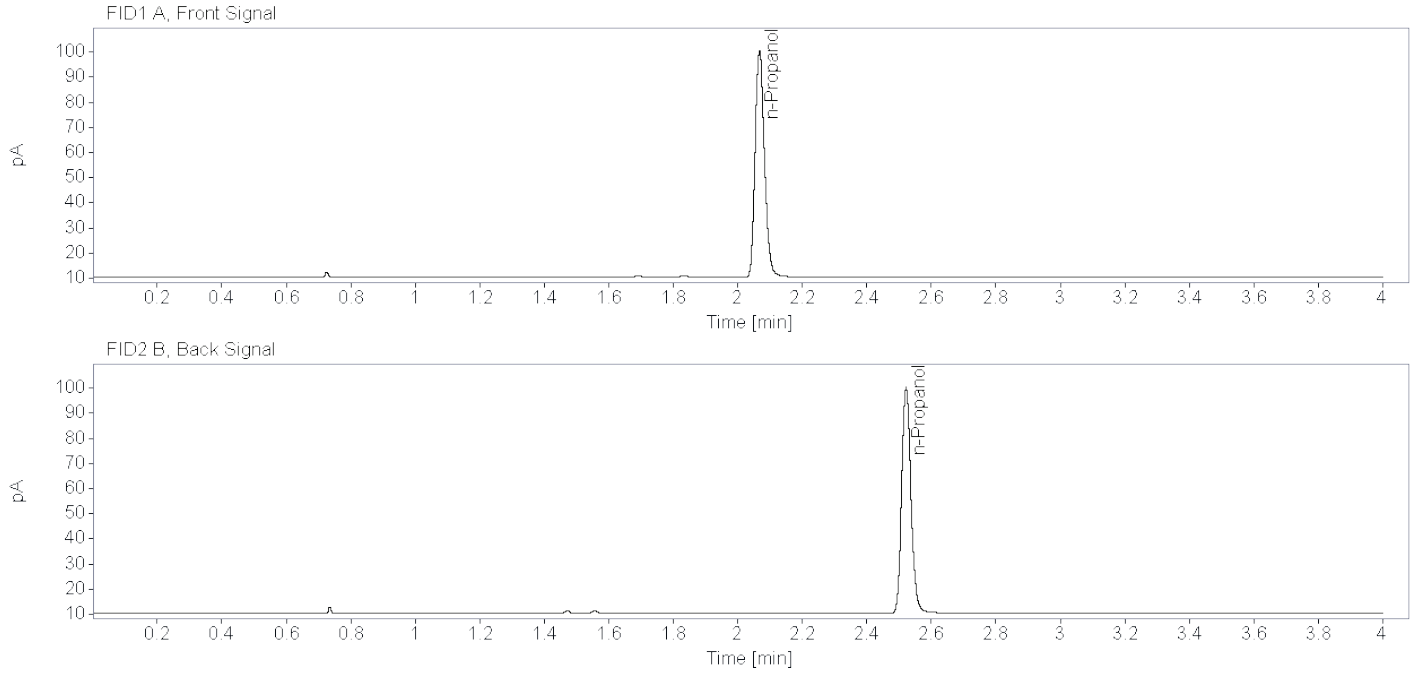
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84444	2.521	2.520	184.4433	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0212 001_001 (25-0357) **Description:** Alq 2 **Sample Barcode** 25-0357 **Vial Number:** 43

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:34:34 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81726	2.067	2.067	181.0830	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84700	2.522	2.520	180.3575	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0222 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2143	Aliquot 1:	0.2147
	Aliquot 2:	0.2166	Aliquot 2:	0.2171

Reported Result: **0.215** **g/100 mL**

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

Comments:

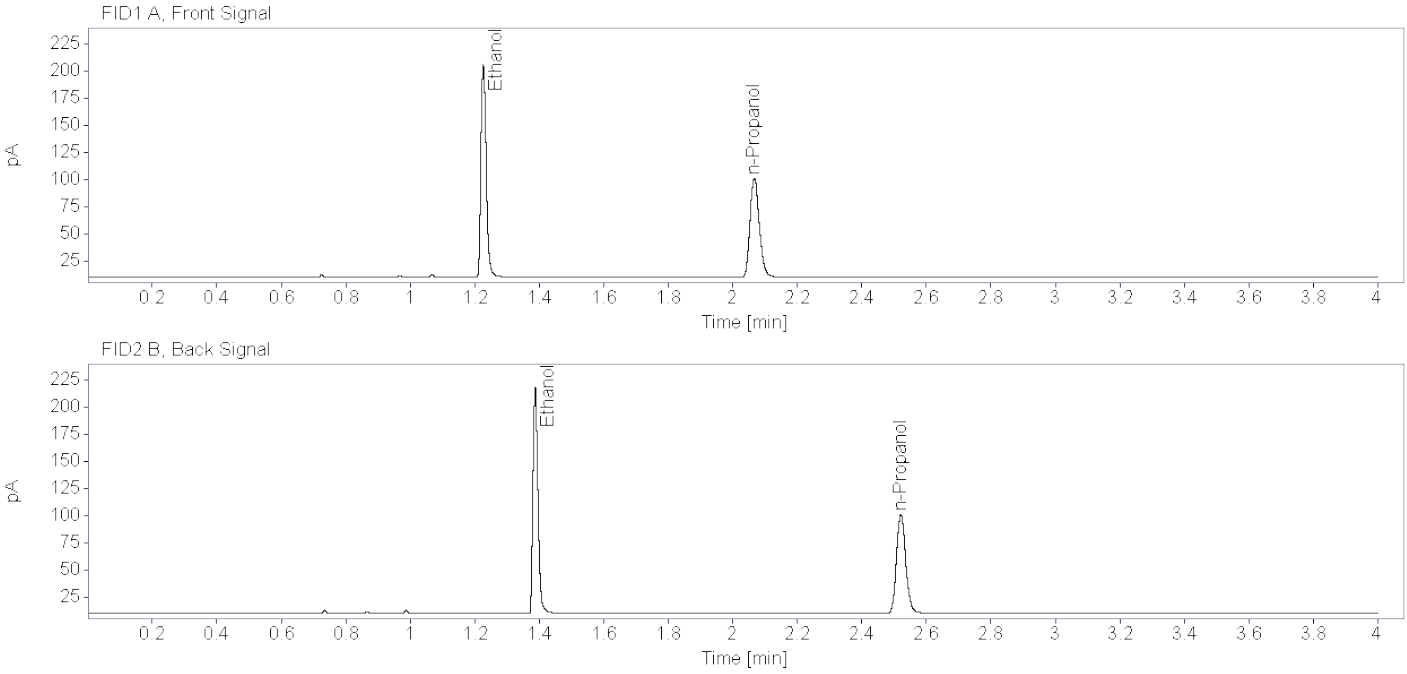
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0222 001_001 (25-0338) **Description:** Alq 1 **Sample Barcode** 25-0338 **Vial Number:** 24

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 2:55:17 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75266	1.227	1.226	219.3798	0.2143
n-Propanol	0.81841	2.067	2.067	183.3454	0.0100

Name FID2B

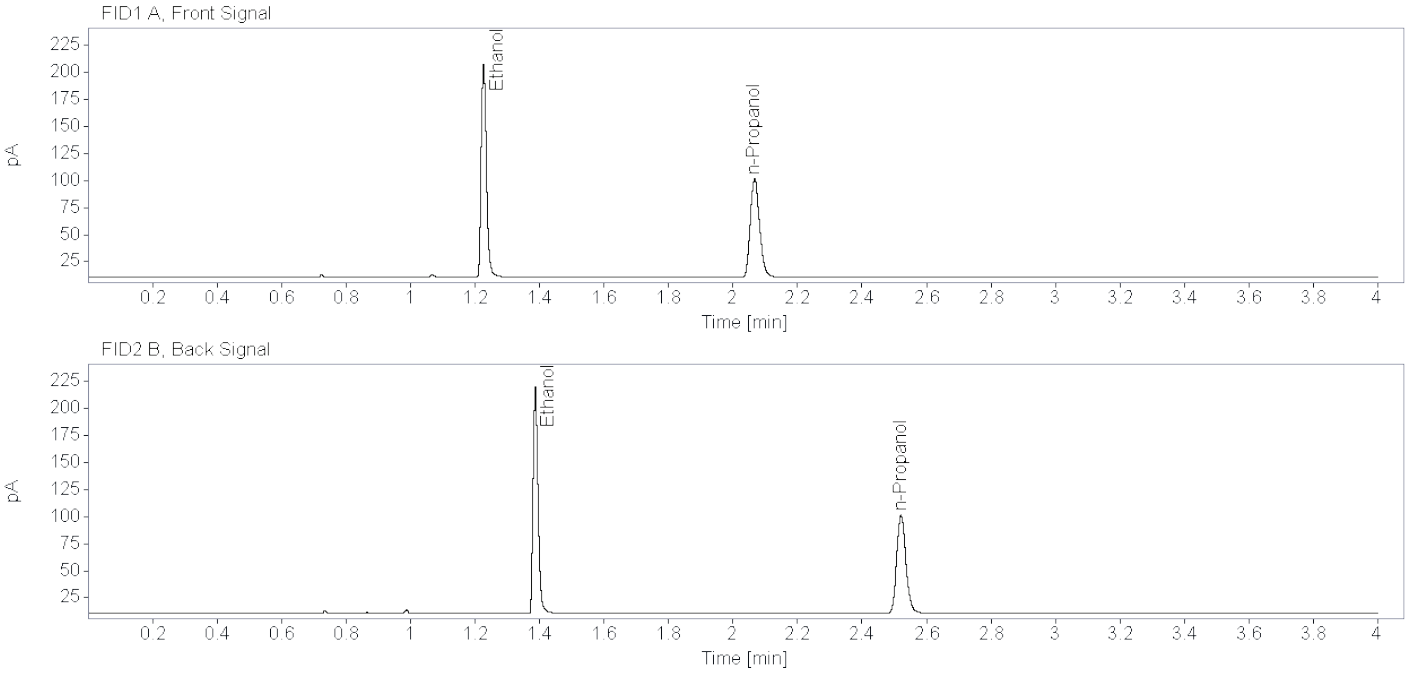
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76119	1.388	1.386	219.2827	0.2147
n-Propanol	0.84422	2.521	2.520	182.7638	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0222 001_001 (25-0356) **Description:** Alq 2 **Sample Barcode** 25-0356 **Vial Number:** 42

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:28:54 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75741	1.227	1.226	220.9404	0.2166
n-Propanol	0.81807	2.067	2.067	182.6672	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76447	1.387	1.386	220.6860	0.2171
n-Propanol	0.84720	2.521	2.520	181.8899	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0223 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2578	Aliquot 1:	0.2582
	Aliquot 2:	0.2520	Aliquot 2:	0.2527

Reported Result: **0.255** **g/100 mL**

Reported UM: **0.041** **g/100 mL**

Comments:

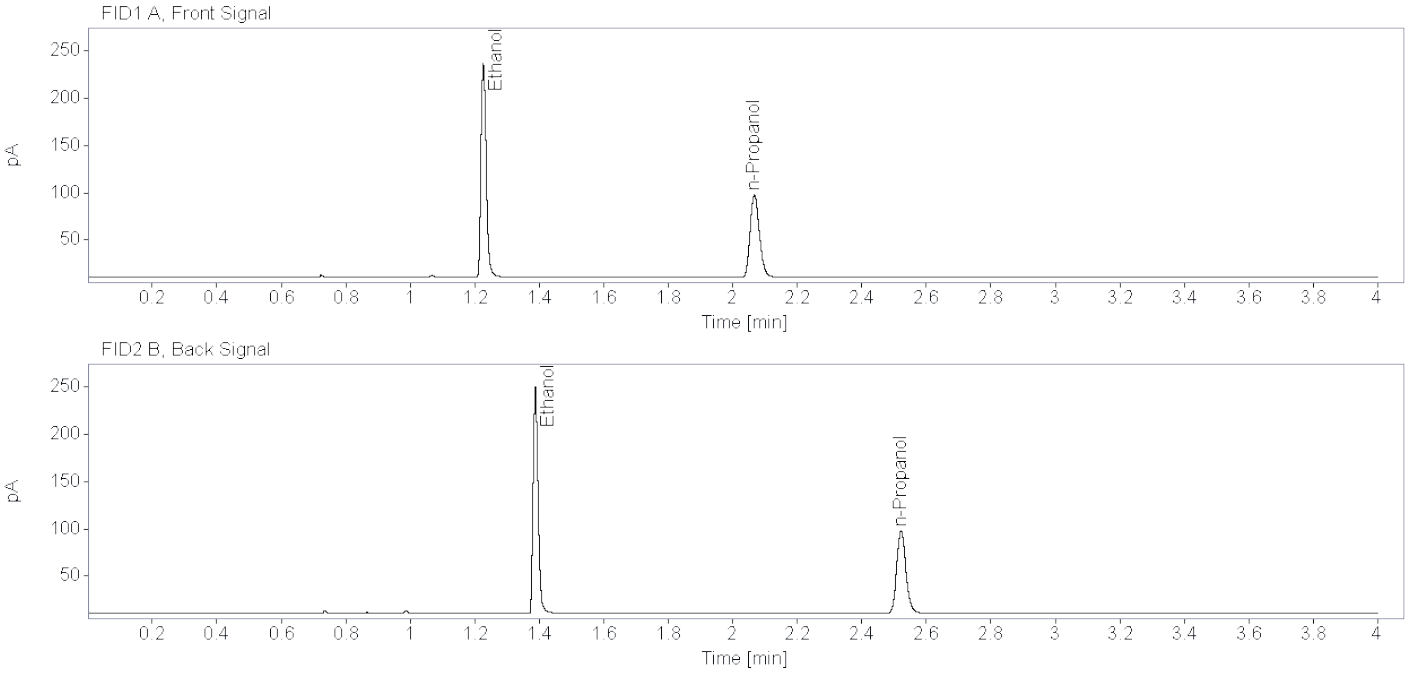
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0223 001_001 (25-0339) **Description:** Alq 1 **Sample Barcode** 25-0339 **Vial Number:** 25

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:00:58 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76028	1.227	1.226	252.3882	0.2578
n-Propanol	0.81813	2.067	2.067	175.1345	0.0100

Name FID2B

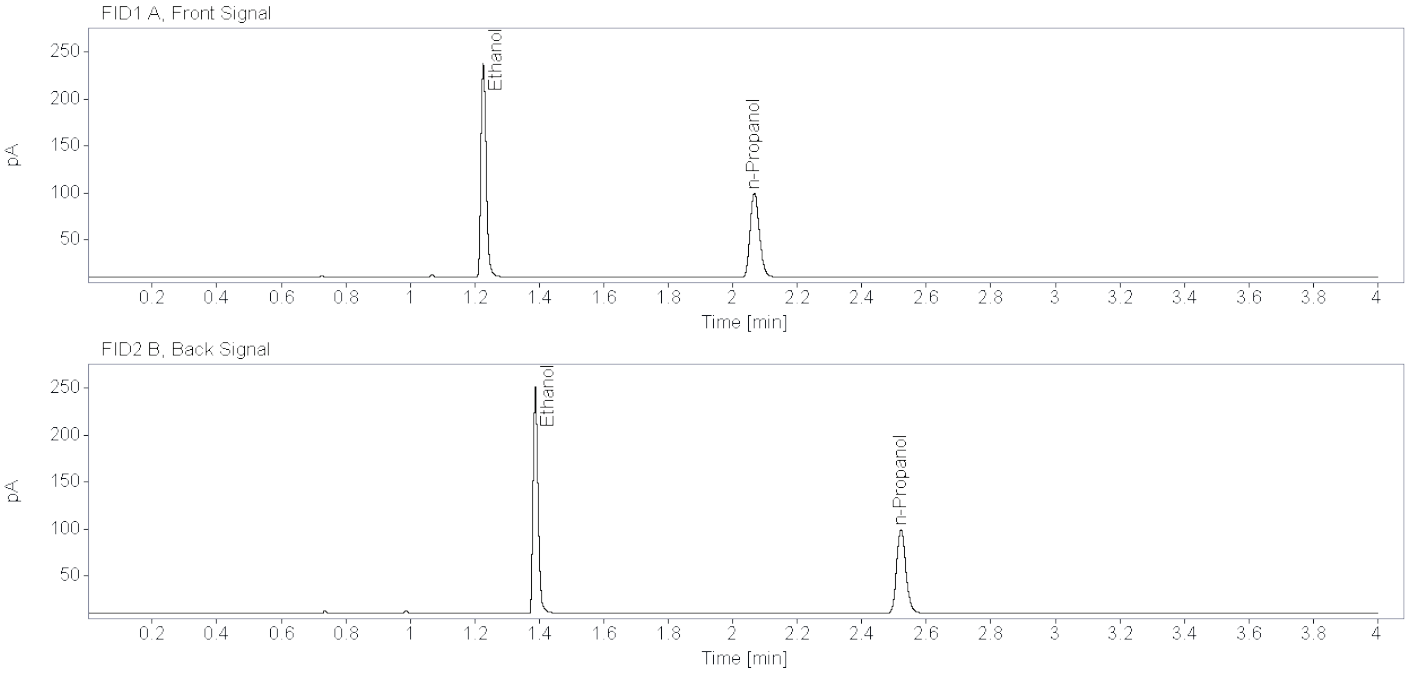
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78066	1.388	1.386	252.0256	0.2582
n-Propanol	0.84965	2.522	2.520	174.5365	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0223 001_001 (25-0355) **Description:** Alq 2 **Sample Barcode** 25-0355 **Vial Number:** 41

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:24:11 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75739	1.227	1.226	253.1732	0.2520
n-Propanol	0.81677	2.067	2.067	179.7684	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77829	1.388	1.386	252.7806	0.2527
n-Propanol	0.84366	2.522	2.520	178.8929	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0228 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1685	Aliquot 1:	0.1688
	Aliquot 2:	0.1608	Aliquot 2:	0.1612

Reported Result: **0.164** **g/100 mL**

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

Comments:

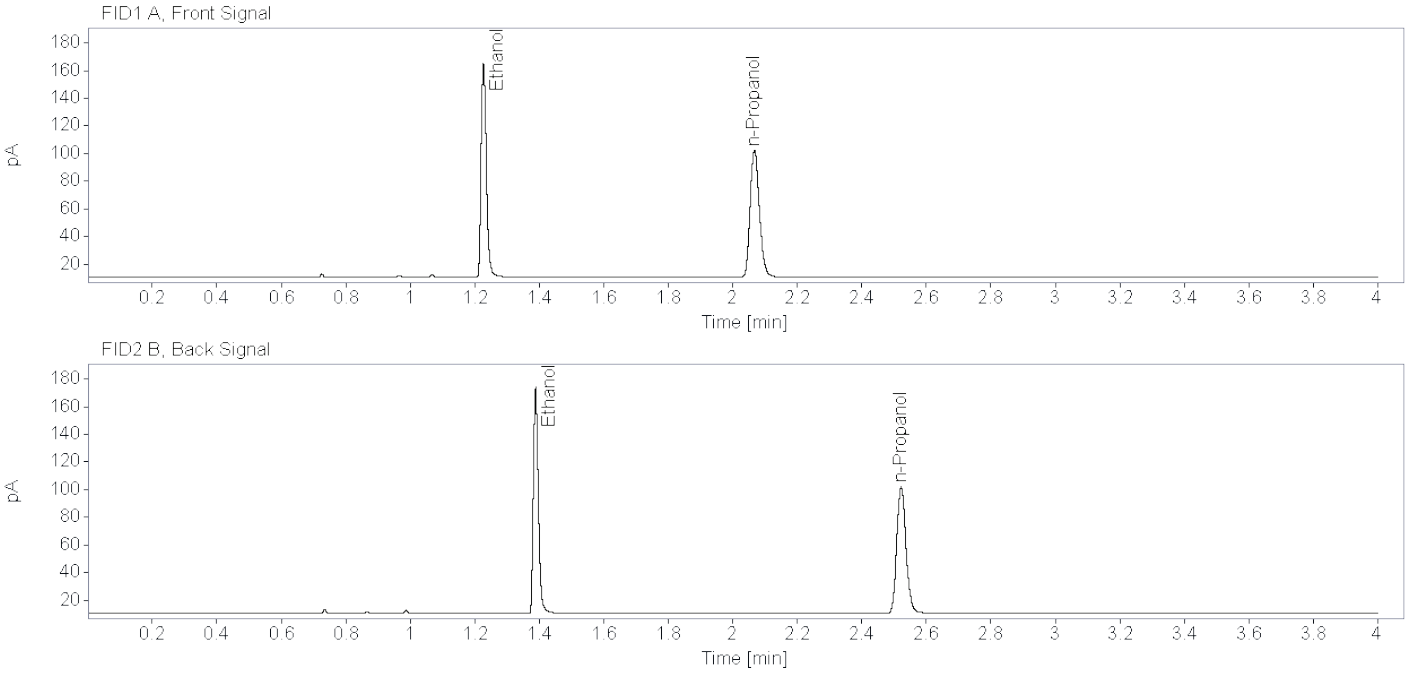
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0228 001_001 (25-0340) **Description:** Alq 1 **Sample Barcode** 25-0340 **Vial Number:** 26

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:05:41 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74602	1.227	1.226	172.8962	0.1685
n-Propanol	0.81902	2.067	2.067	183.9948	0.0100

Name FID2B

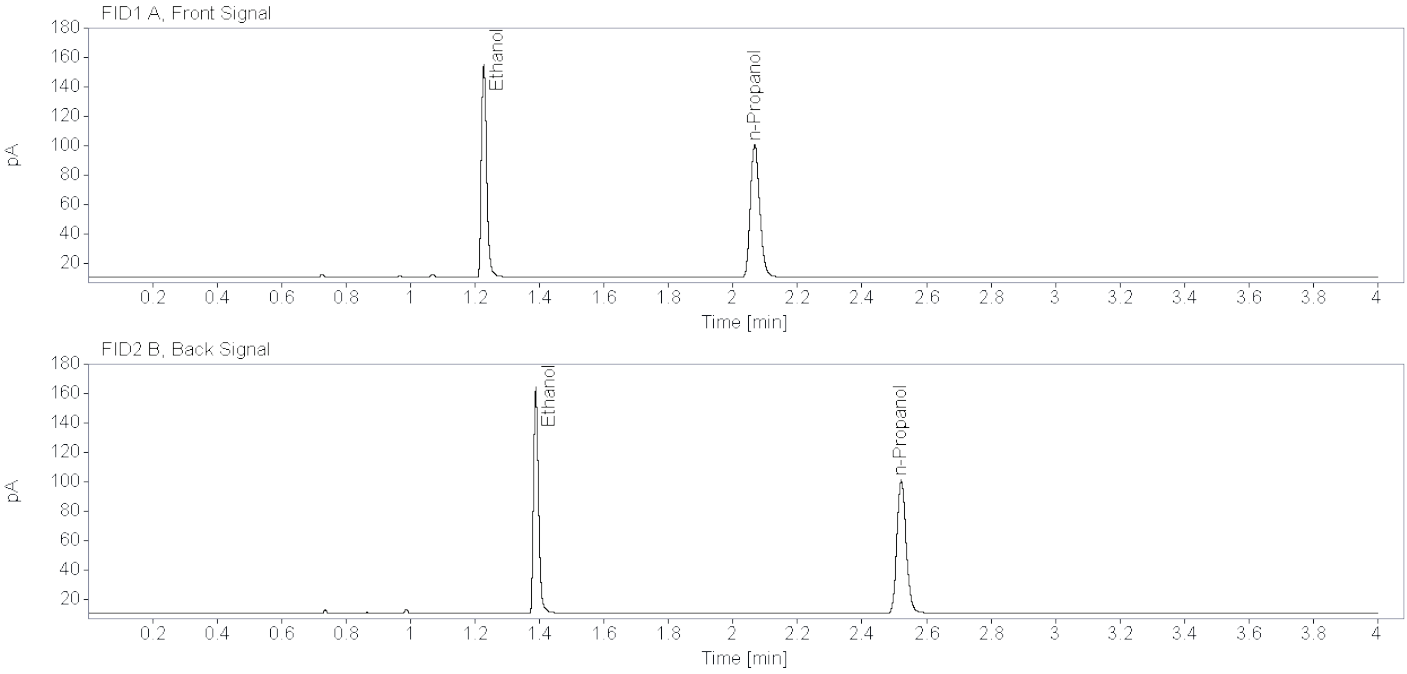
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73996	1.389	1.386	172.8456	0.1688
n-Propanol	0.84974	2.522	2.520	183.4680	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0228 001_001 (25-0354) **Description:** Alq 2 **Sample Barcode** 25-0354 **Vial Number:** 40

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:18:30 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74055	1.227	1.226	162.5835	0.1608
n-Propanol	0.82332	2.067	2.067	181.3774	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73488	1.388	1.386	162.7064	0.1612
n-Propanol	0.83001	2.522	2.520	180.8868	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0246 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1914	Aliquot 1:	0.1917
	Aliquot 2:	0.1911	Aliquot 2:	0.1916

Reported Result: **0.191** **g/100 mL**

Reported UM: **0.031** **g/100 mL**

Comments:

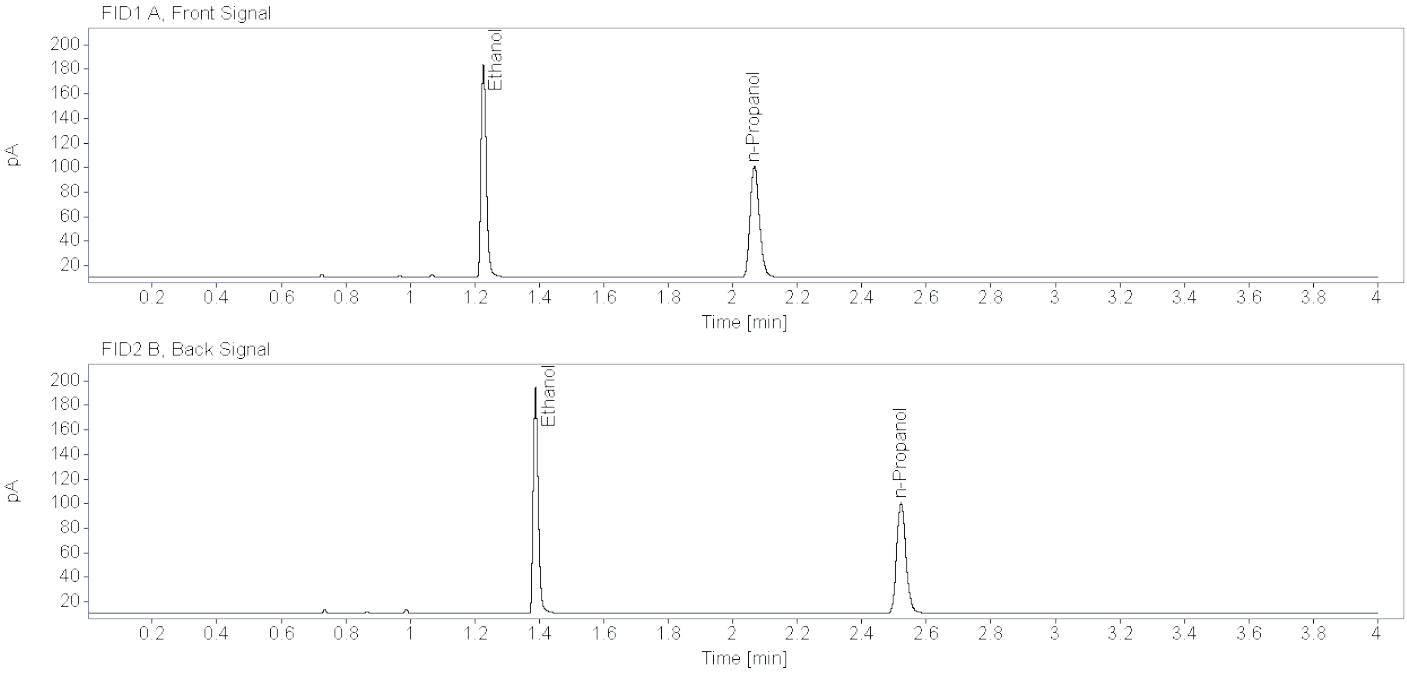
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0246 001_001 (25-0341) **Description:** Alq 1 **Sample Barcode** 25-0341 **Vial Number:** 27

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:11:22 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74853	1.227	1.226	194.0141	0.1914
n-Propanol	0.81899	2.067	2.067	181.6675	0.0100

Name FID2B

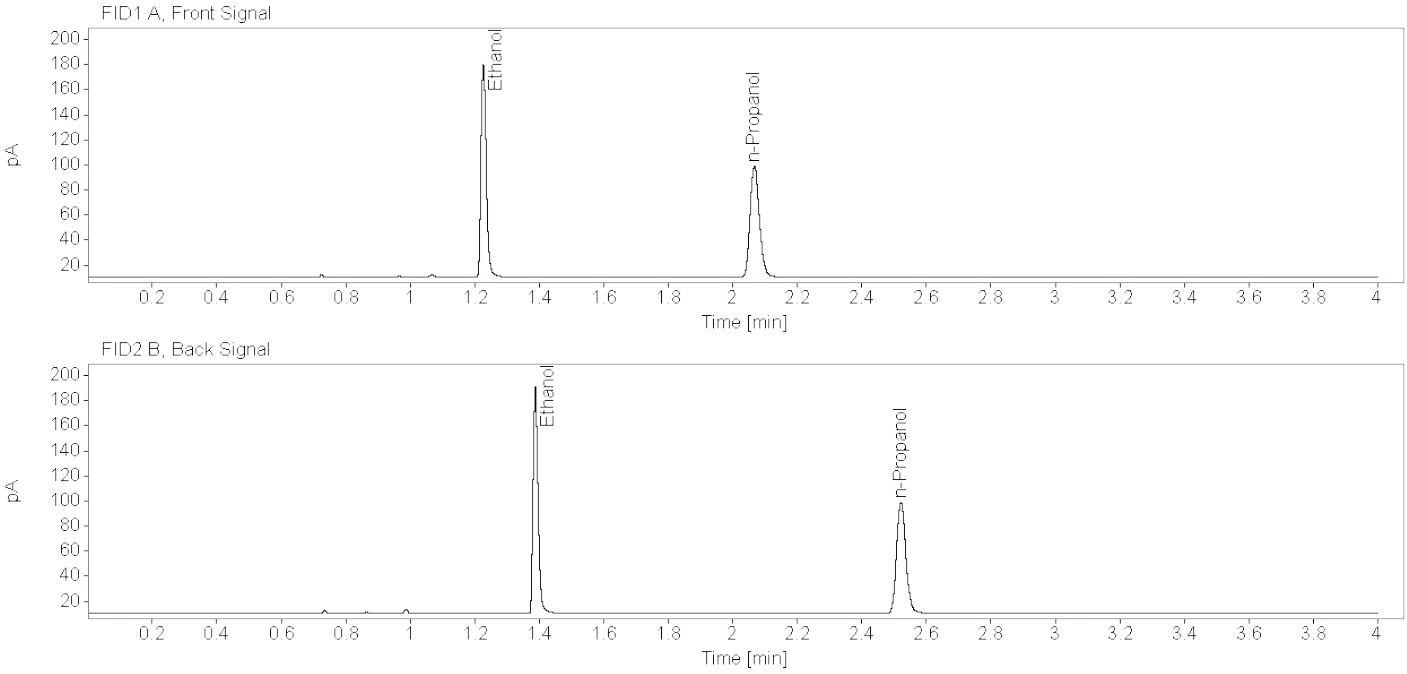
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74457	1.388	1.386	193.7527	0.1917
n-Propanol	0.84838	2.522	2.520	180.9987	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0246 001_001 (25-0353) **Description:** Alq 2 **Sample Barcode** 25-0353 **Vial Number:** 39

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:13:47 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74489	1.227	1.226	190.2410	0.1911
n-Propanol	0.81734	2.067	2.067	178.3760	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75605	1.388	1.386	190.0521	0.1916
n-Propanol	0.84660	2.521	2.520	177.5741	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0247 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1732	Aliquot 1:	0.1733
	Aliquot 2:	0.1717	Aliquot 2:	0.1723

Reported Result: **0.172** **g/100 mL**

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

Comments:

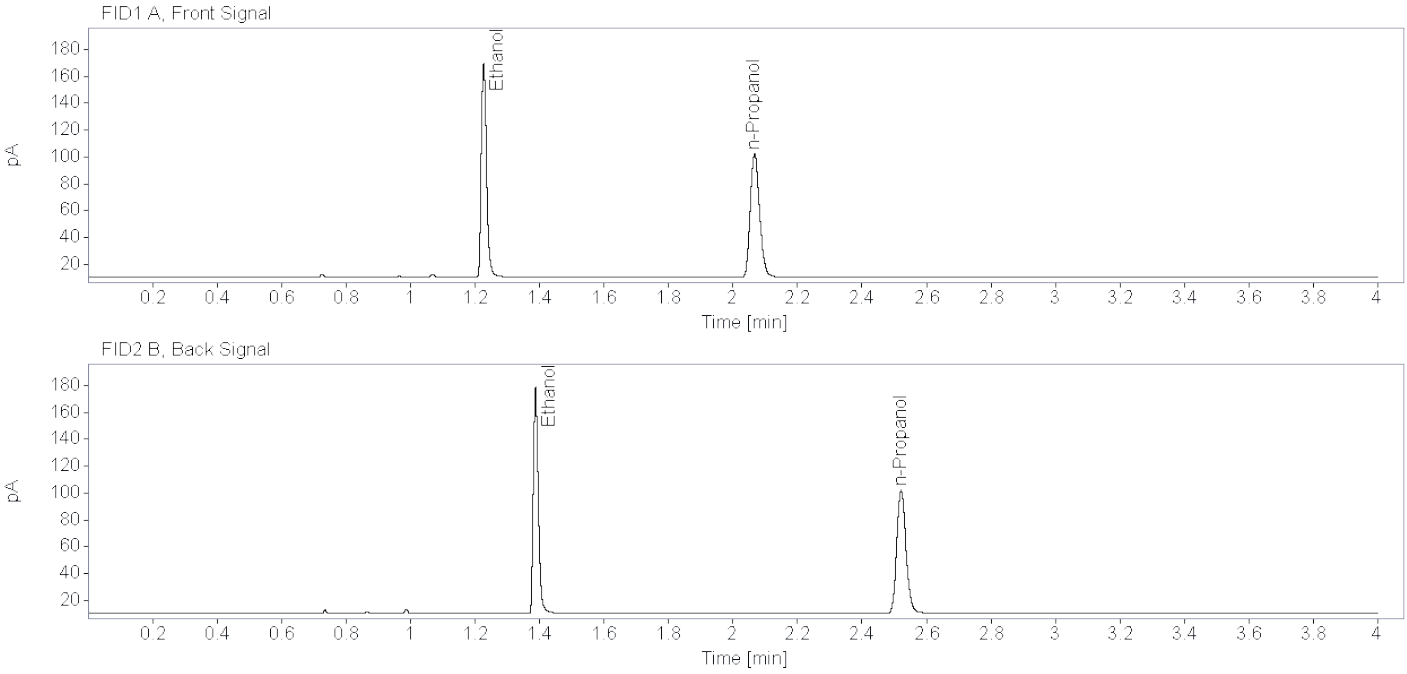
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0247 001_001 (25-0342) **Description:** Alq 1 **Sample Barcode** 25-0342 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:16:05 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75612	1.227	1.226	178.3932	0.1732
n-Propanol	0.82108	2.067	2.067	184.6930	0.0100

Name FID2B

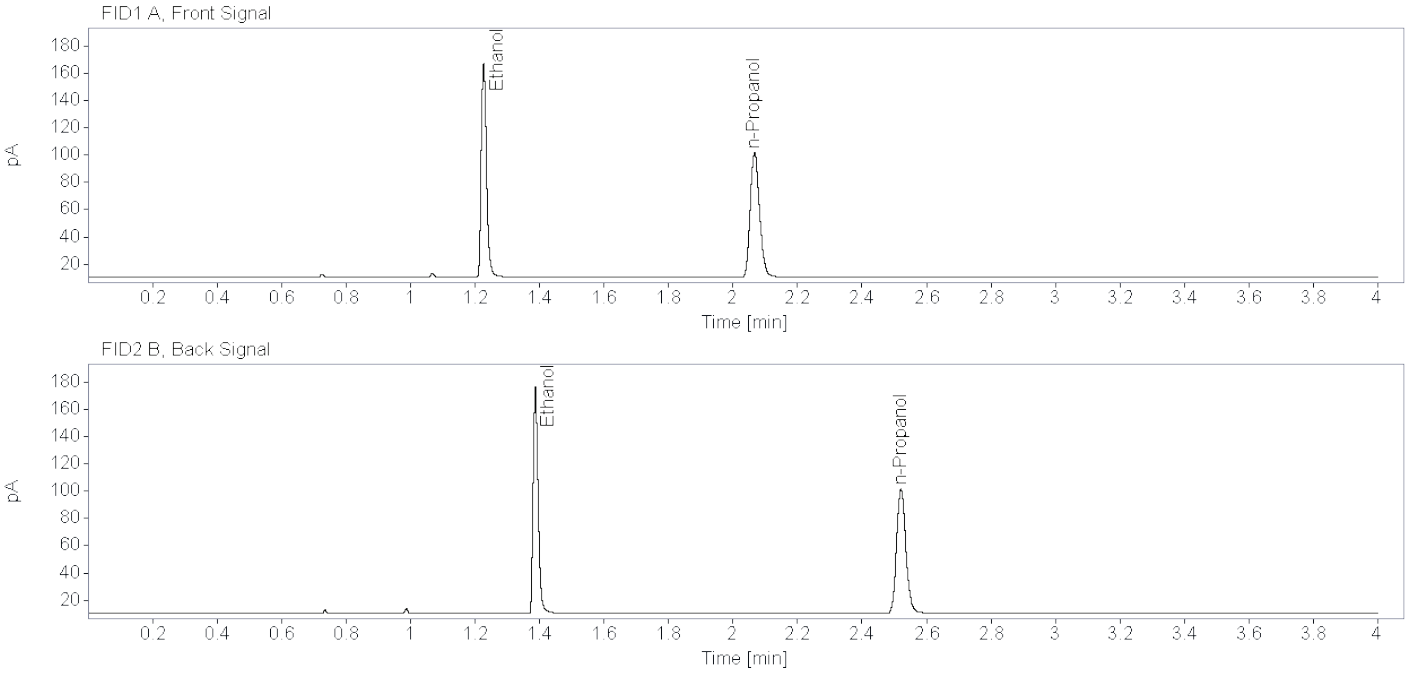
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73827	1.388	1.386	178.0891	0.1733
n-Propanol	0.85047	2.521	2.520	184.0548	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0247 001_001 (25-0352) **Description:** Alq 2 **Sample Barcode** 25-0352 **Vial Number:** 38

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:08:05 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75177	1.227	1.226	175.8421	0.1717
n-Propanol	0.82106	2.067	2.067	183.6465	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75037	1.387	1.386	175.8135	0.1723
n-Propanol	0.84855	2.521	2.520	182.8335	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0268 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1265	Aliquot 1:	0.1270
	Aliquot 2:	0.1266	Aliquot 2:	0.1271

Reported Result: **0.126** **g/100 mL**

Reported UM: **0.020** **g/100 mL**

Comments:

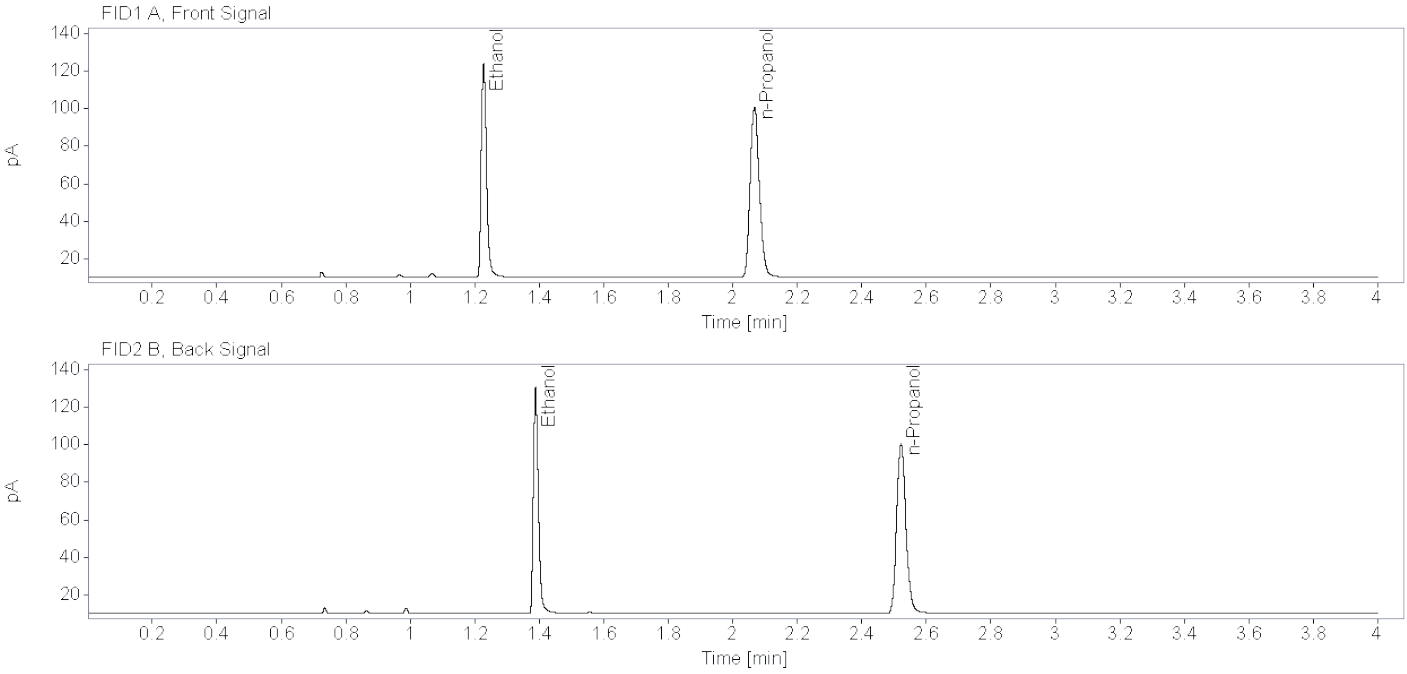
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0268 001_001 (25-0343) **Description:** Alq 1 **Sample Barcode** 25-0343 **Vial Number:** 29

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:21:47 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74155	1.228	1.226	127.5213	0.1265
n-Propanol	0.81720	2.067	2.067	181.1502	0.0100

Name FID2B

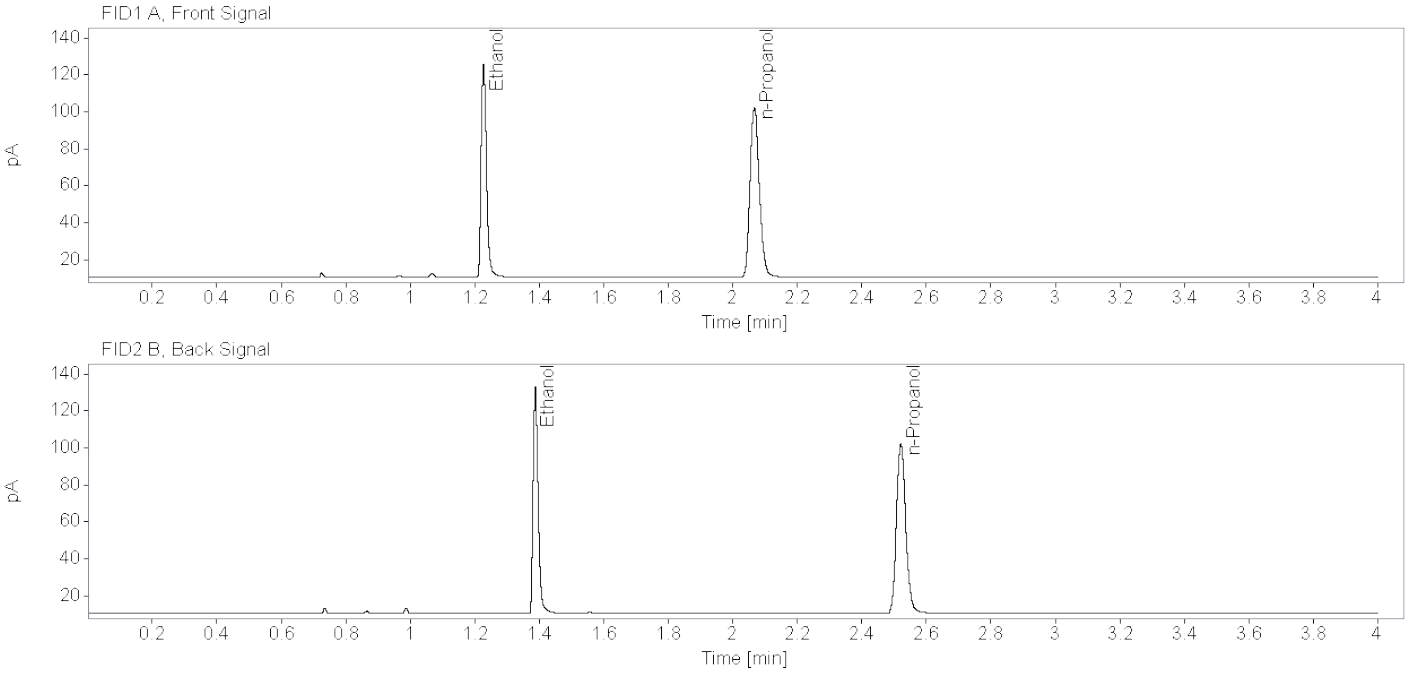
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71948	1.389	1.386	127.7134	0.1270
n-Propanol	0.85038	2.522	2.520	180.5449	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0268 001_001 (25-0351) **Description:** Alq 2 **Sample Barcode** 25-0351 **Vial Number:** 37

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 4:03:22 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73311	1.227	1.226	130.1503	0.1266
n-Propanol	0.81706	2.067	2.067	184.7851	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72860	1.388	1.386	130.3374	0.1271
n-Propanol	0.84740	2.521	2.520	184.0577	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0273 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1632	Aliquot 1:	0.1635
	Aliquot 2:	0.1620	Aliquot 2:	0.1627

Reported Result: **0.162** **g/100 mL**

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

Comments:

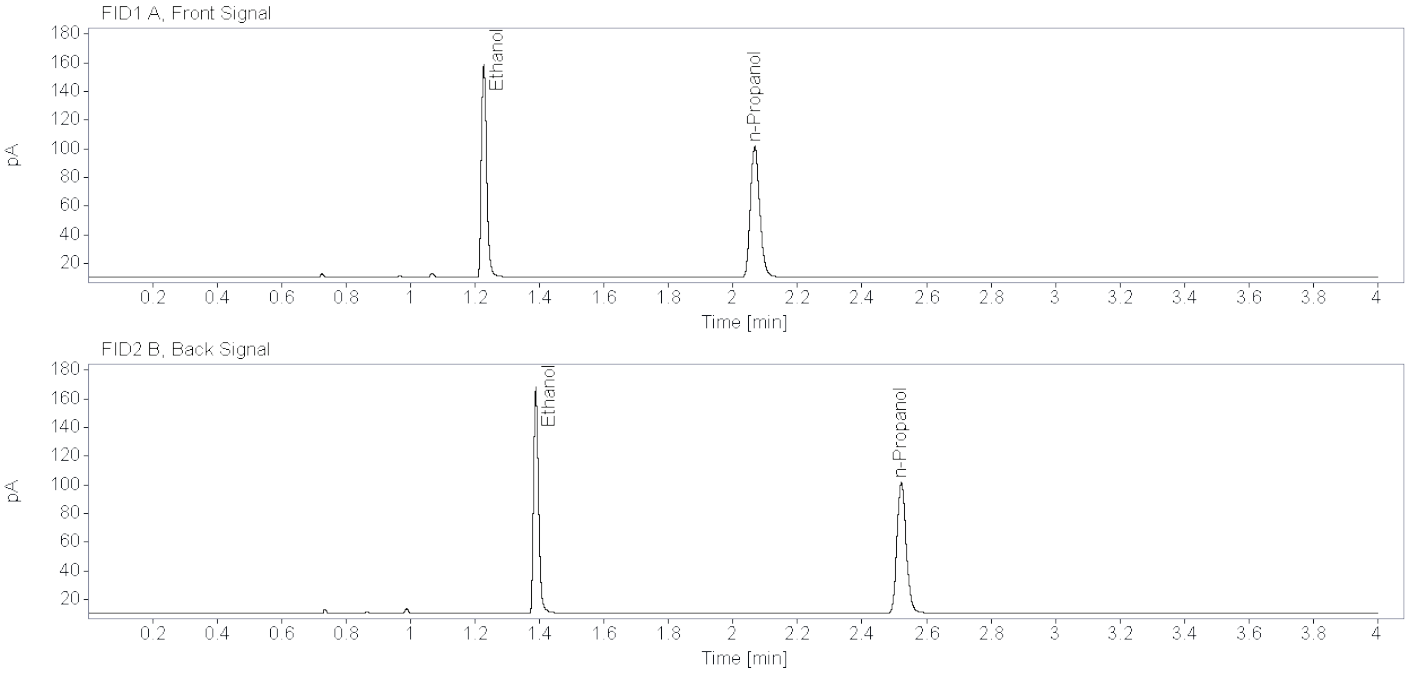
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0273 001_001 (25-0344) **Description:** Alq 1 **Sample Barcode** 25-0344 **Vial Number:** 30

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:26:30 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74309	1.227	1.226	166.5450	0.1632
n-Propanol	0.82609	2.067	2.067	183.0771	0.0100

Name FID2B

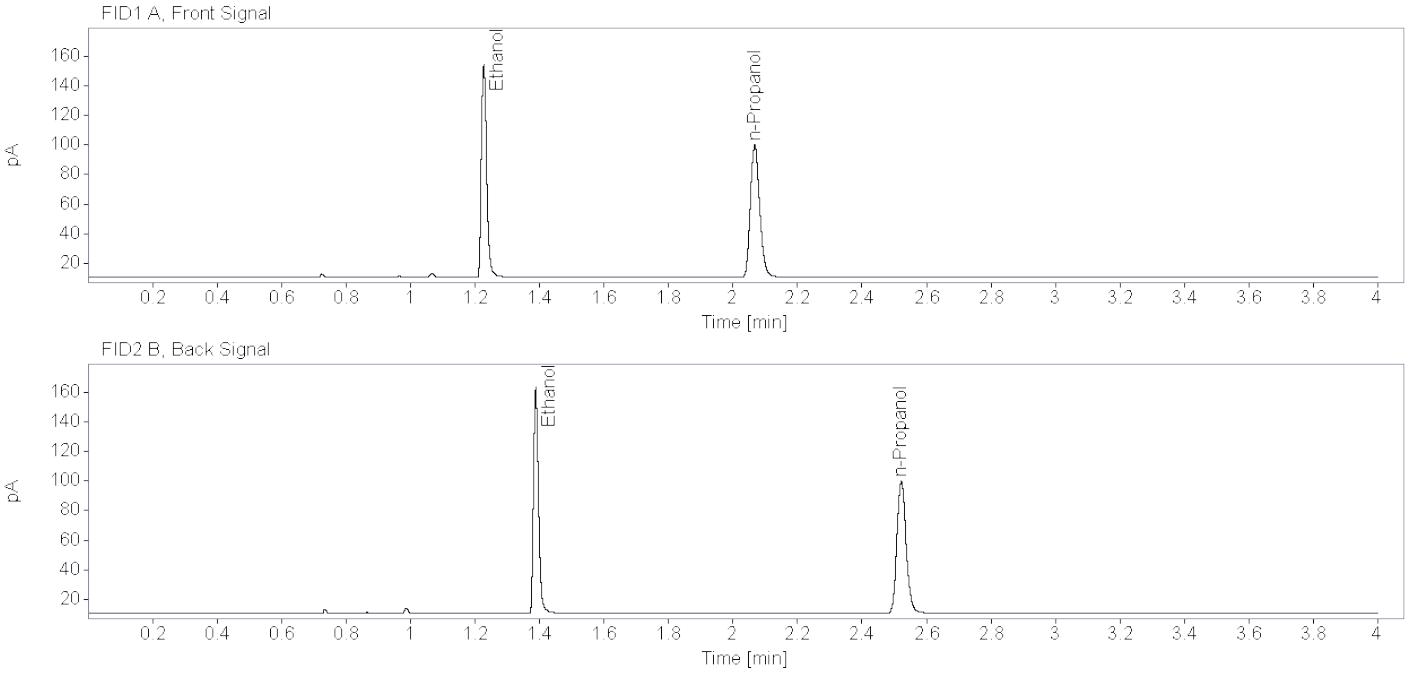
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73822	1.389	1.386	166.5252	0.1635
n-Propanol	0.83313	2.522	2.520	182.5603	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0273 001_001 (25-0350) **Description:** Alq 2 **Sample Barcode** 25-0350 **Vial Number:** 36

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:57:42 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73986	1.227	1.226	162.0257	0.1620
n-Propanol	0.82329	2.067	2.067	179.3782	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73536	1.388	1.386	162.0730	0.1627
n-Propanol	0.83237	2.522	2.520	178.5629	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0288 001_001

Batch Name: BAC_20250220_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1973	Aliquot 1:	0.1979
	Aliquot 2:	0.1956	Aliquot 2:	0.1957

Reported Result: **0.196** **g/100 mL**

Reported UM: **0.032** **g/100 mL**

Comments:

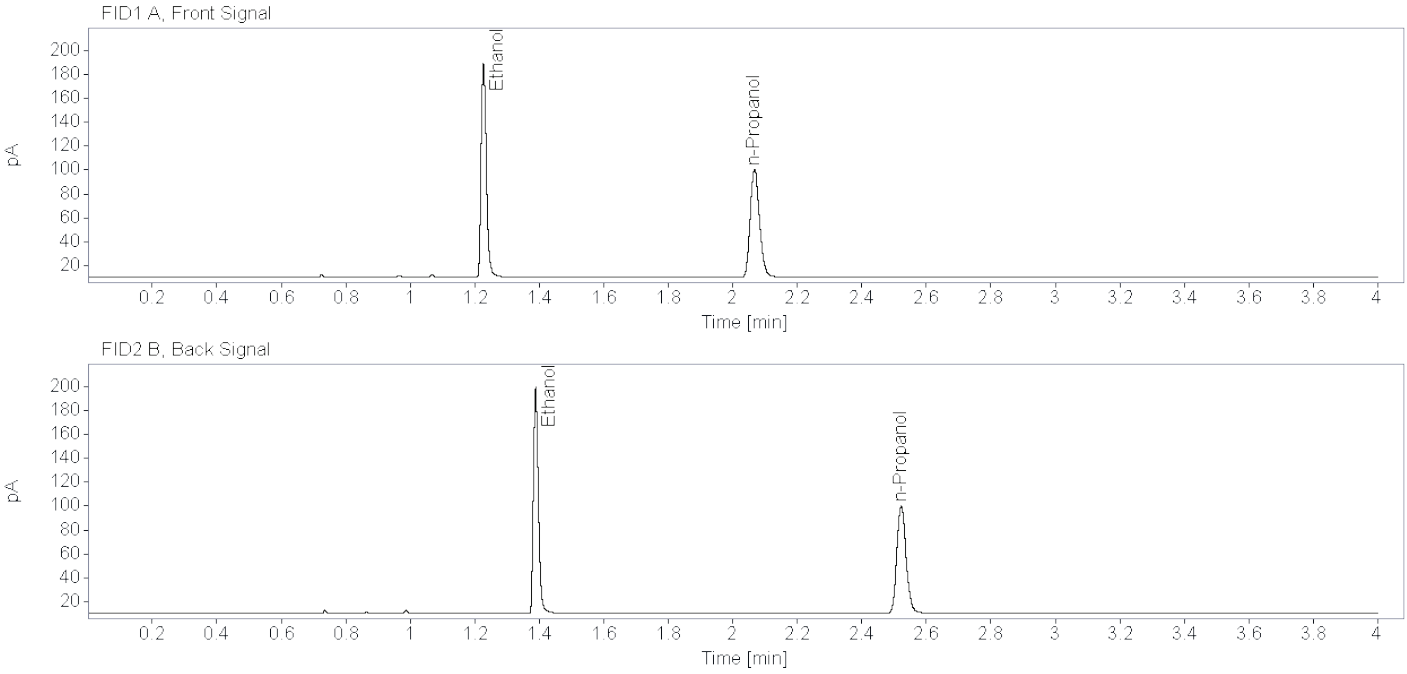
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0288 001_001 (25-0345) **Description:** Alq 1 **Sample Barcode** 25-0345 **Vial Number:** 31

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:32:10 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75361	1.227	1.226	199.1465	0.1973
n-Propanol	0.82092	2.068	2.067	180.7950	0.0100

Name FID2B

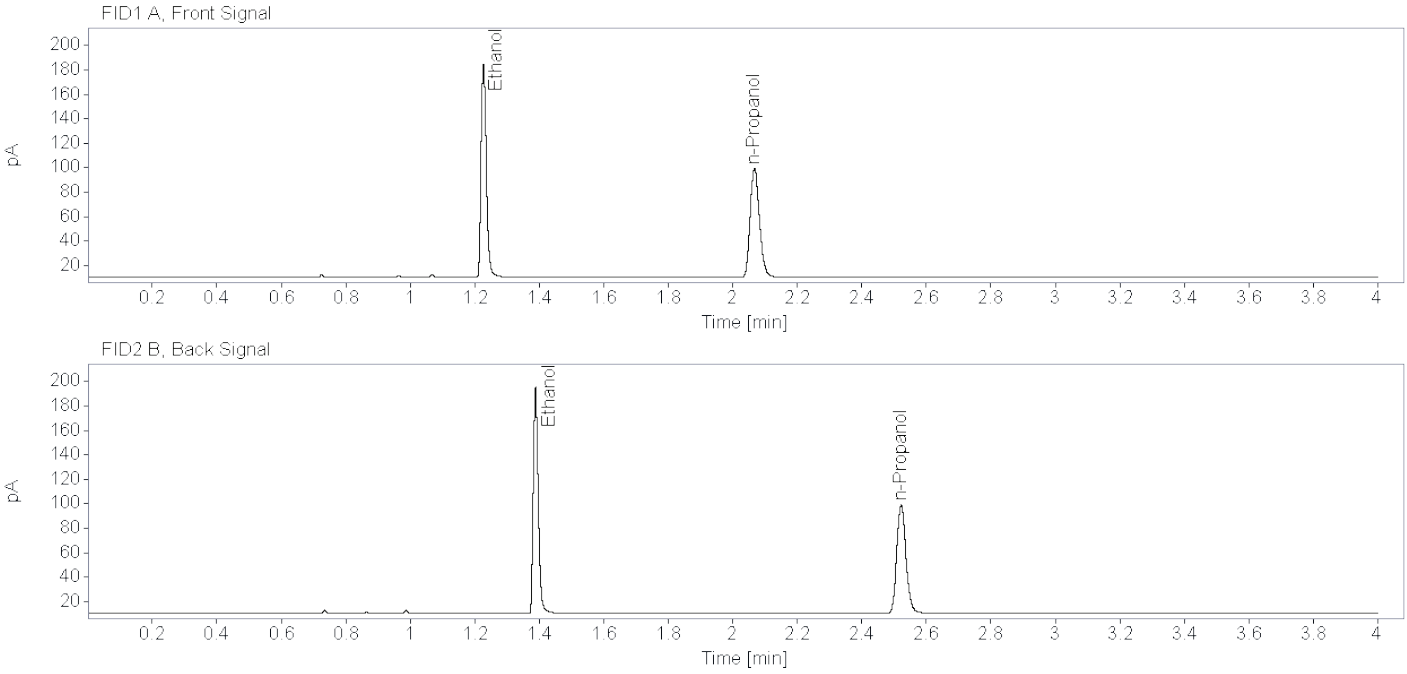
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74800	1.389	1.386	199.2937	0.1979
n-Propanol	0.84972	2.522	2.520	180.2581	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0288 001_001 (25-0349) **Description:** Alq 2 **Sample Barcode** 25-0349 **Vial Number:** 35

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/20/2025 3:52:58 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250220_MH 2025-02-20 12-46-04\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75009	1.227	1.226	194.8581	0.1956
n-Propanol	0.81797	2.067	2.067	178.4540	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74677	1.389	1.386	194.3033	0.1957
n-Propanol	0.84829	2.522	2.520	177.7319	0.0100