Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250724_KB		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	110	✓	✓

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.08.05 09:04:29 -05'00'

Date: 8/5/2025

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.08.07 12:11:42 -05'00'

Date: 8/7/2025

Batch Name: BAC_20250724_KB

Technical Review Notes

N/A -- 8/7/2025 mh

BAC Summary Worksheet

Batch Name:	BAC_20250724_KB
Instrument:	BAC-1
Analyst:	Kayla M. Baylor
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		180.8340	178.4162
Acceptance Range	**Min**	162.7506	160.5746
	Max	198.9174	196.2579

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0103	0.0103	0.0103	3.00	0.00	0.00	179.8303	177.7786
0.025 g/100mL Calibrator	0.0249	0.0248	0.0248	-0.80	0.40	0.00	179.3552	176.9259
0.050 g/100mL Calibrator	0.0489	0.0490	0.0489	-2.20	0.00	0.20	176.5072	174.0608
0.100 g/100mL Calibrator	0.0988	0.0988	0.0988	-1.20	0.00	0.00	181.1705	178.8242
0.200 g/100mL Calibrator	0.1995	0.1995	0.1995	-0.25	0.00	0.00	185.1282	182.6067
0.400 g/100mL Calibrator	0.4022	0.4020	0.4021	0.52	0.02	-0.02	184.2166	181.6415
0.500 g/100mL Calibrator	0.5004	0.5006	0.5005	0.10	-0.02	0.02	179.6303	177.0760

		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	-	-	-	185.6235	183.0556
High QC	0.3950	0.3954	0.3952	-1.20	-0.05	0.05	182.2995	179.8762
Low QC	0.0784	0.0783	0.0783	-2.13	0.13	0.00	182.2126	179.5939
Blood QC A	0.0770	0.0771	0.0770	-2.28	0.00	0.13	180.4339	178.0827
Blood QC B	0.1894	0.1900	0.1897	-1.04	-0.16	0.16	175.8766	173.1796
Blood QC A	0.0800	0.0802	0.0801	1.65	-0.12	0.12	175.1583	172.6531
Blood QC B	0.1906	0.1914	0.1910	-0.37	-0.21	0.21	179.3714	176.7913
Blood QC A	0.0774	0.0774	0.0774	-1.78	0.00	0.00	178.7926	176.4484
High QC	0.4118	0.4122	0.4120	3.00	-0.05	0.05	181.5702	178.9000
Low QC	0.0810	0.0813	0.0811	1.38	-0.12	0.25	179.2538	176.5736
DI Water	0.0000	0.0000	0.0000	-	-	-	187.5546	184.8599

		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-25-1144 001_001	0.1820	0.1819	0.1725	0.1727	0.177	0.029	2.67	2.61	-2.69	-2.58	184.1364	181.7282	181.3469	179.1633
2	**BCCL-25-1145 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	184.2714	181.9381	187.4131	185.0241
3	BCCL-25-1149 001_001	0.2172	0.2175	0.2088	0.2087	0.213	0.034	1.95	2.09	-1.99	-2.04	185.3814	182.8459	178.2363	175.6970
4	BCCL-25-1150 001_001	0.1265	0.1268	0.1259	0.1264	0.126	0.020	0.08	0.32	-0.40	0.00	182.2454	179.6682	179.9277	177.3049
5	BCCL-25-1151 001_001	0.1594	0.1598	0.1538	0.1541	0.156	0.025	1.67	1.93	-1.90	-1.71	181.1667	178.6685	182.1643	180.0243
6	**BCCL-25-1152 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	179.6908	177.2962	173.7090	171.3696
7	BCCL-25-1153 001_001	0.1228	0.1230	0.1131	0.1136	0.118	0.019	3.96	4.13	-4.25	-3.83	188.3832	185.8422	182.2197	179.6183
8	BCCL-25-1154 001_001	0.1509	0.1514	0.1532	0.1535	0.152	0.025	-0.89	-0.56	0.62	0.82	176.7475	174.2565	173.3858	171.0578
9	BCCL-25-1155 001_001	0.2208	0.2212	0.2153	0.2159	0.218	0.035	1.15	1.33	-1.37	-1.10	182.1142	179.2975	175.9891	173.0107
10	BCCL-25-1171 001_001	0.1041	0.1043	0.1037	0.1035	0.103	0.017	0.19	0.38	-0.19	-0.38	179.5583	176.9364	178.6866	176.4523
11	**BCCL-25-1172 005_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	181.1138	178.5194	178.0638	175.3464
12	**BCCL-25-1177 001_001**	0.0704	0.0707	0.0681	0.0681	0.069	0.011	1.55	1.98	-1.77	-1.77	182.2582	179.6682	184.6945	181.8513
13	BCCL-25-1181 004_001	0.1196	0.1200	0.1208	0.1216	0.120	0.019	-0.75	-0.41	0.25	0.91	182.0017	179.5941	181.8709	178.9718
14	**BCCL-25-1182 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	181.2285	178.6145	175.8588	173.1077
15	BCCL-25-1184 001_001	0.1392	0.1392	0.1373	0.1378	0.138	0.022	0.60	0.60	-0.78	-0.42	186.1980	184.0928	179.5503	176.8962
16	**BCCL-25-1191 010_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	176.0258	173.5553	180.0490	177.3015
17	BCCL-25-1194 001_001	0.1548	0.1545	0.1571	0.1573	0.155	0.025	-0.72	-0.91	0.75	0.88	177.6747	175.3160	181.1618	178.8187
18	**BCCL-25-1195 001_001**	0.0519	0.0520	0.0513	0.0514	0.051	0.008	0.48	0.68	-0.68	-0.48	185.3509	183.1267	179.4957	177.2643
19	BCCL-25-1201 001_001	0.2026	0.2027	0.1971	0.1970	0.199	0.032	1.38	1.43	-1.38	-1.43	176.8373	174.4554	182.9685	180.4848
20	BCCL-25-1221 001_001	0.1279	0.1277	0.1266	0.1264	0.127	0.021	0.59	0.43	-0.43	-0.59	178.4564	176.3155	170.6474	168.6237

IS B was not within +/- 20% of negative, IS will be verified in another batch -KB 8/4/2025

Kayla M. Baylor

Digitally signed by Kayla M. Baylor
Date: 2025.08.05 09:02:54 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20250724-KB **Analyst:** Kayla M. Baylor **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN1227 2201	2/29/2028	S-23-5008U
Cal 2	FN03122112	3/31/2026	S-23-5009F
Cal 3	FN0317 2301	3/31/2028	S-23-5010I
Cal 4	FN0307 2301	3/31/2028	S-23-5011I
Cal 5	FN03132302	3/31/2028	S-23-5012H
Cal 6	FN03052102	3/31/2026	S-23-5013I
Cal 7	FN0626 2004	7/31/2025	S-23-5014J
High QC	12052023-B	~~3~~/31/2028 S-KB 8/4/2025	S-24-5080F
Low QC	1-H1455466WA	4/8/2029	S-25-5073A
Blood QC A	2401241	2/28/2028	S-24-5002I
Blood QC B	2302120	5/31/2027	S-24-5003I
Internal Standard	N/A	8/1/2025	R-25-5001
Pipette(s)	5053, 205L		

Comments:

Verifying internal standard ~~lot~~ inventory number R-25-5030 exp: 1/23/2026 KB 7/25/2025
-KB 7/25/2025

KB

BAC-20250724-KB **BCCL ANALYTICAL WORKLIST**

ANALYST: Kayla Baylor

Worklist ID: N740K15JYV5V89

Case #	Evid #	Evid Type	Service
BCCL-25-1144	001_001	Blood	Alcohol
BCCL-25-1145	001_001	Blood	Alcohol
BCCL-25-1149	001_001	Blood	Alcohol
BCCL-25-1150	001_001	Blood	Alcohol
BCCL-25-1151	001_001	Blood	Alcohol
BCCL-25-1152	001_001	Blood	Alcohol
BCCL-25-1153	001_001	Blood	Alcohol
BCCL-25-1154	001_001	Blood	Alcohol
BCCL-25-1155	001_001	Blood	Alcohol
BCCL-25-1171	001_001	Blood	Alcohol
BCCL-25-1172	005_001	Blood	Alcohol
BCCL-25-1177	001_001	Blood	Alcohol
BCCL-25-1181	004_001	Blood	Alcohol

KB

BAC-20250724-KB

Case #	Evid #	Evid Type	Service
BCCL-25-1182	001_001	Blood	Alcohol
BCCL-25-1184	001_001	Blood	Alcohol
BCCL-25-1191	010_001	Blood	Alcohol
BCCL-25-1194	001_001	Blood	Alcohol
BCCL-25-1195	001_001	Blood	Alcohol
BCCL-25-1201	001_001	Blood	Alcohol
BCCL-25-1221	001_001	Blood	Alcohol

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S
Operator : Kayla M. Baylor
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:

sequence verified
7/24/2025 mh

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-1080)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1

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Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (25-1081)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2

==========

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (25-1082)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3

==========

Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (25-1083)
Method Name : BAC
Sample Type : Calibration

KB

Calibration Level : 4

Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (25-1084)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (25-1085)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (25-1086)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

Line : 8
Location : 8
Sample Information :
Sample Name : Negative (25-1087)
Method Name : BAC
Sample Type : Sample

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-1088)
Method Name : BAC
Sample Type : Sample

Line : 10
Location : 10
Sample Information :

KB

Sample Name : Low QC (25-1089)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-1090)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-25-1144 001_001 (25-1091)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-1145 001_001 (25-1092)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-25-1149 001_001 (25-1093)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-1150 001_001 (25-1094)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S

Sample Name : BCCL-25-1151 001_001 (25-1095)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-1152 001_001 (25-1096)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-1153 001_001 (25-1097)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-1154 001_001 (25-1098)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-25-1155 001_001 (25-1099)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-1171 001_001 (25-1100)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

KB

Sample Name : Blood QC B (~~25-0810~~) (25-1101)
Method Name : BAC KB 8/5/2025
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-1172 005_001 (25-1102)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-1177 001_001 (25-1103)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-1181 004_001 (25-1104)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-25-1182 001_001 (25-1105)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-1184 001_001 (25-1106)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S

Sample Name : BCCL-25-1191 010_001 (25-1107)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-1194 001_001 (25-1108)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-1195 001_001 (25-1109)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-1201 001_001 (25-1110)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-25-1221 001_001 (25-1111)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-1112)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S

Sample Name : BCCL-25-1221 001_001 (25-1113)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-25-1201 001_001 (25-1114)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-25-1195 001_001 (25-1115)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-25-1194 001_001 (25-1116)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq 2
Sample Name : BCCL-25-1191 010_001 (25-1117)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-25-1184 001_001 (25-1118)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S

Sample Name : BCCL-25-1182 001_001 (25-1119)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-25-1181 004_001 (25-1120)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-25-1177 001_001 (25-1121)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-25-1172 005_001 (25-1122)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (25-1123)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-1171 001_001 (25-1124)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S

Sample Name : BCCL-25-1155 001_001 (25-1125)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-1154 001_001 (25-1126)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-1153 001_001 (25-1127)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-1152 001_001 (25-1128)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-25-1151 001_001 (25-1129)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-1150 001_001 (25-1130)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S

Sample Name : BCCL-25-1149 001_001 (25-1131)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-1145 001_001 (25-1132)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-25-1144 001_001 (25-1133)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information :
Sample Name : IS A (25-1139)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information :
Sample Name : IS B (25-1138)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information :
Sample Name : Blood QC A (25-1134)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information :

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250724_KB.S

Sample Name : High QC (25-1135)
Method Name : BAC
Sample Type : Sample

Line : 59
Location : 59
Sample Information :
Sample Name : Low QC (25-1136)
Method Name : BAC
Sample Type : Sample

Line : 60
Location : 60
Sample Information :
Sample Name : DI Water (25-1137)
Method Name : BAC
Sample Type : Sample

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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

Agilent 7890A

GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven

Equilibration Time	3 min
Max Temperature	260 °C
Maximum Temperature Override	Disabled
Slow Fan	Disabled
Temperature	
Setpoint	On
(Initial)	40 °C
Hold Time	4 min
Post Run	50 °C

Front SS Inlet He

Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 79.947 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min

Column

Column Outlet Pressure	0 psi
Column #1	
Column Information	Agilent 123-9134
DB-ALC1	
Temperature Range	-60 °C—260 °C (260 °C)
Dimensions	30 m x 320 µm x 1.8 µm
In	Front SS Inlet He
Out	Front Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	6.9952 mL/min
Average Velocity	80.325 cm/sec
Holdup Time	0.62247 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi

Column #2

Column Information	Agilent 123-9234
DB-ALC2	
Temperature Range	-60 °C—260 °C (260 °C)

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

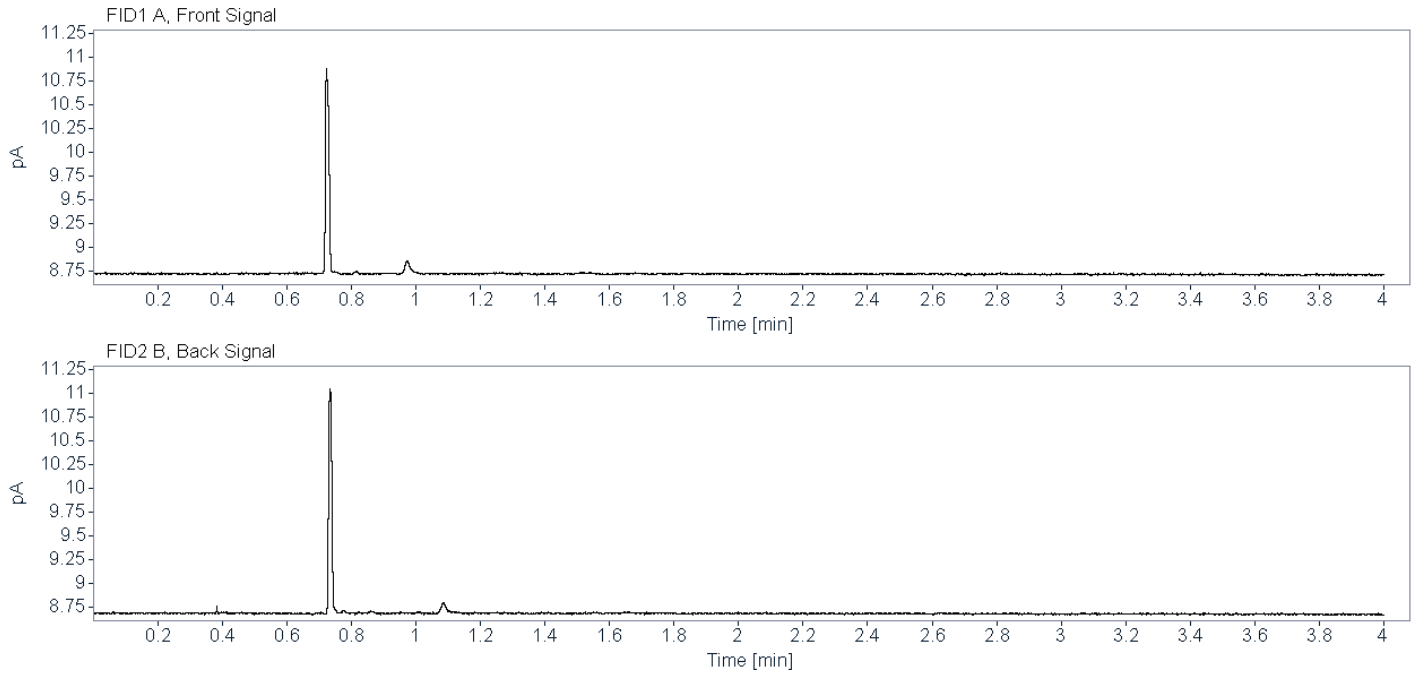
Apply Method's Manual Integration Events: No

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

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

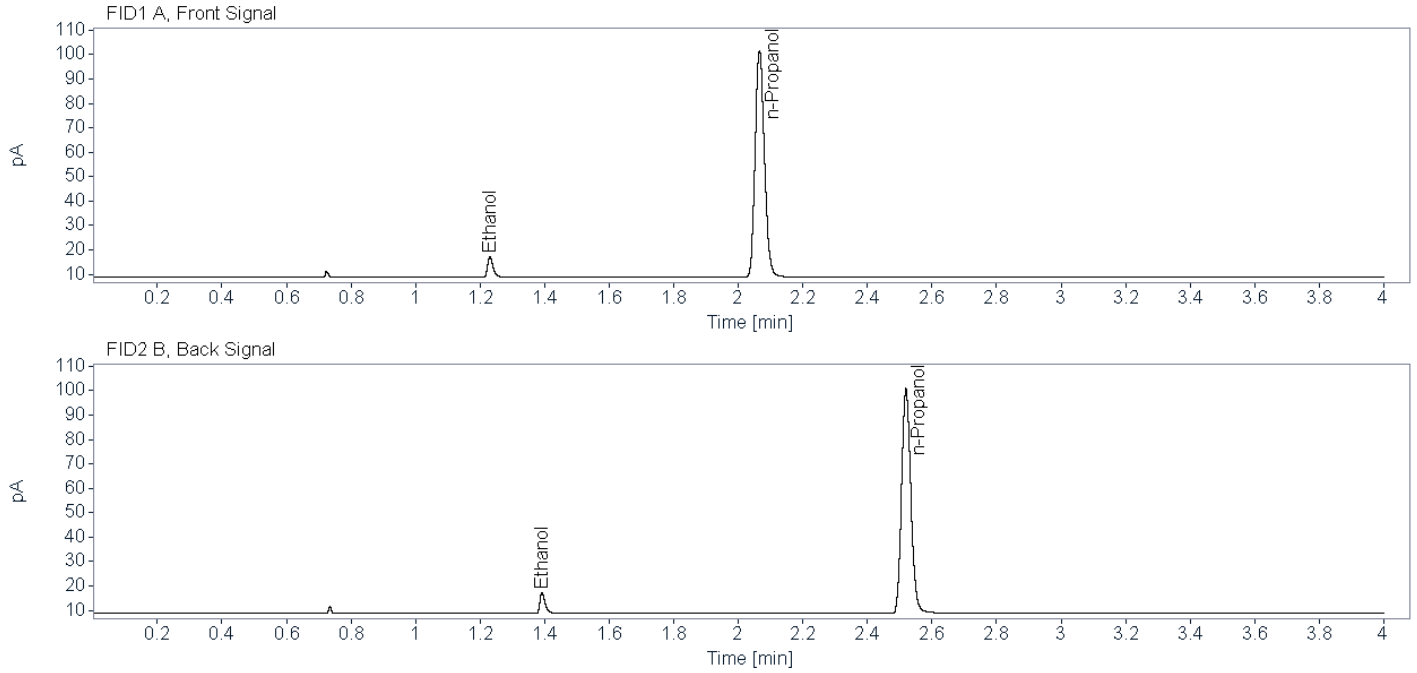
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 8:36:54 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250724PC_KB 2025-07-24 08-26-56\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 8:41:37 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250724PC_KB 2025-07-24 08-26-56\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69633	1.231	1.231	9.7893	0.0107
n-Propanol	0.83035	2.066	2.066	185.6153	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.65368	1.392	1.392	9.6222	0.0106
n-Propanol	0.84130	2.520	2.520	183.4222	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 7/25/2025 6:43:46 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
1.225	1	1	1.00000e-2	9.45538	1.05760e-3	No	No	1	Ethanol
		2	2.50000e-2	24.32650	1.02769e-3				
		3	5.00000e-2	48.14977	1.03843e-3				
		4	1.00000e-1	101.03912	9.89716e-4				
		5	2.00000e-1	209.63510	9.54039e-4				
		6	4.00000e-1	421.74506	9.48440e-4				
		7	5.00000e-1	511.88889	9.76774e-4				
1.386	2	1	1.00000e-2	9.35085	1.06942e-3	No	No	2	Ethanol
		2	2.50000e-2	24.04512	1.03971e-3				
		3	5.00000e-2	47.89069	1.04404e-3				
		4	1.00000e-1	100.60677	9.93969e-4				
		5	2.00000e-1	208.69064	9.58356e-4				
		6	4.00000e-1	419.52017	9.53470e-4				
		7	5.00000e-1	509.58145	9.81197e-4				
2.066	1	1	1.00000e-2	179.83029	5.56080e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	179.35519	5.57553e-5				
		3	1.00000e-2	176.50722	5.66549e-5				
		4	1.00000e-2	181.17052	5.51966e-5				
		5	1.00000e-2	185.12816	5.40166e-5				
		6	1.00000e-2	184.21658	5.42839e-5				
		7	1.00000e-2	179.63029	5.56699e-5				
2.520	2	1	1.00000e-2	177.77858	5.62497e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	176.92592	5.65208e-5				
		3	1.00000e-2	174.06079	5.74512e-5				
		4	1.00000e-2	178.82423	5.59208e-5				
		5	1.00000e-2	182.60667	5.47625e-5				
		6	1.00000e-2	181.64149	5.50535e-5				
		7	1.00000e-2	177.07603	5.64729e-5				

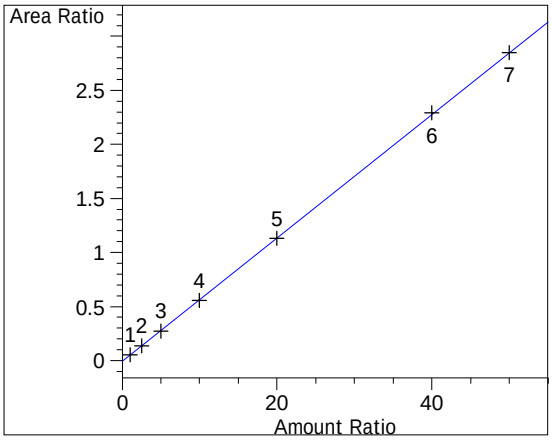
Peak Sum Table

No Entries in table

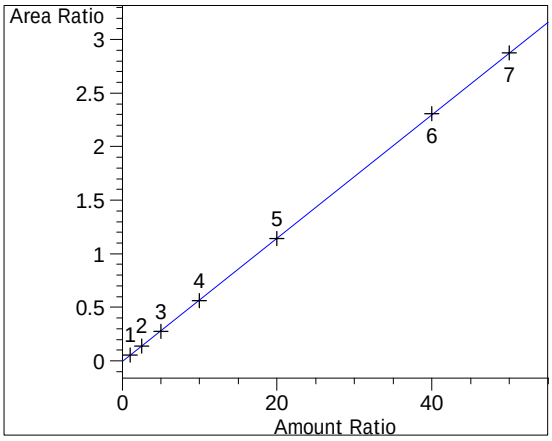
1 Warnings or Errors :

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

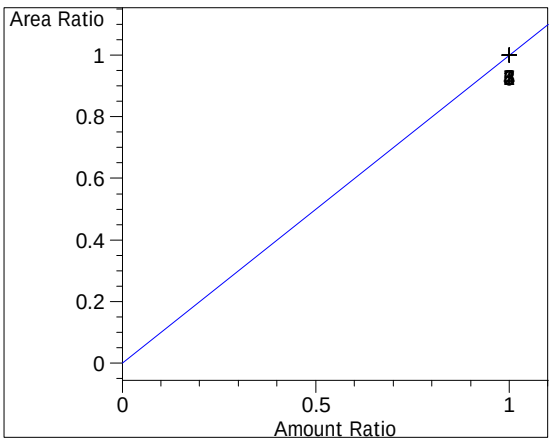
Calibration Curves



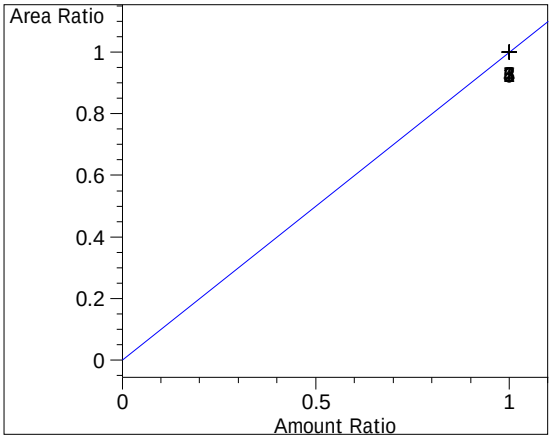
Ethanol at exp. RT: 1.225
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00722
Formula: y = mx + b
m: 5.70778e-2
b: -6.38621e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.387659
Level 3 : 0.192746
Level 4 : 0.094279
Level 5 : 0.046433
Level 6 : 0.022966
Level 7 : 0.018451



Ethanol at exp. RT: 1.386
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00686
Formula: y = mx + b
m: 5.76290e-2
b: -7.03484e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.387022
Level 3 : 0.191171
Level 4 : 0.093491
Level 5 : 0.046024
Level 6 : 0.022774
Level 7 : 0.018278



n-Propanol at exp. RT: 2.066
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

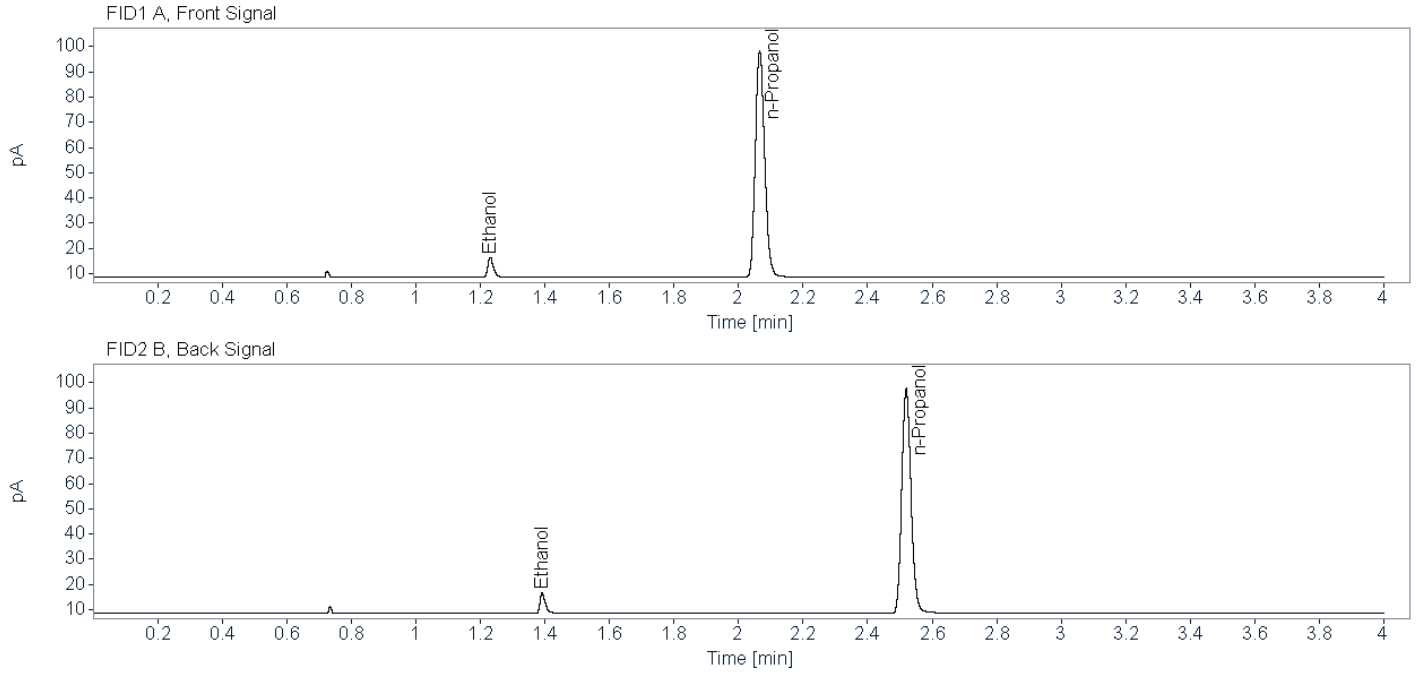


n-Propanol at exp. RT: 2.520
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-1080) **Description:** **Sample Barcode** 25-1080 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 2:20:02 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\001F0101.D



Name FID1A

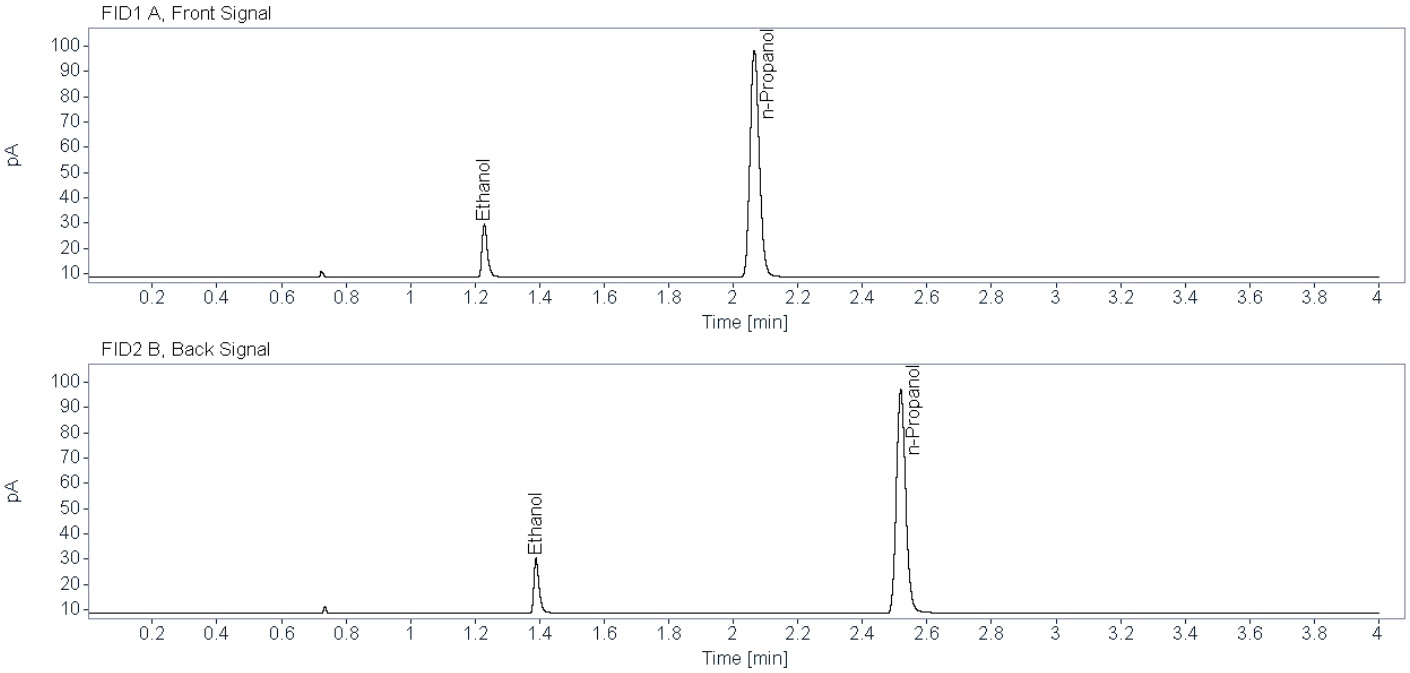
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69746	1.231	1.231	9.4554	0.0103
n-Propanol	0.83114	2.066	2.066	179.8303	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.64755	1.392	1.392	9.3509	0.0103
n-Propanol	0.84114	2.519	2.519	177.7786	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-1081) **Description:** **Sample Barcode** 25-1081 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 2:24:45 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\002F0201.D



Name FID1A

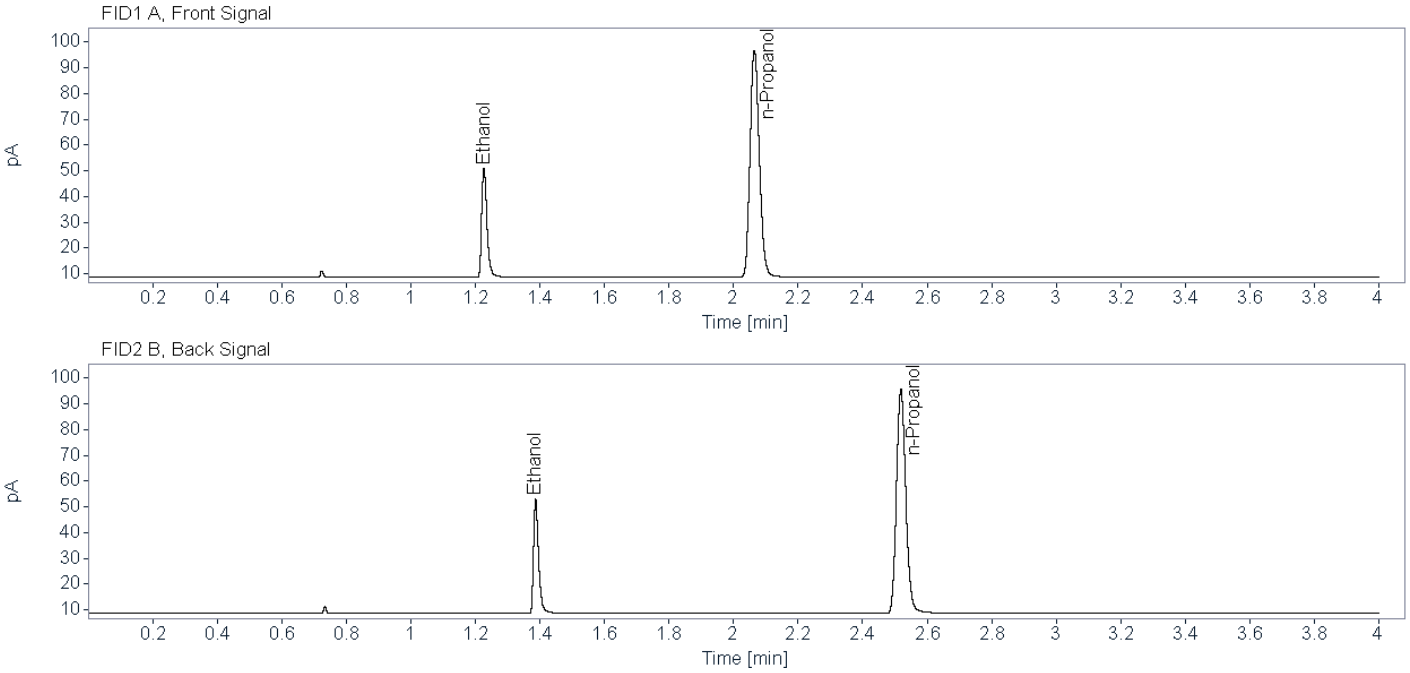
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70065	1.229	1.229	24.3265	0.0249
n-Propanol	0.84128	2.065	2.065	179.3552	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.65743	1.389	1.389	24.0451	0.0248
n-Propanol	0.84408	2.519	2.519	176.9259	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-1082) **Description:** **Sample Barcode** 25-1082 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 2:30:26 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\003F0301.D



Name FID1A

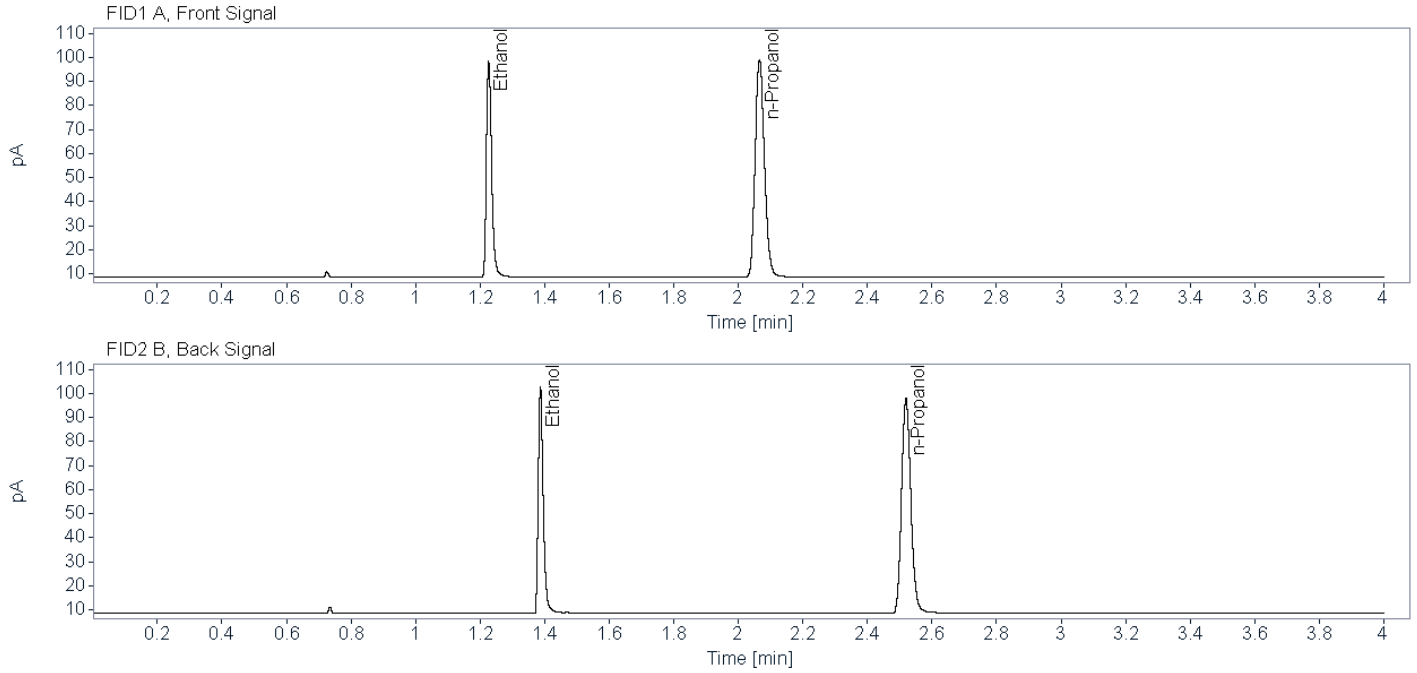
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71917	1.227	1.227	48.1498	0.0489
n-Propanol	0.82991	2.065	2.065	176.5072	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68570	1.387	1.387	47.8907	0.0490
n-Propanol	0.83400	2.518	2.518	174.0608	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-1083) **Description:** **Sample Barcode** 25-1083 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 2:35:10 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\004F0401.D



Name FID1A

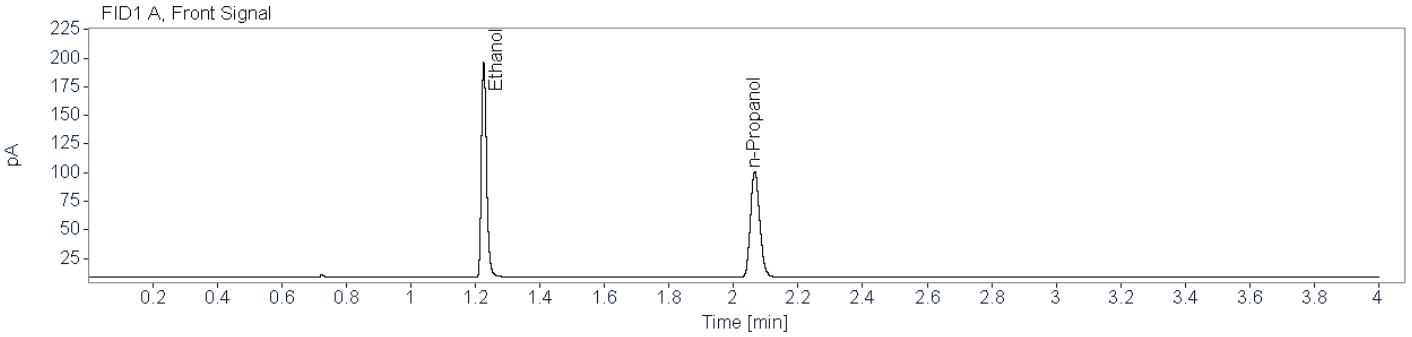
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73192	1.227	1.227	101.0391	0.0988
n-Propanol	0.82248	2.066	2.066	181.1705	0.0100

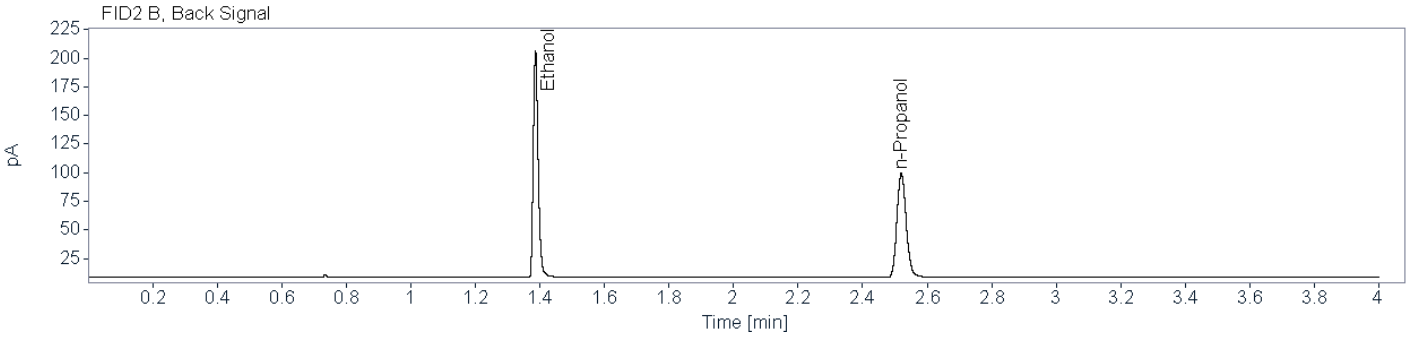
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70145	1.387	1.387	100.6068	0.0988
n-Propanol	0.83533	2.520	2.520	178.8242	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-1084) **Description:** **Sample Barcode** 25-1084 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 2:40:50 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\005F0501.D





Name FID1A

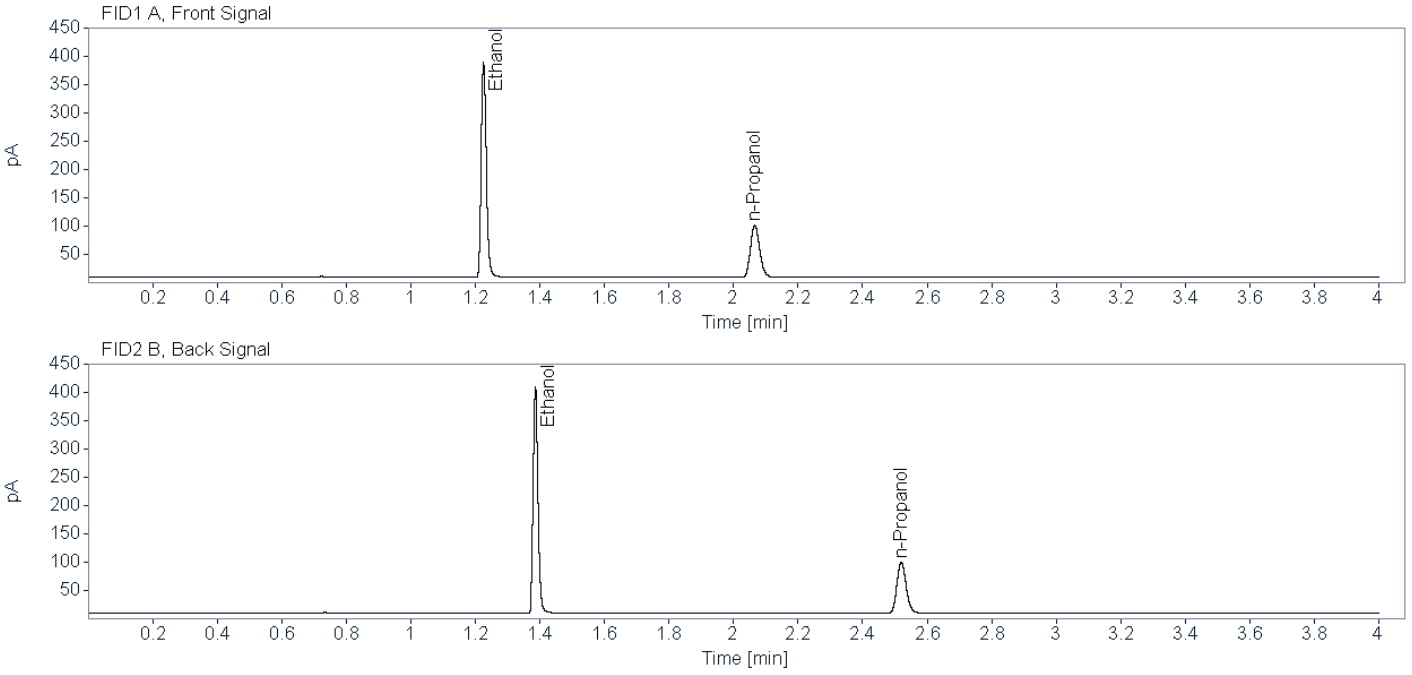
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76158	1.226	1.226	209.6351	0.1995
n-Propanol	0.82674	2.066	2.066	185.1282	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75176	1.386	1.386	208.6906	0.1995
n-Propanol	0.84138	2.520	2.520	182.6067	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-1085) **Description:** **Sample Barcode** 25-1085 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 2:45:34 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\006F0601.D



Name FID1A

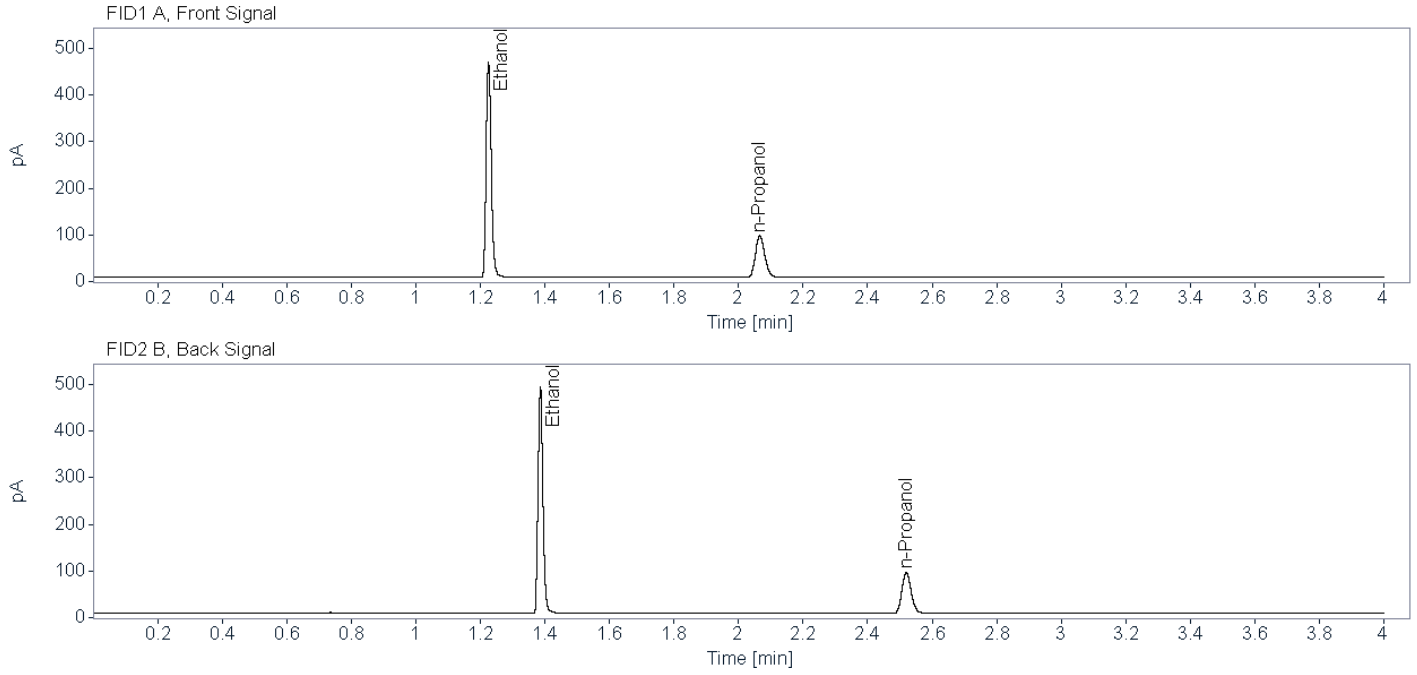
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80296	1.225	1.225	421.7451	0.4022
n-Propanol	0.82488	2.066	2.066	184.2166	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80482	1.386	1.386	419.5202	0.4020
n-Propanol	0.83869	2.520	2.520	181.6415	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-1086) **Description:** **Sample Barcode** 25-1086 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 2:51:15 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\007F0701.D



Name FID1A

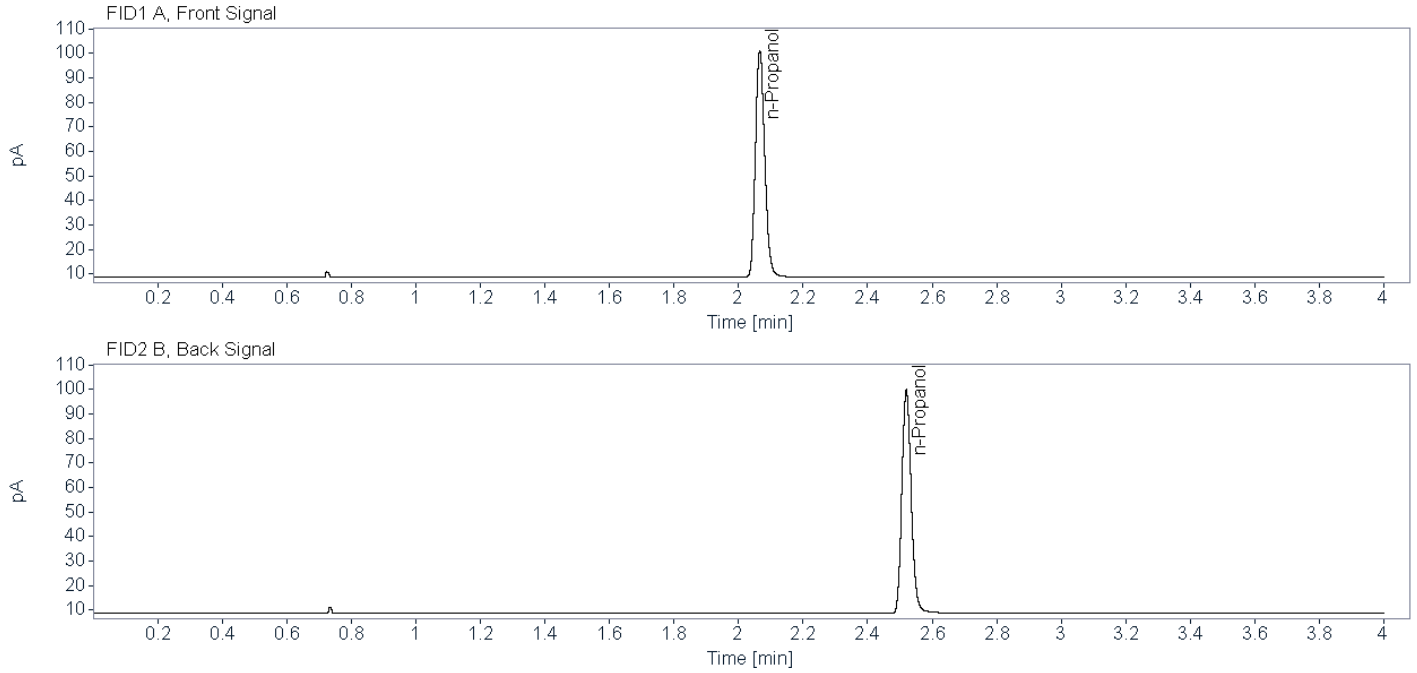
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81245	1.225	1.225	511.8889	0.5004
n-Propanol	0.82470	2.066	2.066	179.6303	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82380	1.386	1.386	509.5815	0.5006
n-Propanol	0.83565	2.520	2.520	177.0760	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-1087) **Description:** **Sample Barcode** 25-1087 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 2:55:58 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\008F0801.D



Name FID1A

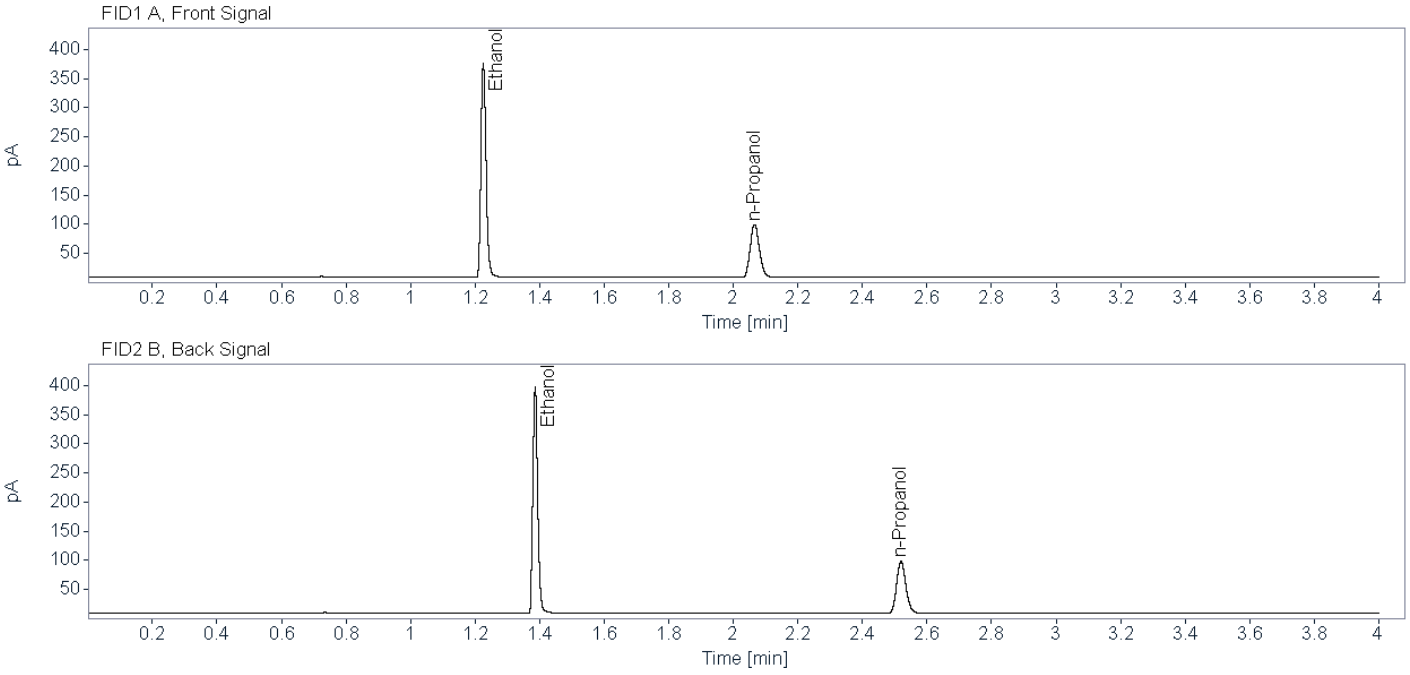
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82756	2.066	2.066	185.6235	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84081	2.520	2.520	183.0556	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-1088) **Description:** **Sample Barcode** 25-1088 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:01:39 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\009F0901.D



Name FID1A

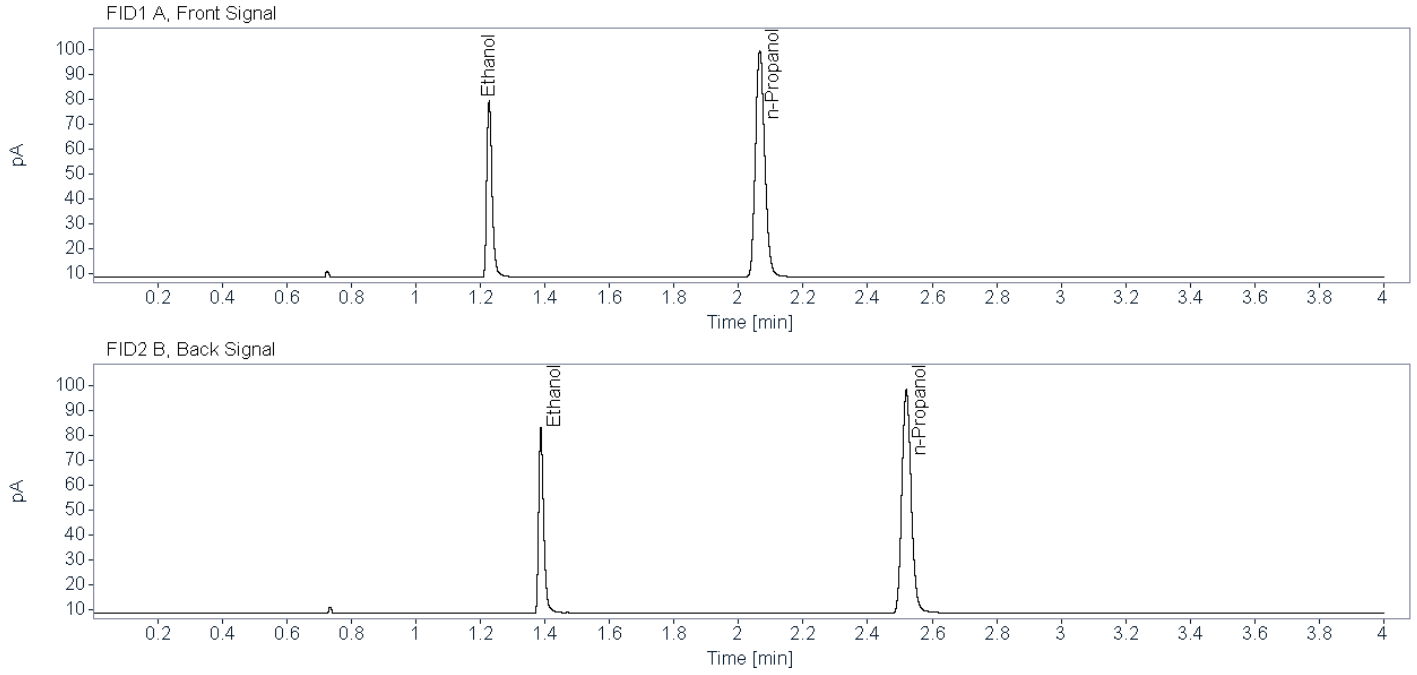
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79745	1.225	1.225	409.8516	0.3950
n-Propanol	0.82289	2.066	2.066	182.2995	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80562	1.386	1.386	408.6413	0.3954
n-Propanol	0.83552	2.520	2.520	179.8762	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-1089) **Description:** **Sample Barcode** 25-1089 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:06:22 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\010F1001.D



Name FID1A

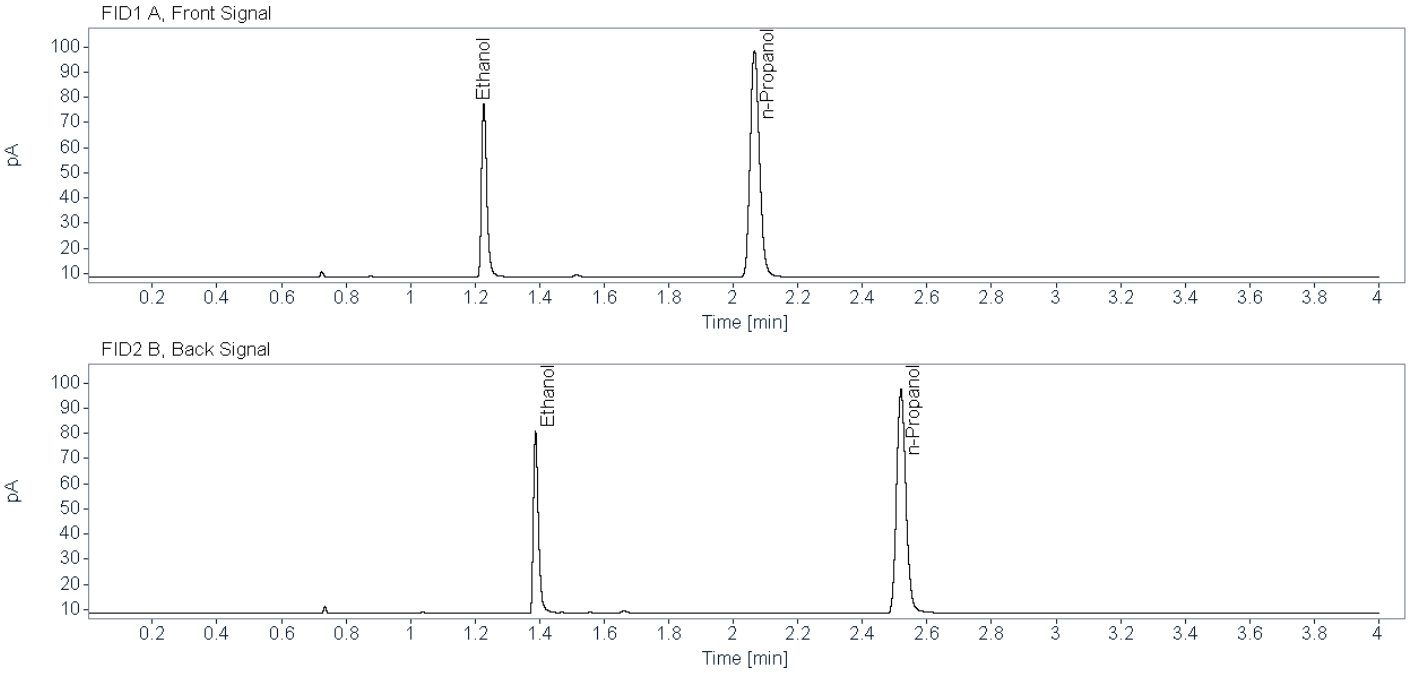
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72298	1.227	1.225	80.3343	0.0784
n-Propanol	0.82390	2.066	2.066	182.2126	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69685	1.388	1.386	79.7876	0.0783
n-Propanol	0.84032	2.520	2.520	179.5939	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1090) **Description:** **Sample Barcode** 25-1090 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:12:03 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\011F1101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72131	1.227	1.225	78.1571	0.0770
n-Propanol	0.82055	2.066	2.066	180.4339	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69777	1.388	1.386	77.8417	0.0771
n-Propanol	0.82913	2.520	2.520	178.0827	0.0100

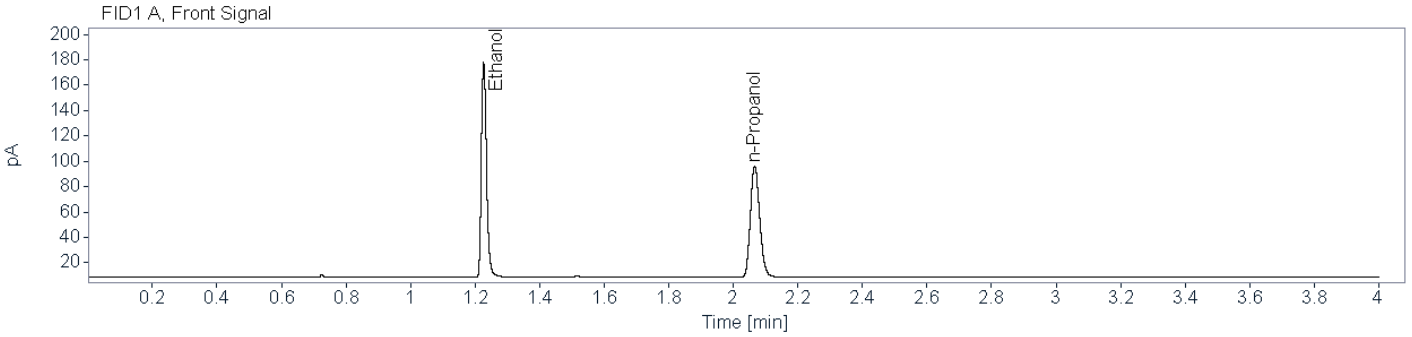
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

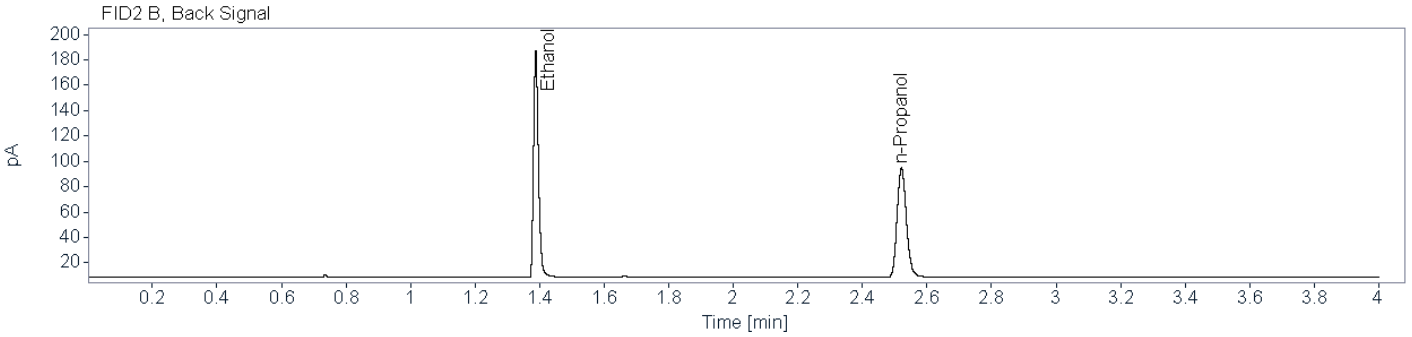
KB 8/7/2025

Sample Name: Blood QC B (~~25-0810~~) (25-1101) **Description:** **Sample Barcode** 25-1101 **Vial Number:** 22

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:08:45 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\022F2201.D





Name FID1A

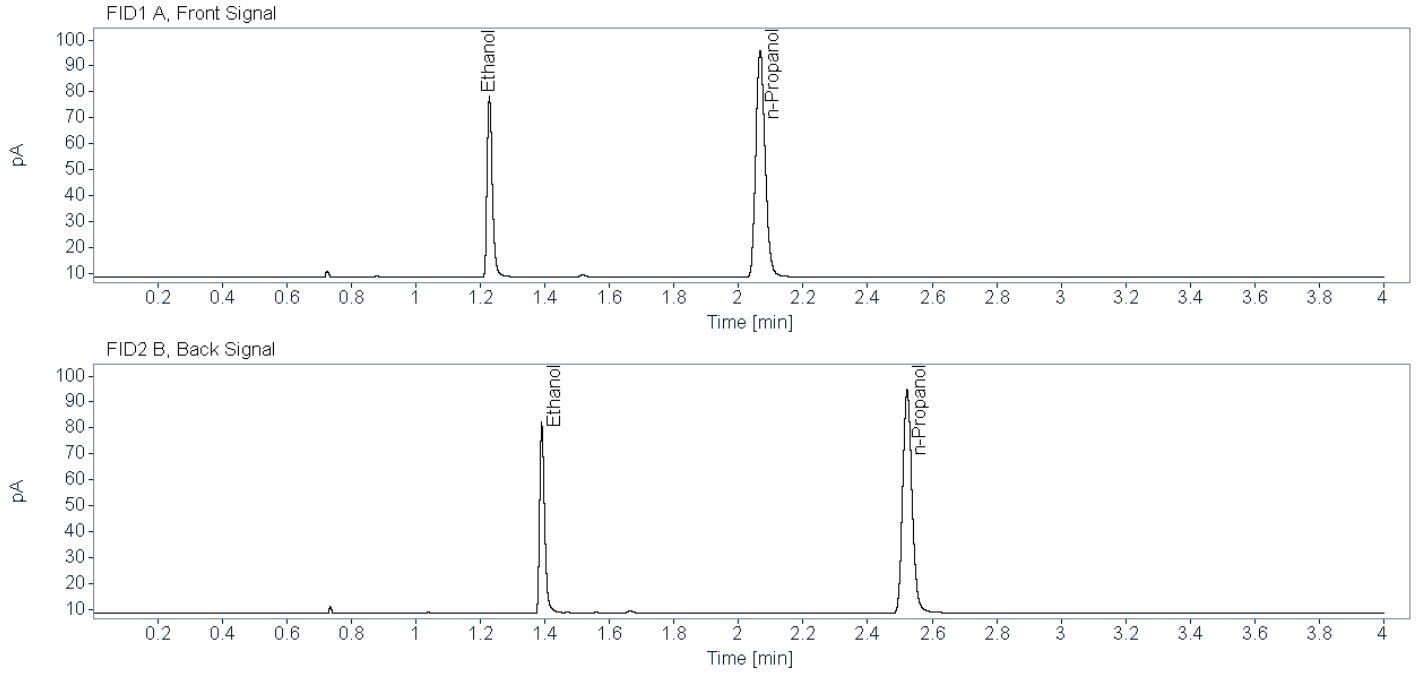
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75362	1.227	1.225	188.9599	0.1894
n-Propanol	0.81764	2.067	2.066	175.8766	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76274	1.388	1.386	188.3617	0.1900
n-Propanol	0.83510	2.521	2.520	173.1796	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1112) **Description:** **Sample Barcode** 25-1112 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:06:26 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\033F3301.D



Name FID1A

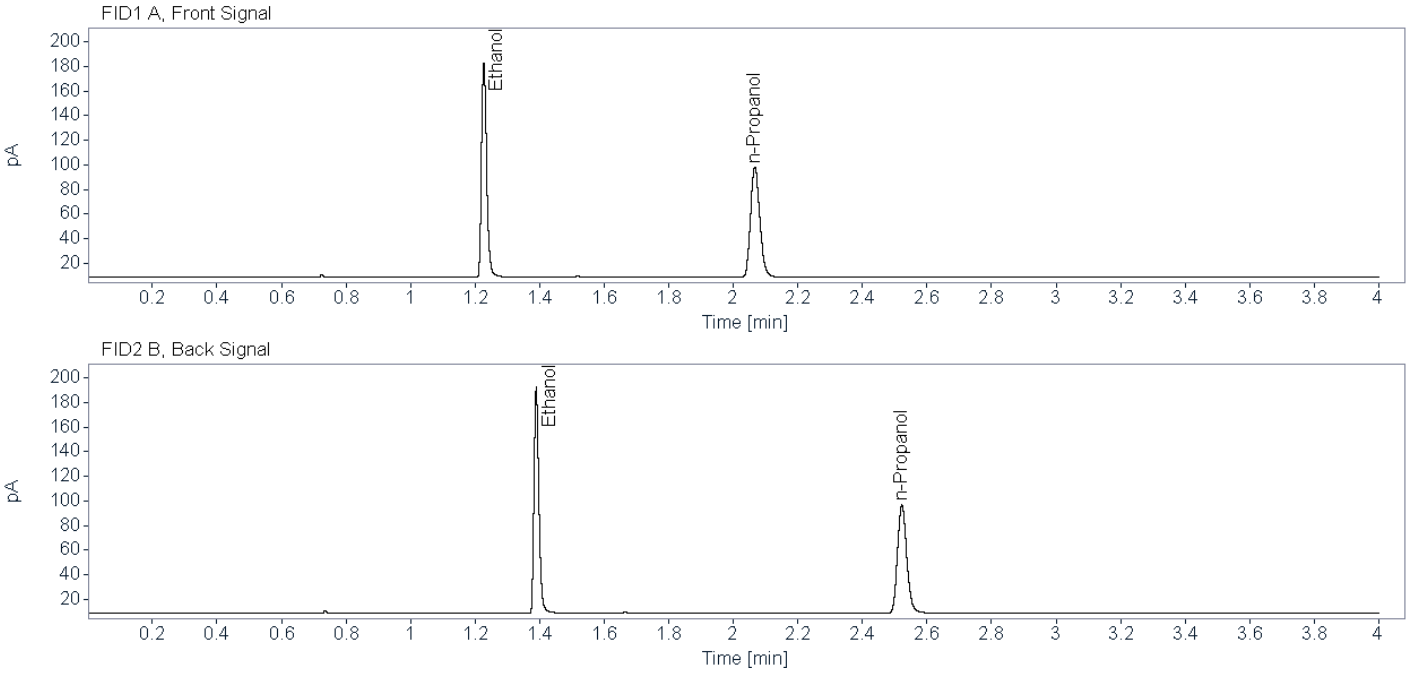
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72942	1.228	1.225	78.8717	0.0800
n-Propanol	0.82509	2.067	2.066	175.1583	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71059	1.390	1.386	78.6173	0.0802
n-Propanol	0.82709	2.522	2.520	172.6531	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-1123) **Description:** **Sample Barcode** 25-1123 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:03:09 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\044F4401.D



Name FID1A

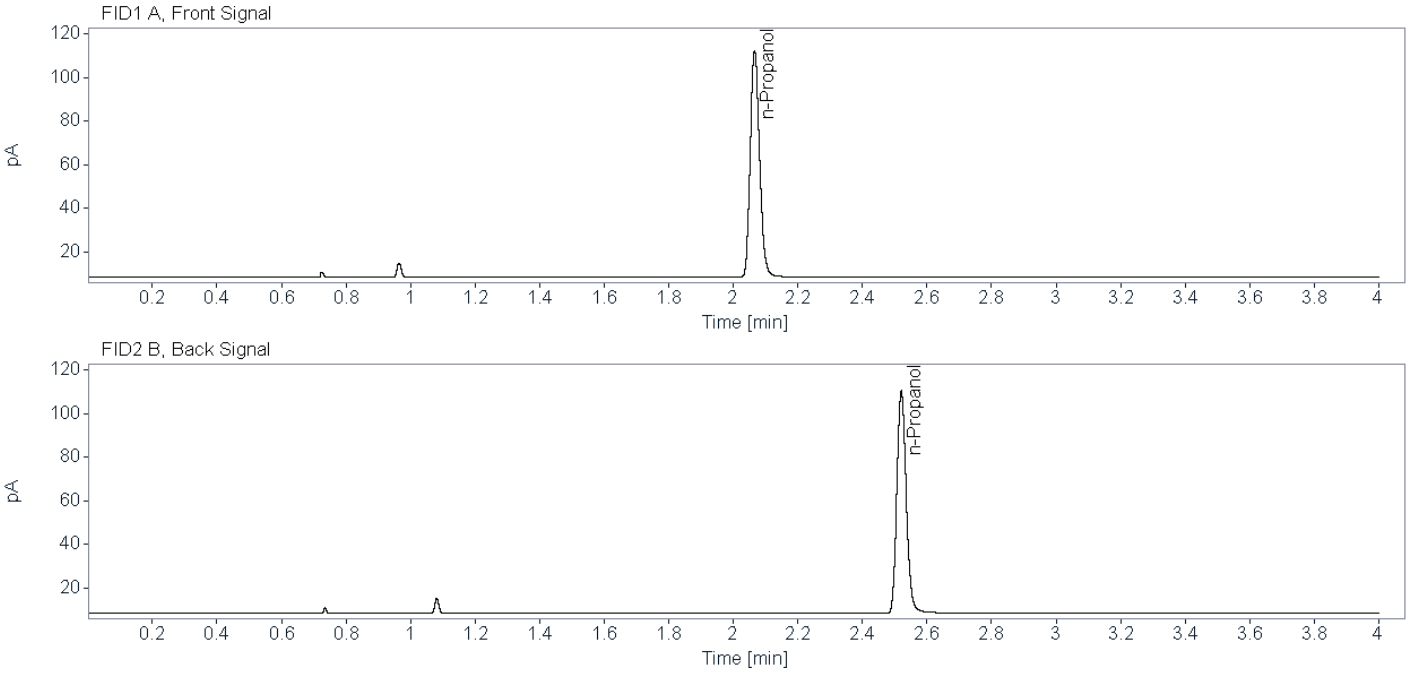
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75685	1.227	1.225	193.9641	0.1906
n-Propanol	0.81593	2.067	2.066	179.3714	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75075	1.389	1.386	193.8002	0.1914
n-Propanol	0.83309	2.522	2.520	176.7913	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: IS A (25-1139) **Description:** **Sample Barcode** 25-1139 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 7:00:50 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\055F5501.D



Name FID1A

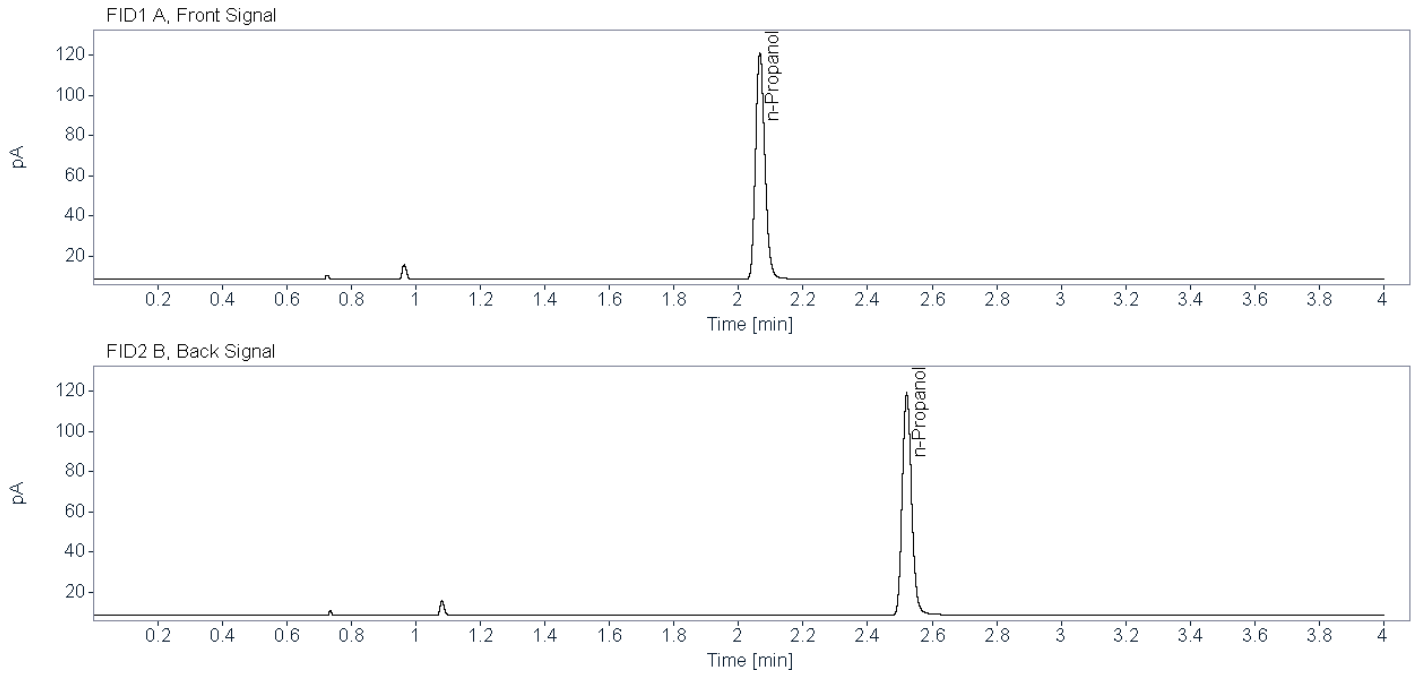
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81893	2.066	2.066	208.0453	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83883	2.521	2.520	204.8066	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: IS B (25-1138) **Description:** **Sample Barcode** 25-1138 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 7:05:34 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82444	2.066	2.066	226.0478	0.0100

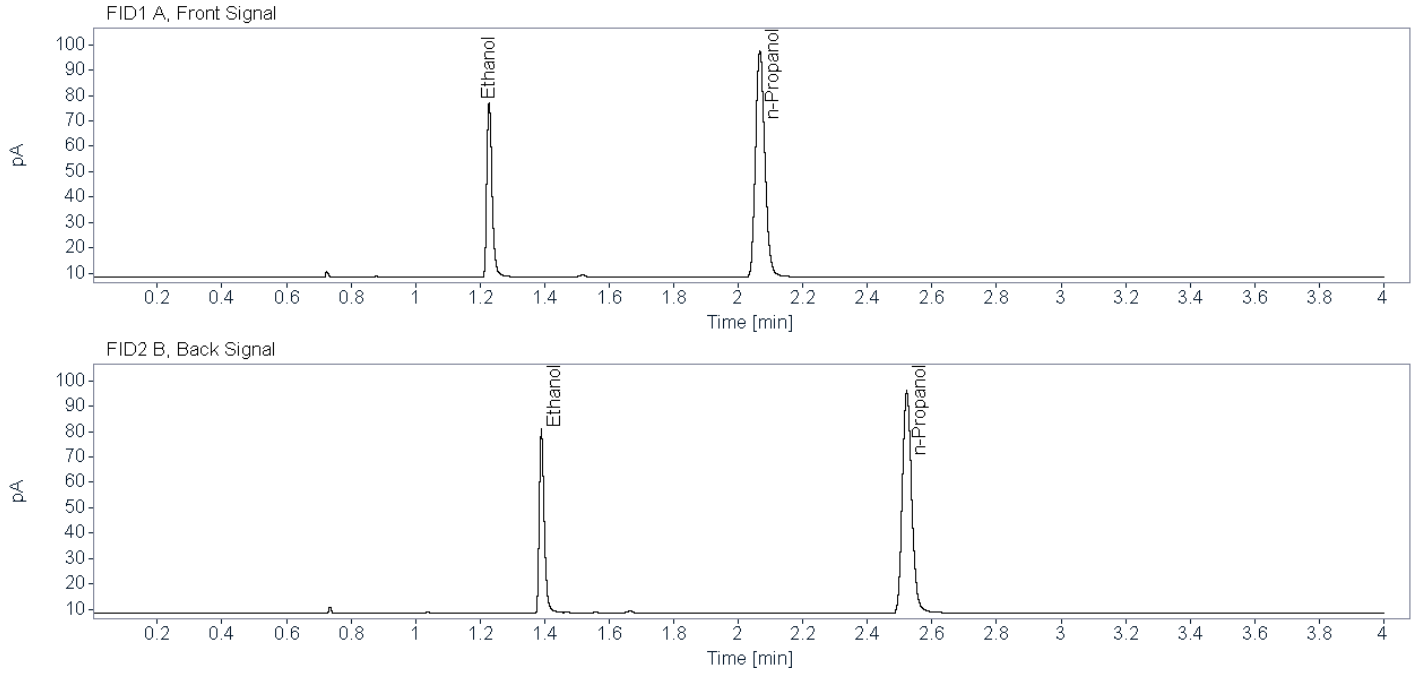
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85454	2.521	2.520	222.8252	0.0100

Not within +/- 20% of negative, IS will be verified in another batch -KB 8/4/2025

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1134) **Description:** **Sample Barcode** 25-1134 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 7:11:14 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\057F5701.D



Name FID1A

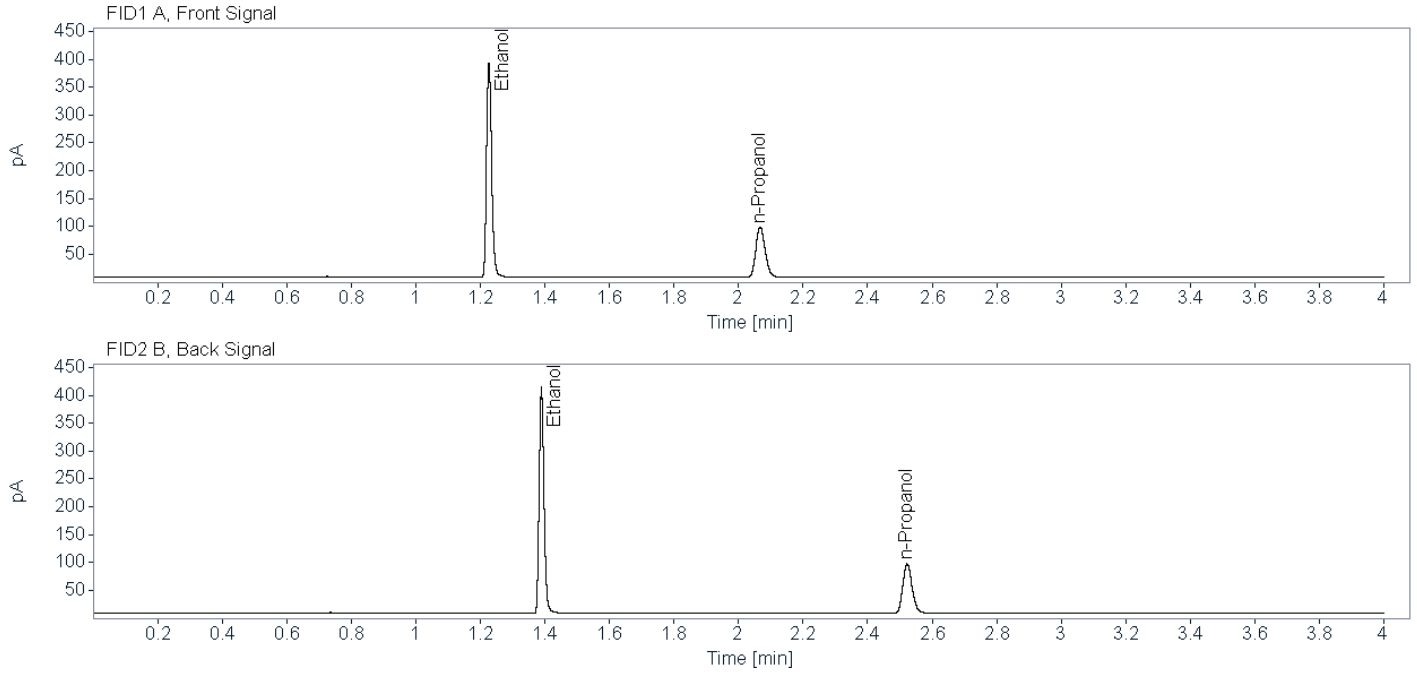
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72054	1.228	1.225	77.7955	0.0774
n-Propanol	0.81525	2.067	2.066	178.7926	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68590	1.390	1.386	77.4805	0.0774
n-Propanol	0.83992	2.522	2.520	176.4484	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-1135) **Description:** **Sample Barcode** **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 7:15:58 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\058F5801.D



Name FID1A

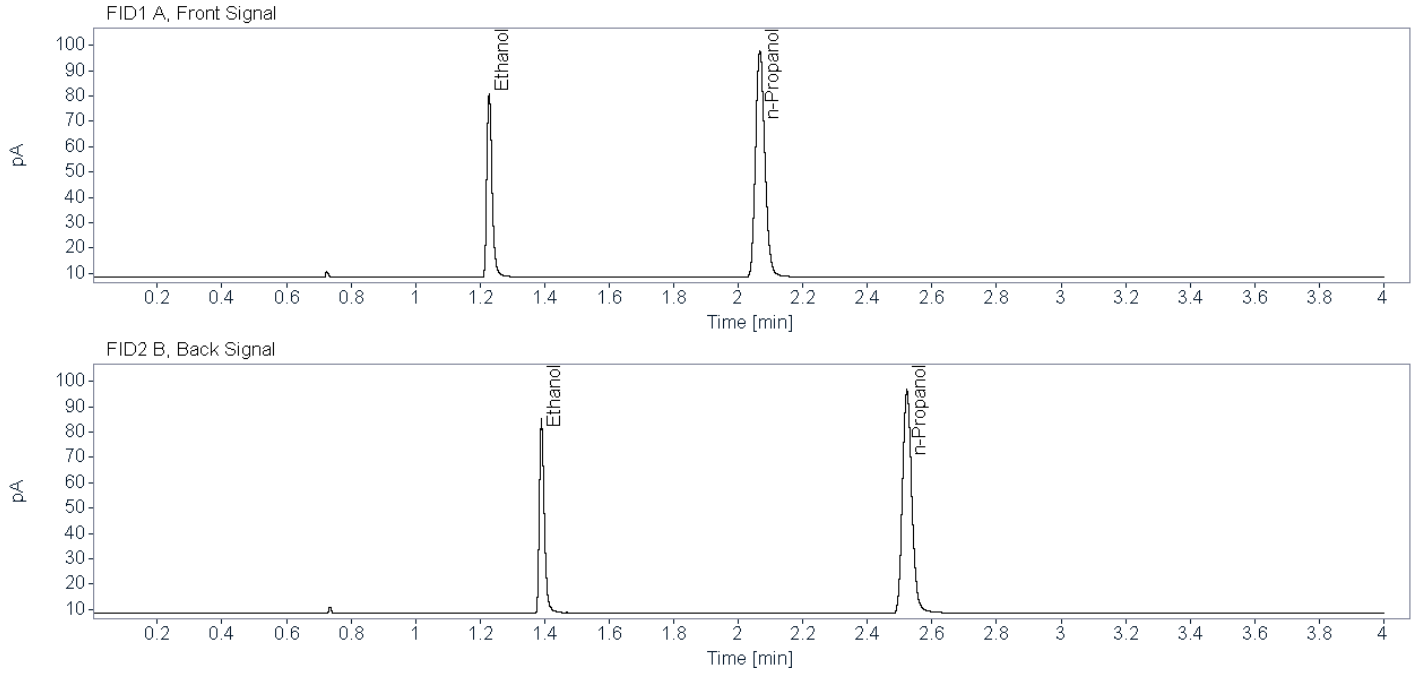
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80070	1.227	1.225	425.5929	0.4118
n-Propanol	0.82300	2.067	2.066	181.5702	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80493	1.389	1.386	423.7107	0.4122
n-Propanol	0.82628	2.522	2.520	178.9000	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-1136) **Description:** **Sample Barcode** 25-1136 **Vial Number:** 59
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 7:21:39 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\059F5901.D



Name FID1A

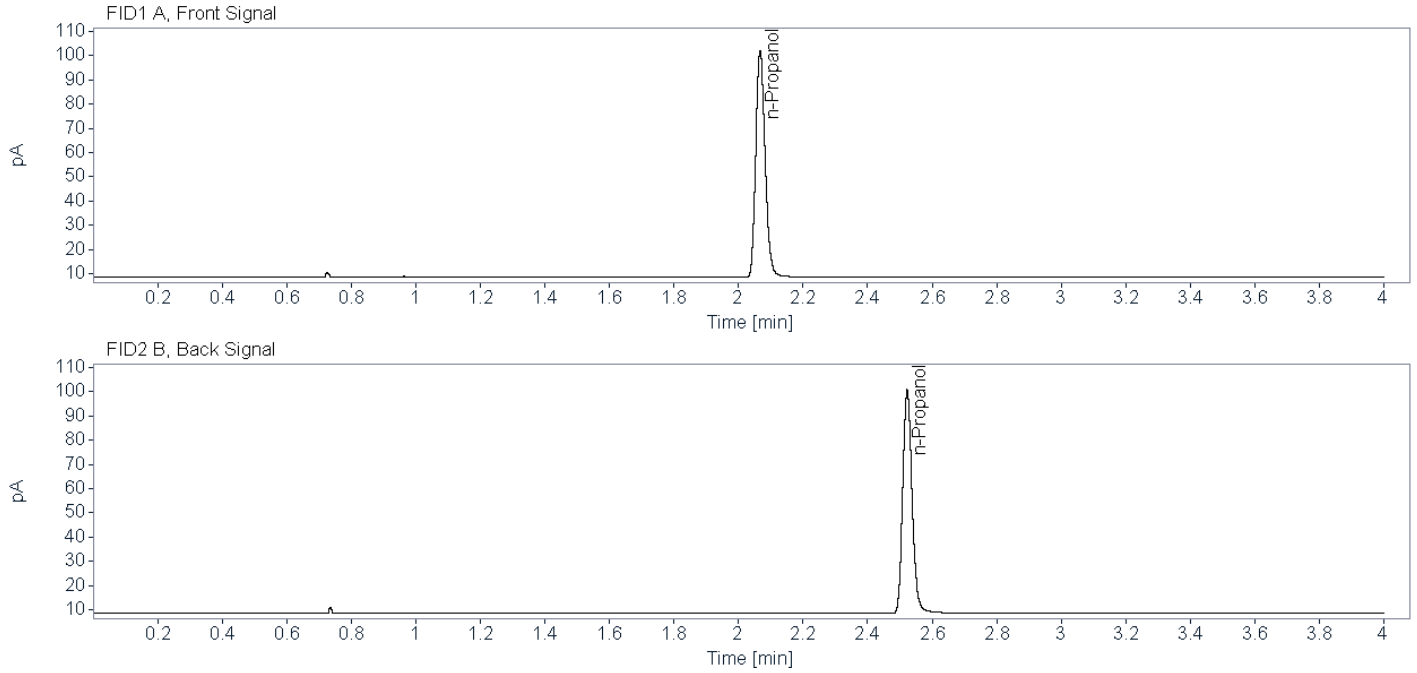
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72286	1.228	1.225	81.6900	0.0810
n-Propanol	0.81324	2.067	2.066	179.2538	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68980	1.390	1.386	81.5189	0.0813
n-Propanol	0.82236	2.522	2.520	176.5736	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-1137) **Description:** **Sample Barcode** 25-1137 **Vial Number:** 60
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 7:26:21 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82186	2.067	2.066	187.5546	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82628	2.522	2.520	184.8599	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1144 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1820	Aliquot 1:	0.1819
	Aliquot 2:	0.1725	Aliquot 2:	0.1727

Reported Result: 0.177 g/100 mL

Reported UM: 0.029 g/100 mL

Comments:

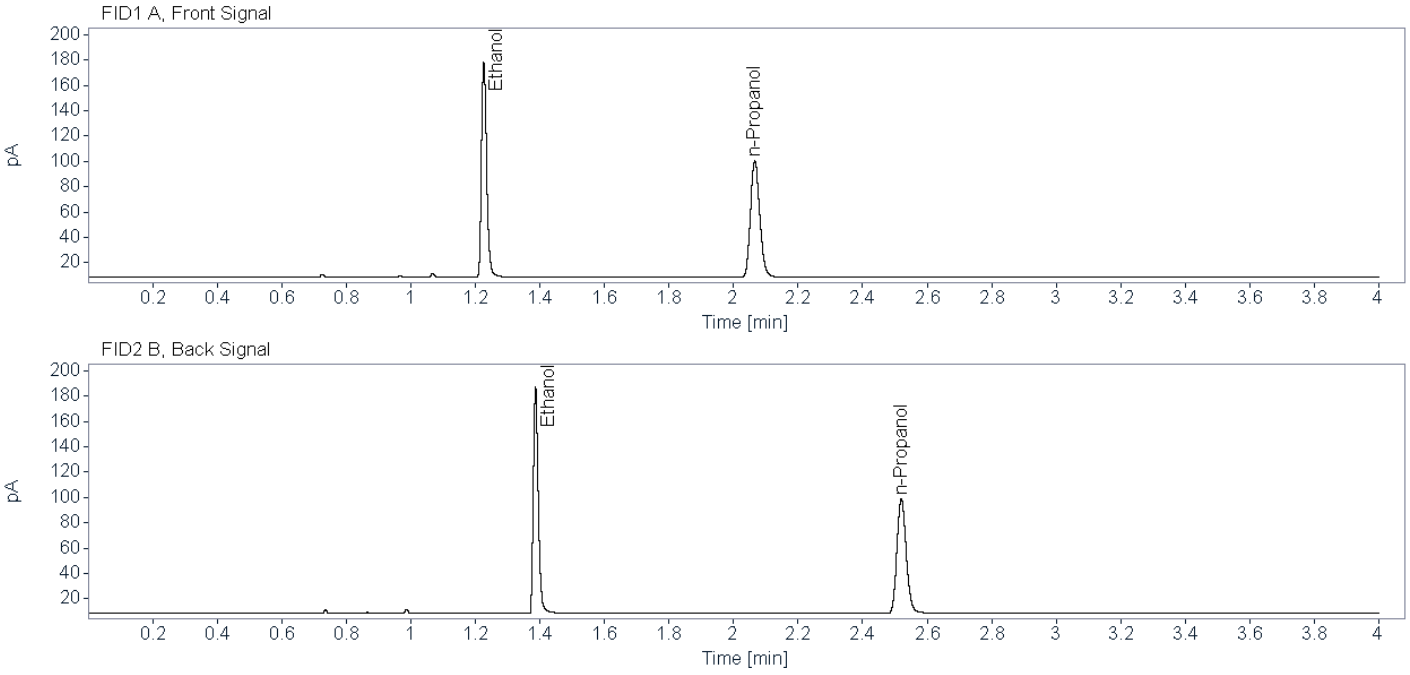
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1144 001_001 (25-1091) **Description:** Alq 1 **Sample Barcode** 25-1091 **Vial Number:** 12

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:16:45 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75650	1.226	1.225	190.1217	0.1820
n-Propanol	0.82656	2.066	2.066	184.1364	0.0100

Name FID2B

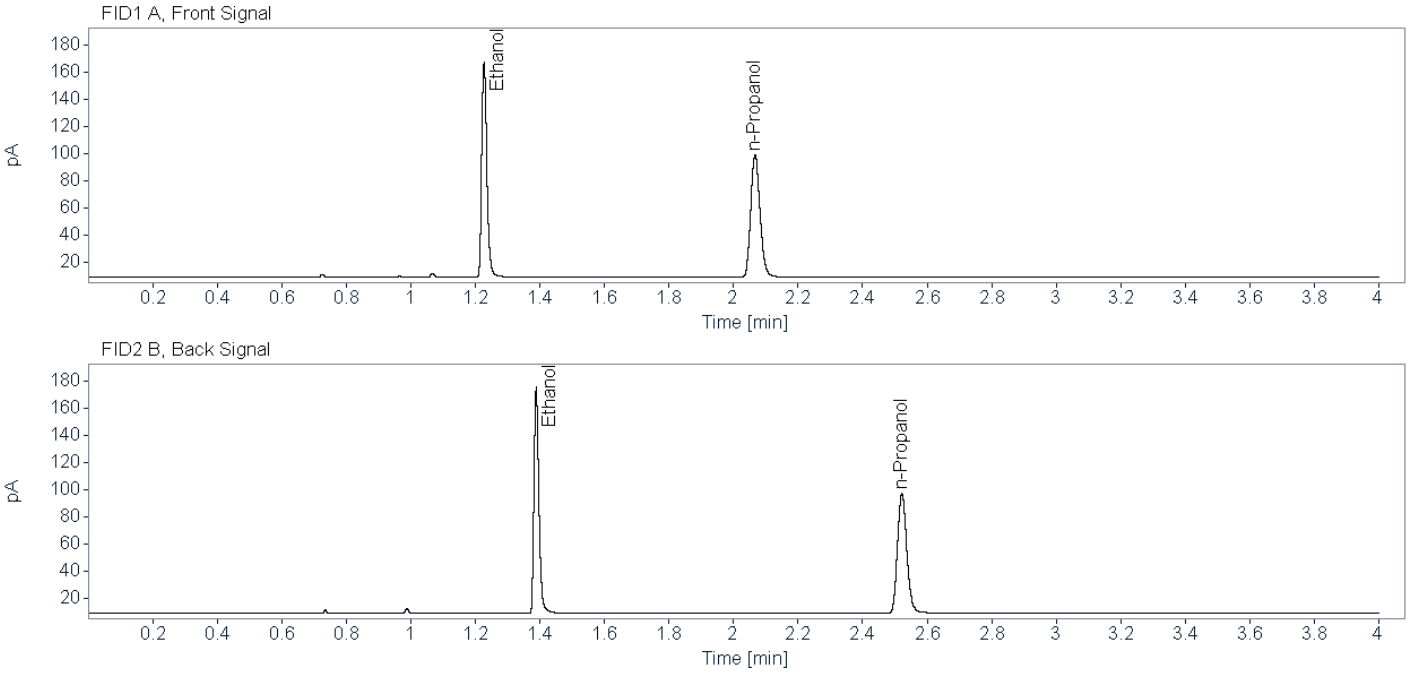
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74936	1.387	1.386	189.2421	0.1819
n-Propanol	0.83778	2.520	2.520	181.7282	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1144 001_001 (25-1133) **Description:** Alq 2 **Sample Barcode** 25-1133 **Vial Number:** 54

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:55:09 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76395	1.227	1.225	177.3481	0.1725
n-Propanol	0.82433	2.067	2.066	181.3469	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74005	1.388	1.386	177.0495	0.1727
n-Propanol	0.83164	2.522	2.520	179.1633	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1145 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

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:

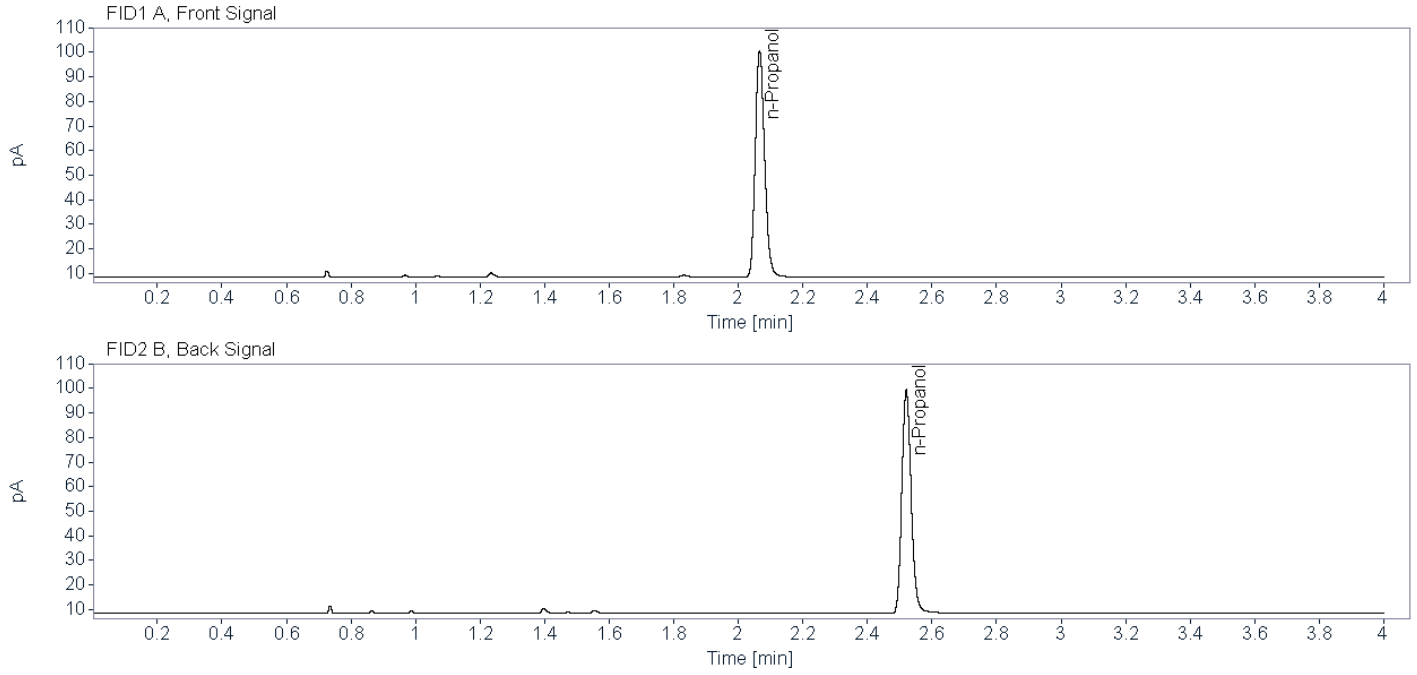
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1145 001_001 (25-1092) **Description:** Alq 1 **Sample Barcode** 25-1092 **Vial Number:** 13

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:22:27 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82081	2.066	2.066	184.2714	0.0100

Name FID2B

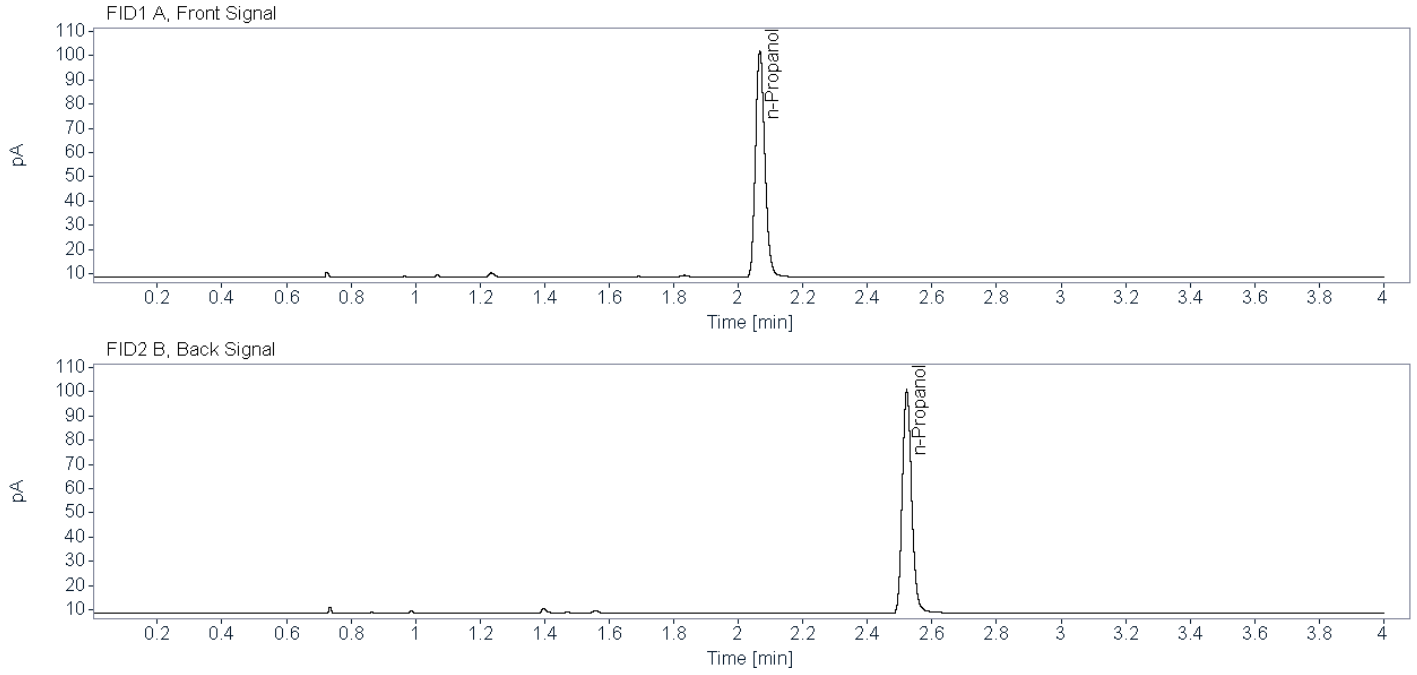
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83499	2.520	2.520	181.9381	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1145 001_001 (25-1132) **Description:** Alq 2 **Sample Barcode** 25-1132 **Vial Number:** 53

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:50:27 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81757	2.067	2.066	187.4131	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83975	2.522	2.520	185.0241	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1149 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2172	Aliquot 1:	0.2175
	Aliquot 2:	0.2088	Aliquot 2:	0.2087

Reported Result: 0.213 g/100 mL

Reported UM: 0.034 g/100 mL

Comments:

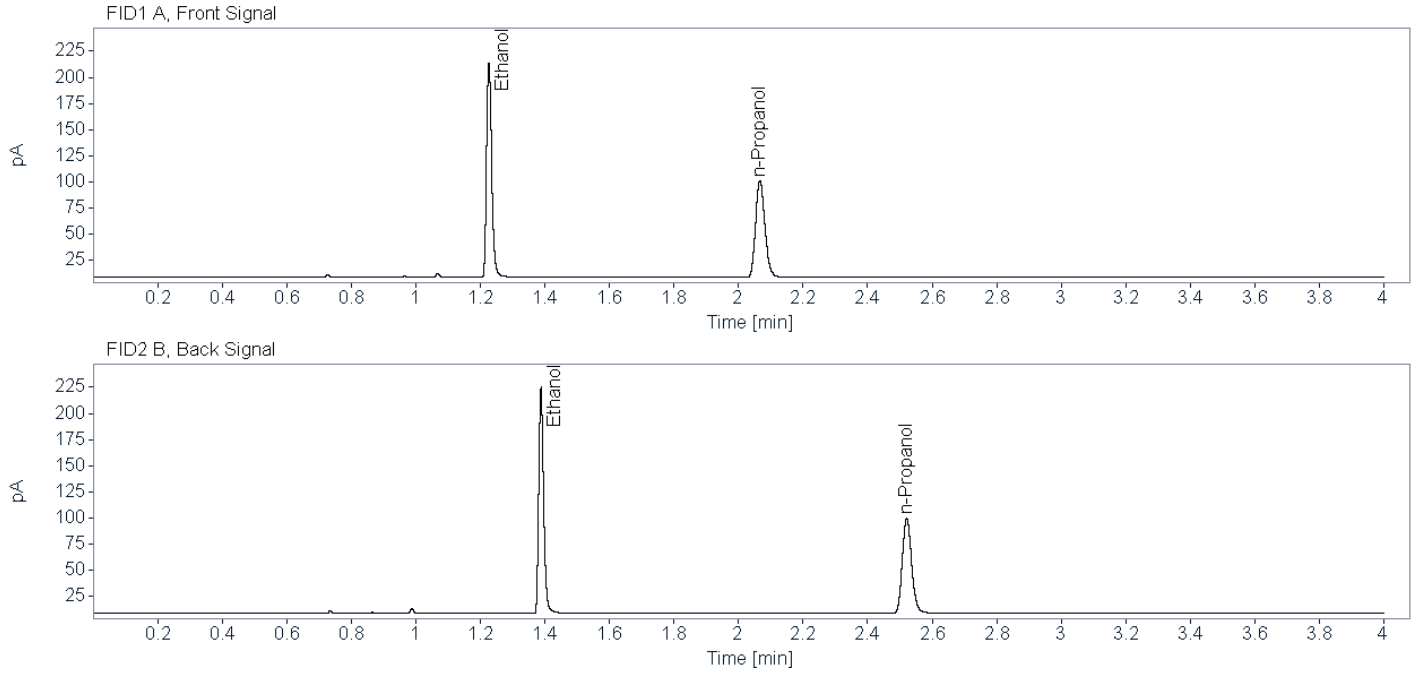
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1149 001_001 (25-1093) **Description:** Alq 1 **Sample Barcode** 25-1093 **Vial Number:** 14

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:27:09 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77216	1.226	1.225	228.6729	0.2172
n-Propanol	0.82330	2.066	2.066	185.3814	0.0100

Name FID2B

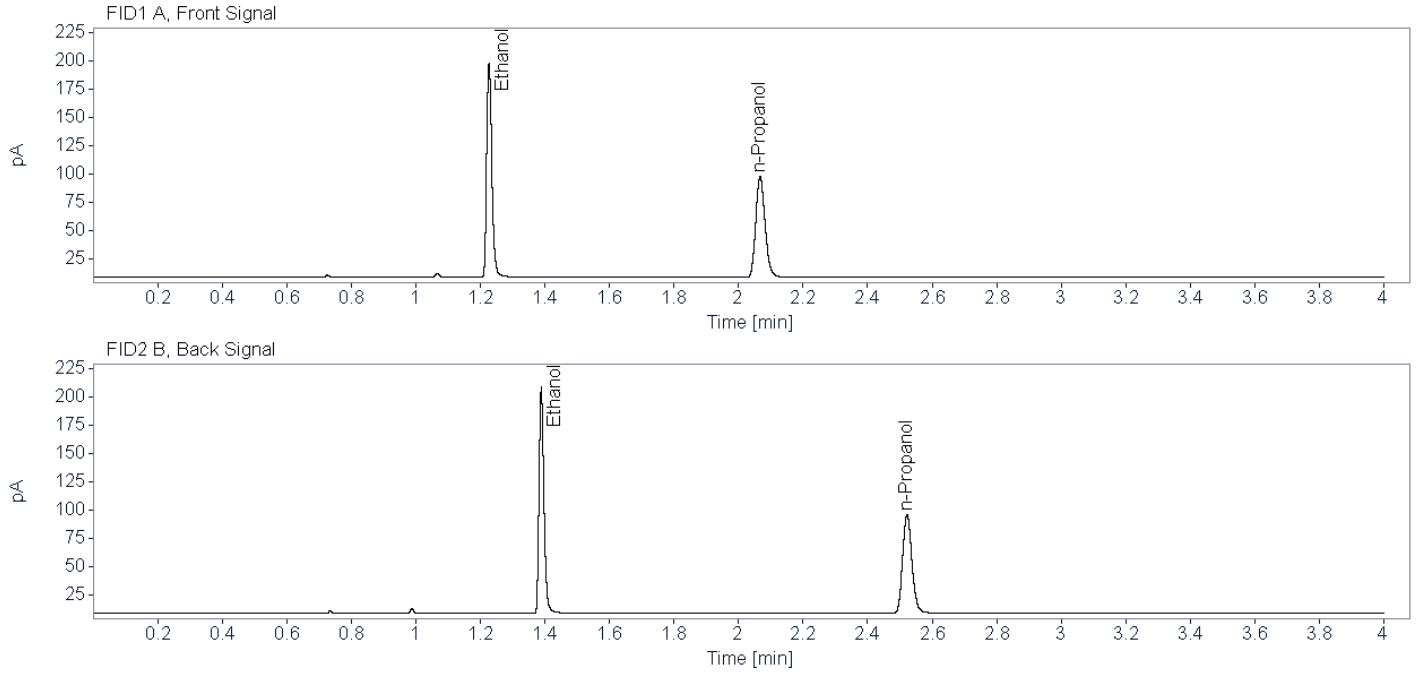
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75937	1.388	1.386	227.9401	0.2175
n-Propanol	0.84761	2.521	2.520	182.8459	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1149 001_001 (25-1131) **Description:** Alq 2 **Sample Barcode** 25-1131 **Vial Number:** 52

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:44:46 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77141	1.227	1.225	211.2906	0.2088
n-Propanol	0.82334	2.067	2.066	178.2363	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74440	1.389	1.386	210.0424	0.2087
n-Propanol	0.82517	2.522	2.520	175.6970	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1150 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1265	Aliquot 1:	0.1268
	Aliquot 2:	0.1259	Aliquot 2:	0.1264

Reported Result: 0.126 g/100 mL

Reported UM: 0.020 g/100 mL

Comments:

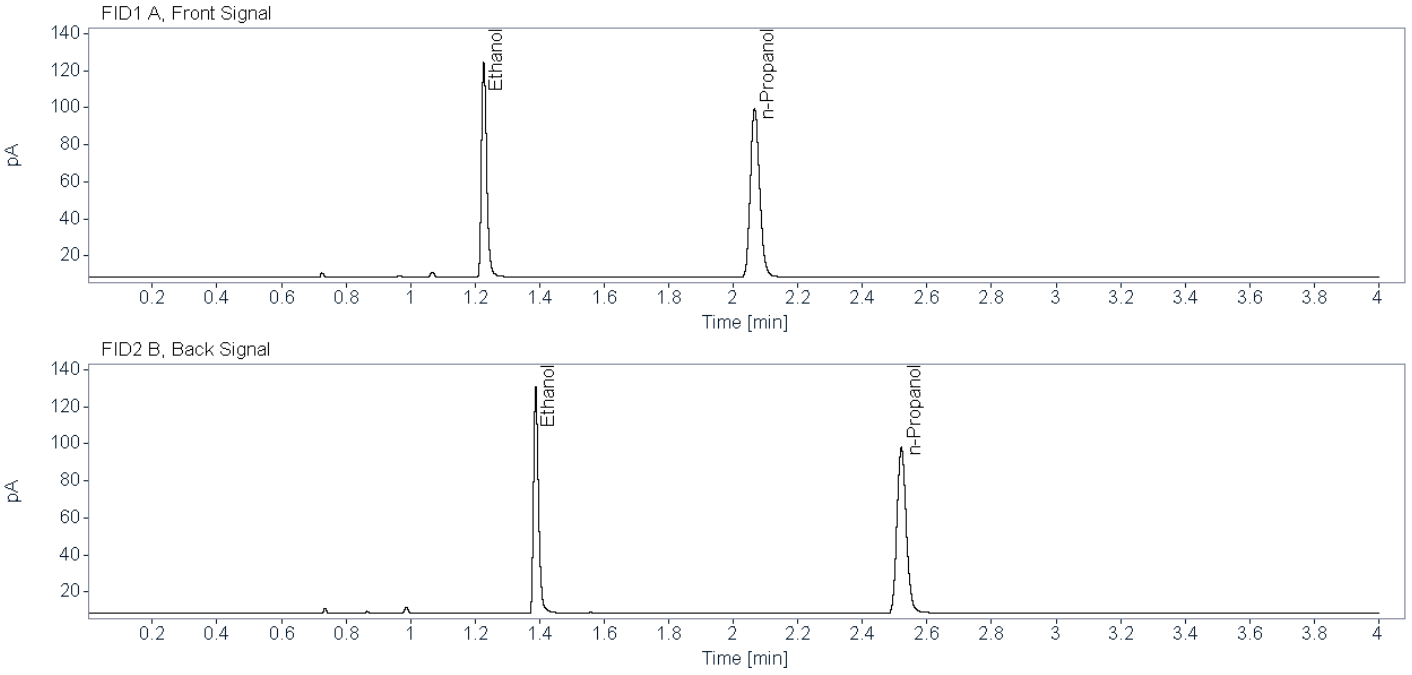
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1150 001_001 (25-1094) **Description:** Alq 1 **Sample Barcode** 25-1094 **Vial Number:** 15

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:32:51 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74086	1.227	1.225	130.4313	0.1265
n-Propanol	0.82080	2.066	2.066	182.2454	0.0100

Name FID2B

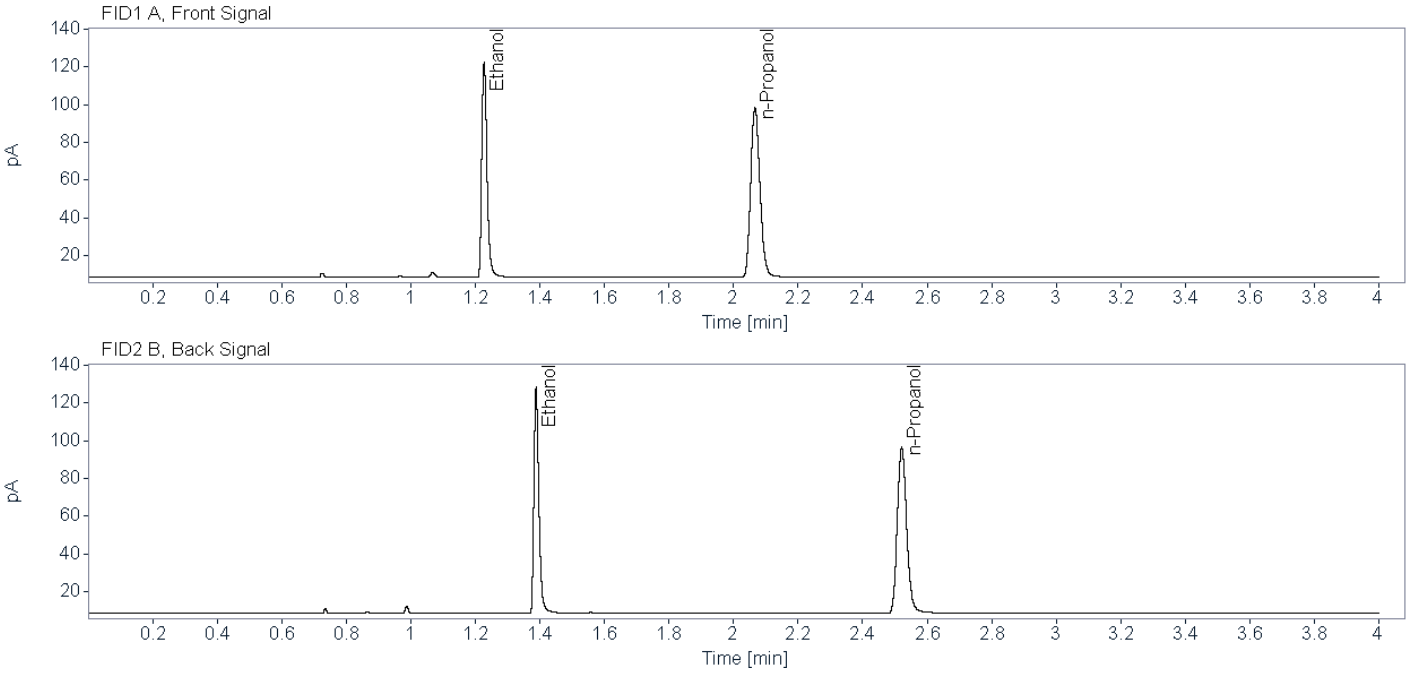
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73665	1.388	1.386	130.0126	0.1268
n-Propanol	0.83918	2.521	2.520	179.6682	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1150 001_001 (25-1130) **Description:** Alq 2 **Sample Barcode** 25-1130 **Vial Number:** 51

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:40:02 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73550	1.227	1.225	128.1124	0.1259
n-Propanol	0.82042	2.067	2.066	179.9277	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71766	1.388	1.386	127.9380	0.1264
n-Propanol	0.83674	2.521	2.520	177.3049	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1151 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1594	Aliquot 1:	0.1598
	Aliquot 2:	0.1538	Aliquot 2:	0.1541

Reported Result: 0.156 g/100 mL

Reported UM: 0.025 g/100 mL

Comments:

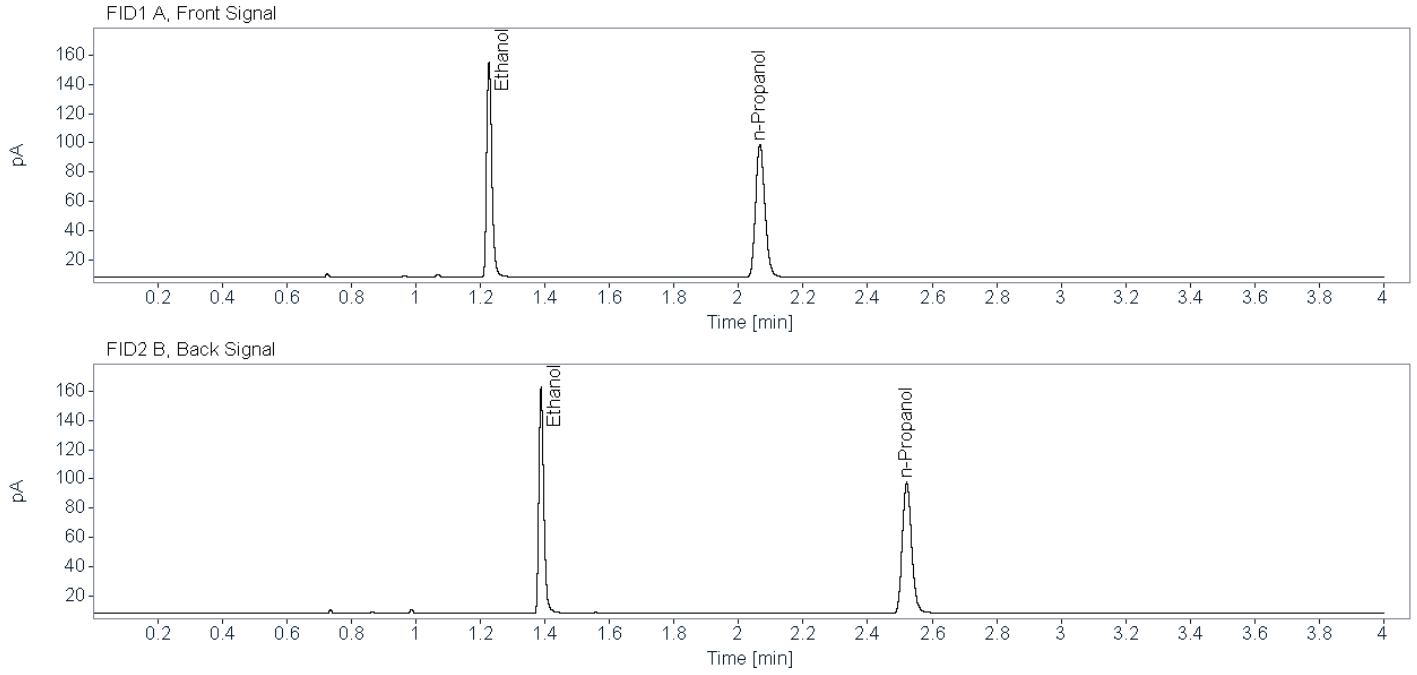
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1151 001_001 (25-1095) **Description:** Alq 1 **Sample Barcode** 25-1095 **Vial Number:** 16

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:37:34 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76300	1.227	1.225	163.6964	0.1594
n-Propanol	0.82483	2.066	2.066	181.1667	0.0100

Name FID2B

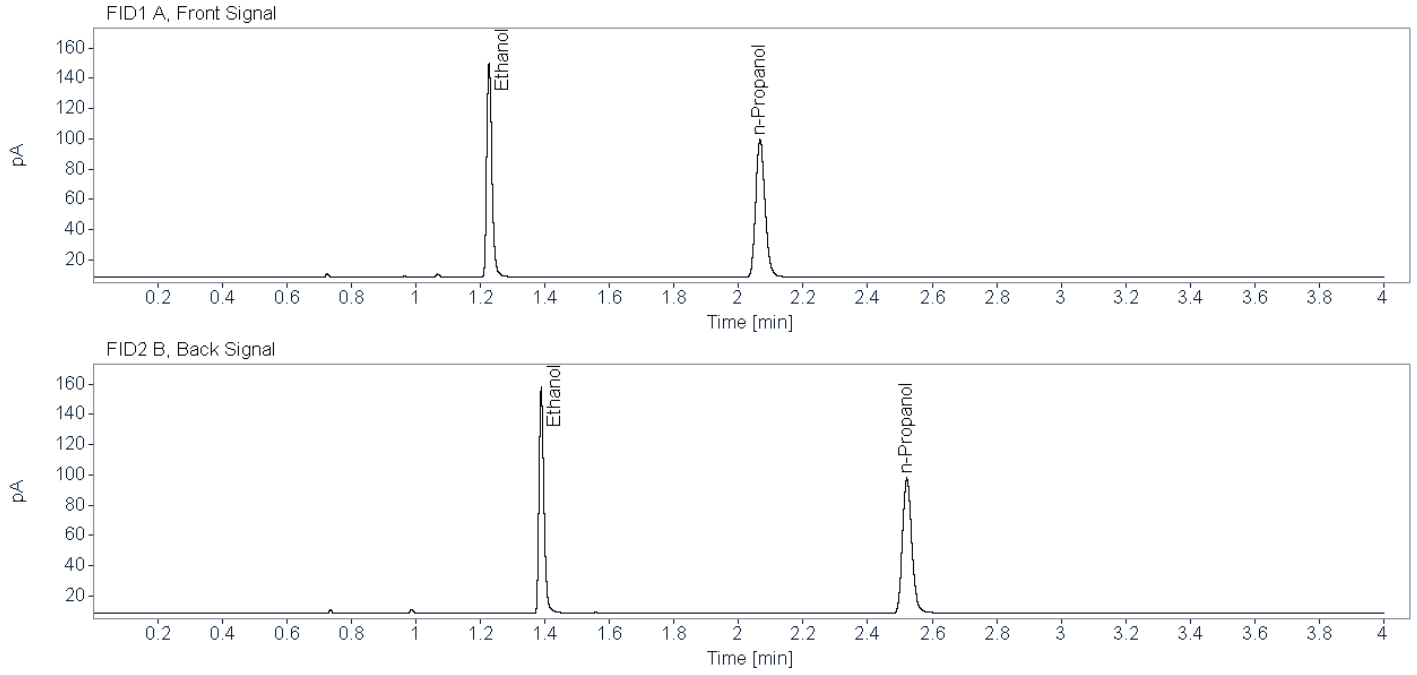
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73783	1.388	1.386	163.2489	0.1598
n-Propanol	0.84442	2.521	2.520	178.6685	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1151 001_001 (25-1129) **Description:** Alq 2 **Sample Barcode** 25-1129 **Vial Number:** 50

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:34:22 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74335	1.227	1.225	158.7993	0.1538
n-Propanol	0.82422	2.067	2.066	182.1643	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73261	1.389	1.386	158.6081	0.1541
n-Propanol	0.84213	2.521	2.520	180.0243	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1152 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

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:

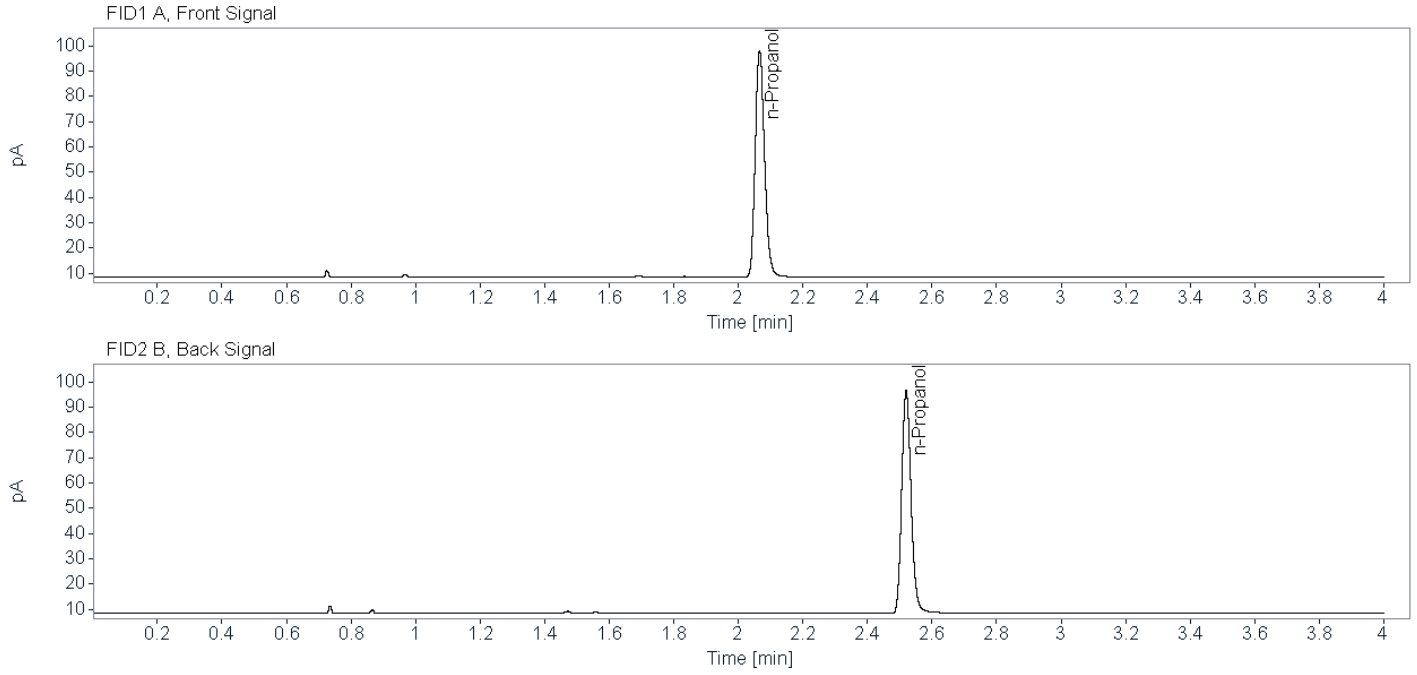
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1152 001_001 (25-1096) **Description:** Alq 1 **Sample Barcode** 25-1096 **Vial Number:** 17

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:43:14 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81943	2.066	2.066	179.6908	0.0100

Name FID2B

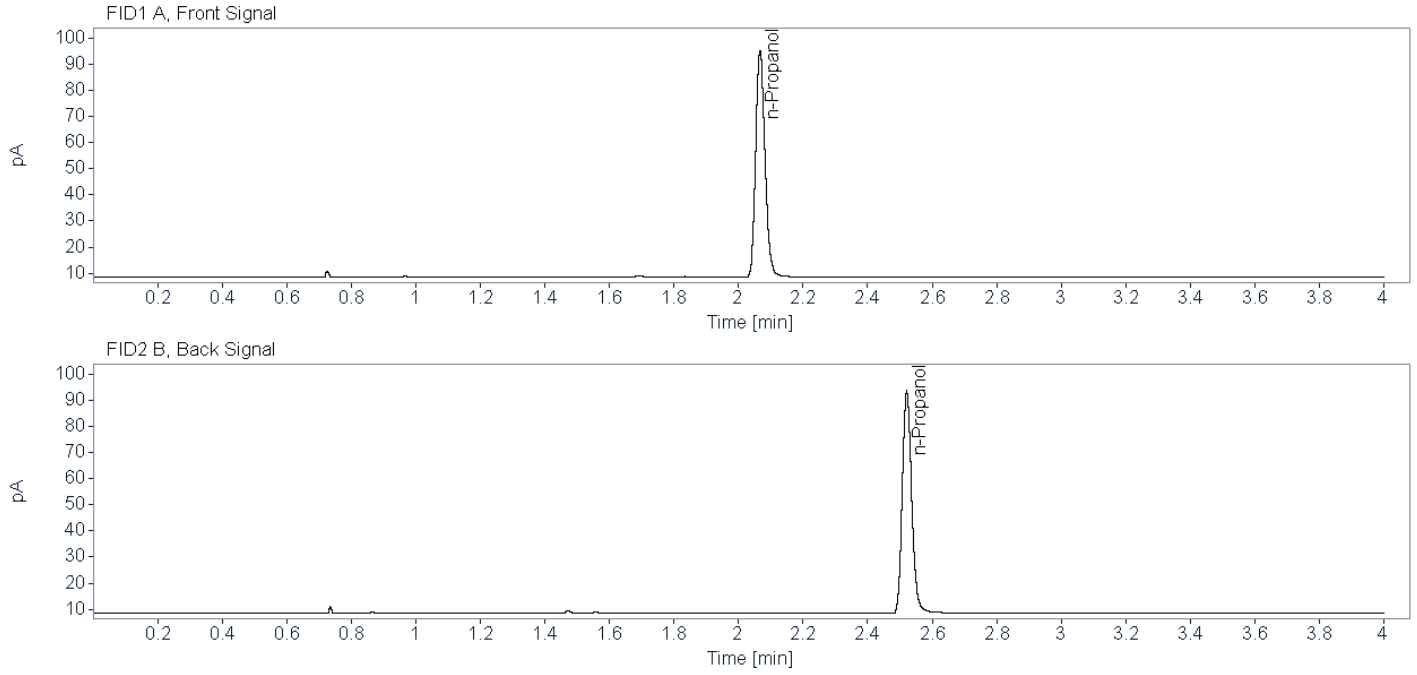
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83211	2.520	2.520	177.2962	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1152 001_001 (25-1128) **Description:** Alq 2 **Sample Barcode** 25-1128 **Vial Number:** 49

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:29:38 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82040	2.067	2.066	173.7090	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83673	2.521	2.520	171.3696	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1153 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1228	Aliquot 1:	0.1230
	Aliquot 2:	0.1131	Aliquot 2:	0.1136

Reported Result: **0.118** **g/100 mL**

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

Comments:

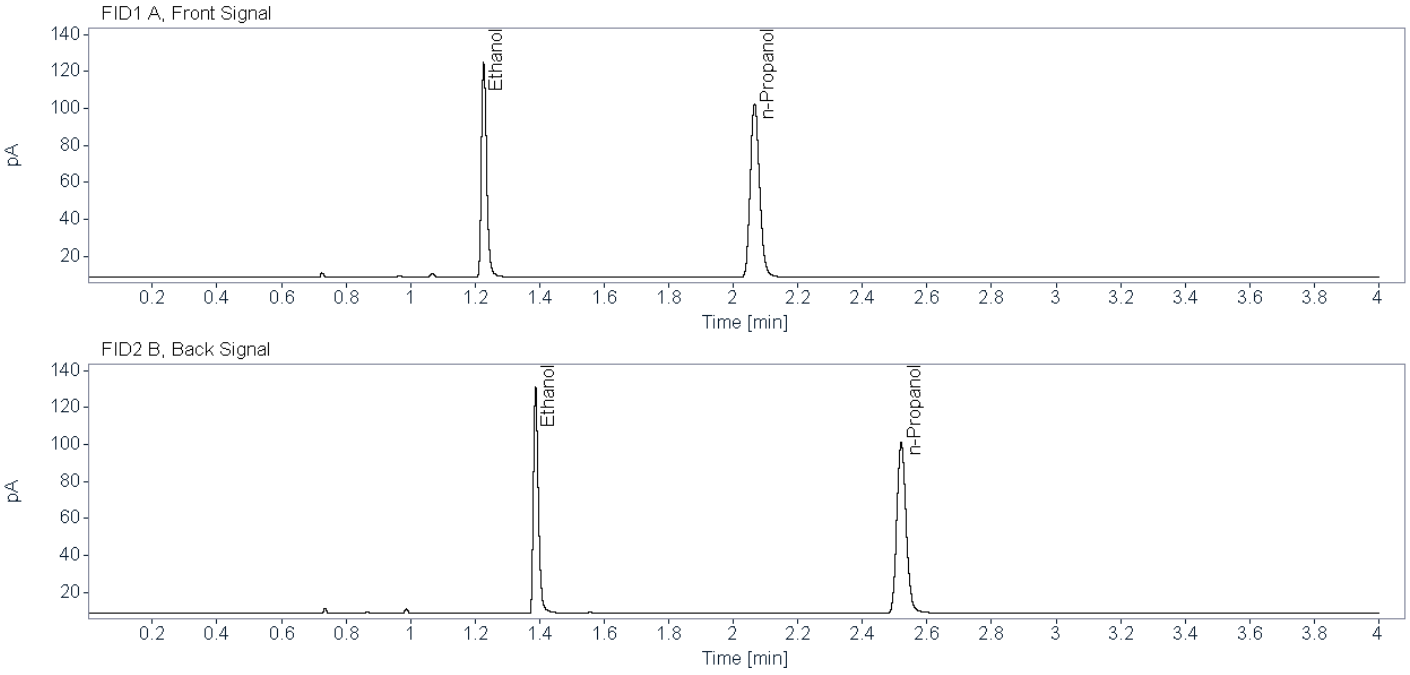
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1153 001_001 (25-1097) **Description:** Alq 1 **Sample Barcode** 25-1097 **Vial Number:** 18

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:47:57 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73801	1.227	1.225	130.8486	0.1228
n-Propanol	0.82027	2.066	2.066	188.3832	0.0100

Name FID2B

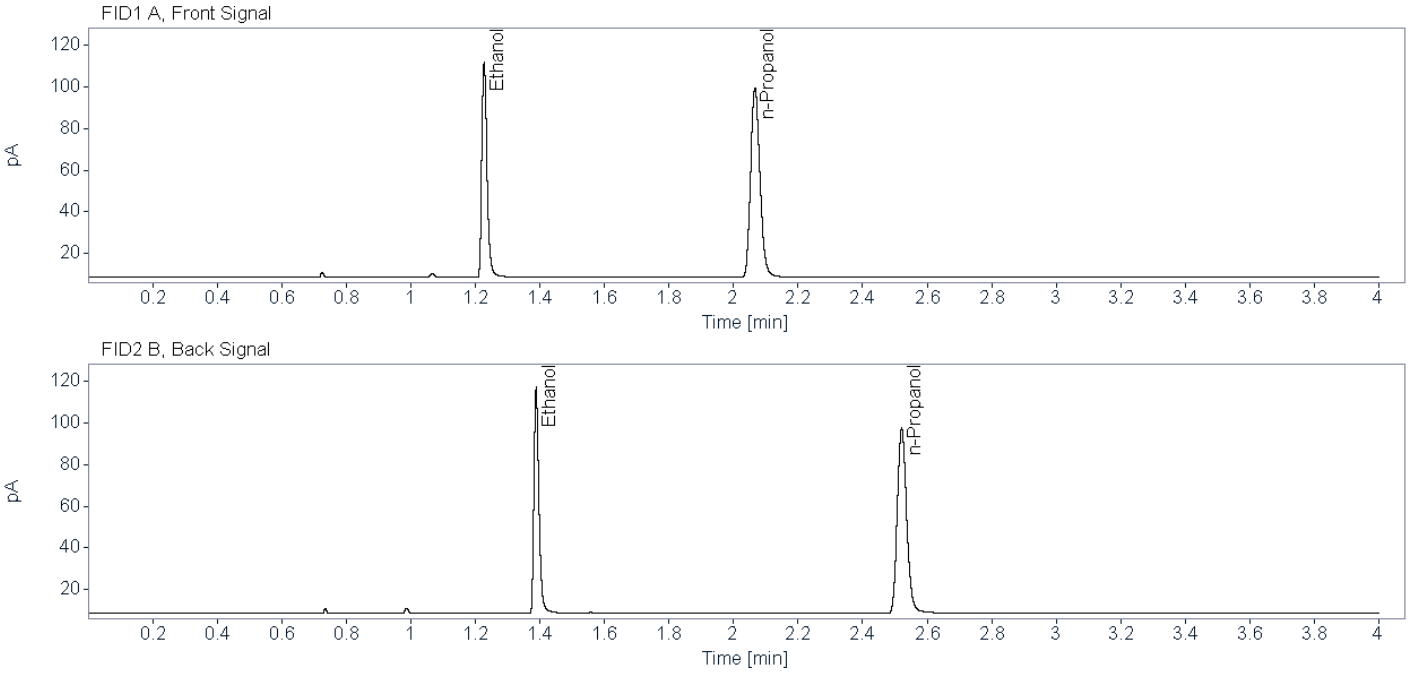
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72964	1.388	1.386	130.3879	0.1230
n-Propanol	0.83933	2.520	2.520	185.8422	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1153 001_001 (25-1127) **Description:** Alq 2 **Sample Barcode** 25-1127 **Vial Number:** 48

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:23:57 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73197	1.227	1.225	116.4511	0.1131
n-Propanol	0.82039	2.066	2.066	182.2197	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71339	1.388	1.386	116.2966	0.1136
n-Propanol	0.83690	2.521	2.520	179.6183	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1154 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1509	Aliquot 1:	0.1514
	Aliquot 2:	0.1532	Aliquot 2:	0.1535

Reported Result: 0.152 g/100 mL

Reported UM: 0.025 g/100 mL

Comments:

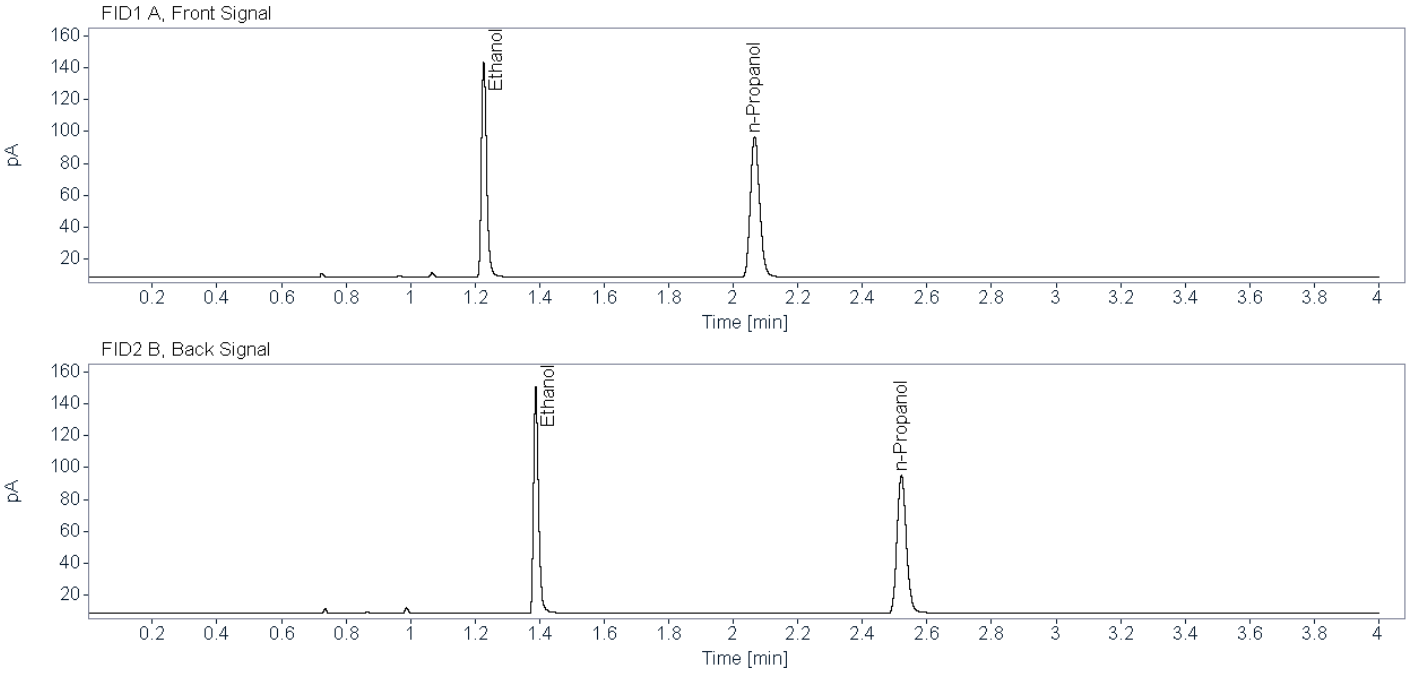
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1154 001_001 (25-1098) **Description:** Alq 1 **Sample Barcode** 25-1098 **Vial Number:** 19

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:53:39 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74603	1.227	1.225	151.1192	0.1509
n-Propanol	0.81909	2.066	2.066	176.7475	0.0100

Name FID2B

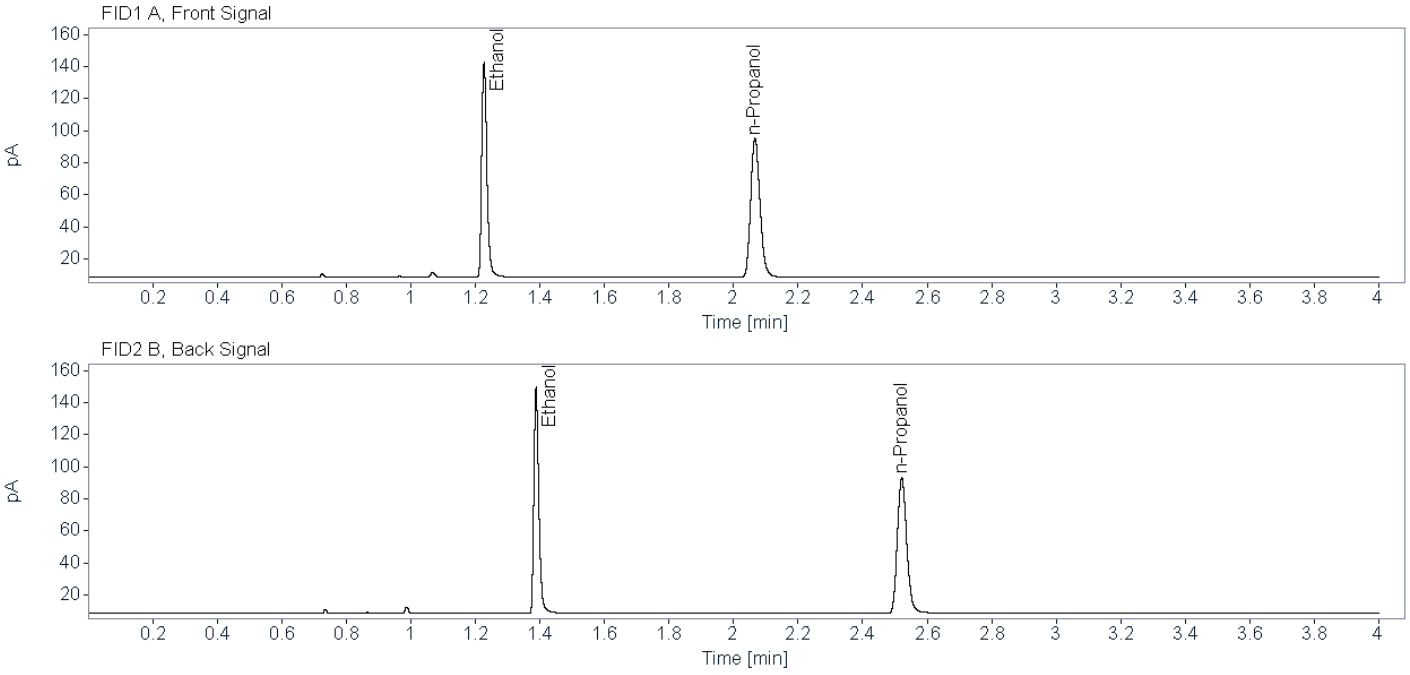
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74555	1.388	1.386	150.8259	0.1514
n-Propanol	0.83593	2.521	2.520	174.2565	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1154 001_001 (25-1126) **Description:** Alq 2 **Sample Barcode** 25-1126 **Vial Number:** 47

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:19:15 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75616	1.227	1.225	150.5162	0.1532
n-Propanol	0.82047	2.067	2.066	173.3858	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72892	1.388	1.386	150.1071	0.1535
n-Propanol	0.83608	2.521	2.520	171.0578	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1155 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2208	Aliquot 1:	0.2212
	Aliquot 2:	0.2153	Aliquot 2:	0.2159

Reported Result: 0.218 g/100 mL

Reported UM: 0.035 g/100 mL

Comments:

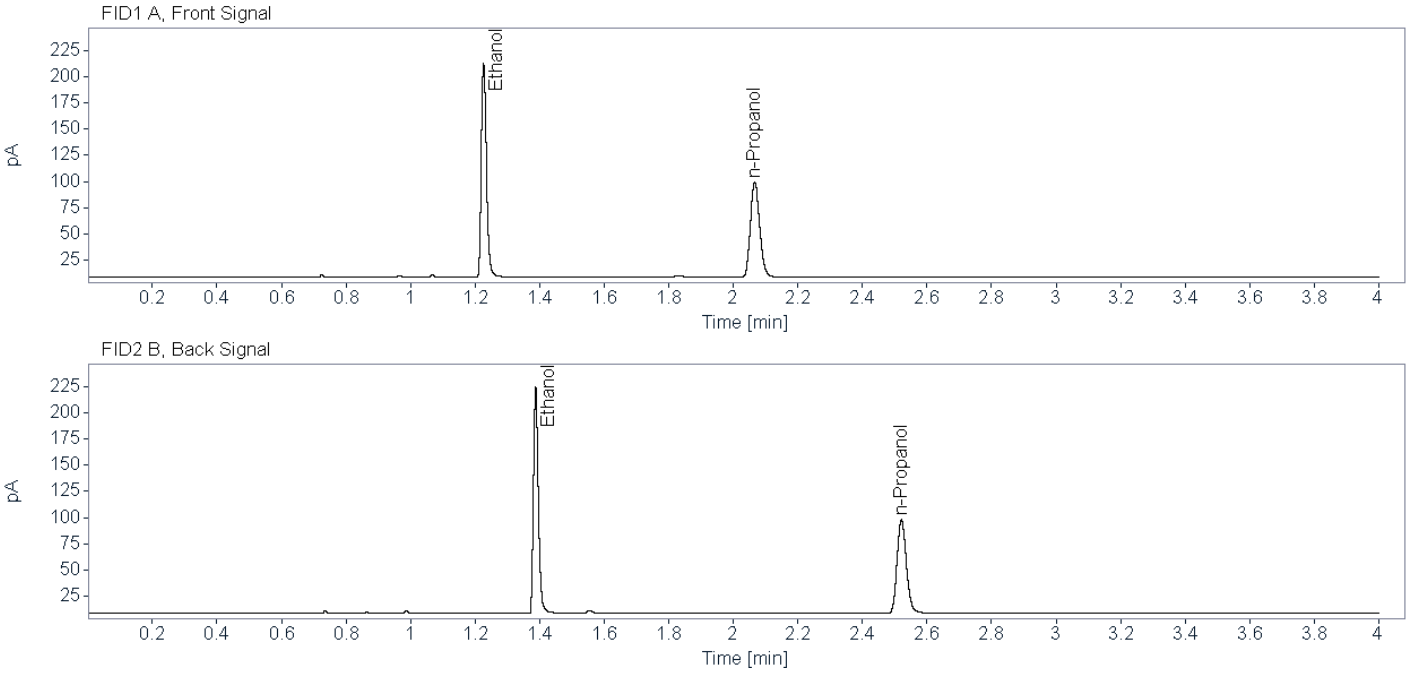
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1155 001_001 (25-1099) **Description:** Alq 1 **Sample Barcode** 25-1099 **Vial Number:** 20

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 3:58:21 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77246	1.227	1.225	228.3279	0.2208
n-Propanol	0.82110	2.067	2.066	182.1142	0.0100

Name FID2B

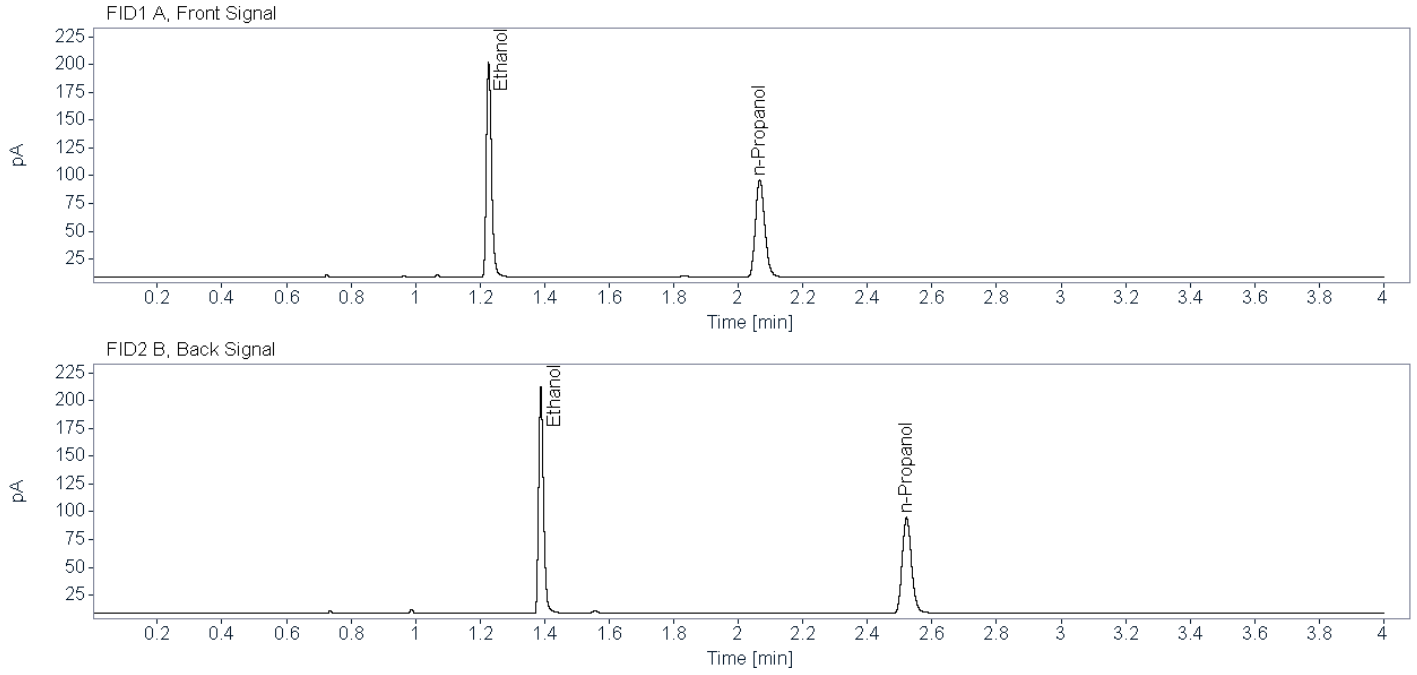
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77024	1.388	1.386	227.3328	0.2212
n-Propanol	0.83715	2.521	2.520	179.2975	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1155 001_001 (25-1125) **Description:** Alq 2 **Sample Barcode** 25-1125 **Vial Number:** 46

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:13:33 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75763	1.227	1.225	215.1012	0.2153
n-Propanol	0.81500	2.067	2.066	175.9891	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75213	1.388	1.386	214.0901	0.2159
n-Propanol	0.83870	2.522	2.520	173.0107	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1171 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1041	Aliquot 1:	0.1043
	Aliquot 2:	0.1037	Aliquot 2:	0.1035

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

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

Comments:

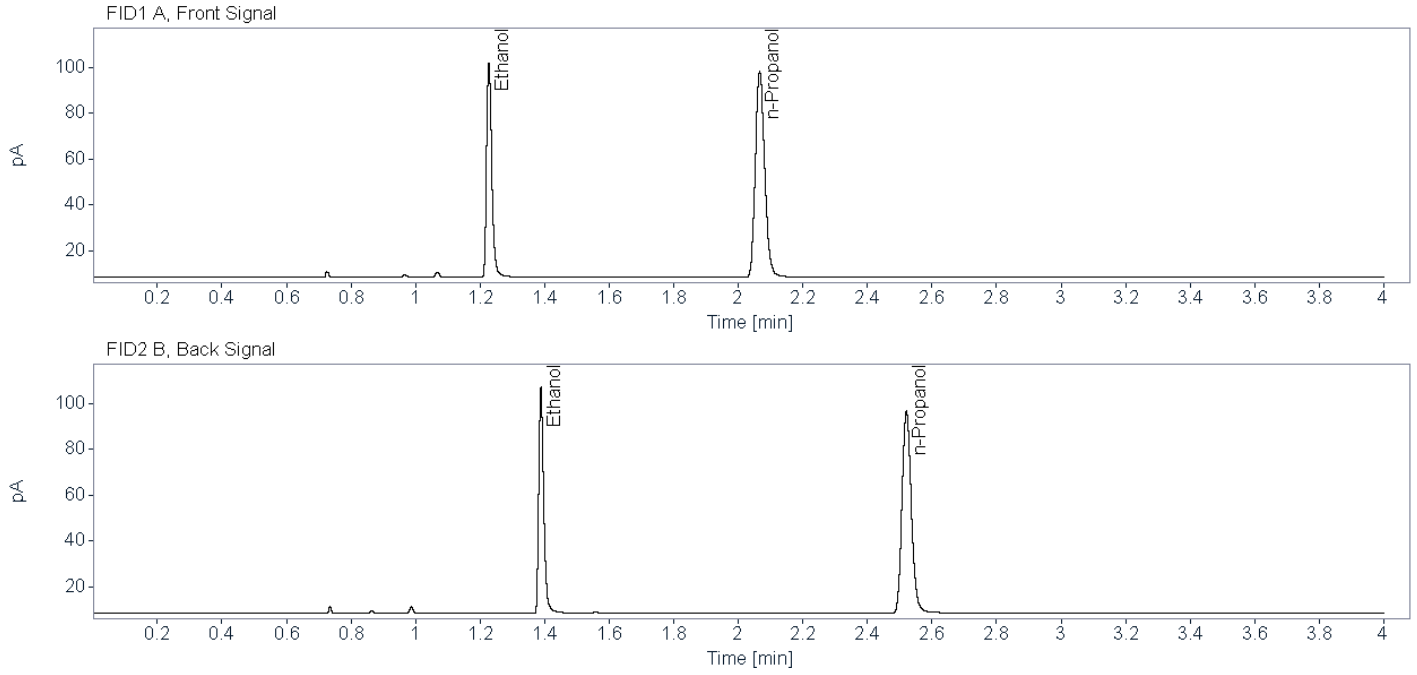
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1171 001_001 (25-1100) **Description:** Alq 1 **Sample Barcode** 25-1100 **Vial Number:** 21

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:04:02 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73413	1.227	1.225	105.5505	0.1041
n-Propanol	0.81987	2.066	2.066	179.5583	0.0100

Name FID2B

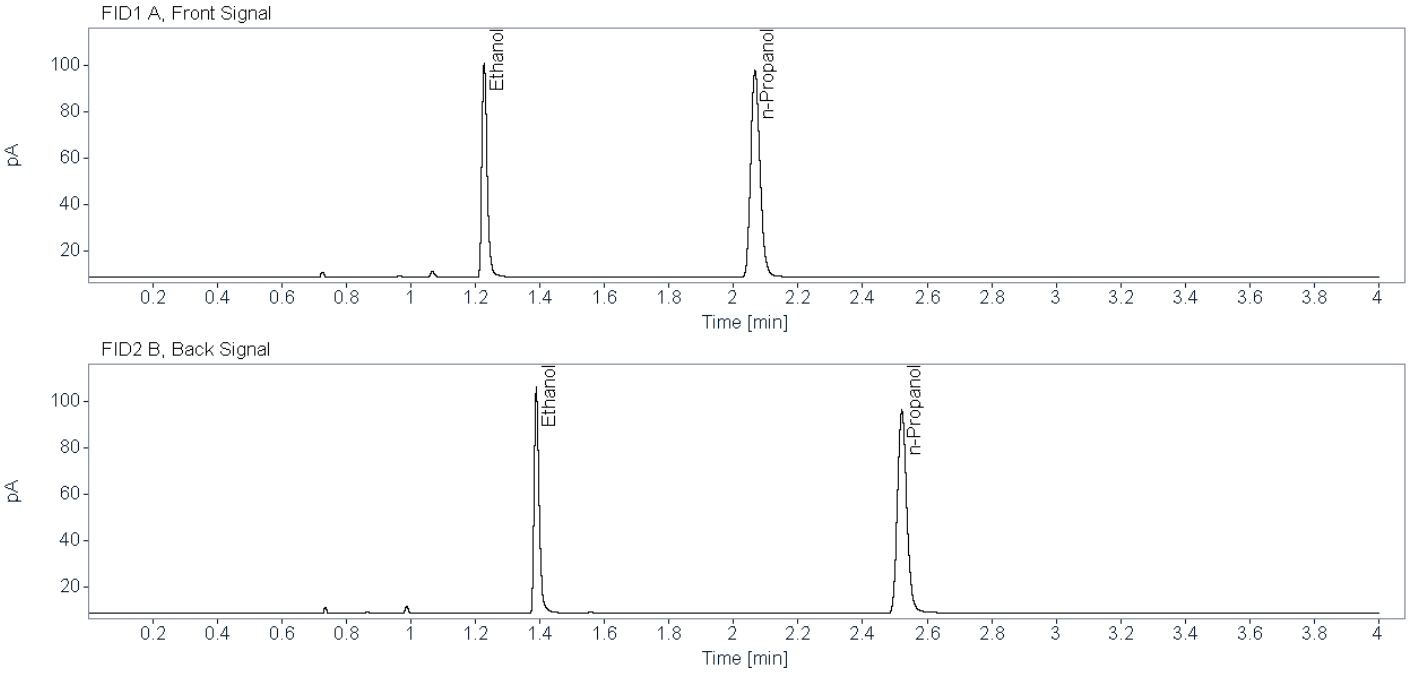
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71113	1.389	1.386	105.1176	0.1043
n-Propanol	0.83777	2.521	2.520	176.9364	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1171 001_001 (25-1124) **Description:** Alq 2 **Sample Barcode** 25-1124 **Vial Number:** 45

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 6:08:51 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73143	1.228	1.225	104.5925	0.1037
n-Propanol	0.82161	2.067	2.066	178.6866	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69993	1.389	1.386	103.9662	0.1035
n-Propanol	0.84260	2.521	2.520	176.4523	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1172 005_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

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:

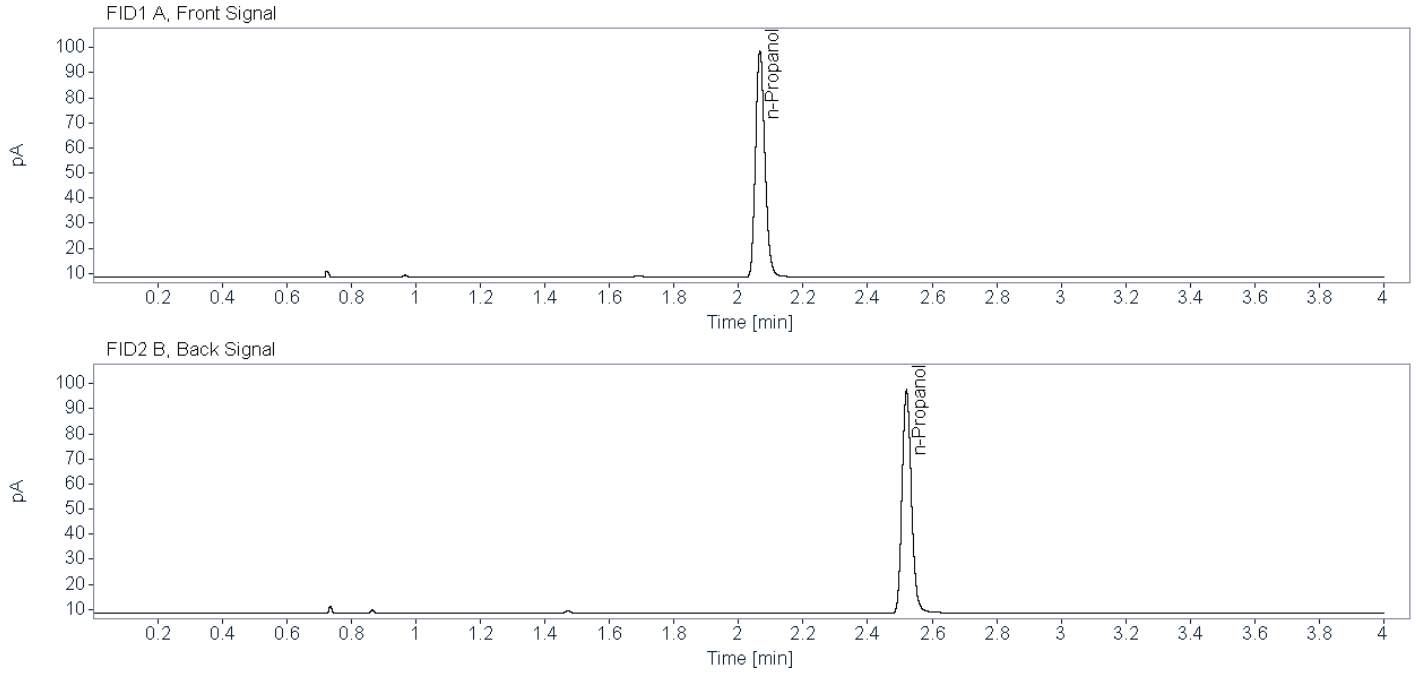
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1172 005_001 (25-1102) **Description:** Alq 1 **Sample Barcode** 25-1102 **Vial Number:** 23

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:14:28 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82267	2.066	2.066	181.1138	0.0100

Name FID2B

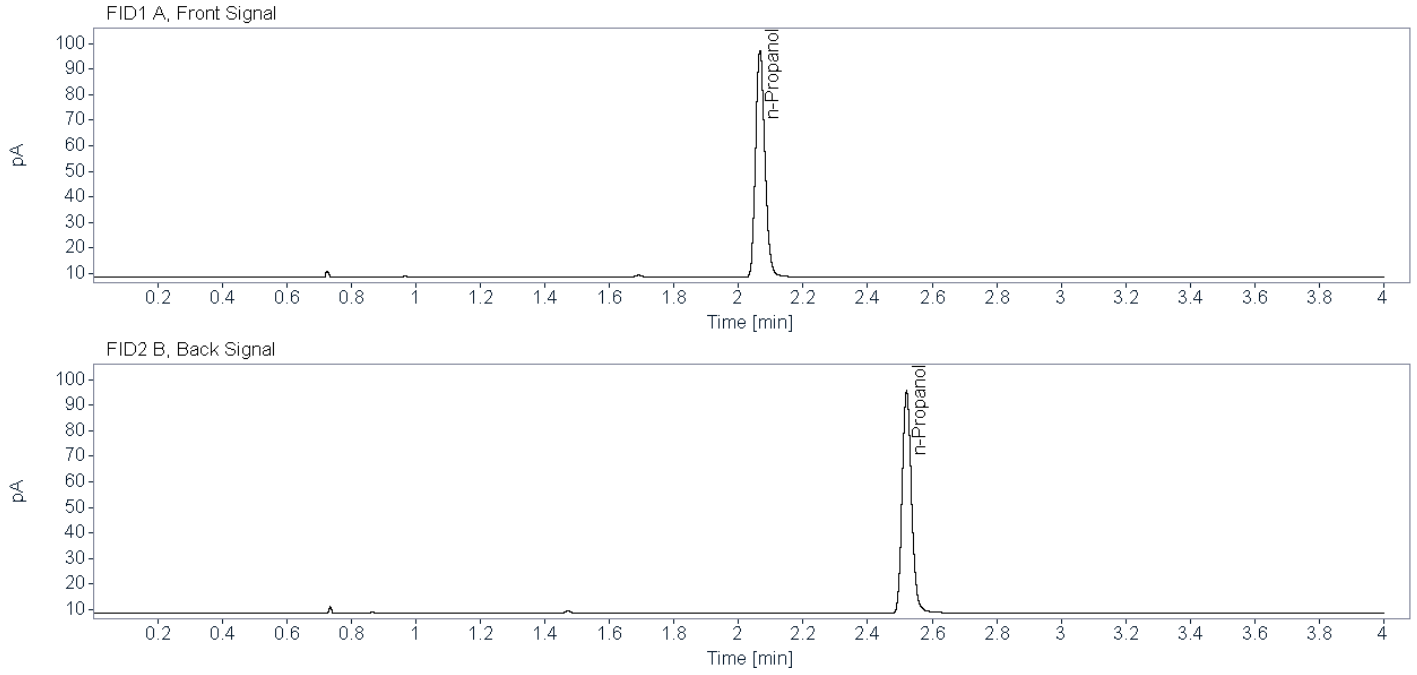
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84041	2.520	2.520	178.5194	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1172 005_001 (25-1122) **Description:** Alq 2 **Sample Barcode** 25-1122 **Vial Number:** 43

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:58:27 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81859	2.066	2.066	178.0638	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83912	2.521	2.520	175.3464	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1177 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0704	Aliquot 1:	0.0707
	Aliquot 2:	0.0681	Aliquot 2:	0.0681

Reported Result: 0.069 g/100 mL

Reported UM: 0.011 g/100 mL

Comments:

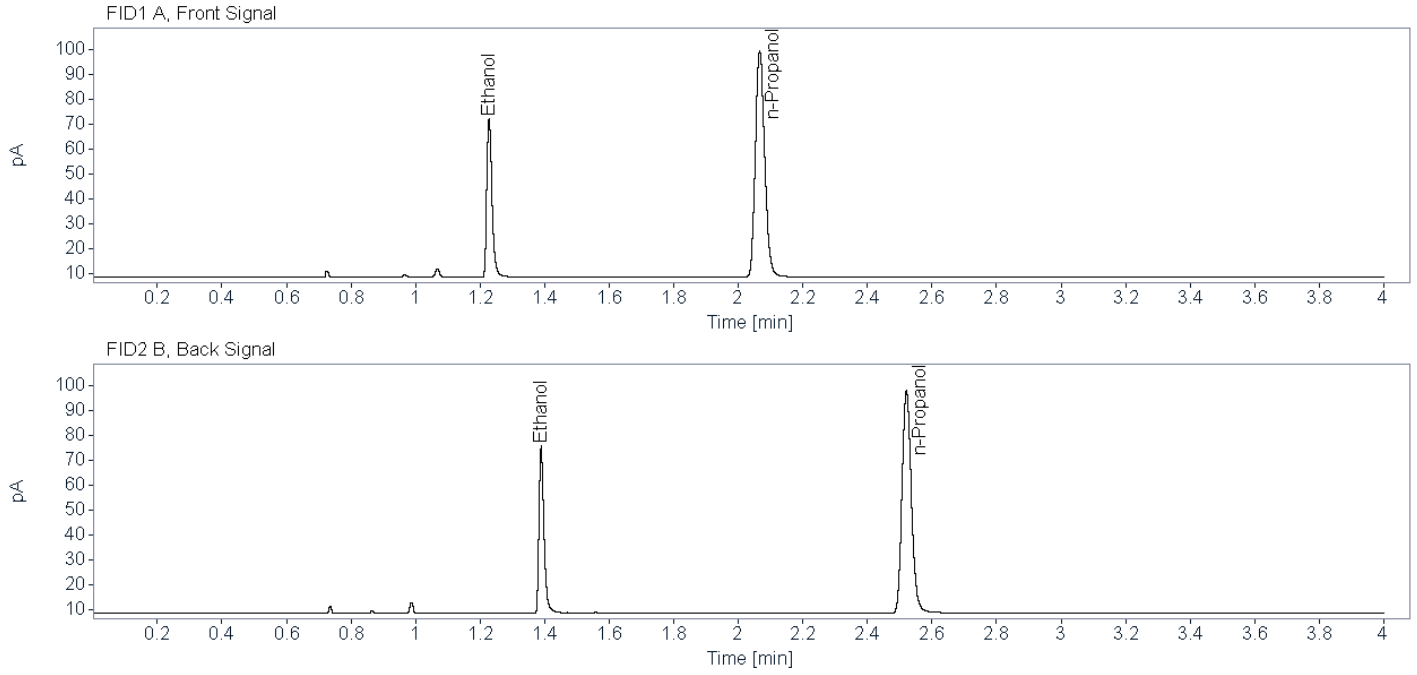
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1177 001_001 (25-1103) **Description:** Alq 1 **Sample Barcode** 25-1103 **Vial Number:** 24

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:19:09 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71696	1.228	1.225	72.0513	0.0704
n-Propanol	0.81908	2.066	2.066	182.2582	0.0100

Name FID2B

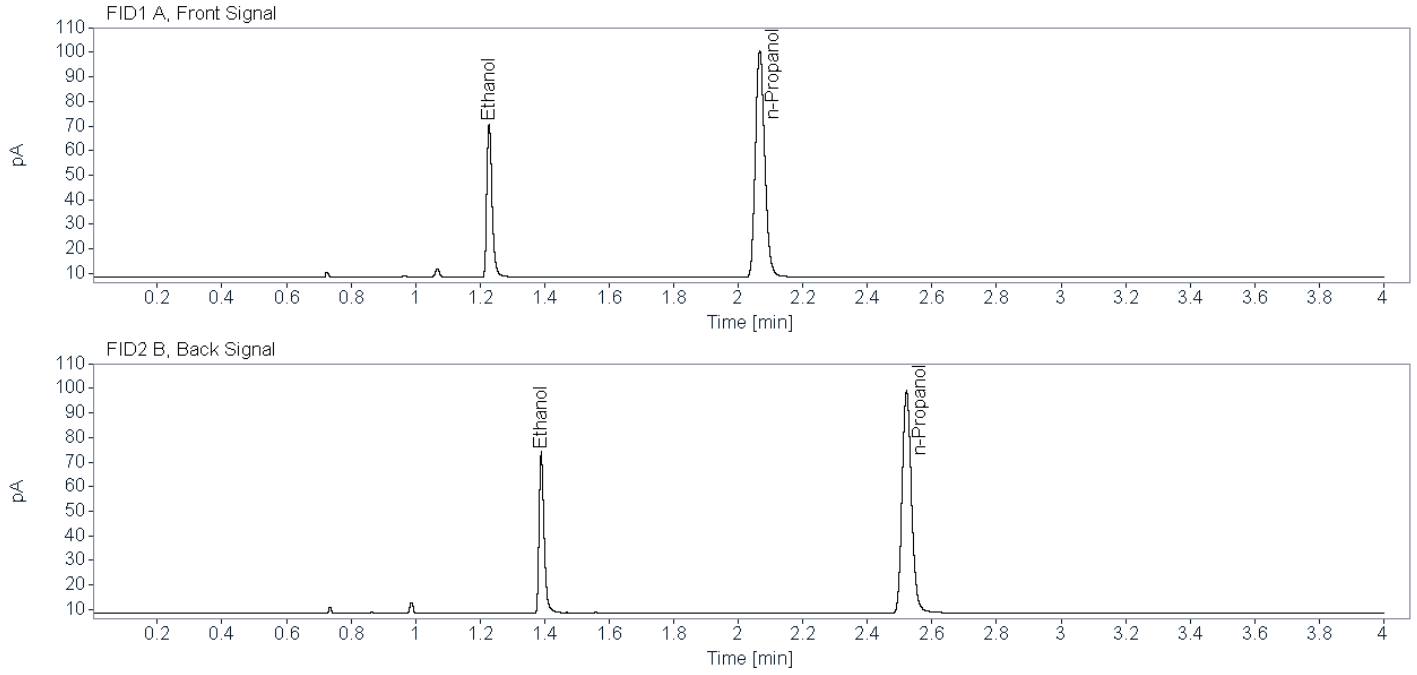
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69294	1.389	1.386	71.9296	0.0707
n-Propanol	0.83534	2.521	2.520	179.6682	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1177 001_001 (25-1121) **Description:** Alq 2 **Sample Barcode** 25-1121 **Vial Number:** 42

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:52:46 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71522	1.228	1.225	70.5663	0.0681
n-Propanol	0.81766	2.067	2.066	184.6945	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68252	1.390	1.386	70.0734	0.0681
n-Propanol	0.83568	2.521	2.520	181.8513	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1181 004_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1196	Aliquot 1:	0.1200
	Aliquot 2:	0.1208	Aliquot 2:	0.1216

Reported Result: **0.120** **g/100 mL**

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

Comments:

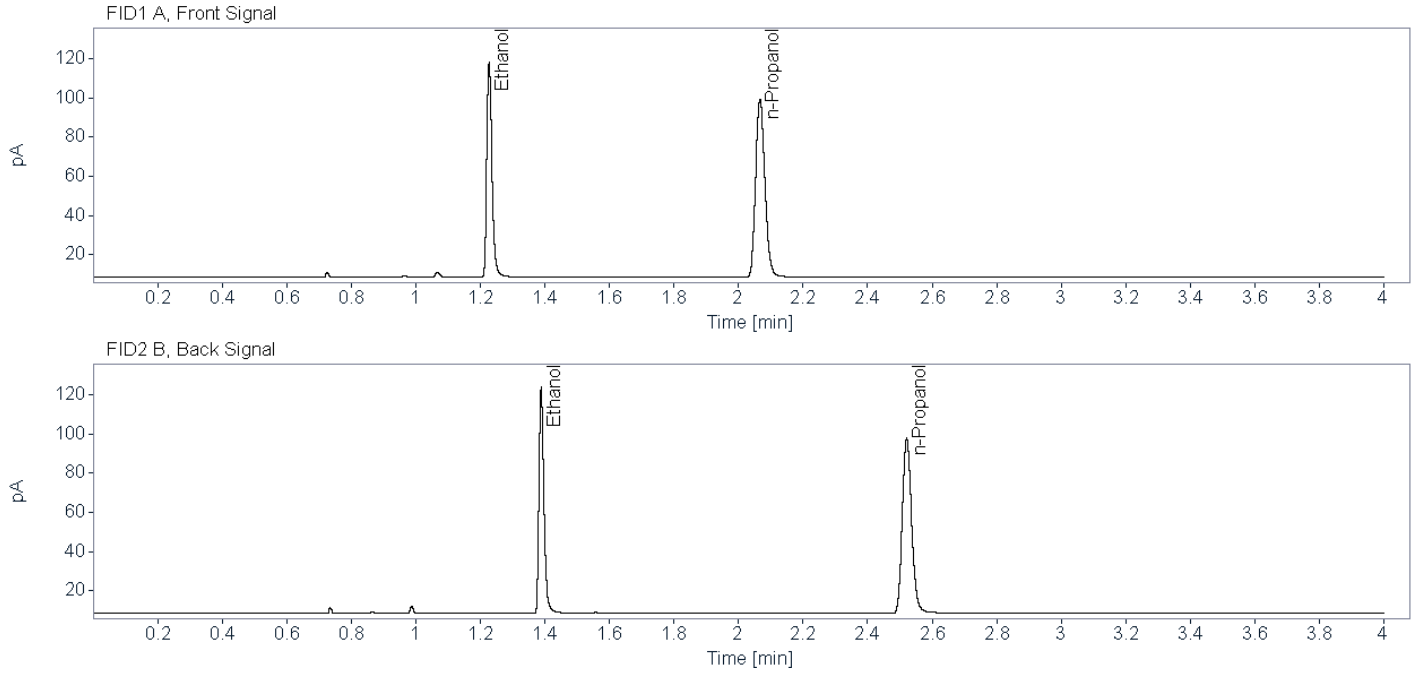
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1181 004_001 (25-1104) **Description:** Alq 1 **Sample Barcode** 25-1104 **Vial Number:** 25

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:24:50 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73738	1.227	1.225	123.0687	0.1196
n-Propanol	0.82292	2.066	2.066	182.0017	0.0100

Name FID2B

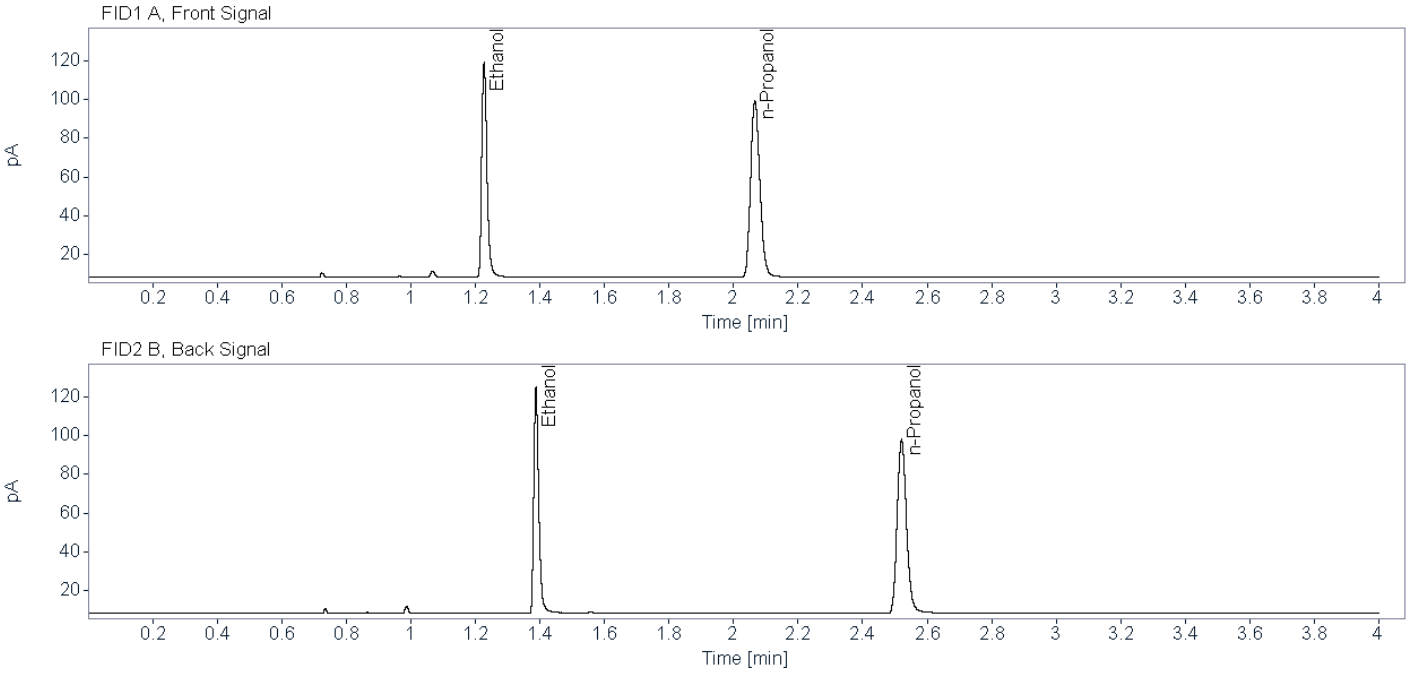
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72010	1.388	1.386	122.9487	0.1200
n-Propanol	0.84180	2.521	2.520	179.5941	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1181 004_001 (25-1120) **Description:** Alq 2 **Sample Barcode** 25-1120 **Vial Number:** 41

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:48:02 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73219	1.227	1.225	124.2883	0.1208
n-Propanol	0.81878	2.066	2.066	181.8709	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71445	1.388	1.386	124.1118	0.1216
n-Propanol	0.83857	2.521	2.520	178.9718	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1182 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

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:

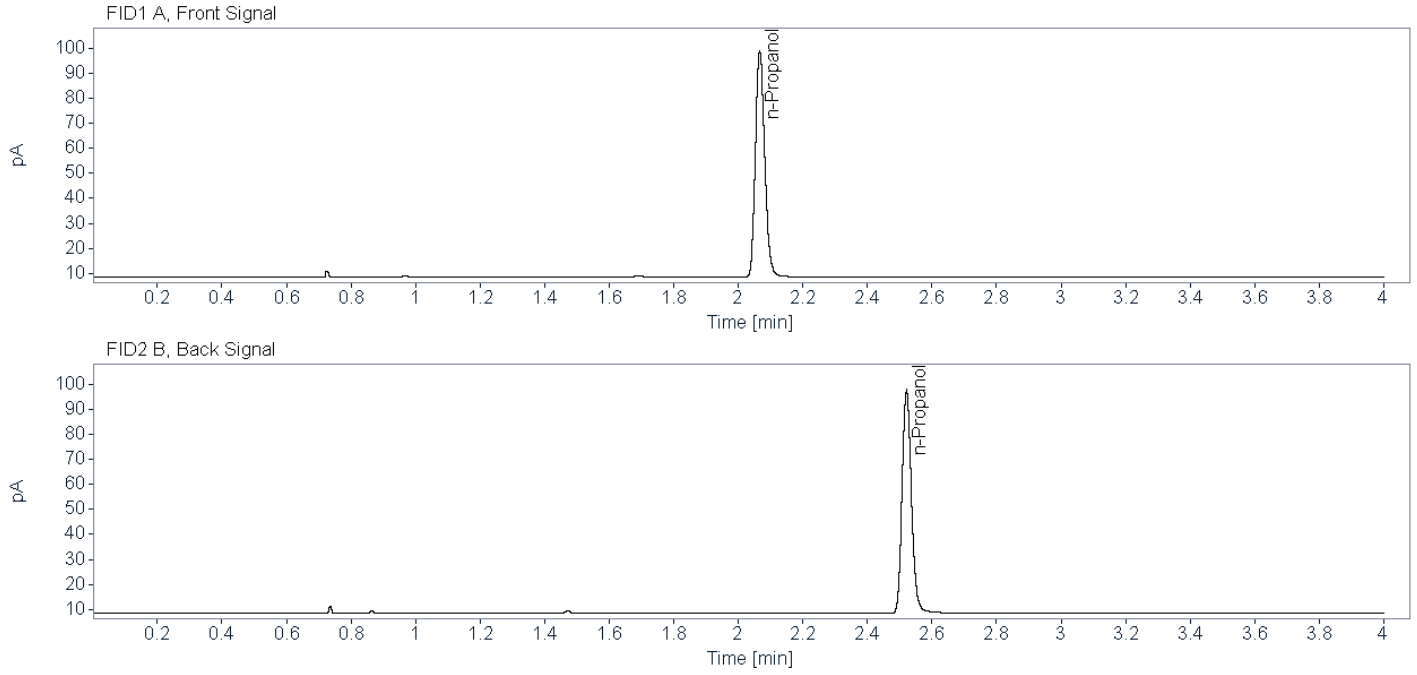
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1182 001_001 (25-1105) **Description:** Alq 1 **Sample Barcode** 25-1105 **Vial Number:** 26

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:29:33 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\026F2601.D



Name FID1A

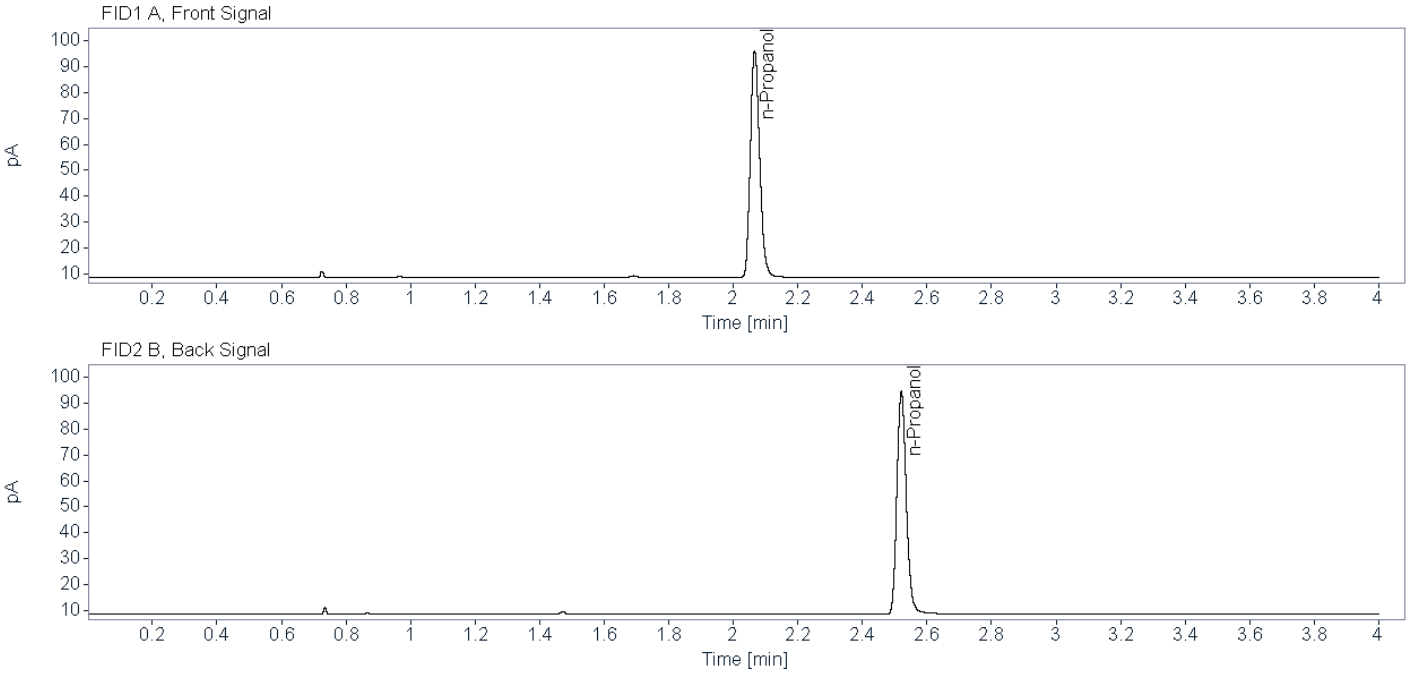
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81890	2.067	2.066	181.2285	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83851	2.521	2.520	178.6145	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1182 001_001 (25-1119) **Description:** Alq 2 **Sample Barcode** 25-1119 **Vial Number:** 40
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:42:21 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81618	2.066	2.066	175.8588	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82912	2.521	2.520	173.1077	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1184 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1392	Aliquot 1:	0.1392
	Aliquot 2:	0.1373	Aliquot 2:	0.1378

Reported Result: 0.138 g/100 mL

Reported UM: 0.022 g/100 mL

Comments:

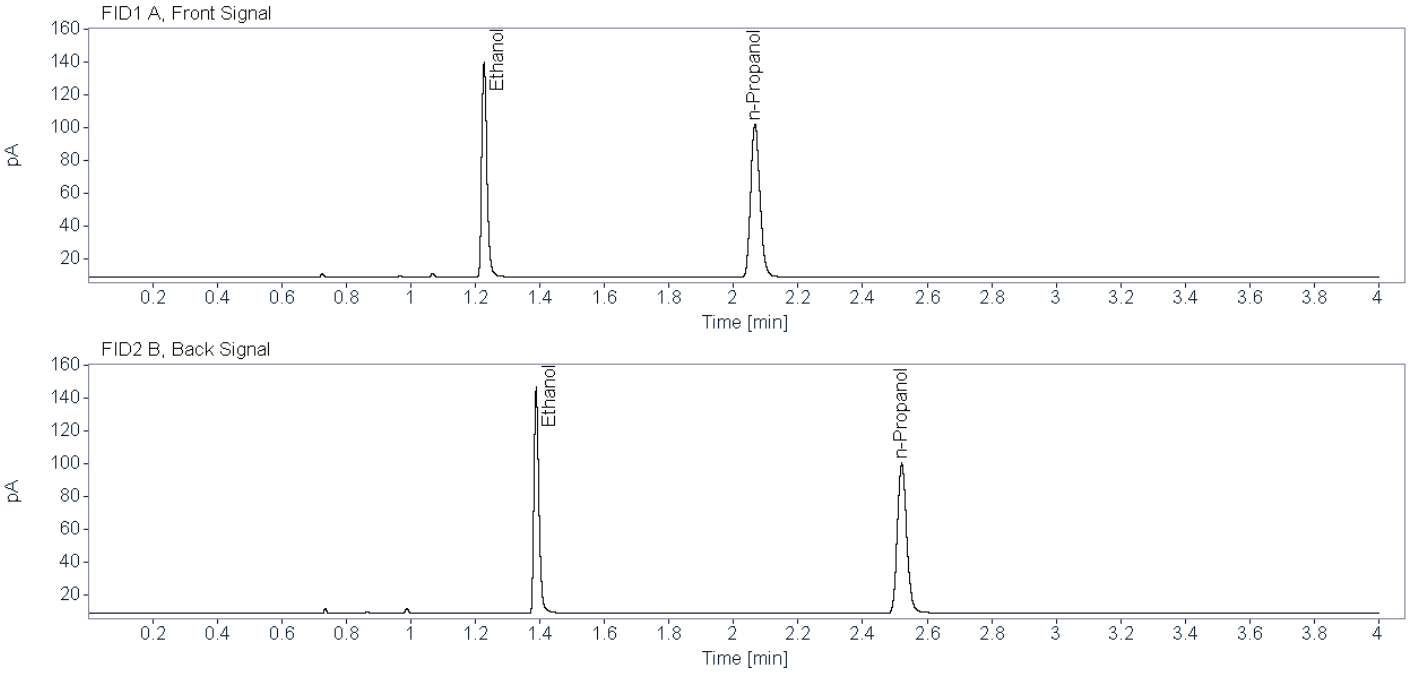
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1184 001_001 (25-1106) **Description:** Alq 1 **Sample Barcode** 25-1106 **Vial Number:** 27

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:35:16 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\027F2701.D



Name FID1A

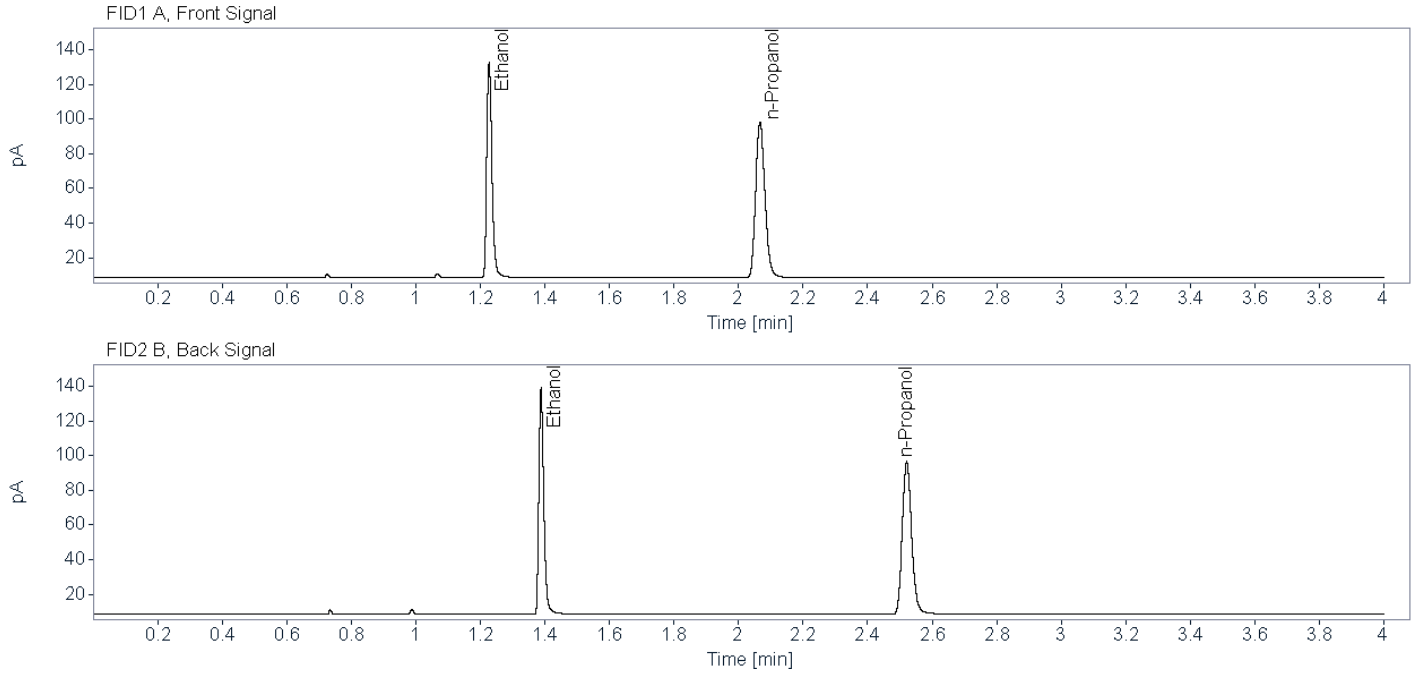
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74182	1.227	1.225	146.7654	0.1392
n-Propanol	0.82699	2.067	2.066	186.1980	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73084	1.388	1.386	146.4359	0.1392
n-Propanol	0.84453	2.521	2.520	184.0928	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1184 001_001 (25-1118) **Description:** Alq 2 **Sample Barcode** 25-1118 **Vial Number:** 39
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:37:39 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73558	1.227	1.225	139.5446	0.1373
n-Propanol	0.82239	2.067	2.066	179.5503	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72340	1.388	1.386	139.2050	0.1378
n-Propanol	0.84159	2.521	2.520	176.8962	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1191 010_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

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:

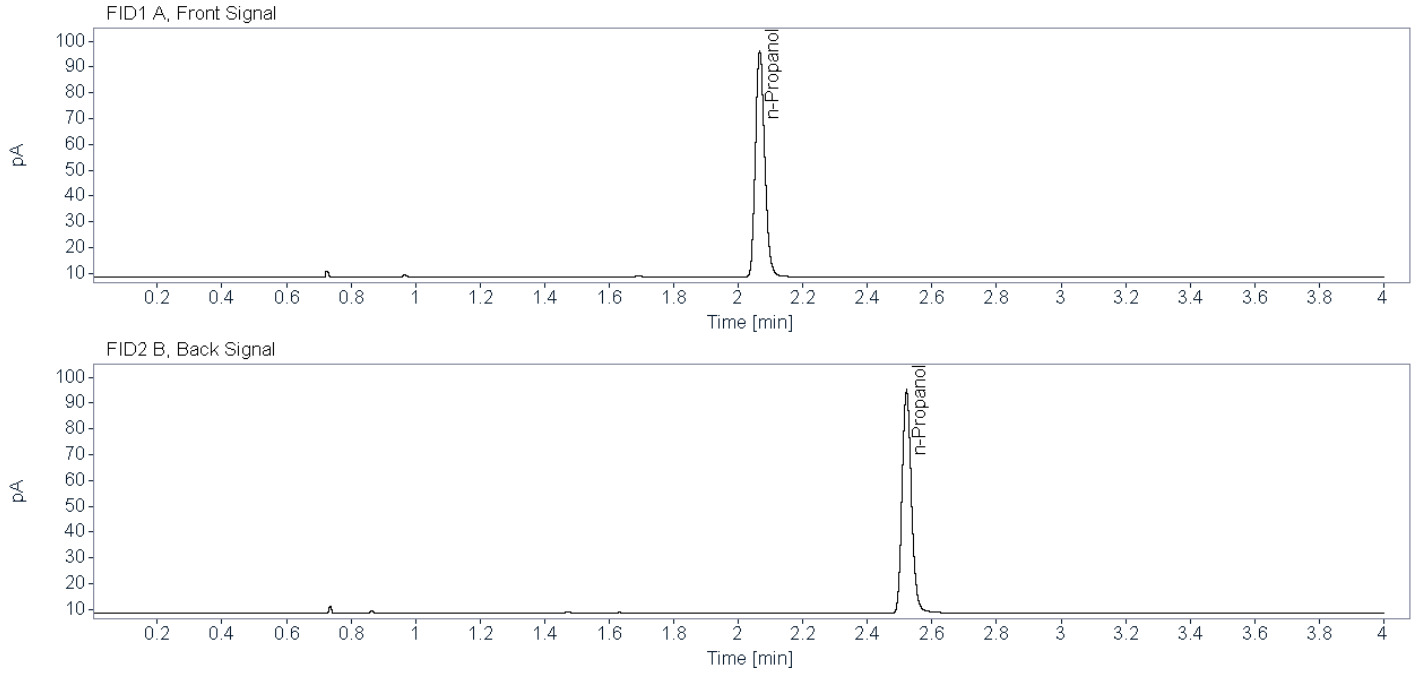
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1191 010_001 (25-1107) **Description:** Alq 1 **Sample Barcode** 25-1107 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:39:57 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\028F2801.D



Name FID1A

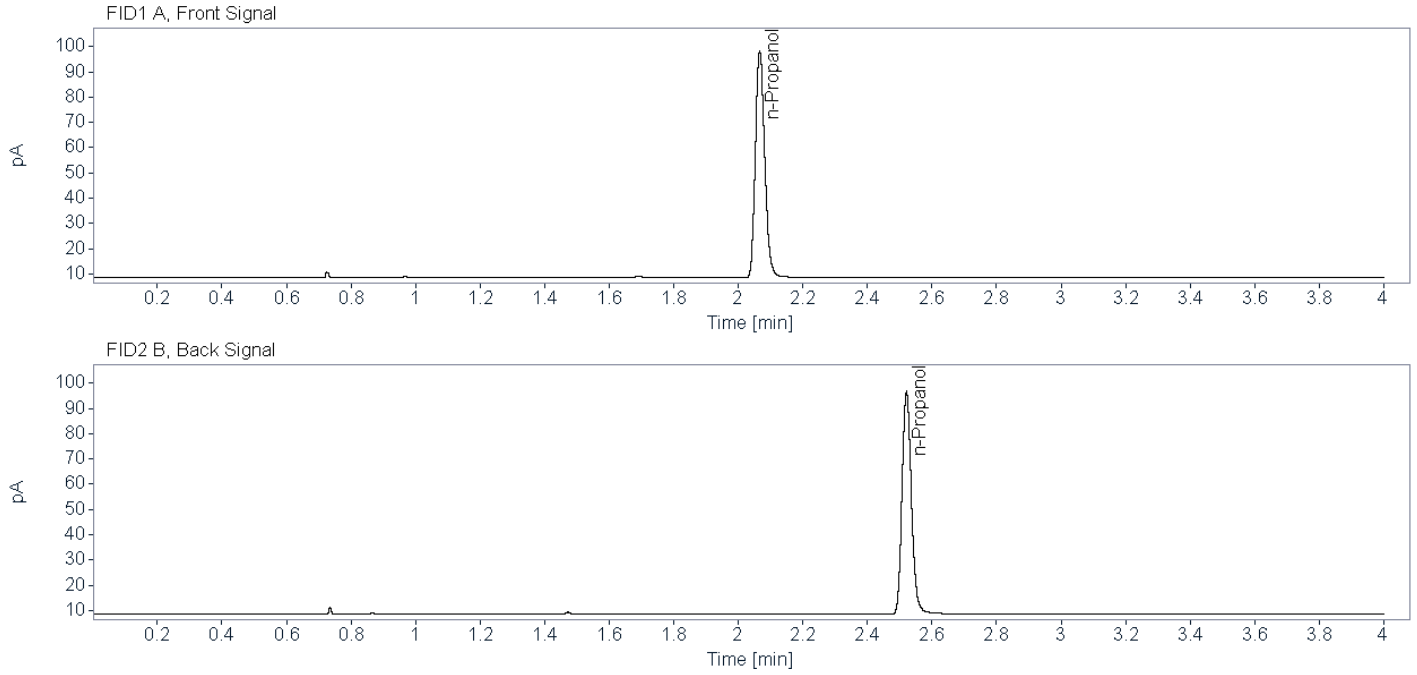
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81646	2.067	2.066	176.0258	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83923	2.521	2.520	173.5553	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1191 010_001 (25-1117) **Description:** Alq 2 **Sample Barcode** 25-1117 **Vial Number:** 38
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:31:58 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81547	2.067	2.066	180.0490	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83847	2.521	2.520	177.3015	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1194 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1548	Aliquot 1:	0.1545
	Aliquot 2:	0.1571	Aliquot 2:	0.1573

Reported Result: 0.155 g/100 mL

Reported UM: 0.025 g/100 mL

Comments:

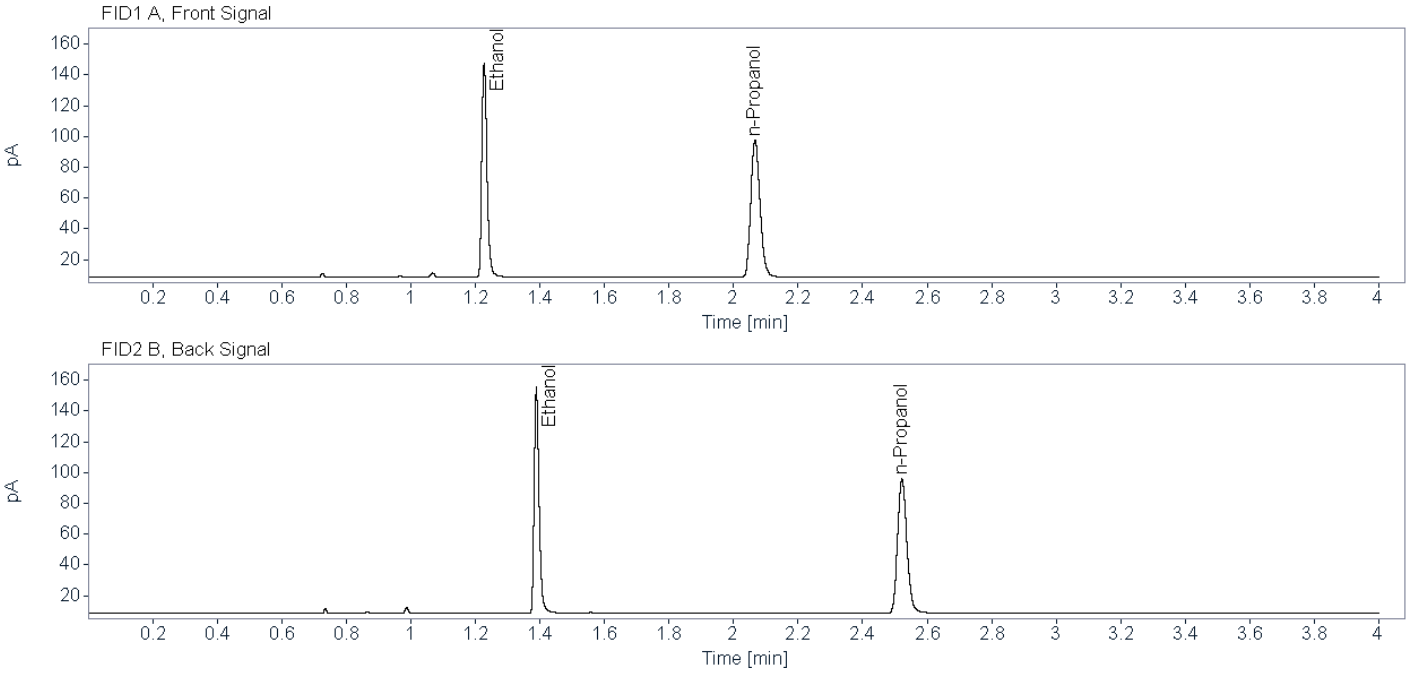
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1194 001_001 (25-1108) **Description:** Alq 1 **Sample Barcode** 25-1108 **Vial Number:** 29

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:45:38 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\029F2901.D



Name FID1A

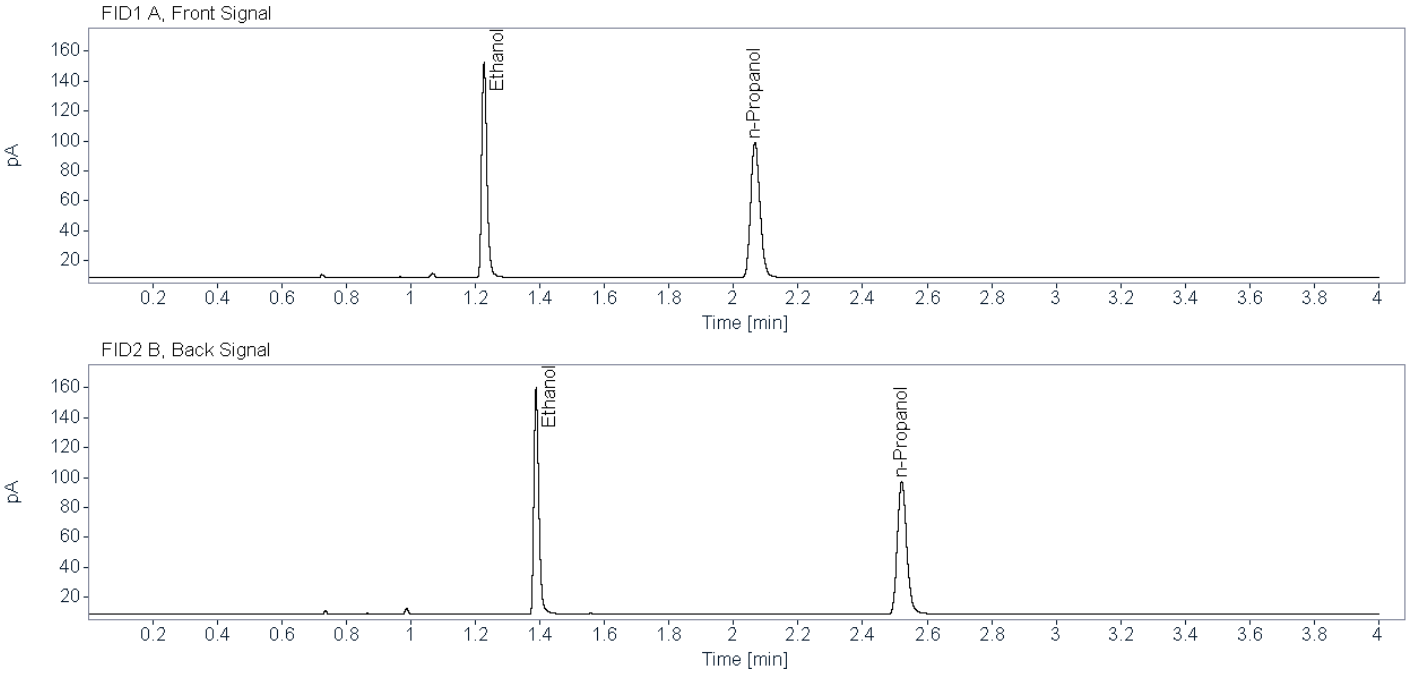
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74711	1.227	1.225	155.8090	0.1548
n-Propanol	0.82494	2.067	2.066	177.6747	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72607	1.389	1.386	154.8735	0.1545
n-Propanol	0.82560	2.522	2.520	175.3160	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1194 001_001 (25-1116) **Description:** Alq 2 **Sample Barcode** 25-1116 **Vial Number:** 37
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:27:14 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76064	1.227	1.225	161.2557	0.1571
n-Propanol	0.82098	2.067	2.066	181.1618	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73421	1.388	1.386	160.8804	0.1573
n-Propanol	0.84026	2.521	2.520	178.8187	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1195 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0519	Aliquot 1:	0.0520
	Aliquot 2:	0.0513	Aliquot 2:	0.0514

Reported Result: **0.051** **g/100 mL**

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

Comments:

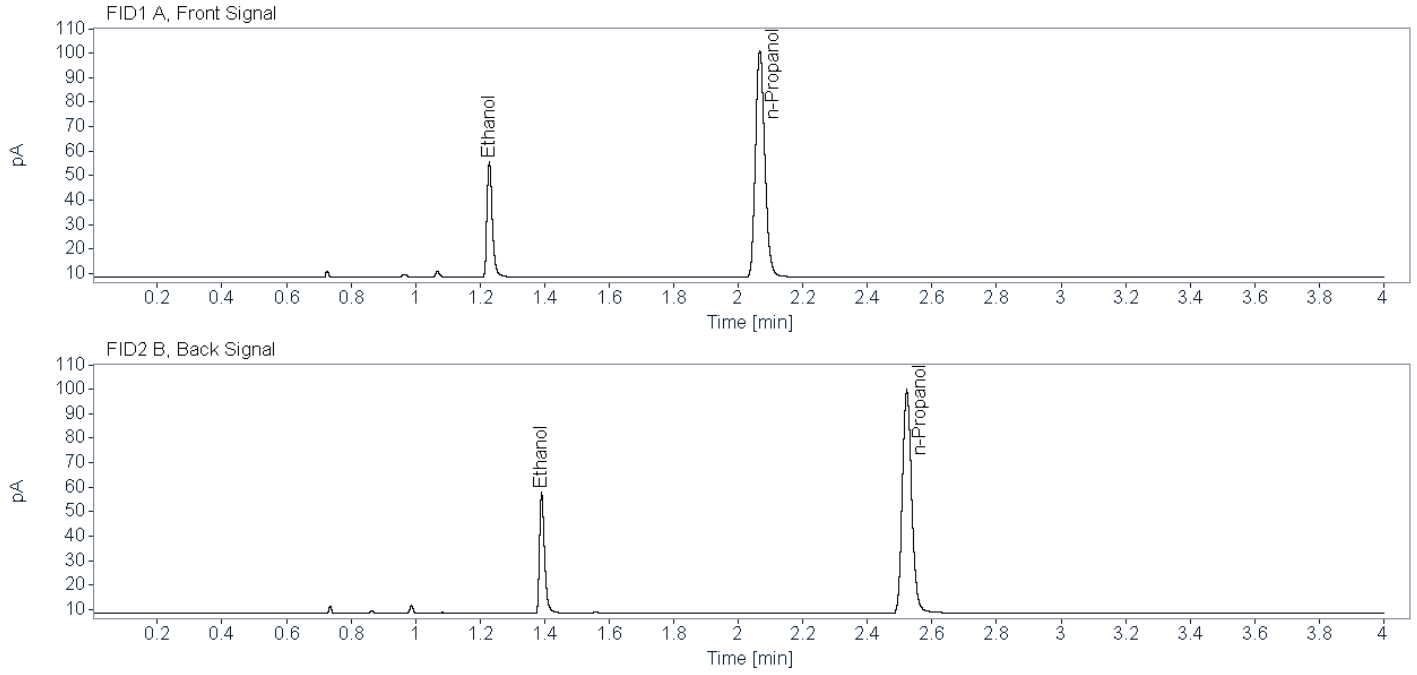
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1195 001_001 (25-1109) **Description:** Alq 1 **Sample Barcode** 25-1109 **Vial Number:** 30

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:50:21 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\030F3001.D



Name FID1A

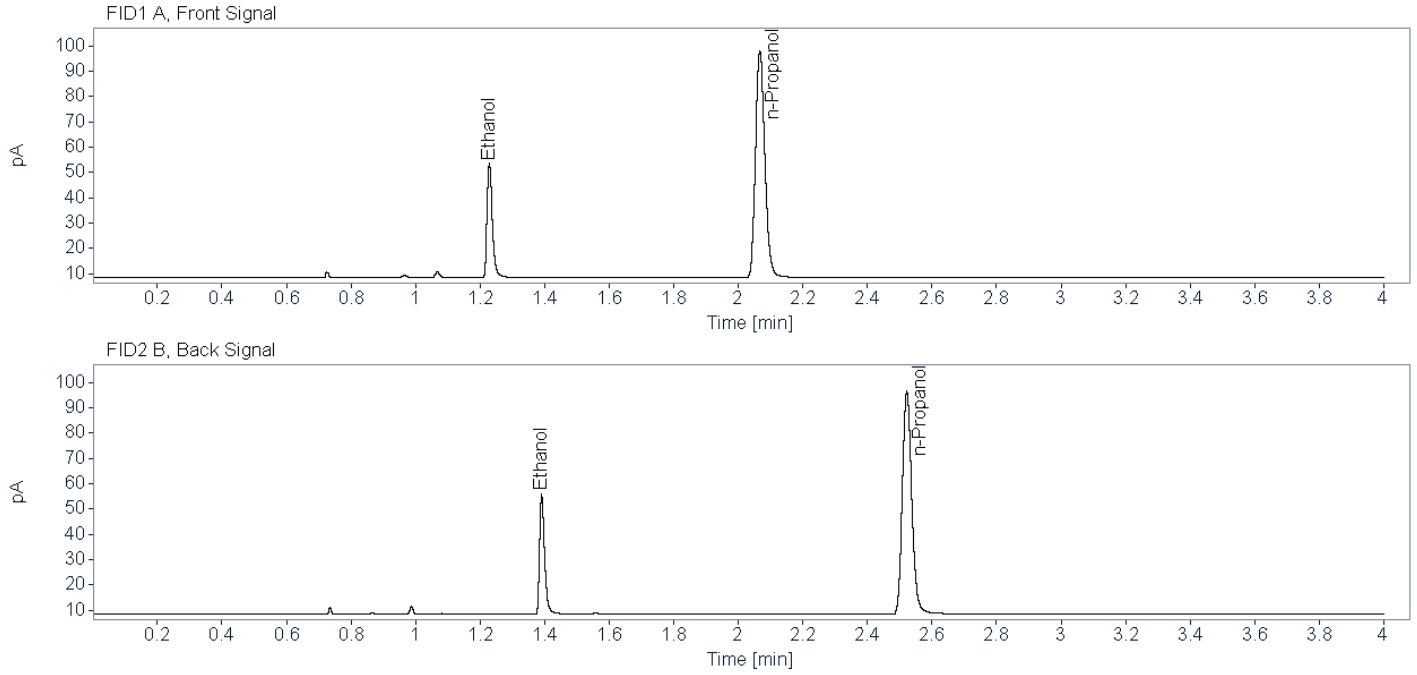
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71442	1.229	1.225	53.7682	0.0519
n-Propanol	0.81946	2.067	2.066	185.3509	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68146	1.391	1.386	53.5658	0.0520
n-Propanol	0.84394	2.522	2.520	183.1267	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1195 001_001 (25-1115) **Description:** Alq 2 **Sample Barcode** 25-1115 **Vial Number:** 36
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:21:34 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71530	1.229	1.225	51.3860	0.0513
n-Propanol	0.81683	2.067	2.066	179.4957	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68314	1.391	1.386	51.2996	0.0514
n-Propanol	0.83975	2.522	2.520	177.2643	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1201 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2026	Aliquot 1:	0.2027
	Aliquot 2:	0.1971	Aliquot 2:	0.1970

Reported Result: **0.199** **g/100 mL**

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

Comments:

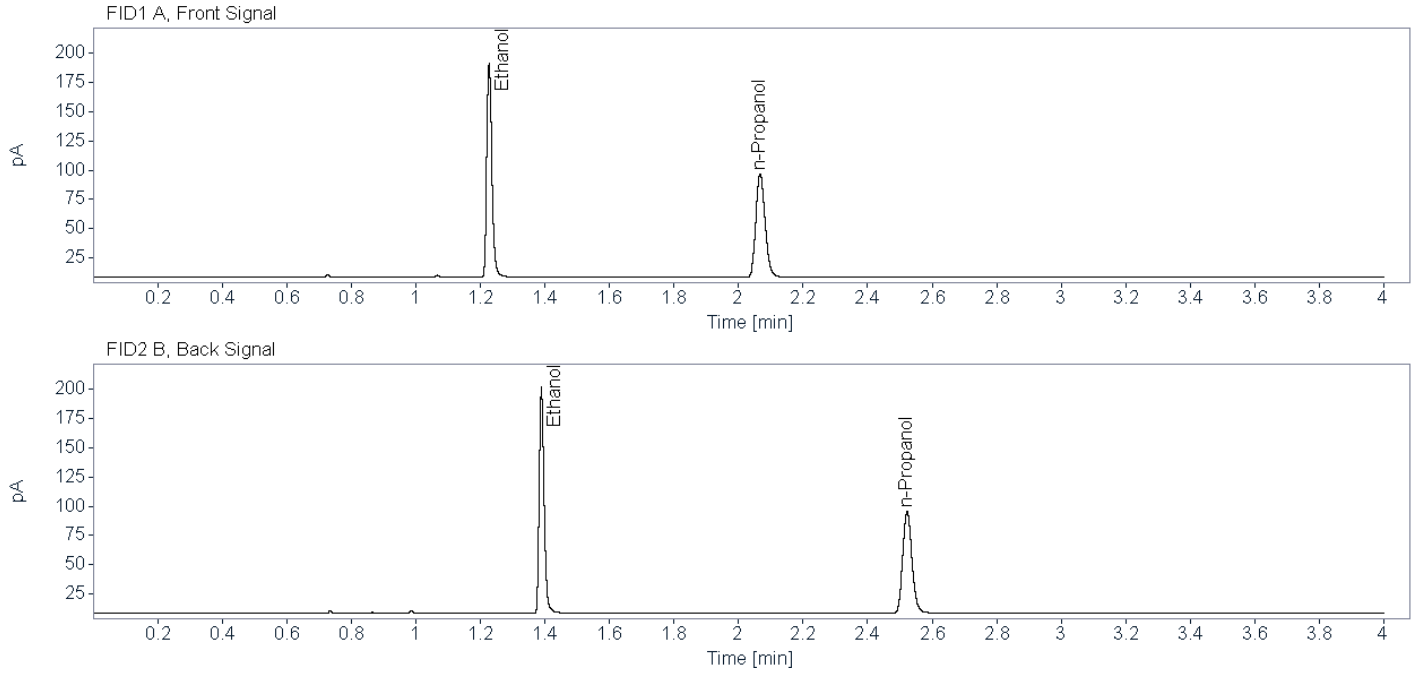
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1201 001_001 (25-1110) **Description:** Alq 1 **Sample Barcode** 25-1110 **Vial Number:** 31

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 4:56:03 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75859	1.227	1.225	203.3725	0.2026
n-Propanol	0.82584	2.067	2.066	176.8373	0.0100

Name FID2B

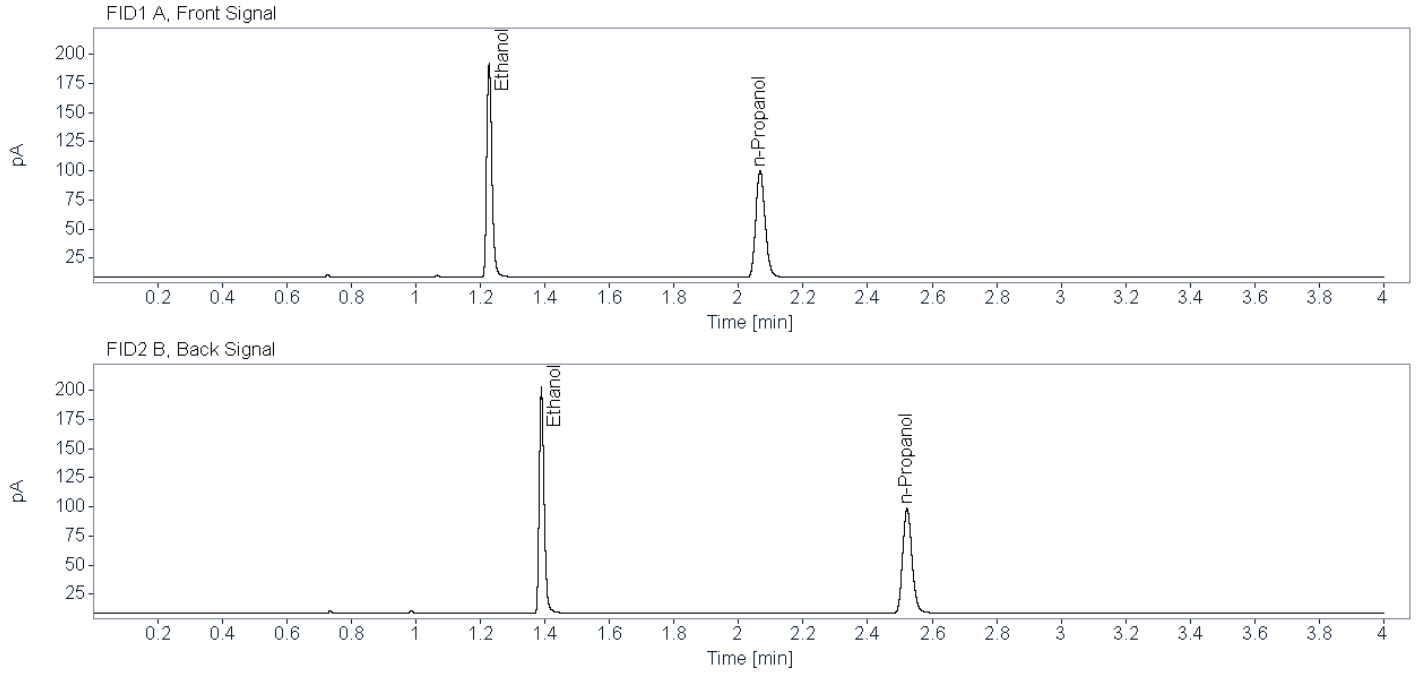
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74449	1.389	1.386	202.5860	0.2027
n-Propanol	0.82633	2.522	2.520	174.4554	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1201 001_001 (25-1114) **Description:** Alq 2 **Sample Barcode** 25-1114 **Vial Number:** 35

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:16:50 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75663	1.227	1.225	204.7036	0.1971
n-Propanol	0.82508	2.067	2.066	182.9685	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74449	1.389	1.386	203.6678	0.1970
n-Propanol	0.82900	2.522	2.520	180.4848	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1221 001_001

Batch Name: BAC_20250724_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1279	Aliquot 1:	0.1277
	Aliquot 2:	0.1266	Aliquot 2:	0.1264

Reported Result: **0.127** **g/100 mL**

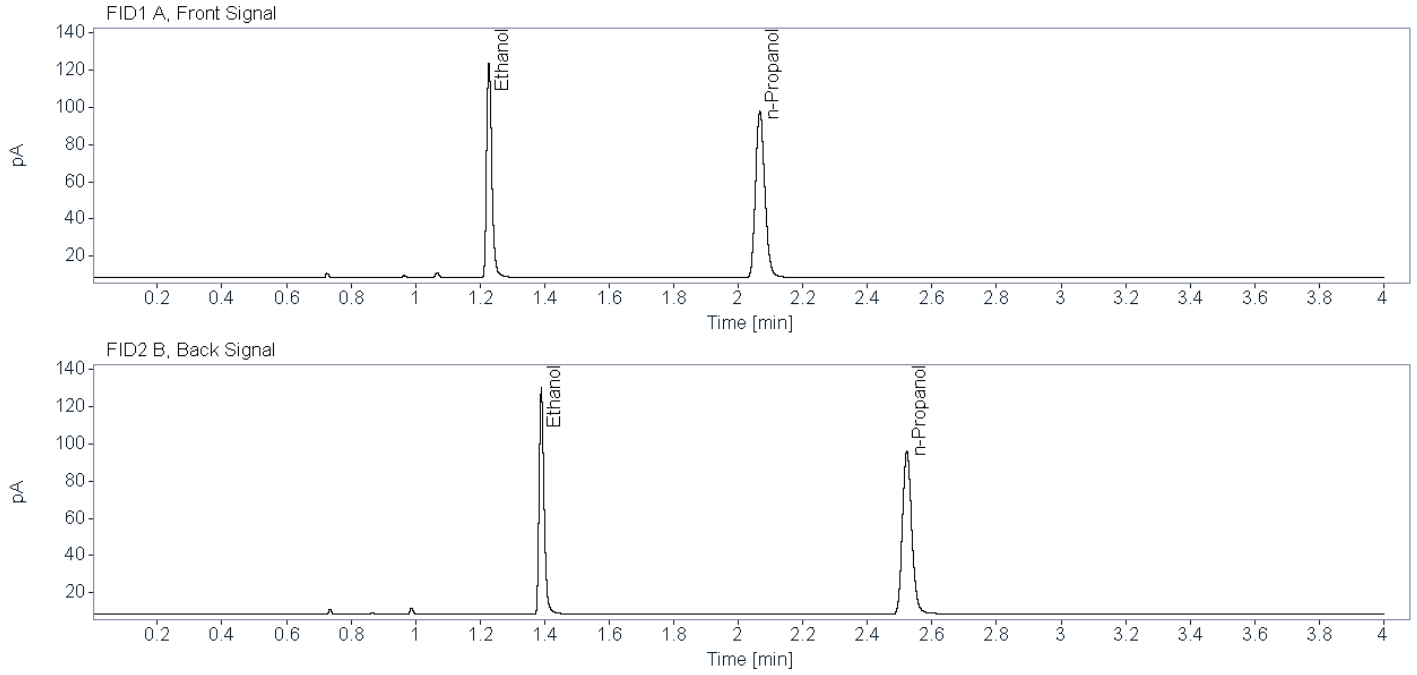
Reported UM: **0.021** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1221 001_001 (25-1111) **Description:** Alq 1 **Sample Barcode** 25-1111 **Vial Number:** 32
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:00:46 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75019	1.228	1.225	129.1833	0.1279
n-Propanol	0.81873	2.067	2.066	178.4564	0.0100

Name FID2B

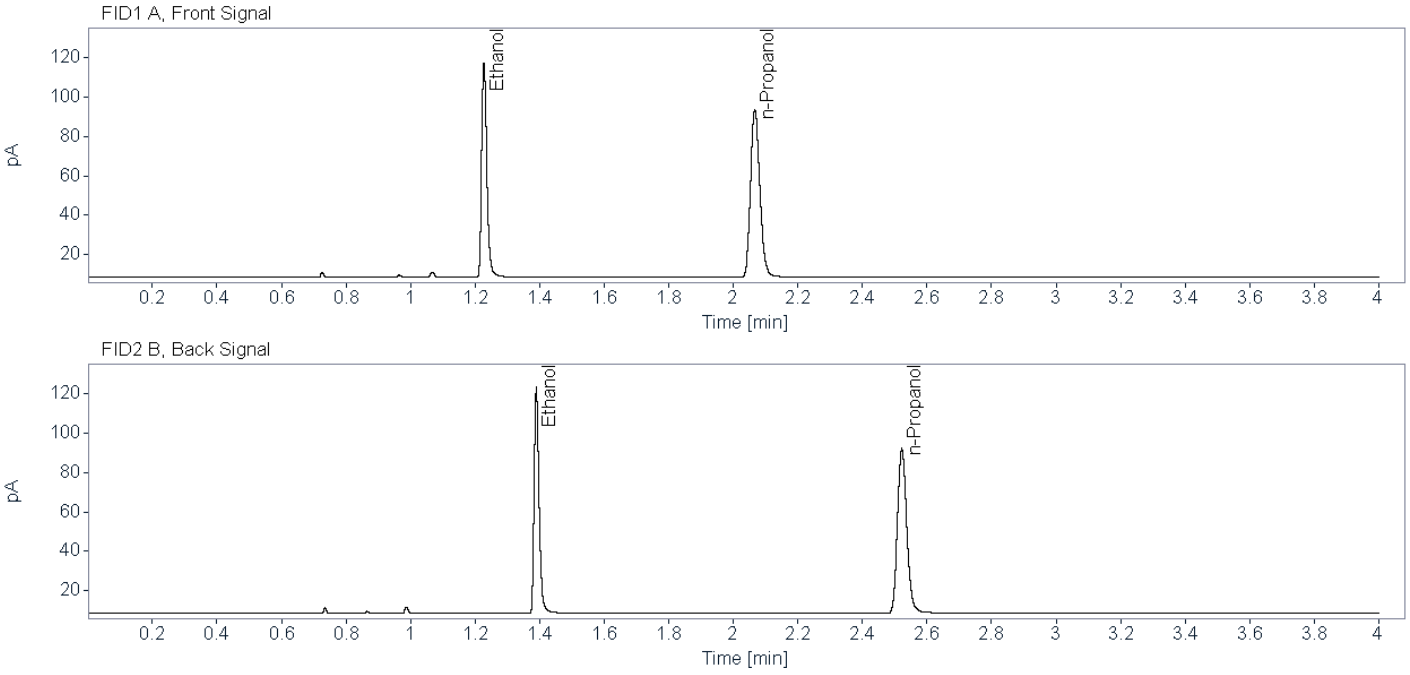
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71602	1.390	1.386	128.5302	0.1277
n-Propanol	0.84152	2.522	2.520	176.3155	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1221 001_001 (25-1113) **Description:** Alq 2 **Sample Barcode** 25-1113 **Vial Number:** 34

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/24/2025 5:11:10 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250724_KB 2025-07-24 14-09-56\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74825	1.228	1.225	122.2100	0.1266
n-Propanol	0.81659	2.067	2.066	170.6474	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71101	1.390	1.386	121.6422	0.1264
n-Propanol	0.83802	2.522	2.520	168.6237	0.0100