Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250721_MH		Analyst Review	Technical Review
BAC Summary	Verify batch name, instrument, analyst, UM%, and QC targets	✓	✓
	Verify Cal 1 obtained values and IS area counts	✓	✓
	Verify IS of all QCs and samples fall within acceptable area count range	✓	✓
BAC Batch Information	IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed	✓	✓
	Confirm standards and/or reagents made in-house are verified	✓	✓
	Pipette(s) listed	✓	✓
Sequence(s)	Verify date is consistent with batch date	✓	✓
	Verify method used for all samples is correct, and all pages accounted for	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓
Method	Verify correct method is included, and all pages accounted for	✓	✓
Performance Check	Verify air blank and PC are acceptable	✓	✓
Calibration Table & Curve	Verify date is consistent with calibration date, and all pages accounted for	✓	✓
	Verify R^2 values are acceptable for ethanol	✓	✓
Data	Verify calibrator area counts listed in the calibration table for ethanol	✓	✓
	Verify chromatography, retention time, and symmetry values are acceptable for ethanol	✓	✓
	Verify calibrators and QCs are within acceptable range for ethanol	✓	✓
	Verify all cases listed on BAC summary have data	✓	✓
	Verify barcodes match	✓	✓
Ethanol Confirmation Worksheet(s)	Verify aliquot values against data for all case samples	✓	✓
	Verify Reported Result and UM for all case samples	✓	✓
JTrax	Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples	✓	✓
Verify QCs were added to QC log		✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓
All printed pages initialed		✓	✓
Total number of pages	108	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.07.22 11:31:22 -05'00'

Date: 7/22/2025

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.07.29 12:07:48 -05'00'

Date: 7/29/2025

Batch Name: BAC_20250721_MH

Technical Review Notes

-N/A -KB 7/29/2025

BAC Summary Worksheet

Batch Name:	BAC_20250721_MH
Instrument:	BAC-2
Analyst:	Melissa Henry
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		175.5604	172.9988
Acceptance Range	**Min**	158.0044	155.6990
	Max	193.1165	190.2987

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	0.0104	0.0103	3.00	0.00	0.97	175.5993	173.4563
0.025 g/100mL Calibrator	0.0248	0.0247	0.0247	-1.20	0.40	0.00	176.3933	173.9558
0.050 g/100mL Calibrator	0.0497	0.0492	0.0494	-1.20	0.61	-0.40	172.8017	170.2613
0.100 g/100mL Calibrator	0.0983	0.0980	0.0981	-1.90	0.20	-0.10	178.5986	175.9346
0.200 g/100mL Calibrator	0.2001	0.2002	0.2001	0.05	0.00	0.05	172.0591	169.3176
0.400 g/100mL Calibrator	0.3993	0.3998	0.3995	-0.13	-0.05	0.08	176.3442	173.5226
0.500 g/100mL Calibrator	0.5025	0.5029	0.5027	0.54	-0.04	0.04	177.1268	174.5437

		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	-	-	-	177.5338	174.6763
High QC	0.3988	0.3985	0.3986	-0.35	0.05	-0.03	178.3178	175.6686
Low QC	0.0784	0.0779	0.0781	-2.38	0.38	-0.26	179.5000	176.4468
Blood QC A	0.0758	0.0755	0.0756	-4.06	0.26	-0.13	175.5290	172.7392
Blood QC B	0.1861	0.1860	0.1860	-2.97	0.05	0.00	176.3517	173.5725
Blood QC A	0.0766	0.0769	0.0767	-2.66	-0.13	0.26	167.5008	164.7069
Blood QC B	0.1953	0.1956	0.1954	1.93	-0.05	0.10	176.5778	173.5611
Blood QC A	0.0757	0.0761	0.0759	-3.68	-0.26	0.26	172.7176	169.7079
High QC	0.4132	0.4145	0.4138	3.45	-0.14	0.17	174.8049	171.7586
Low QC	0.0805	0.0806	0.0805	0.63	0.00	0.12	165.9151	163.1464
DI Water	0.0000	0.0000	0.0000	-	-	-	176.1926	173.2602

		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-25-0928 001_001	0.2444	0.2441	0.2512	0.2526	0.248	0.040	-1.48	-1.60	1.26	1.82	181.5259	178.7772	172.9002	169.6251
2	BCCL-25-0982 001_001	0.2680	0.2686	0.2708	0.2714	0.269	0.043	-0.63	-0.41	0.41	0.63	180.2885	177.2543	173.9701	171.1102
3	BCCL-25-0983 002_001	0.1236	0.1227	0.1212	0.1217	0.122	0.020	1.06	0.33	-0.90	-0.49	179.8758	177.3394	174.1207	171.1198
4	BCCL-25-0996 002_001	0.2044	0.2048	0.2091	0.2092	0.206	0.033	-1.20	-1.00	1.08	1.12	181.3820	178.3281	176.2237	173.3544
5	BCCL-25-1008 001_001	0.2205	0.2203	0.2268	0.2270	0.223	0.036	-1.41	-1.50	1.41	1.50	177.6230	174.9473	173.1331	170.0316
6	BCCL-25-1009 001_001	0.2369	0.2375	0.2460	0.2468	0.241	0.039	-2.03	-1.78	1.74	2.07	178.6116	175.2210	175.7334	172.6077
7	BCCL-25-1010 001_001	0.1392	0.1390	0.1655	0.1655	~~0.152~~	~~0.025~~	-8.60	-8.73	8.67	8.67	183.4056	180.3923	174.6774	171.8318
8	**BCCL-25-1085 001_001**	0.0000	0.0000	0.0000	0.0000	none detected	7/22/2025 mh	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	177.3580	174.6335	176.4382	173.7933
9	BCCL-25-1102 001_001	0.1962	0.1964	0.1980	0.1980	0.197	0.032	-0.48	-0.38	0.43	0.43	182.1475	179.0900	173.8461	170.7824
10	**BCCL-25-1103 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	176.2610	173.7029	174.7246	171.8557
11	BCCL-25-1118 001_001	0.1315	0.1311	0.1296	0.1293	0.130	0.021	0.86	0.56	-0.59	-0.82	178.5597	175.6921	174.5653	171.8338
12	**BCCL-25-1123 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	176.3686	173.5125	175.6125	172.7819
13	BCCL-25-1124 005_001	0.1780	0.1777	0.1841	0.1842	0.181	0.029	-1.66	-1.82	1.71	1.77	179.3651	176.5816	172.9267	170.0022
14	**BCCL-25-1125 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	177.4613	174.8009	174.4730	171.7169
15	BCCL-25-1126 001_001	0.1973	0.1970	0.1879	0.1880	0.192	0.031	2.47	2.31	-2.41	-2.36	177.3361	174.2169	175.8519	172.8505
16	BCCL-25-1127 001_001	0.2186	0.2179	0.2181	0.2177	0.218	0.035	0.24	-0.08	0.01	-0.17	174.1587	171.4664	177.6793	174.7339
17	**BCCL-25-1139 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	169.9800	167.3494	178.3165	175.7320
18	**BCCL-25-1140 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	177.7494	174.8438	172.2864	169.4629
19	**BCCL-25-1141 006_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	180.0096	177.2719	175.6238	172.7180
20	BCCL-25-1143 001_001	0.2278	0.2279	0.2172	0.2171	0.222	0.036	2.38	2.43	-2.38	-2.43	177.1483	174.0020	177.6052	174.6495

Melissa Henry

Digitally signed by Melissa Henry
Date: 2025.07.22 11:30:43 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20250721-MH **Analyst:** Melissa Henry **Instrument:** BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-S008U
Cal 2	FN03122112	3/31/2026	S-23-S009F
Cal 3	FN03172301	3/31/2028	S-23-S010I
Cal 4	FN03072301	3/31/2028	S-23-S011I
Cal 5	FN03132302	3/31/2028	S-23-S012H
Cal 6	FN03052102	3/31/2026	S-23-S013I
Cal 7	FN06262004	7/31/2025	S-23-S014J
High QC	12052023-B	5/31/2028	S-24-S080F
Low QC	1-H14554666WA	4/8/2029	S-25-S073A
Blood QC A	2401241	2/28/2028	S-24-S002I
Blood QC B	2302120	5/31/2027	S-24-S003I
Internal Standard	N/A	8/1/2025	R-25-S001
Pipette(s)	S053, 205L		

Comments:

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC-20250721-MH

Worklist ID: G740Y6GVQS3XXB

Case #	Evid #	Evid Type	Service
BCCL-25-0928	001_001	Blood	Alcohol
BCCL-25-0982	001_001	Blood	Alcohol
BCCL-25-0983	002_001	Blood	Alcohol
BCCL-25-0996	002_001	Blood	Alcohol
BCCL-25-1008	001_001	Blood	Alcohol
BCCL-25-1009	001_001	Blood	Alcohol
BCCL-25-1010	001_001	Blood	Alcohol
BCCL-25-1085	001_001	Blood	Alcohol
BCCL-25-1102	001_001	Blood	Alcohol
BCCL-25-1103	001_001	Blood	Alcohol
BCCL-25-1118	001_001	Blood	Alcohol
BCCL-25-1123	001_001	Blood	Alcohol
BCCL-25-1124	005_001	Blood	Alcohol

BAC_20250721_MH

Case #	Evid #	Evid Type	Service
BCCL-25-1125	001_001	Blood	Alcohol
BCCL-25-1126	001_001	Blood	Alcohol
BCCL-25-1127	001_001	Blood	Alcohol
BCCL-25-1139	001_001	Blood	Alcohol
BCCL-25-1140	001_001	Blood	Alcohol
BCCL-25-1141	006_001	Blood	Alcohol
BCCL-25-1143	001_001	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2025\BAC_20250721_MH.S
Operator : Melissa Henry
Data File Naming : Auto
Data Directory : C:\Chem32\2\Data\
Data Subdirectory : 2025
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\", "shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE: verified by KB 7/21/2025

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-1021)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1
Update RF : Replace
Update RT : Replace

==========

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (25-1022)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2
Update RF : Replace
Update RT : Replace

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Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (25-1023)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3
Update RF : Replace
Update RT : Replace

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mh

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Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (25-1078)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (25-1025)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (25-1026)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (25-1027)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace
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Line                : 8
Location            : 8
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Sample Information :
Sample Name : Negative (25-1028)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-1029)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (25-1030)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-1031)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-25-0928 001_001 (25-1032)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-0982 001_001 (25-1033)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

Sample Information : Alq 1
Sample Name : BCCL-25-0983 002_001 (25-1034)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-0996 002_001 (25-1035)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-25-1008 001_001 (25-1036)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-1009 001_001 (25-1037)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-1010 001_001 (25-1038)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-1085 001_001 (25-1039)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

Sample Information : Alq 1
Sample Name : BCCL-25-1102 001_001 (25-1040)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-1103 001_001 (25-1041)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (25-1042)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-1118 001_001 (25-1043)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-1123 001_001 (25-1044)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-1124 005_001 (25-1045)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

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Sample Information : Alq 1
Sample Name : BCCL-25-1125 001_001 (25-1046)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-1126 001_001 (25-1047)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-25-1127 001_001 (25-1048)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-1139 001_001 (25-1049)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-1140 001_001 (25-1050)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-1141 006_001 (25-1051)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

Sample Information : Alq 1
Sample Name : BCCL-25-1143 001_001 (25-1052)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-1053)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 2
Sample Name : BCCL-25-1143 001_001 (25-1054)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-25-1141 006_001 (25-1055)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-25-1140 001_001 (25-1056)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-25-1139 001_001 (25-1057)
Method Name : BAC
Sample Type : Sample

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Line : 38
Location : 38

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Sample Information : Alq 2
Sample Name : BCCL-25-1127 001_001 (25-1058)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-25-1126 001_001 (25-1059)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information : Alq 2
Sample Name : BCCL-25-1125 001_001 (25-1060)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-25-1124 005_001 (25-1061)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-25-1123 001_001 (25-1062)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-25-1118 001_001 (25-1063)
Method Name : BAC
Sample Type : Sample

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Line : 44
Location : 44

Sample Information :
Sample Name : Blood QC B (25-1064)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-1103 001_001 (25-1065)
Method Name : BAC
Sample Type : Sample

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Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-25-1102 001_001 (25-1066)
Method Name : BAC
Sample Type : Sample

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Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-1085 001_001 (25-1067)
Method Name : BAC
Sample Type : Sample

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Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-1010 001_001 (25-1068)
Method Name : BAC
Sample Type : Sample

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Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-1009 001_001 (25-1069)
Method Name : BAC
Sample Type : Sample

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Line : 50
Location : 50

Sample Information : Alq 2
Sample Name : BCCL-25-1008 001_001 (25-1070)
Method Name : BAC
Sample Type : Sample

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Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-0996 002_001 (25-1071)
Method Name : BAC
Sample Type : Sample

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Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-25-0983 002_001 (25-1072)
Method Name : BAC
Sample Type : Sample

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Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-0982 001_001 (25-1079)
Method Name : BAC
Sample Type : Sample

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Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-25-0928 001_001 (25-1073)
Method Name : BAC
Sample Type : Sample

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Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (25-1074)
Method Name : BAC
Sample Type : Sample

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Line : 56
Location : 56

Sample Information :
Sample Name : High QC (25-1075)
Method Name : BAC
Sample Type : Sample

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Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (25-1076)
Method Name : BAC
Sample Type : Sample

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Line : 58
Location : 58
Sample Information :
Sample Name : DI Water (25-1077)
Method Name : BAC
Sample Type : Sample

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mh

method: C:\Chem32\2\Methods\BAC.M
Modified on: 6/13/2025 at 9:25:32 AM

Method Information

Method: C:\Chem32\2\Methods\BAC.M
Modified: 6/13/2025 at 9:25:32 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 10.1.1.101
Injection Location:	GC Front

method: C:\Chem32\2\Methods\BAC.M
Modified on: 6/13/2025 at 9:25:32 AM

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Agilent 7890B

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GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven
Temperature

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

Front SS Inlet He

Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 81.121 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min

Column
Column #1
Pressure

Setpoint	On
(Initial)	24 psi
Post Run	24 psi

Agilent 123-9134
DB-ALC1
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.8 µm

Column lock	Unlocked
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

Column #2
Pressure

Setpoint	On

method: C:\Chem32\2\Methods\BAC.M
Modified on: 6/13/2025 at 9:25:32 AM

(Initial)	24 psi
Post Run	24 psi

Agilent 123-9234
DB-ALC2
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.2 µm

Column lock	Unlocked
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
Column Outlet Pressure	0 psi

Front Detector FID

Makeup	N2
	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
Electrometer	On

Back Detector FID

Makeup	N2
	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
Electrometer	On

Signals
Signal #1: Front Signal

Description	Front Signal
Details	Front Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Front Sample

Signal #2: Back Signal

Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Back Sample

method: C:\Chem32\2\Methods\BAC.M
Modified on: 6/13/2025 at 9:25:32 AM

Signal #3: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Dual Injection Assignment	Back Sample
Signal #4: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Dual Injection Assignment	Back Sample

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Agilent 7697A

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Agilent 7697A

Instrument Info

Address:	10.1.1.101
Serial Number:	CN16210024
Firmware Revision:	A.01.08.1

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	OFF
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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 6/13/2025 at 9:25:32 AM

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

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\2\Methods\BAC.M
Modified on: 6/13/2025 at 9:25:32 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_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

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_FID"

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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 6/13/2025 at 9:25:32 AM

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

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

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

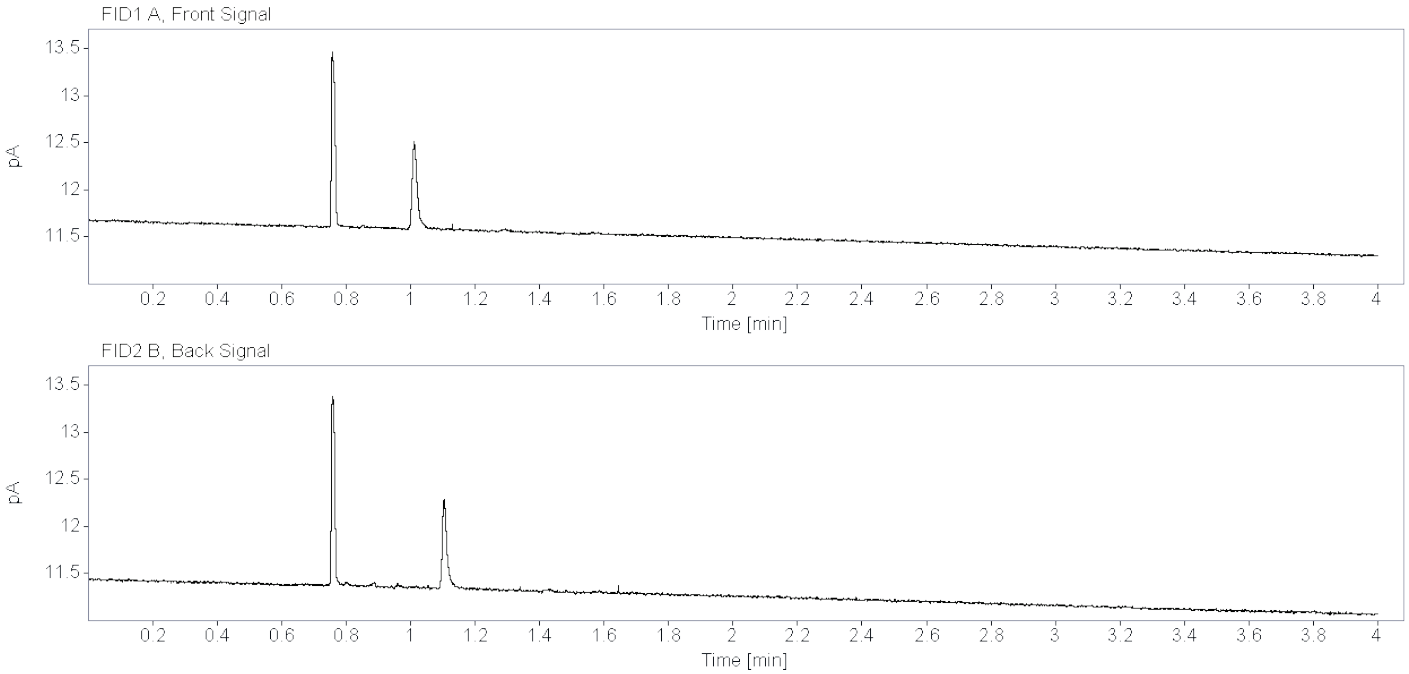
Detector Default Integration Event Table "Event_uECD"

Event	Value	Time
Initial Slope Sensitivity	500.000	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

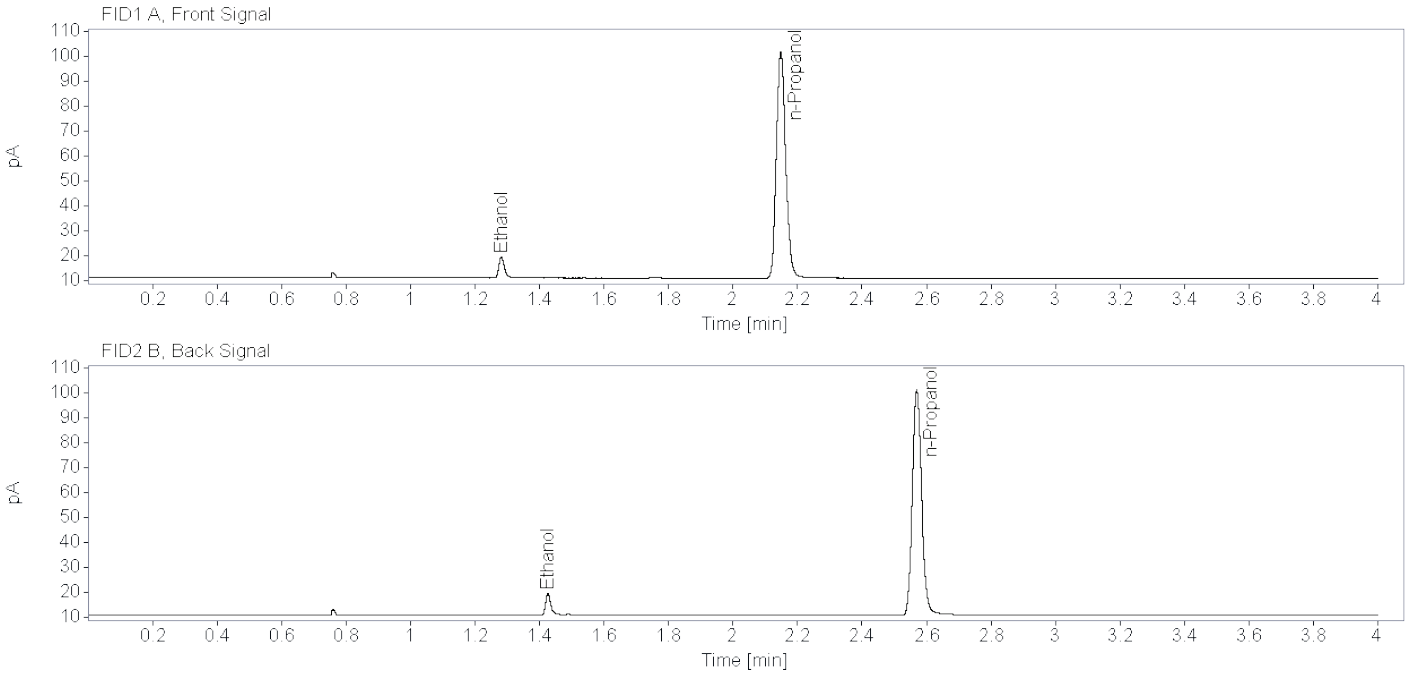
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 10:21:20 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721PC_MH 2025-07-21 10-11-26\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 10:26:03 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721PC_MH 2025-07-21 10-11-26\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74853	1.282	1.282	9.8396	0.0103
n-Propanol	0.83604	2.148	2.148	181.4633	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72819	1.426	1.425	9.5071	0.0108
n-Propanol	0.87098	2.570	2.568	179.3839	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 7/22/2025 8:13:03 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
1.278	1	1	1.00000e-2	9.43682	1.05968e-3	No	No	1	Ethanol
		2	2.50000e-2	23.97502	1.04275e-3				
		3	5.00000e-2	47.88840	1.04409e-3				
		4	1.00000e-1	98.70356	1.01313e-3				
		5	2.00000e-1	194.25305	1.02958e-3				
		6	4.00000e-1	398.11279	1.00474e-3				
		7	5.00000e-1	503.38931	9.93267e-4				
1.422	2	1	1.00000e-2	9.24458	1.08171e-3	No	No	2	Ethanol
		2	2.50000e-2	23.54220	1.06192e-3				
		3	5.00000e-2	46.98393	1.06419e-3				
		4	1.00000e-1	97.79910	1.02250e-3				
		5	2.00000e-1	193.46225	1.03379e-3				
		6	4.00000e-1	397.17584	1.00711e-3				
		7	5.00000e-1	502.75473	9.94521e-4				
2.148	1	1	1.00000e-2	175.59927	5.69478e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	176.39334	5.66915e-5				
		3	1.00000e-2	172.80171	5.78698e-5				
		4	1.00000e-2	178.59860	5.59915e-5				
		5	1.00000e-2	172.05913	5.81196e-5				
		6	1.00000e-2	176.34421	5.67073e-5				
		7	1.00000e-2	177.12675	5.64567e-5				
2.569	2	1	1.00000e-2	173.45627	5.76514e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	173.95583	5.74859e-5				
		3	1.00000e-2	170.26126	5.87333e-5				
		4	1.00000e-2	175.93460	5.68393e-5				
		5	1.00000e-2	169.31764	5.90606e-5				
		6	1.00000e-2	173.52261	5.76294e-5				
		7	1.00000e-2	174.54367	5.72923e-5				

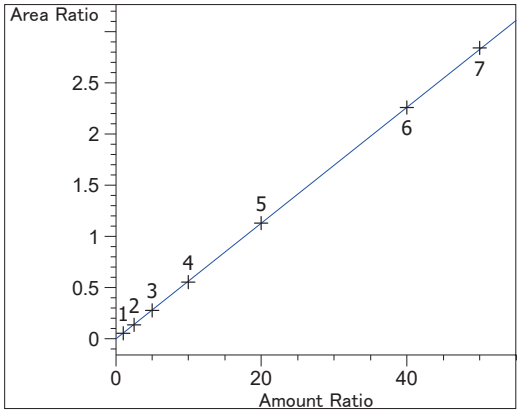
Peak Sum Table

No Entries in table

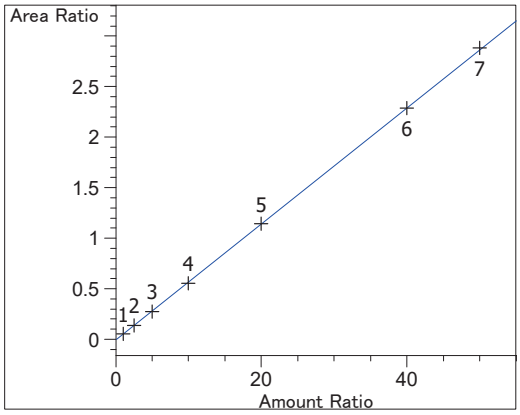
1 Warnings or Errors :

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

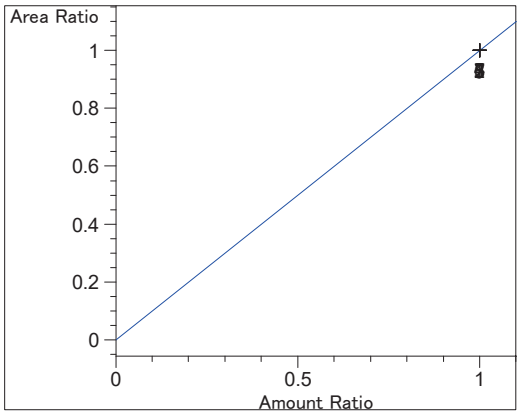
Calibration Curves



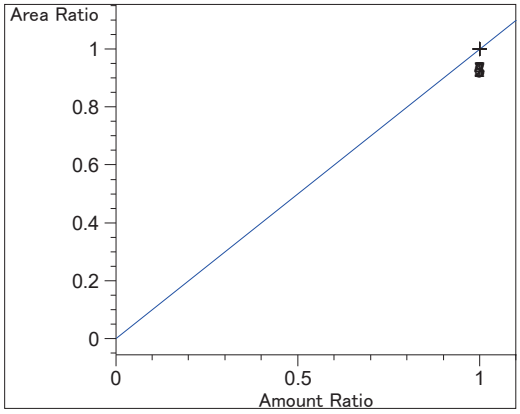
Ethanol at exp. RT: 1.278
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00788
Formula: y = mx + b
m: 5.66435e-2
b: -4.42729e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.395391
Level 3 : 0.193919
Level 4 : 0.097241
Level 5 : 0.047601
Level 6 : 0.023804
Level 7 : 0.01891



Ethanol at exp. RT: 1.422
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00935
Formula: y = mx + b
m: 5.74101e-2
b: -6.48265e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.393812
Level 3 : 0.193136
Level 4 : 0.095877
Level 5 : 0.046645
Level 6 : 0.023285
Level 7 : 0.018503



n-Propanol at exp. RT: 2.148
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

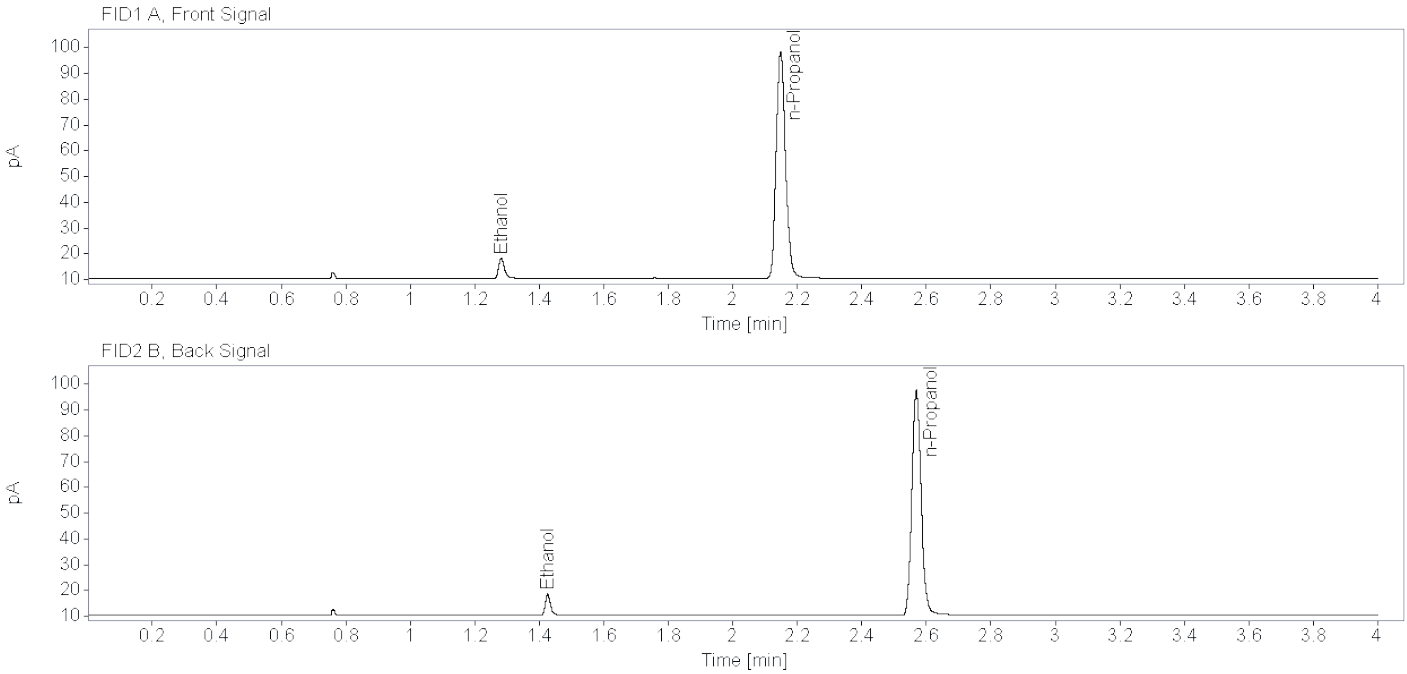


n-Propanol at exp. RT: 2.569
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-1021) **Description:** **Sample Barcode** 25-1021 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:00:50 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\001F0101.D



Name FID1A

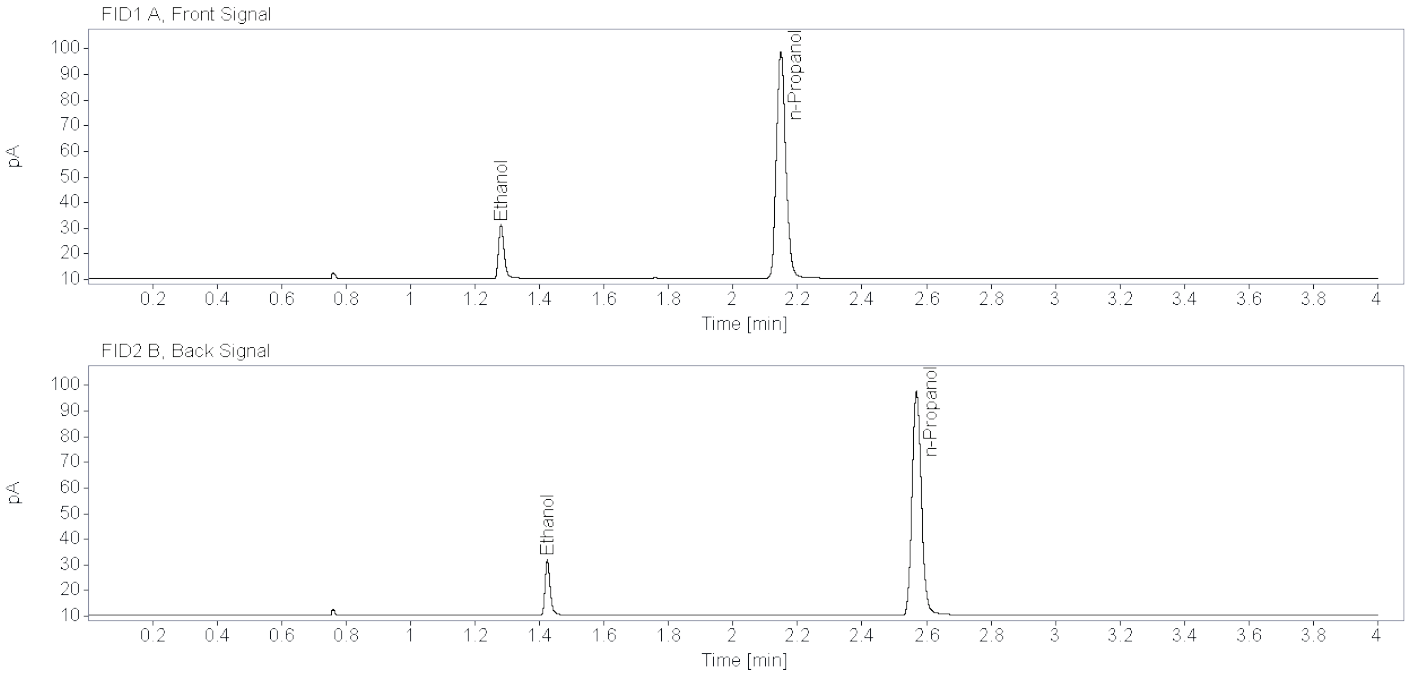
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74087	1.282	1.282	9.4368	0.0103
n-Propanol	0.83704	2.148	2.148	175.5993	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72451	1.426	1.426	9.2446	0.0104
n-Propanol	0.86639	2.569	2.569	173.4563	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-1022) **Description:** **Sample Barcode** 25-1022 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:05:33 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\002F0201.D



Name FID1A

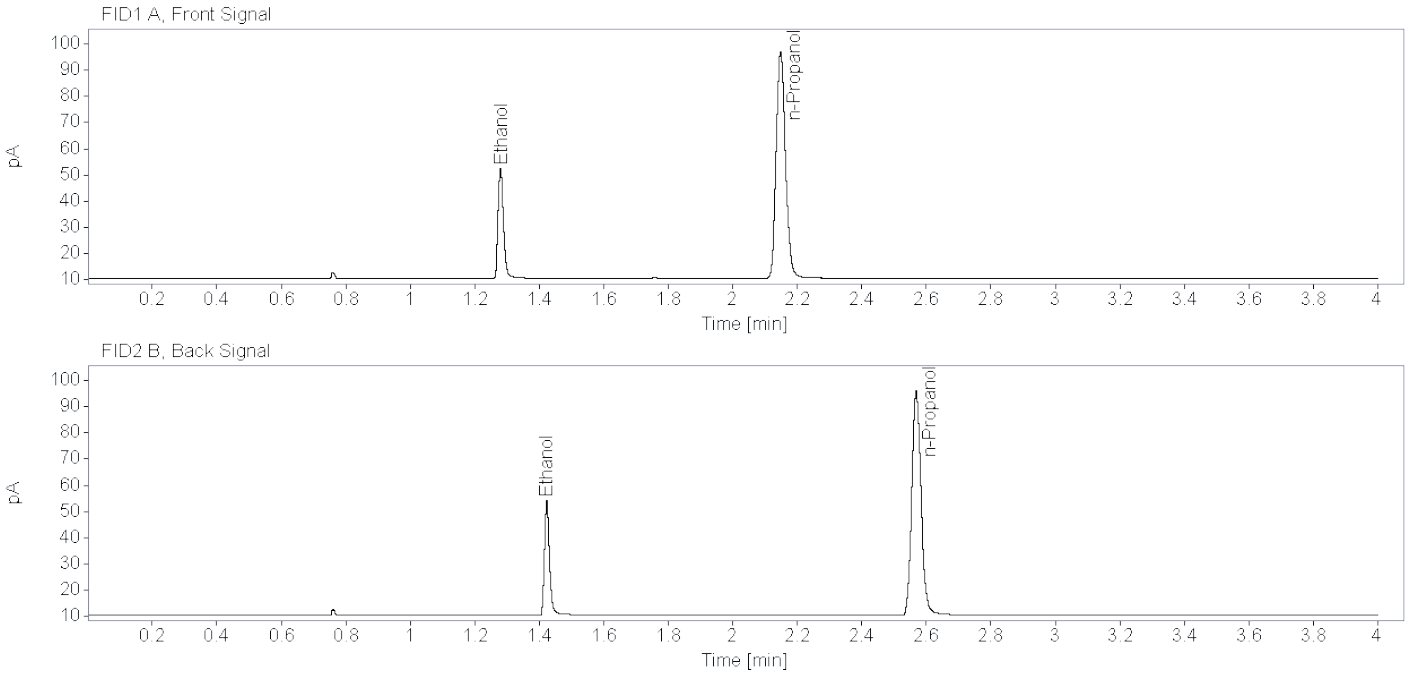
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75232	1.281	1.281	23.9750	0.0248
n-Propanol	0.82468	2.148	2.148	176.3933	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73537	1.424	1.424	23.5422	0.0247
n-Propanol	0.86097	2.569	2.569	173.9558	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-1023) **Description:** **Sample Barcode** 25-1023 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:11:14 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\003F0301.D



Name FID1A

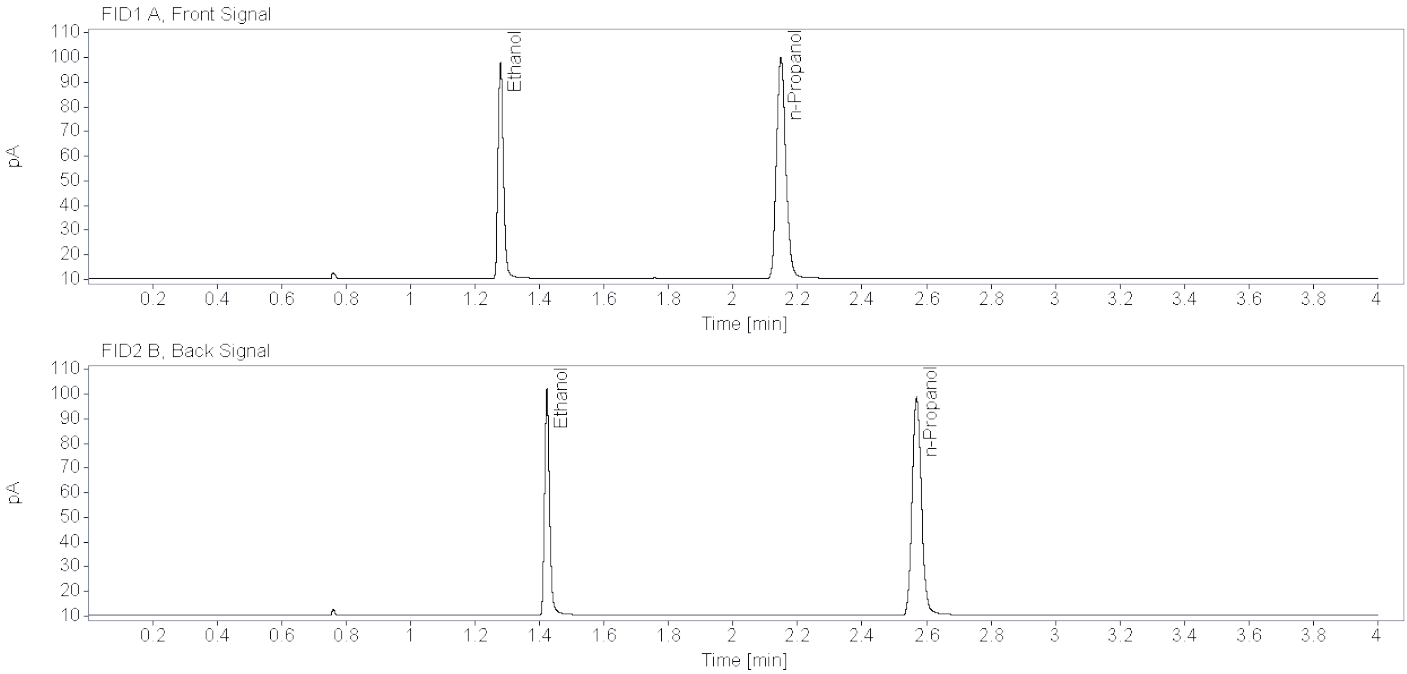
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76477	1.280	1.280	47.8884	0.0497
n-Propanol	0.83561	2.148	2.148	172.8017	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73714	1.423	1.423	46.9839	0.0492
n-Propanol	0.87518	2.569	2.569	170.2613	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-1078) **Description:** **Sample Barcode** 25-1078 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:15:57 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\004F0401.D



Name FID1A

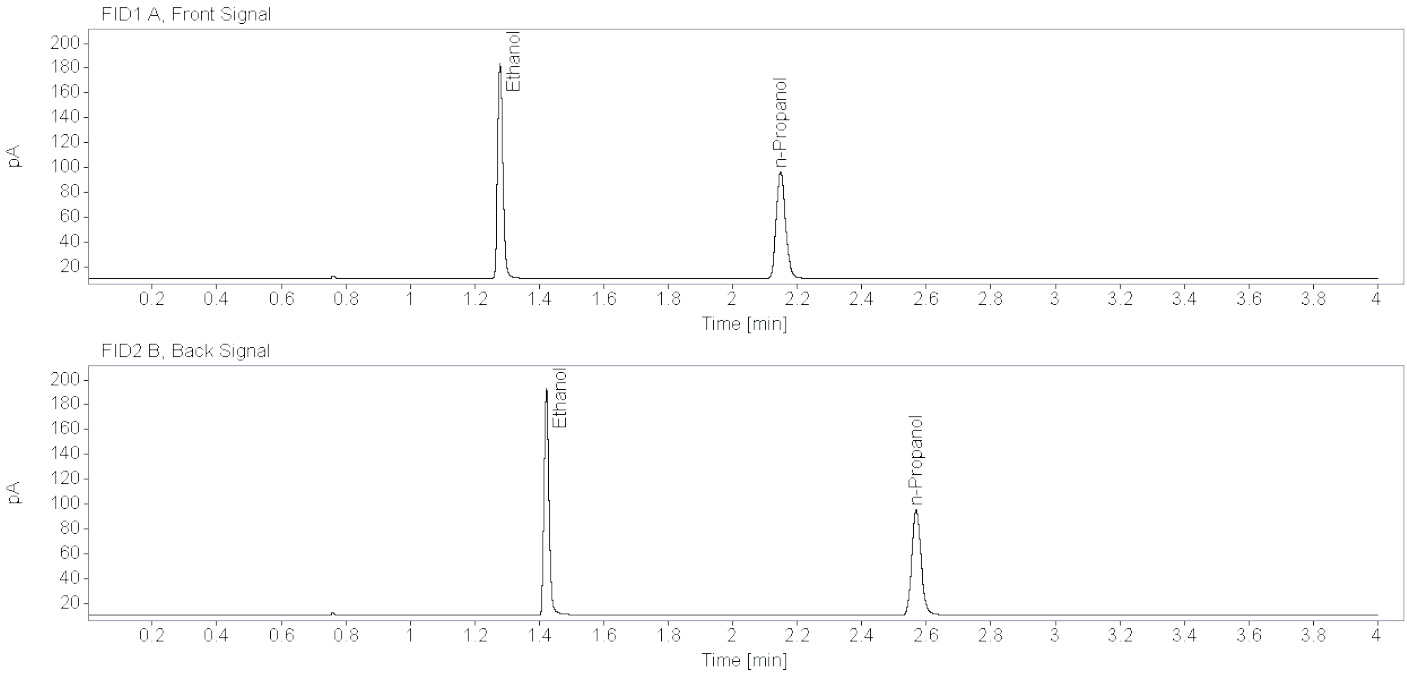
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78087	1.279	1.279	98.7036	0.0983
n-Propanol	0.82521	2.148	2.148	178.5986	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76553	1.423	1.423	97.7991	0.0980
n-Propanol	0.86613	2.569	2.569	175.9346	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-1025) **Description:** **Sample Barcode** 25-1025 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:21:38 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\005F0501.D



Name FID1A

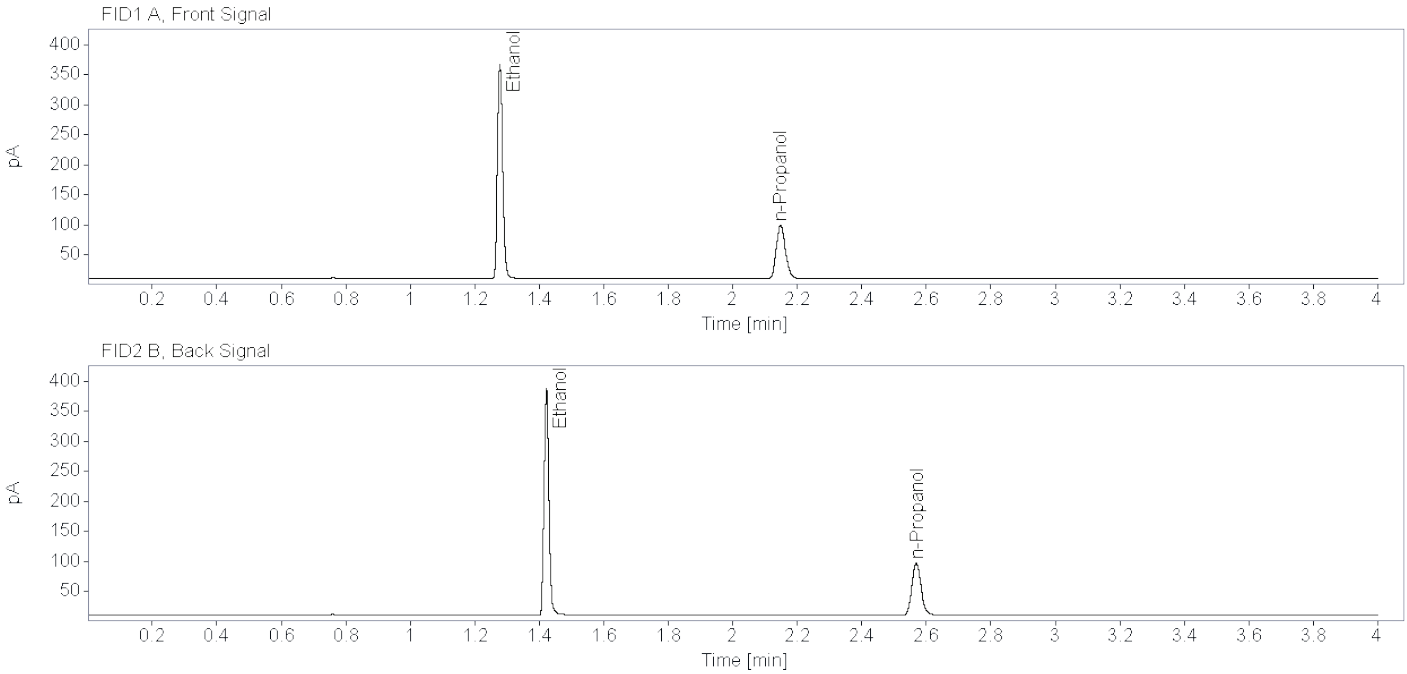
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80344	1.279	1.279	194.2531	0.2001
n-Propanol	0.83761	2.148	2.148	172.0591	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80331	1.422	1.422	193.4622	0.2002
n-Propanol	0.86121	2.569	2.569	169.3176	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-1026) **Description:** **Sample Barcode** 25-1026 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:26:21 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\006F0601.D



Name FID1A

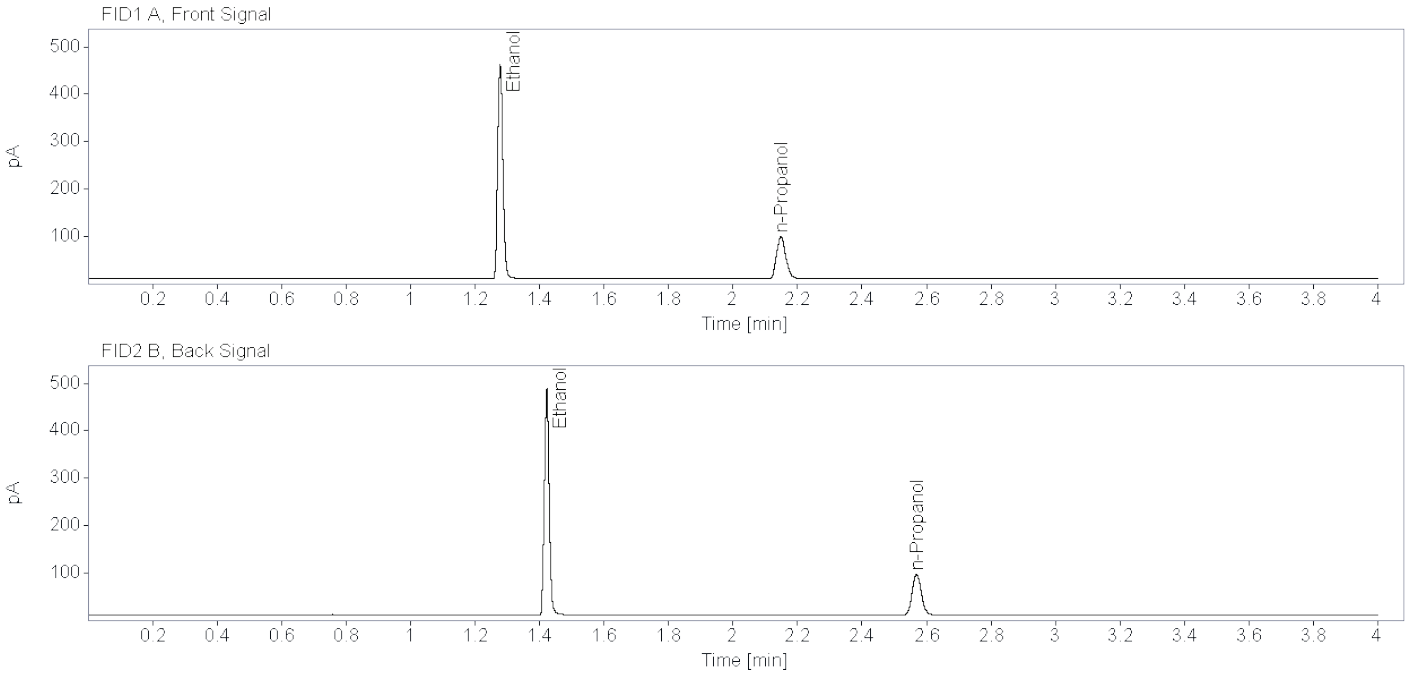
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83064	1.278	1.278	398.1128	0.3993
n-Propanol	0.83584	2.148	2.148	176.3442	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84860	1.422	1.422	397.1758	0.3998
n-Propanol	0.85623	2.569	2.569	173.5226	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-1027) **Description:** **Sample Barcode** 25-1027 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:32:03 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\007F0701.D



Name FID1A

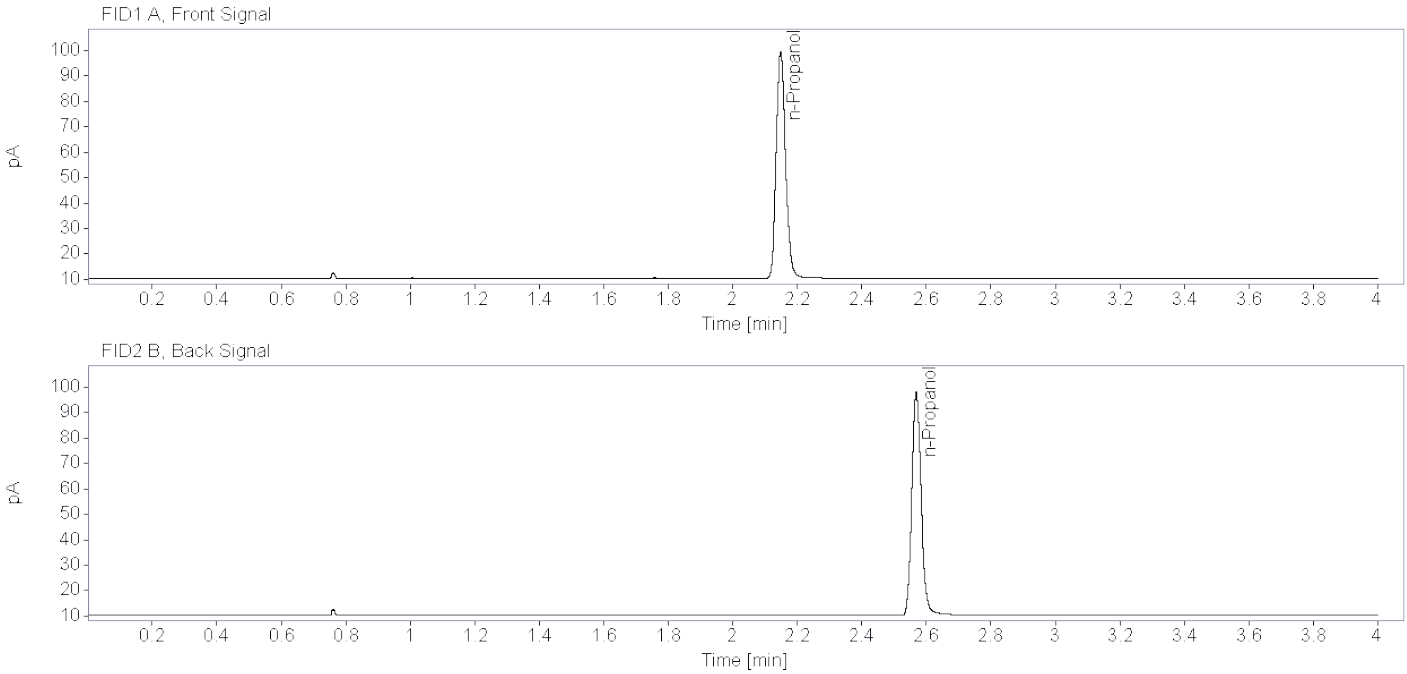
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84384	1.278	1.278	503.3893	0.5025
n-Propanol	0.82413	2.148	2.148	177.1268	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86546	1.422	1.422	502.7547	0.5029
n-Propanol	0.85975	2.569	2.569	174.5437	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-1028) **Description:** **Sample Barcode** 25-1028 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:36:45 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\008F0801.D



Name FID1A

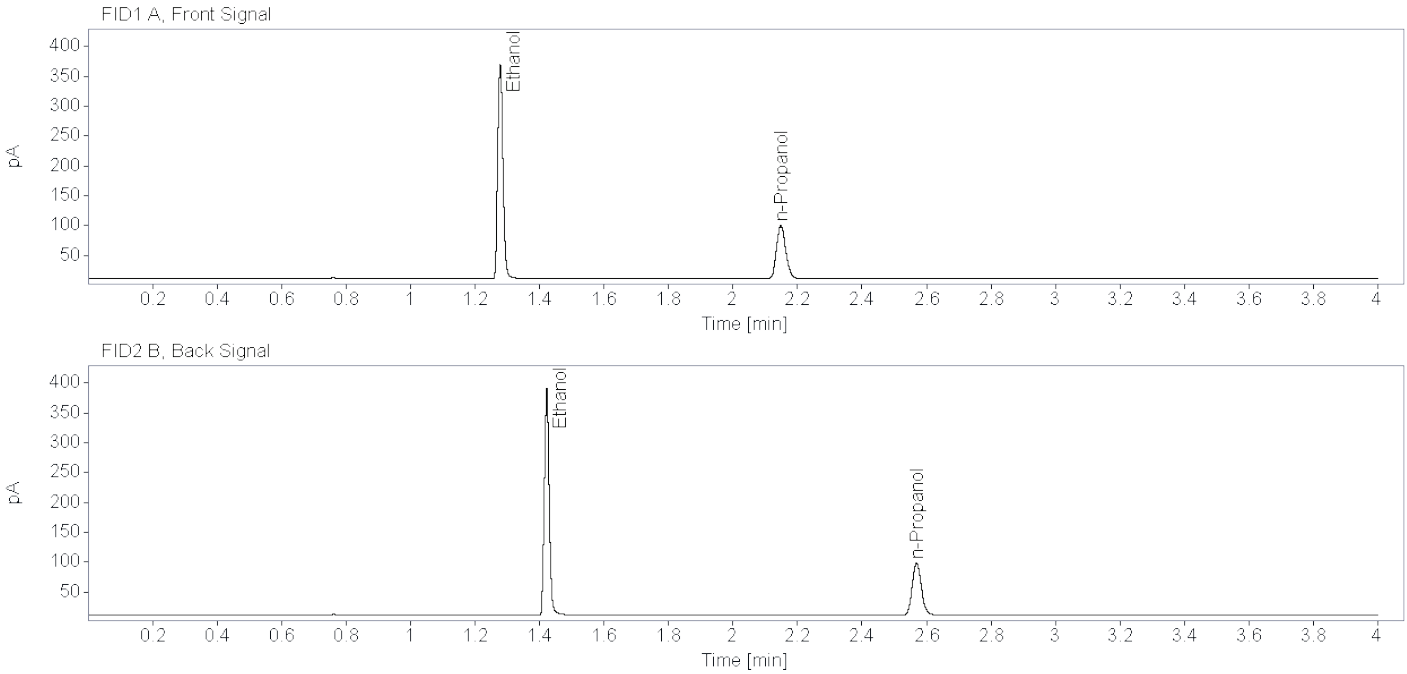
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83330	2.148	2.148	177.5338	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85492	2.569	2.569	174.6763	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-1029) **Description:** **Sample Barcode** 25-1029 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:42:26 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\009F0901.D



Name FID1A

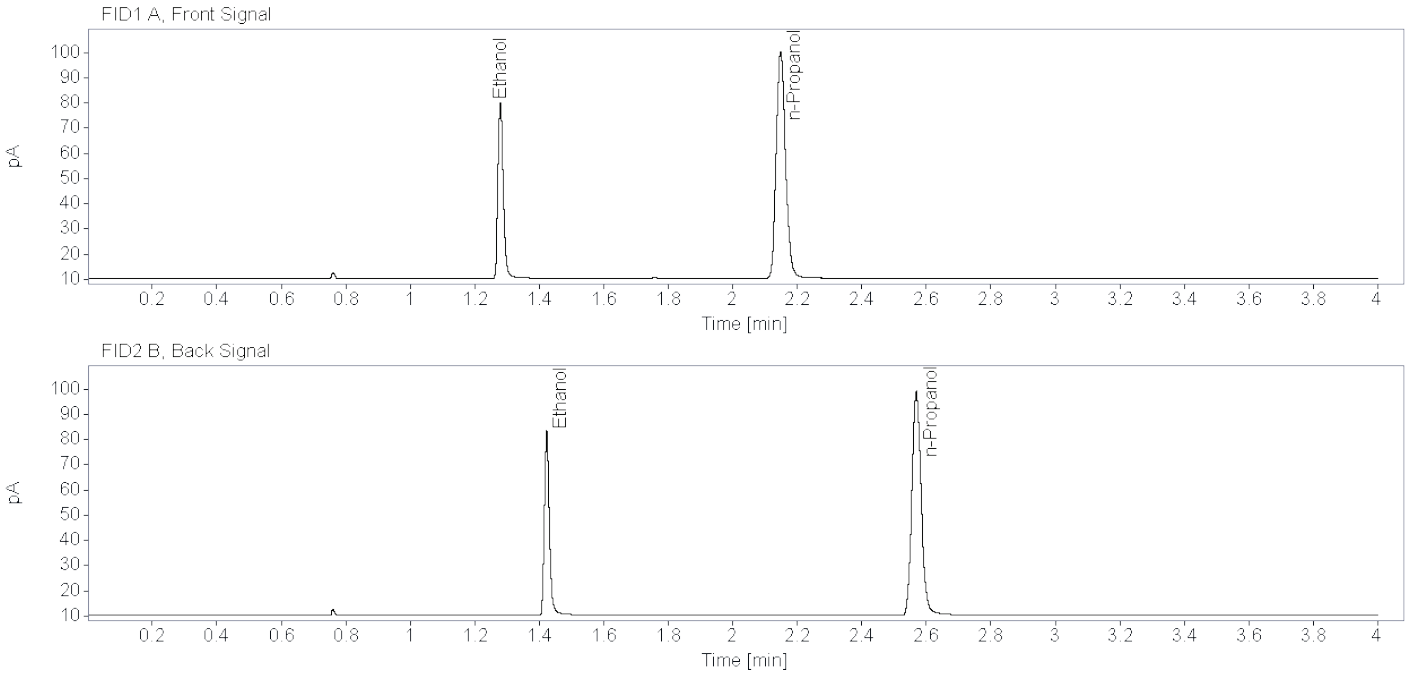
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83274	1.278	1.278	401.9820	0.3988
n-Propanol	0.82136	2.148	2.148	178.3178	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84354	1.422	1.422	400.7394	0.3985
n-Propanol	0.85895	2.569	2.569	175.6686	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-1030) **Description:** **Sample Barcode** 25-1030 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:47:09 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\010F1001.D



Name FID1A

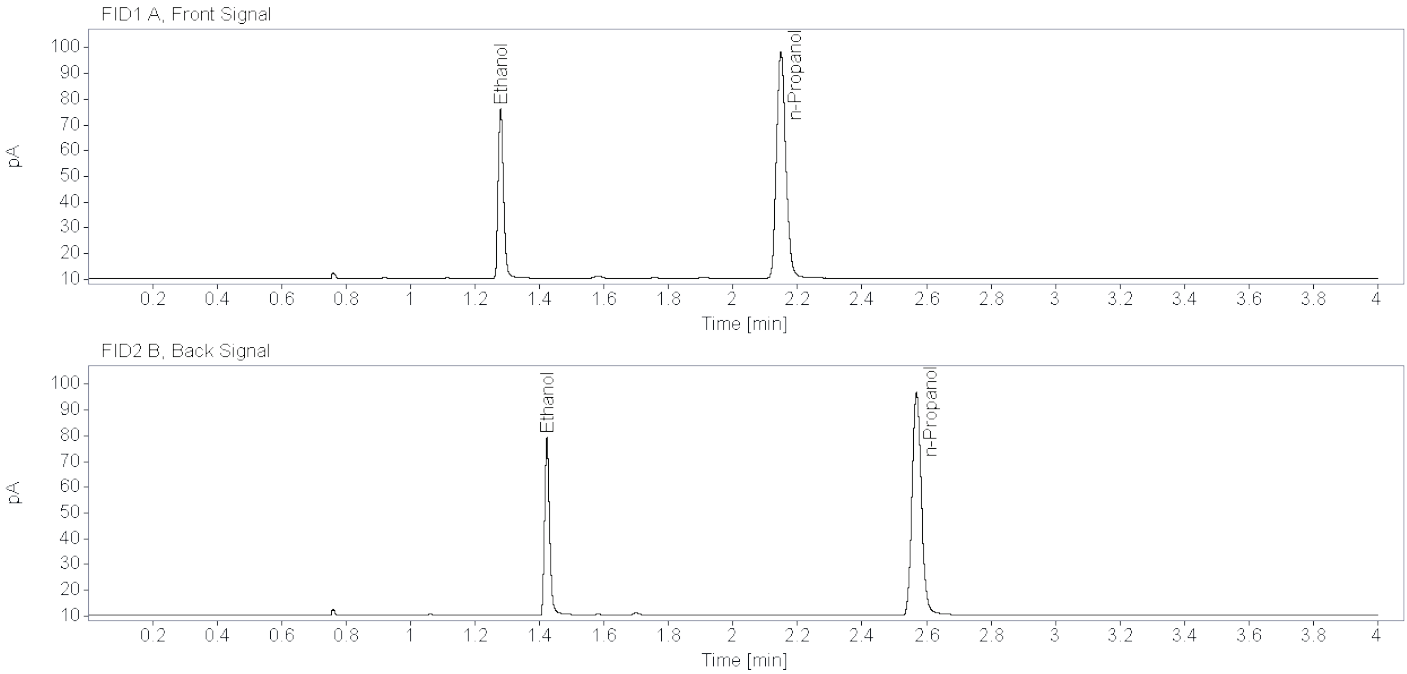
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77391	1.280	1.278	78.9121	0.0784
n-Propanol	0.83496	2.148	2.148	179.5000	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75549	1.423	1.422	77.8161	0.0779
n-Propanol	0.85301	2.569	2.569	176.4468	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1031) **Description:** **Sample Barcode** 25-1031 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:52:50 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\011F1101.D



Name FID1A

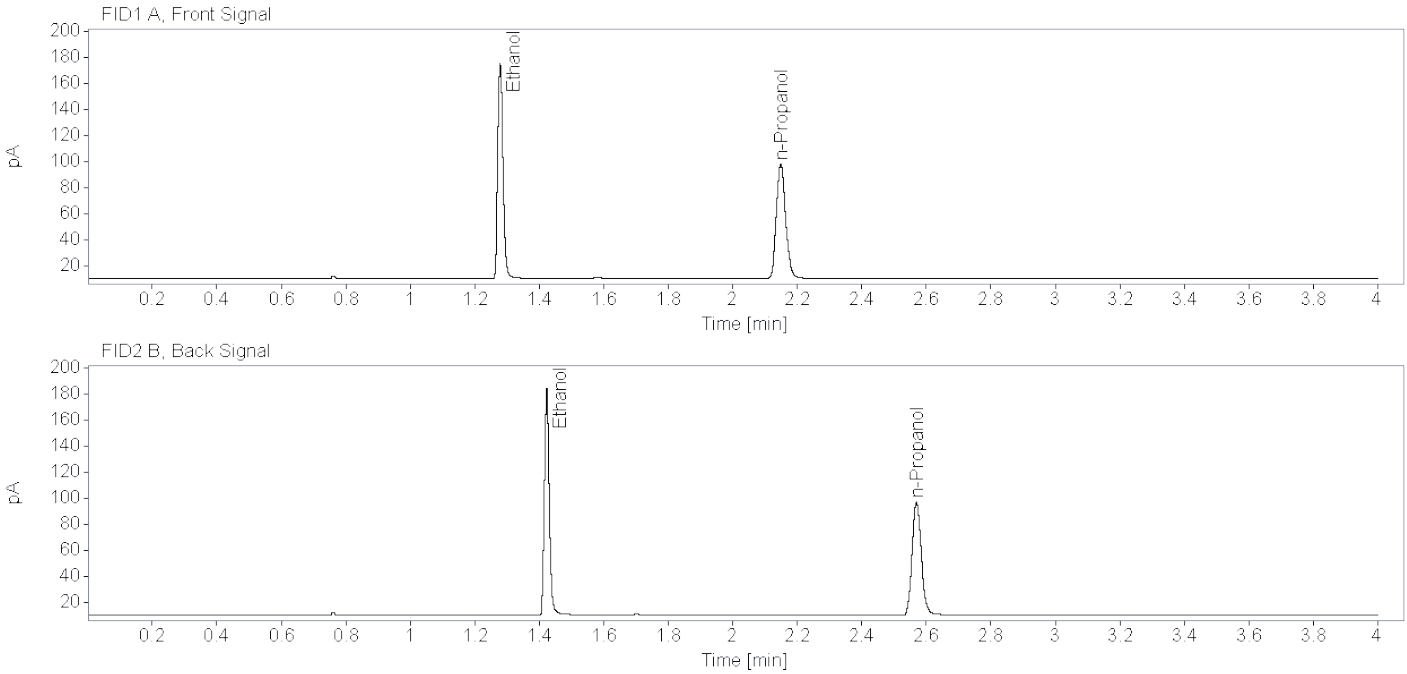
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76970	1.280	1.278	74.6010	0.0758
n-Propanol	0.82158	2.148	2.148	175.5290	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75786	1.423	1.422	73.7063	0.0755
n-Propanol	0.85813	2.569	2.569	172.7392	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-1042) **Description:** **Sample Barcode** 25-1042 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:49:33 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\022F2201.D



Name FID1A

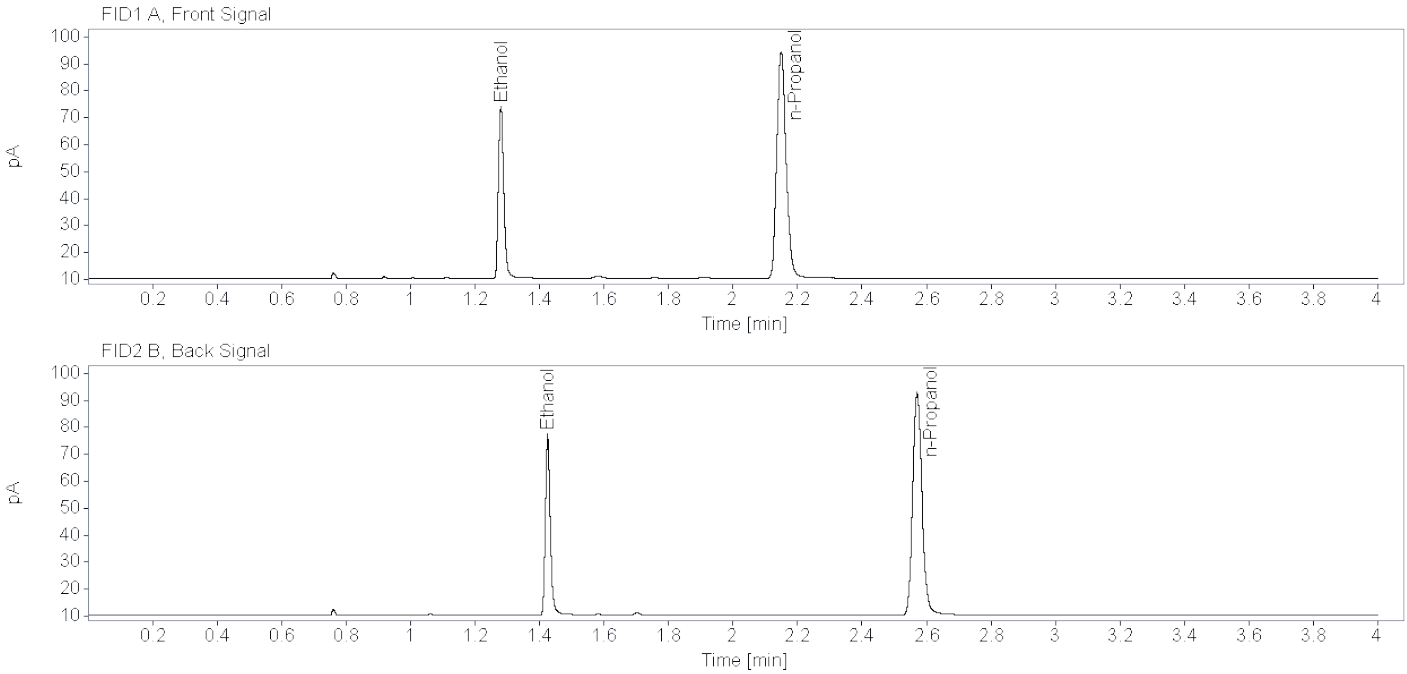
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79720	1.279	1.278	185.1328	0.1861
n-Propanol	0.83340	2.149	2.148	176.3517	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79099	1.423	1.422	184.2496	0.1860
n-Propanol	0.84997	2.570	2.569	173.5725	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1053) **Description:** **Sample Barcode** 25-1053 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:47:14 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\033F3301.D



Name FID1A

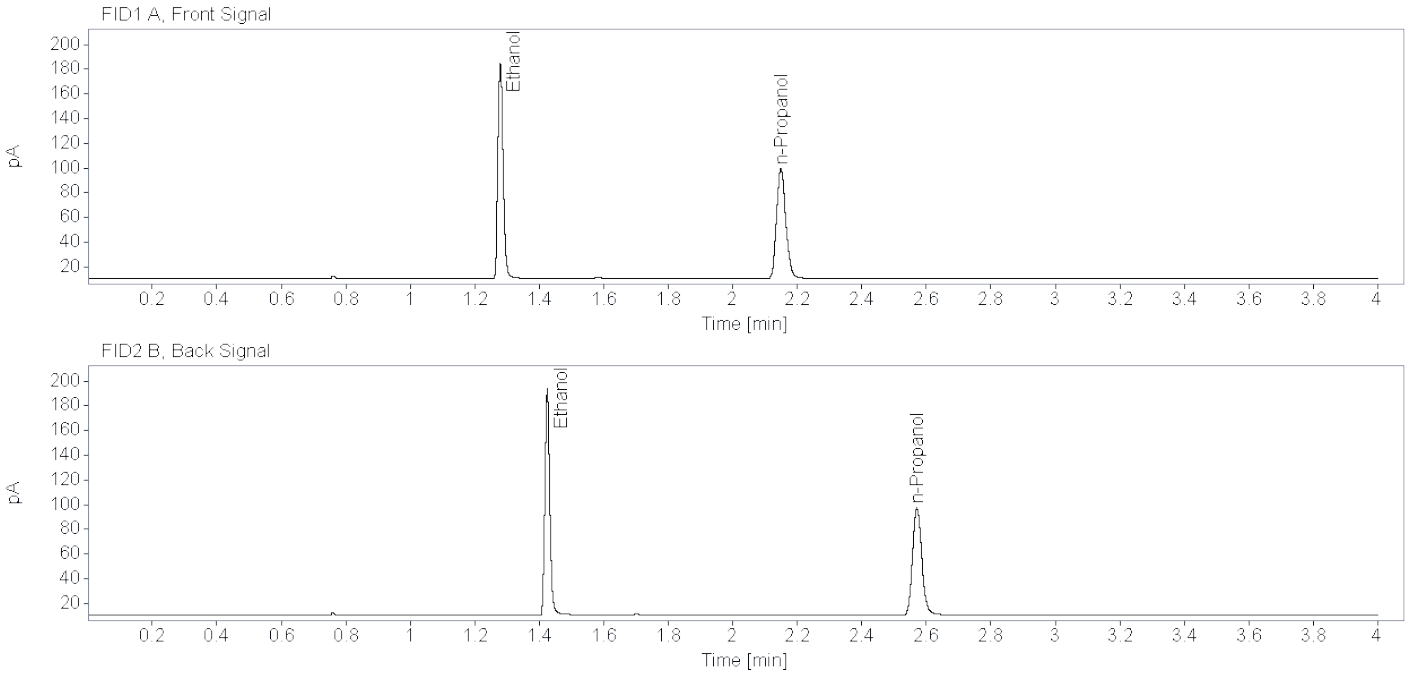
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76787	1.280	1.278	71.9651	0.0766
n-Propanol	0.81832	2.149	2.148	167.5008	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76441	1.425	1.422	71.6301	0.0769
n-Propanol	0.86151	2.571	2.569	164.7069	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-1064) **Description:** **Sample Barcode** 25-1064 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:43:57 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\044F4401.D



Name FID1A

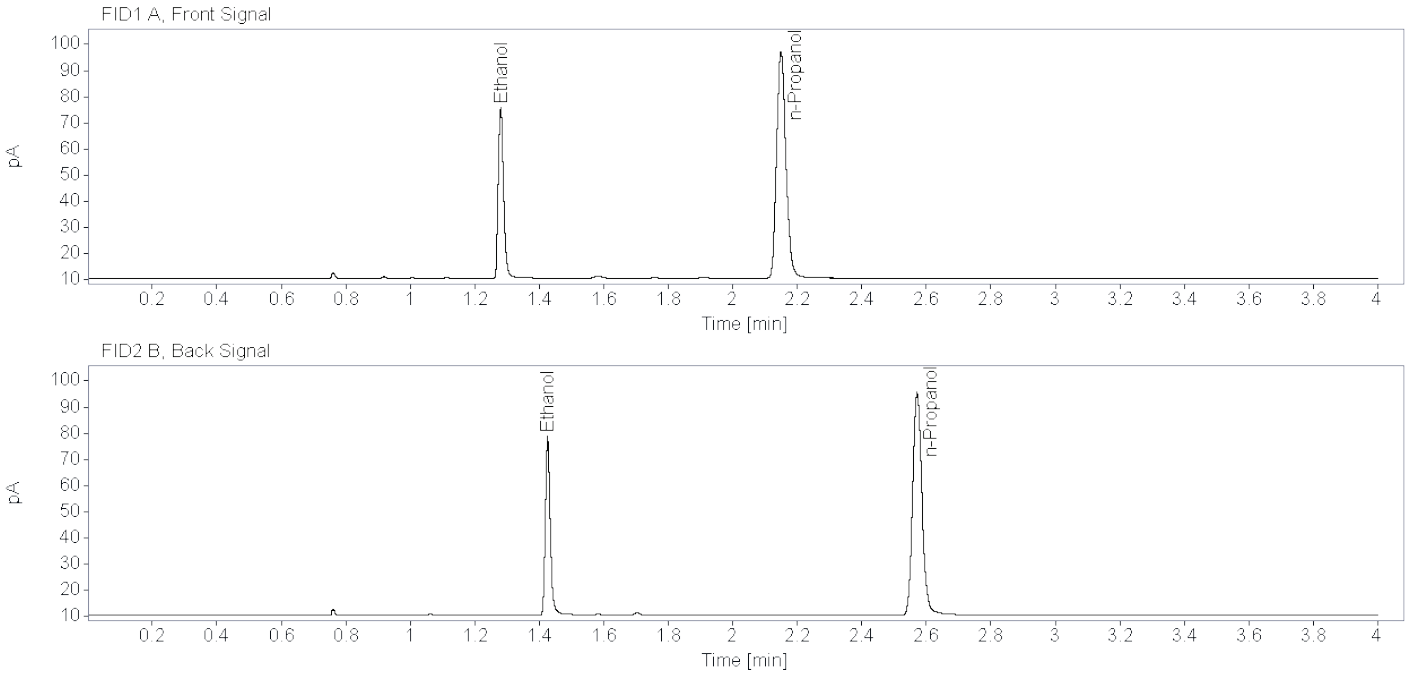
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80579	1.279	1.278	194.5460	0.1953
n-Propanol	0.81486	2.149	2.148	176.5778	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82396	1.425	1.422	193.7514	0.1956
n-Propanol	0.85649	2.571	2.569	173.5611	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1074) **Description:** **Sample Barcode** 25-1074 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:41:38 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\055F5501.D



Name FID1A

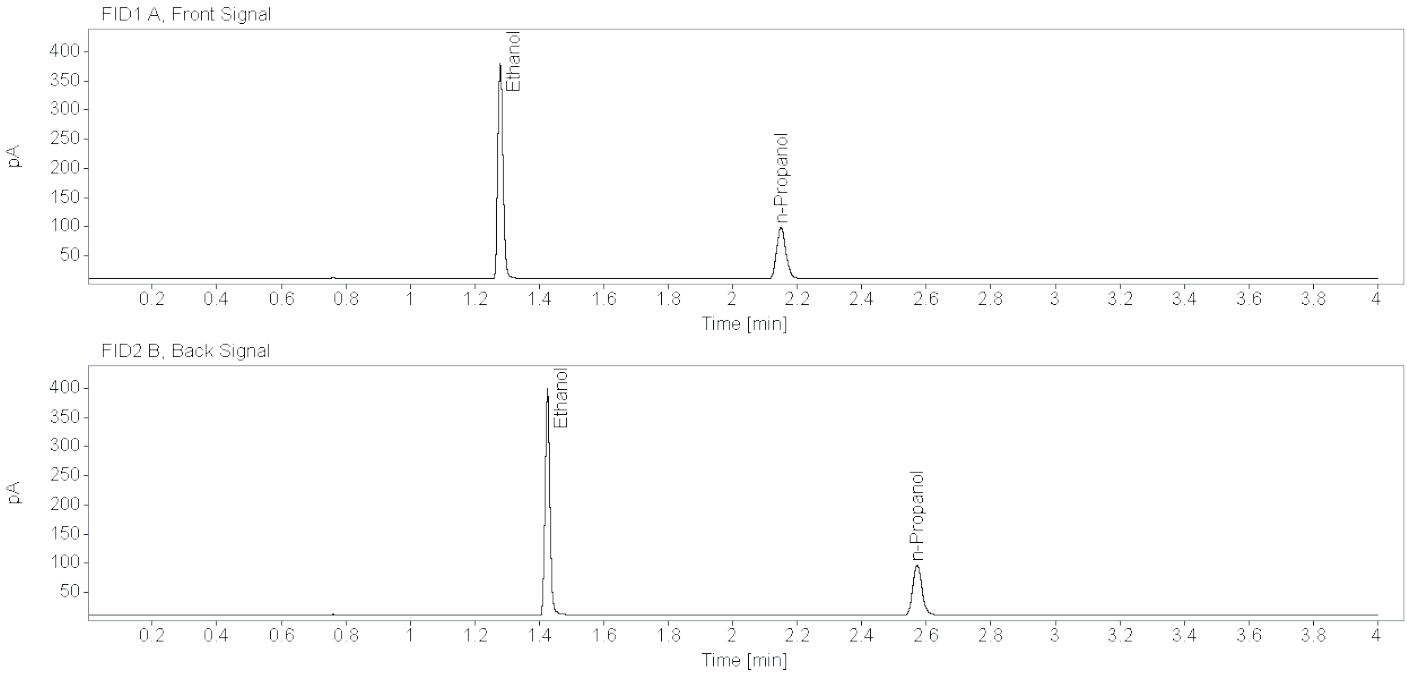
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77000	1.281	1.278	73.3260	0.0757
n-Propanol	0.81724	2.149	2.148	172.7176	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76601	1.426	1.422	72.9984	0.0761
n-Propanol	0.85997	2.572	2.569	169.7079	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-1075) **Description:** **Sample Barcode** 25-1075 **Vial Number:** 56
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:46:21 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\056F5601.D



Name FID1A

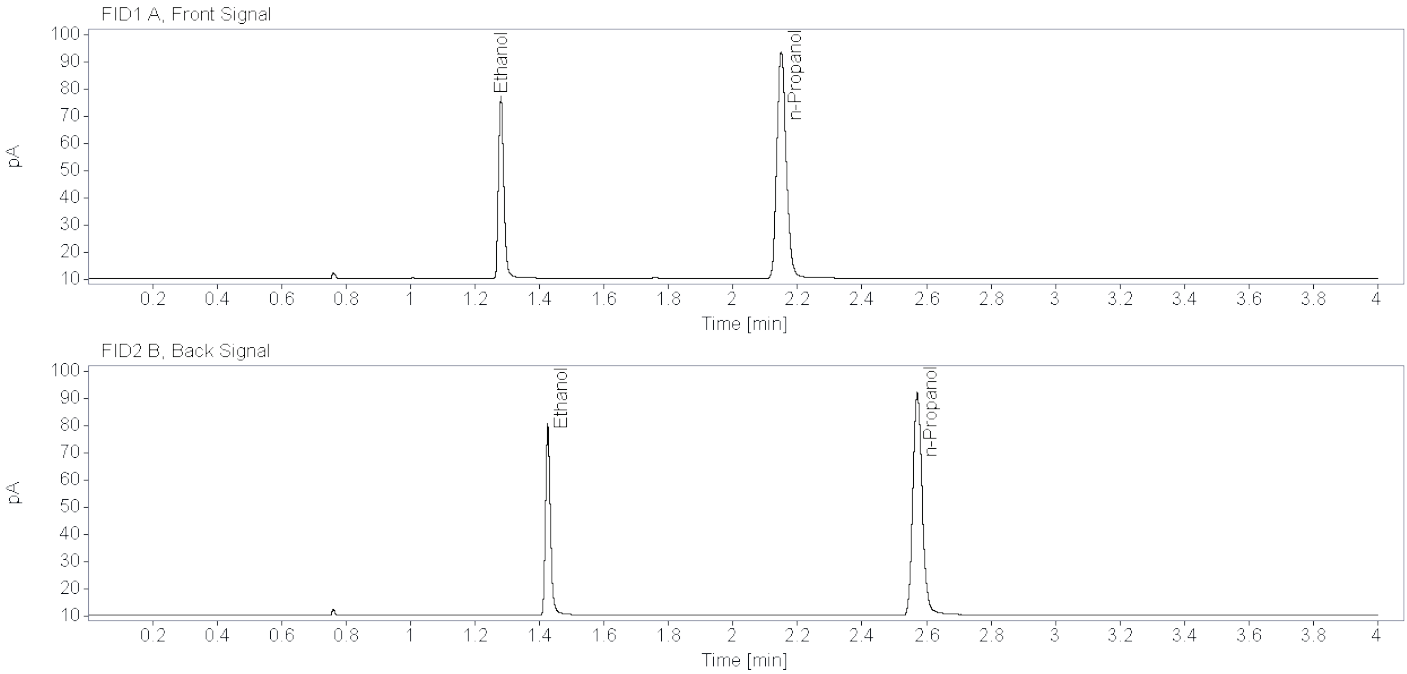
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83393	1.279	1.278	408.3832	0.4132
n-Propanol	0.81754	2.150	2.148	174.8049	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85239	1.425	1.422	407.6069	0.4145
n-Propanol	0.86389	2.572	2.569	171.7586	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-1076) **Description:** **Sample Barcode** 25-1076 **Vial Number:** 57
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:52:02 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\057F5701.D



Name FID1A

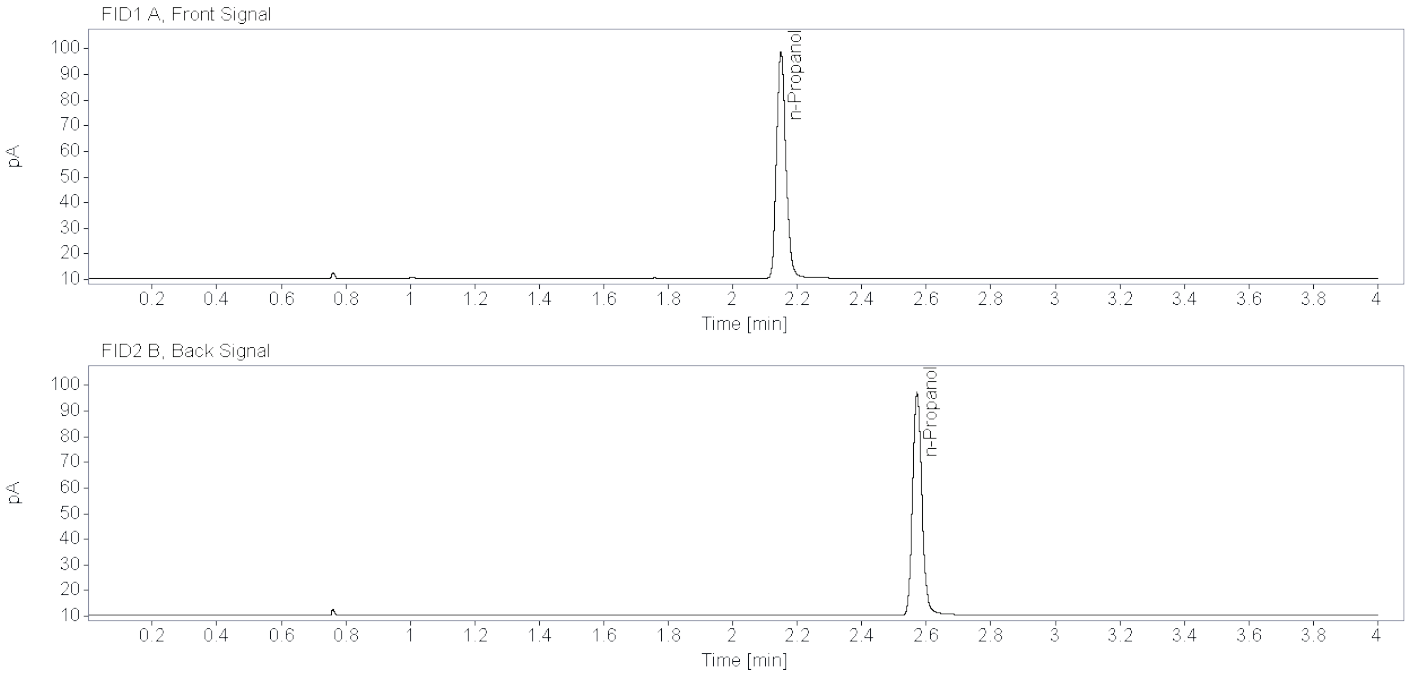
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76704	1.281	1.278	74.9047	0.0805
n-Propanol	0.81764	2.149	2.148	165.9151	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76531	1.425	1.422	74.4794	0.0806
n-Propanol	0.86052	2.571	2.569	163.1464	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-1077) **Description:** **Sample Barcode** 25-1077 **Vial Number:** 58
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:56:45 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81645	2.149	2.148	176.1926	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86050	2.571	2.569	173.2602	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0928 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2444	Aliquot 1:	0.2441
	Aliquot 2:	0.2512	Aliquot 2:	0.2526

Reported Result: **0.248** **g/100 mL**

Reported UM: **0.040** **g/100 mL**

Comments: Previously analyzed in BAC_20250612_MH. -- 7/22/2025 mh

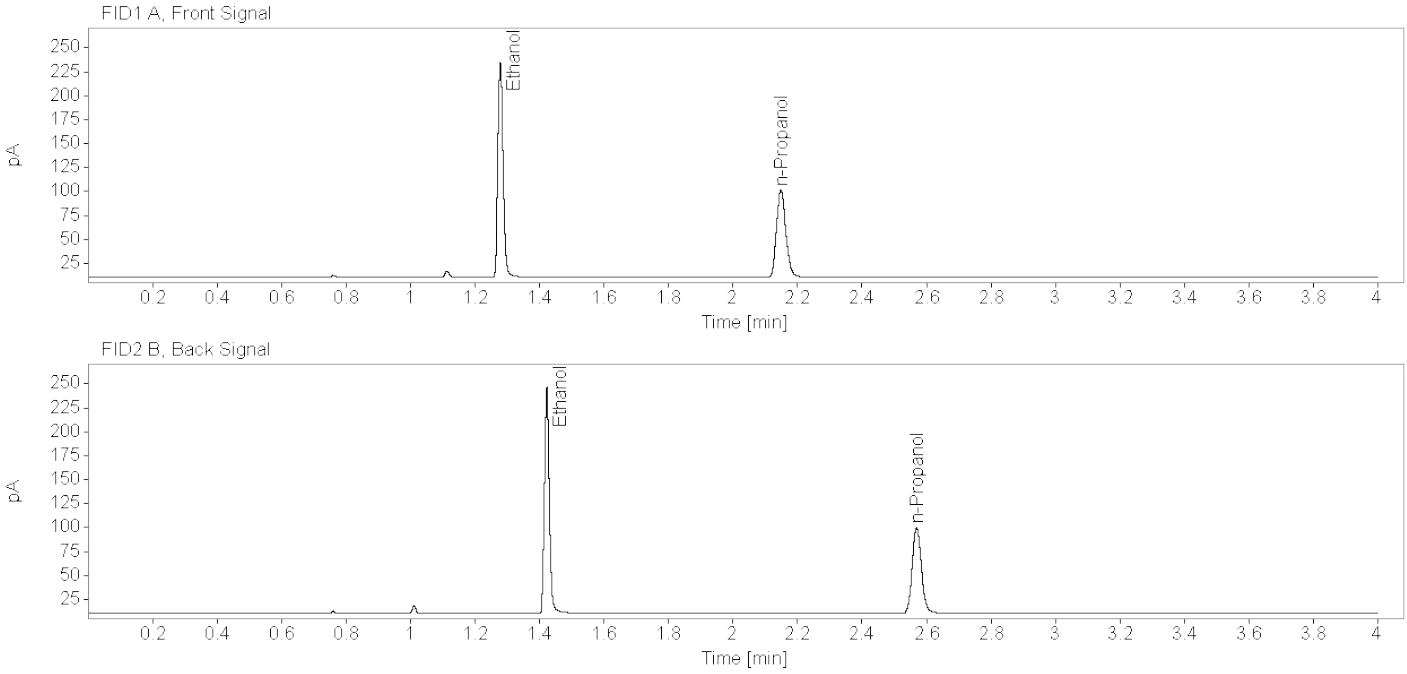
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0928 001_001 (25-1032) **Description:** Alq 1 **Sample Barcode** 25-1032 **Vial Number:** 12

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 11:57:33 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81343	1.279	1.278	250.5187	0.2444
n-Propanol	0.82519	2.148	2.148	181.5259	0.0100

Name FID2B

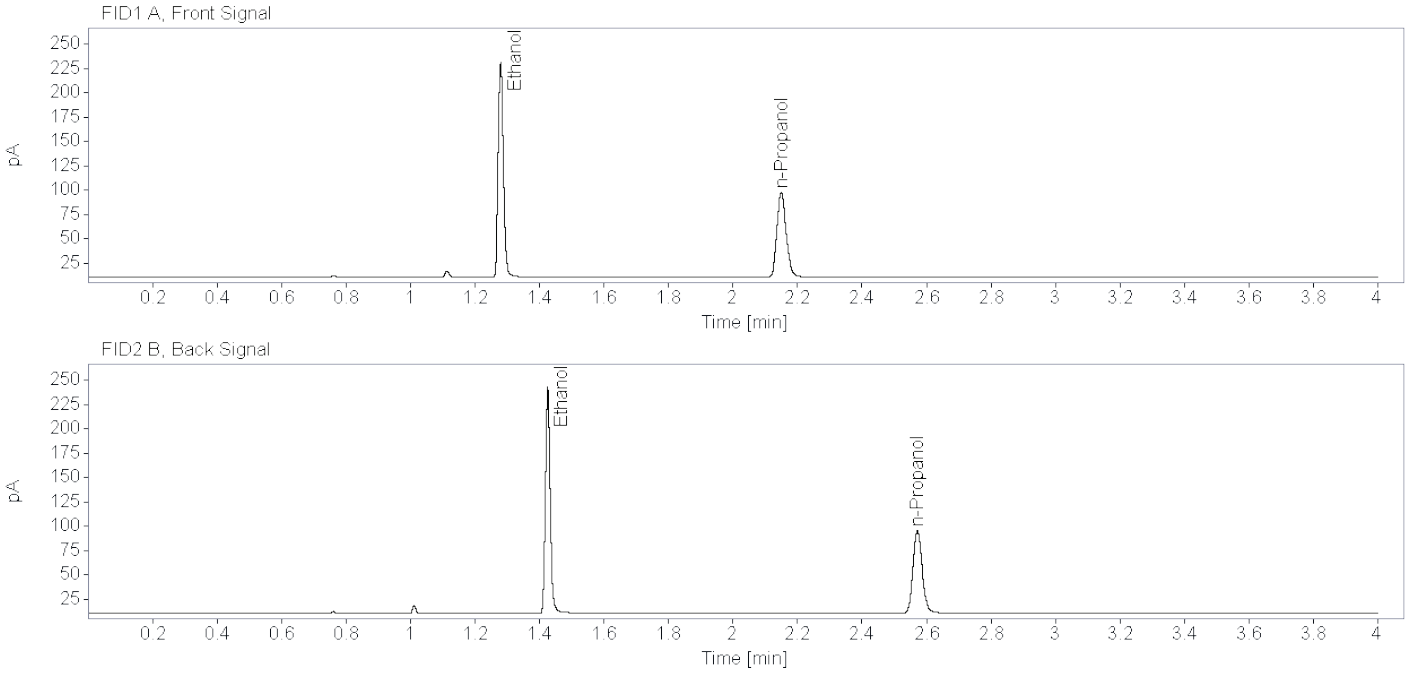
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80937	1.422	1.422	249.3460	0.2441
n-Propanol	0.85796	2.569	2.569	178.7772	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0928 001_001 (25-1073) **Description:** Alq 2 **Sample Barcode** 25-1073 **Vial Number:** 54

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:35:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80898	1.279	1.278	245.2855	0.2512
n-Propanol	0.81808	2.149	2.148	172.9002	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82000	1.425	1.422	244.9144	0.2526
n-Propanol	0.85529	2.572	2.569	169.6251	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0982 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2680	Aliquot 1:	0.2686
	Aliquot 2:	0.2708	Aliquot 2:	0.2714

Reported Result: **0.269** **g/100 mL**

Reported UM: **0.043** **g/100 mL**

Comments: Previously analyzed in BAC_20250612_MH. -- 7/22/2025 mh

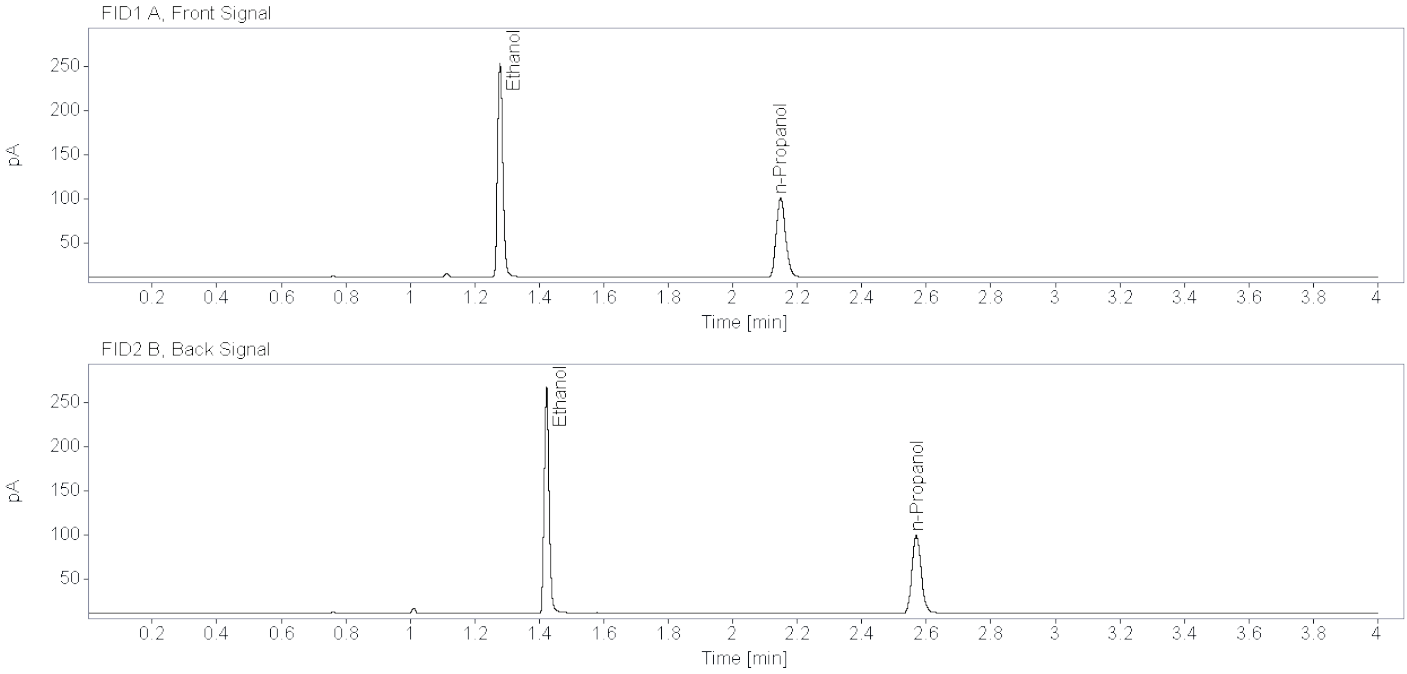
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0982 001_001 (25-1033) **Description:** Alq 1 **Sample Barcode** 25-1033 **Vial Number:** 13

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:03:14 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81676	1.279	1.278	272.8613	0.2680
n-Propanol	0.83540	2.148	2.148	180.2885	0.0100

Name FID2B

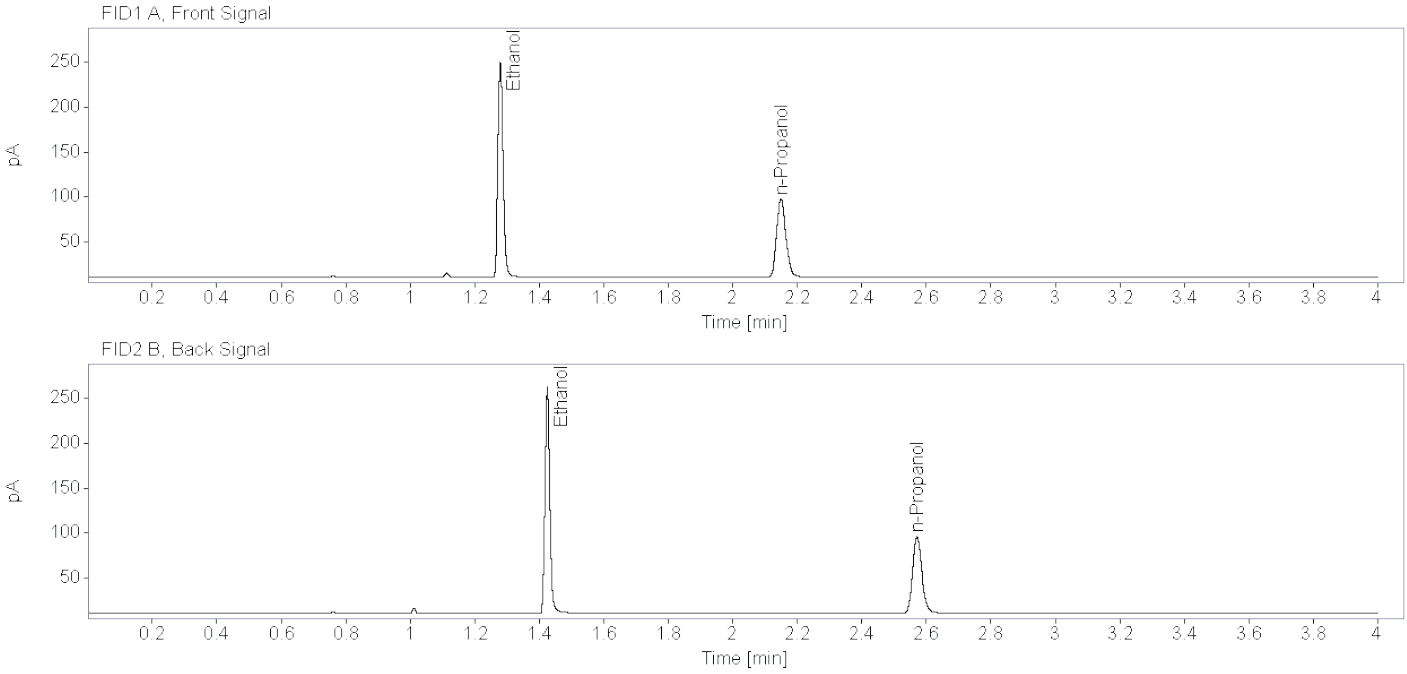
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82641	1.423	1.422	272.2110	0.2686
n-Propanol	0.85570	2.569	2.569	177.2543	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0982 001_001 (25-1079) **Description:** Alq 2 **Sample Barcode** 25-1079 **Vial Number:** 53

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:31:14 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81838	1.279	1.278	266.0920	0.2708
n-Propanol	0.81797	2.149	2.148	173.9701	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82317	1.425	1.422	265.5028	0.2714
n-Propanol	0.85671	2.571	2.569	171.1102	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0983 002_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1236	Aliquot 1:	0.1227
	Aliquot 2:	0.1212	Aliquot 2:	0.1217

Reported Result: **0.122** **g/100 mL**

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

Comments: Previously analyzed in BAC_20250612_MH. -- 7/22/2025 mh

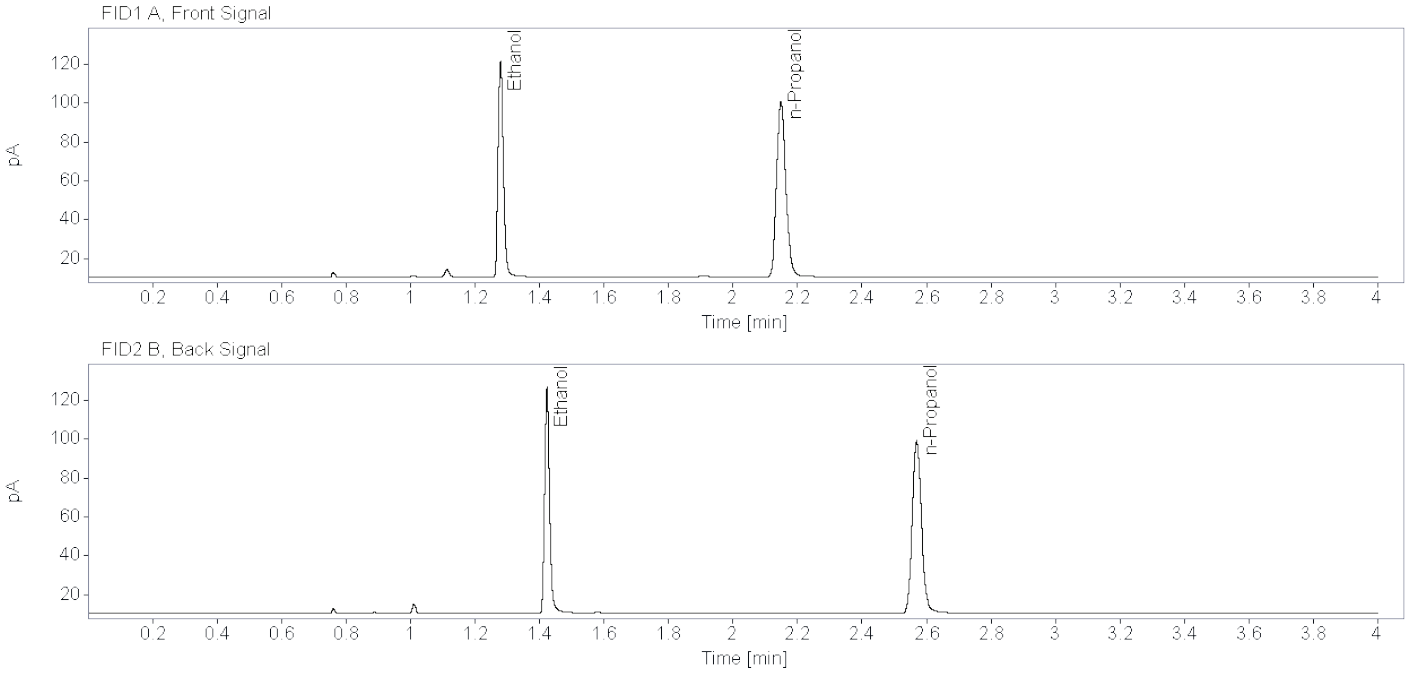
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0983 002_001 (25-1034) **Description:** Alq 1 **Sample Barcode** 25-1034 **Vial Number:** 14

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:07:57 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78220	1.279	1.278	125.1369	0.1236
n-Propanol	0.82298	2.149	2.148	179.8758	0.0100

Name FID2B

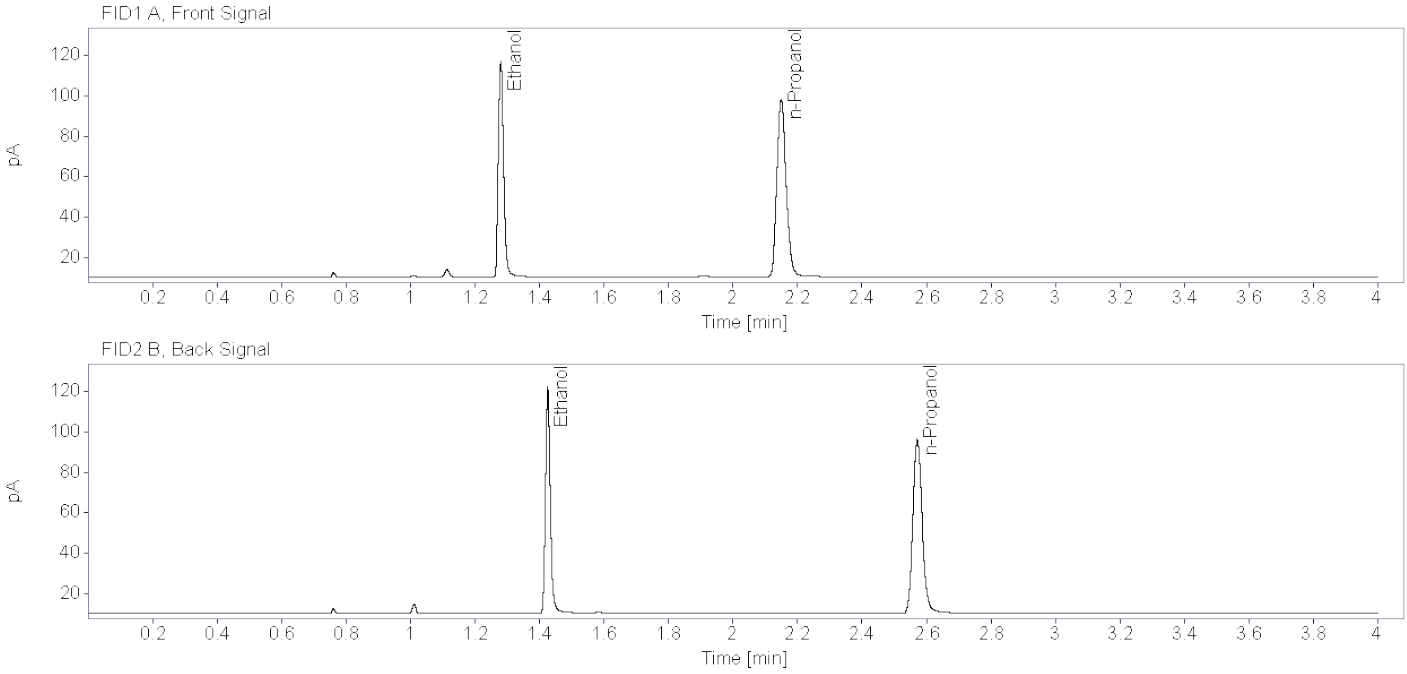
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77750	1.423	1.422	123.7507	0.1227
n-Propanol	0.86051	2.569	2.569	177.3394	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0983 002_001 (25-1072) **Description:** Alq 2 **Sample Barcode** 25-1072 **Vial Number:** 52

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:25:34 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79290	1.280	1.278	118.8145	0.1212
n-Propanol	0.81843	2.149	2.148	174.1207	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78515	1.425	1.422	118.4400	0.1217
n-Propanol	0.85808	2.571	2.569	171.1198	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0996 002_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2044	Aliquot 1:	0.2048
	Aliquot 2:	0.2091	Aliquot 2:	0.2092

Reported Result: **0.206** **g/100 mL**

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

Comments: Previously analyzed in BAC_20250612_MH. -- 7/22/2025 mh

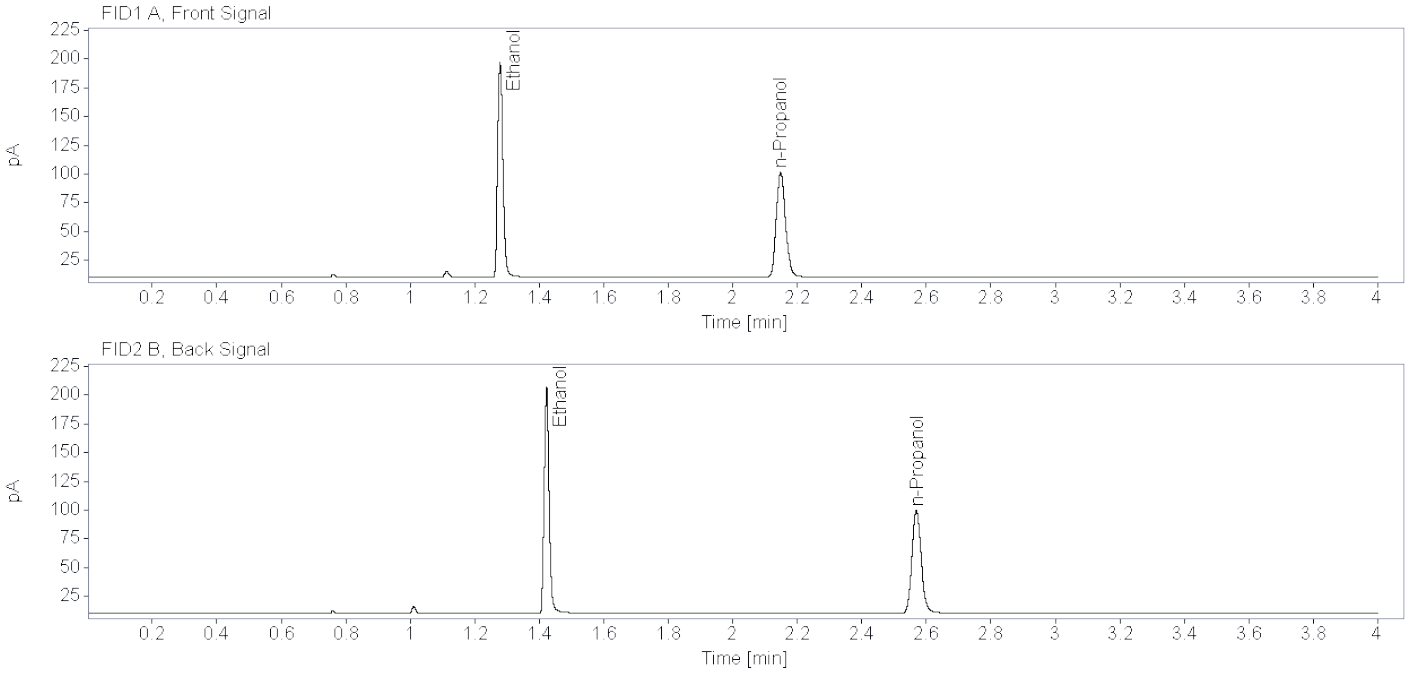
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0996 002_001 (25-1035) **Description:** Alq 1 **Sample Barcode** 25-1035 **Vial Number:** 15

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:13:39 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80325	1.279	1.278	209.2447	0.2044
n-Propanol	0.83462	2.148	2.148	181.3820	0.0100

Name FID2B

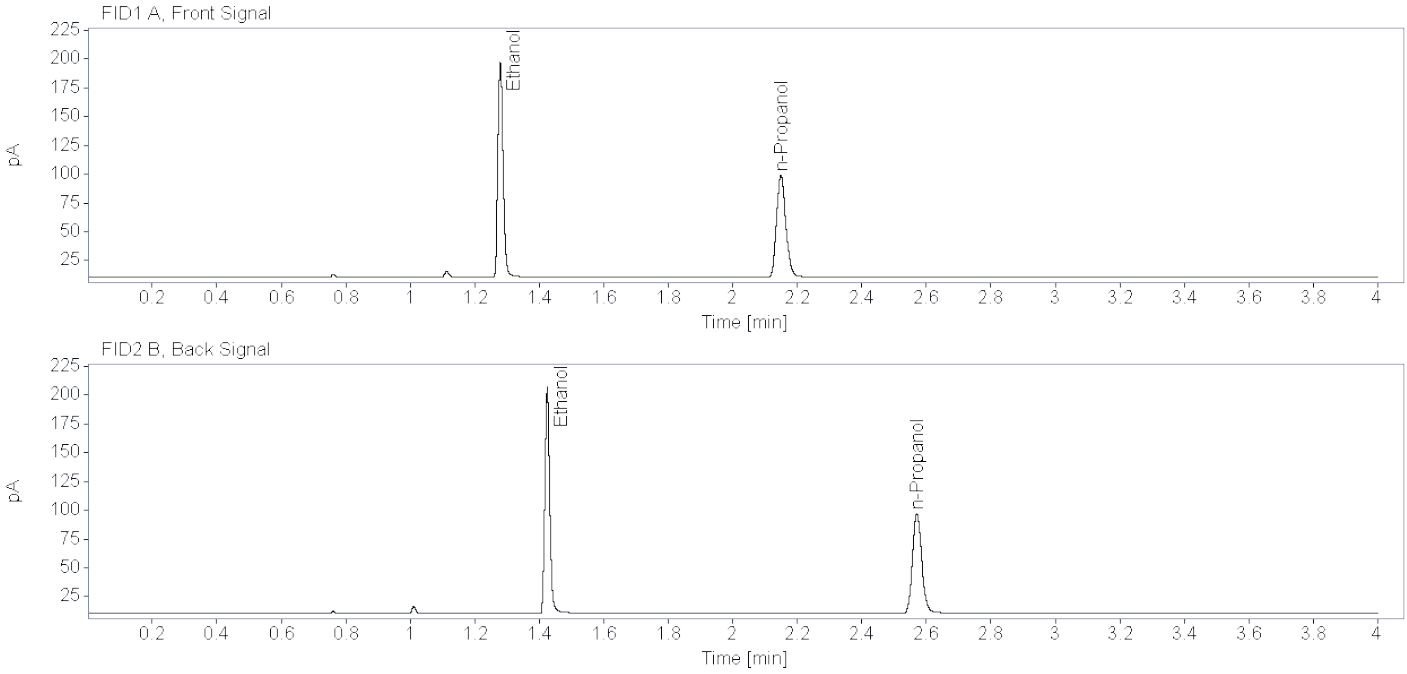
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80473	1.423	1.422	208.4864	0.2048
n-Propanol	0.85570	2.569	2.569	178.3281	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0996 002_001 (25-1071) **Description:** Alq 2 **Sample Barcode** 25-1071 **Vial Number:** 51

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:20:50 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80434	1.279	1.278	207.9176	0.2091
n-Propanol	0.81605	2.149	2.148	176.2237	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82491	1.425	1.422	207.1222	0.2092
n-Propanol	0.85815	2.571	2.569	173.3544	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1008 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2205	Aliquot 1:	0.2203
	Aliquot 2:	0.2268	Aliquot 2:	0.2270

Reported Result: 0.223 g/100 mL

Reported UM: 0.036 g/100 mL

Comments: Previously analyzed in BAC_20250612_MH. -- 7/22/2025 mh

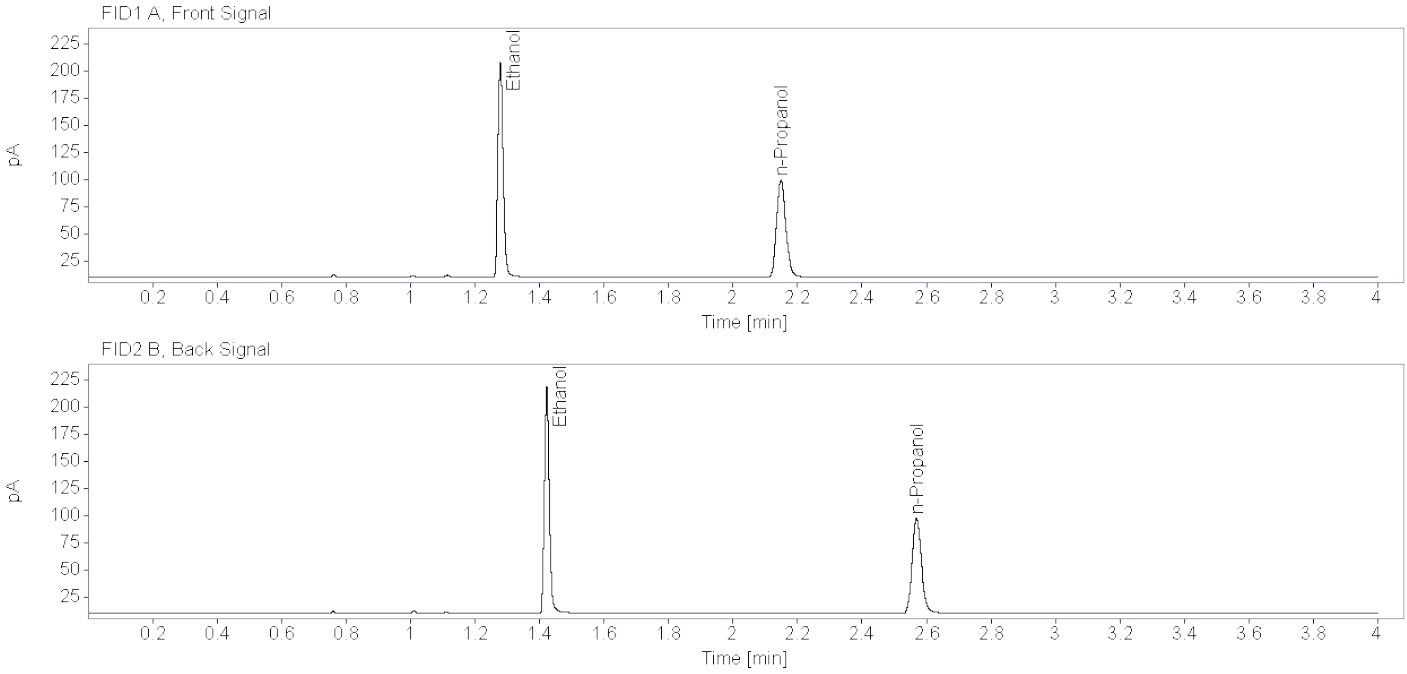
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1008 001_001 (25-1036) **Description:** Alq 1 **Sample Barcode** 25-1036 **Vial Number:** 16

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:18:21 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80379	1.279	1.278	221.0637	0.2205
n-Propanol	0.82236	2.148	2.148	177.6230	0.0100

Name FID2B

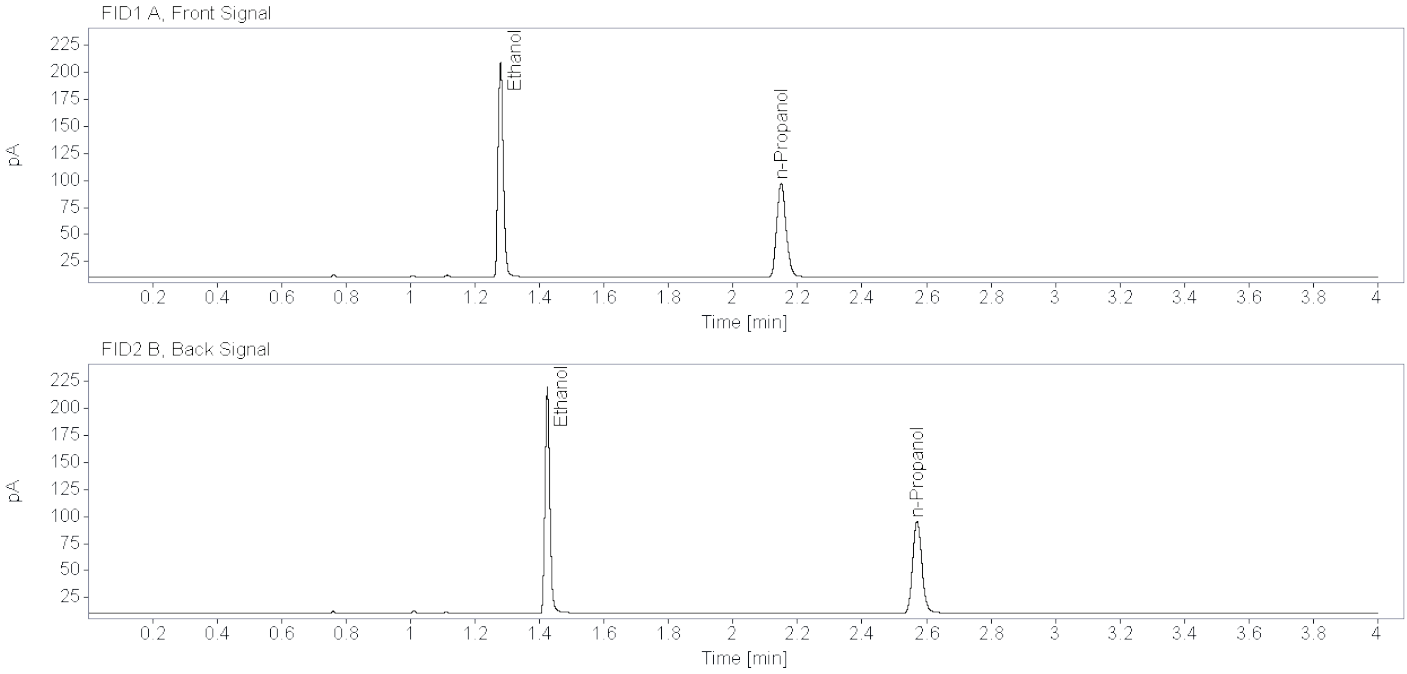
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79997	1.422	1.422	220.1668	0.2203
n-Propanol	0.85735	2.569	2.569	174.9473	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1008 001_001 (25-1070) **Description:** Alq 2 **Sample Barcode** 25-1070 **Vial Number:** 50

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:15:09 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81214	1.279	1.278	221.6614	0.2268
n-Propanol	0.81515	2.149	2.148	173.1331	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81080	1.424	1.422	220.4897	0.2270
n-Propanol	0.86251	2.571	2.569	170.0316	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1009 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2369	Aliquot 1:	0.2375
	Aliquot 2:	0.2460	Aliquot 2:	0.2468

Reported Result: **0.241** **g/100 mL**

Reported UM: **0.039** **g/100 mL**

Comments: Previously analyzed in BAC_20250612_MH. -- 7/22/2025 mh

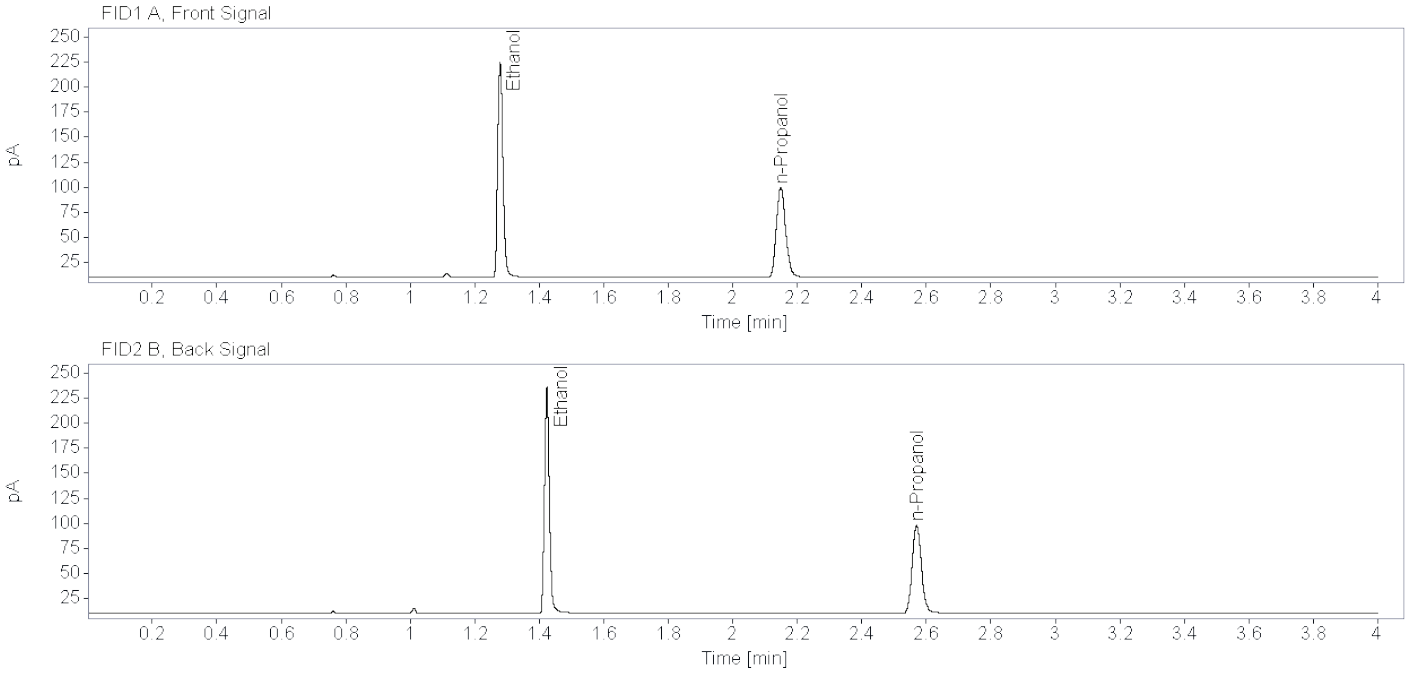
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1009 001_001 (25-1037) **Description:** Alq 1 **Sample Barcode** 25-1037 **Vial Number:** 17

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:24:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80826	1.279	1.278	238.8631	0.2369
n-Propanol	0.83800	2.149	2.148	178.6116	0.0100

Name FID2B

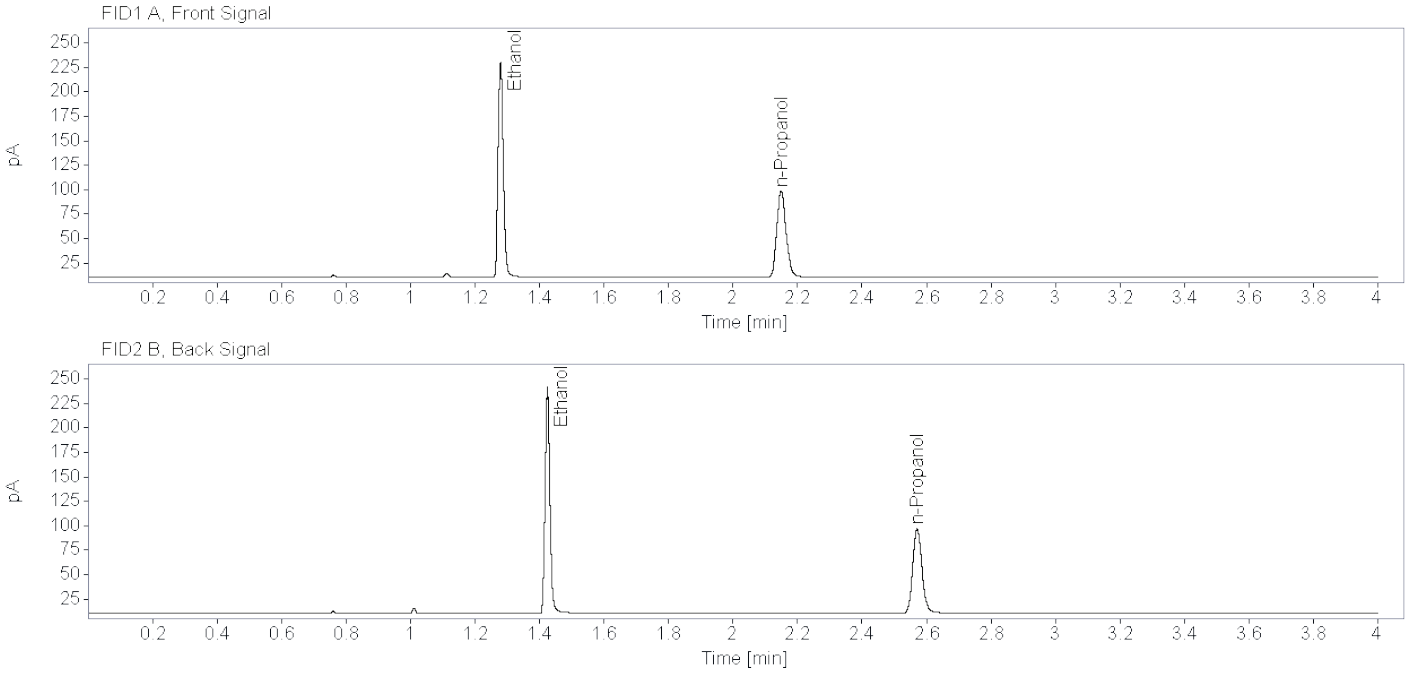
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80963	1.423	1.422	237.7901	0.2375
n-Propanol	0.85539	2.570	2.569	175.2210	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1009 001_001 (25-1069) **Description:** Alq 2 **Sample Barcode** 25-1069 **Vial Number:** 49

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:10:26 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80554	1.279	1.278	244.0500	0.2460
n-Propanol	0.81394	2.149	2.148	175.7334	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81789	1.424	1.422	243.4570	0.2468
n-Propanol	0.86503	2.571	2.569	172.6077	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1010 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1392	Aliquot 1:	0.1390
	Aliquot 2:	0.1655	Aliquot 2:	0.1655

Reported Result: ~~0.152~~ **0.153 g/100 mL**

Reported UM: ~~0.025~~ **0.026 g/100 mL**

7/22/2025 mh

Comments: Previously analyzed in BAC_20250612_MH. Aliquots are not within 5% of the average. Case will be repeated. -- 7/22/2025 mh

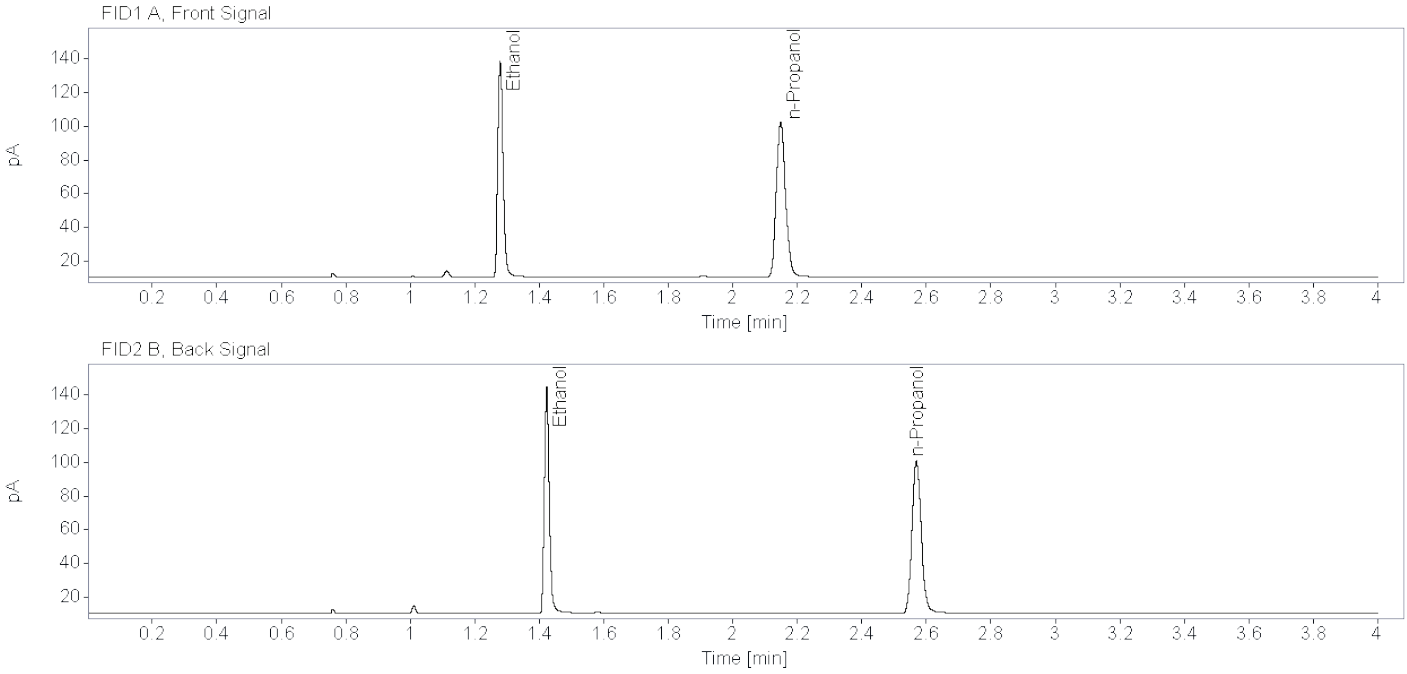
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1010 001_001 (25-1038) **Description:** Alq 1 **Sample Barcode** 25-1038 **Vial Number:** 18

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:28:45 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78720	1.279	1.278	143.7726	0.1392
n-Propanol	0.83550	2.148	2.148	183.4056	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77650	1.423	1.422	142.7830	0.1390
n-Propanol	0.85595	2.569	2.569	180.3923	0.0100

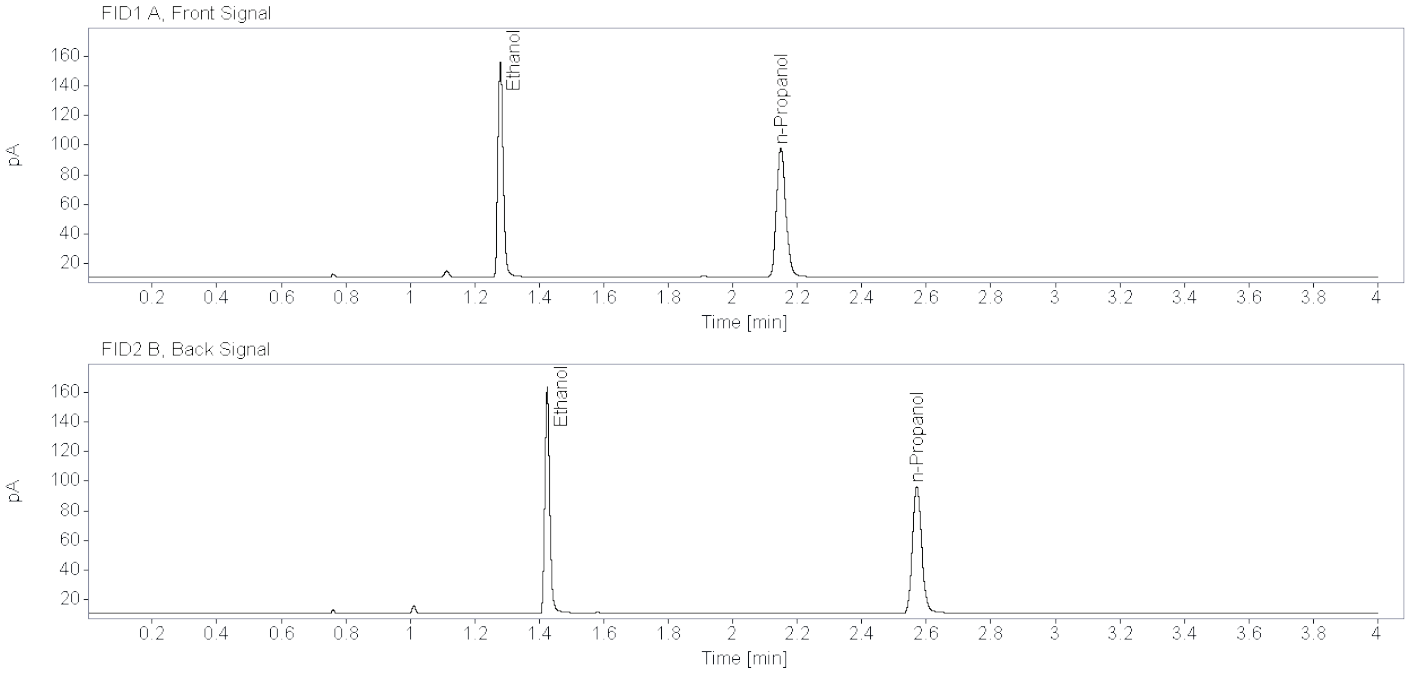
Aliquots not within 5% of the average. Case will be repeated. -- 7/22/2025 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1010 001_001 (25-1068) **Description:** Alq 2 **Sample Barcode** 25-1068 **Vial Number:** 48

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:04:45 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79730	1.280	1.278	163.0035	0.1655
n-Propanol	0.81523	2.149	2.148	174.6774	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81116	1.425	1.422	162.1165	0.1655
n-Propanol	0.85530	2.571	2.569	171.8318	0.0100

Aliquots not within 5% of the average. Case will be repeated. -- 7/22/2025 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1085 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: none detected

Reported UM: _____

Comments:

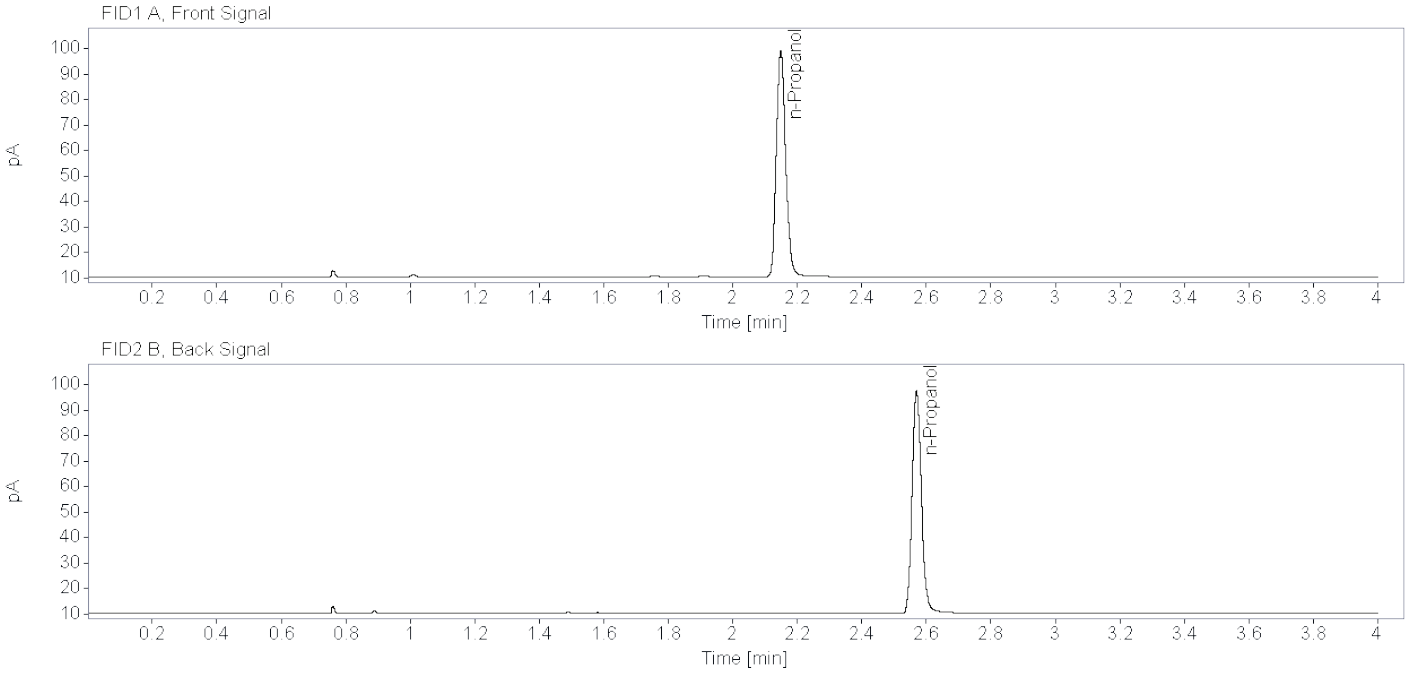
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1085 001_001 (25-1039) **Description:** Alq 1 **Sample Barcode** 25-1039 **Vial Number:** 19

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:34:27 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83532	2.149	2.148	177.3580	0.0100

Name FID2B

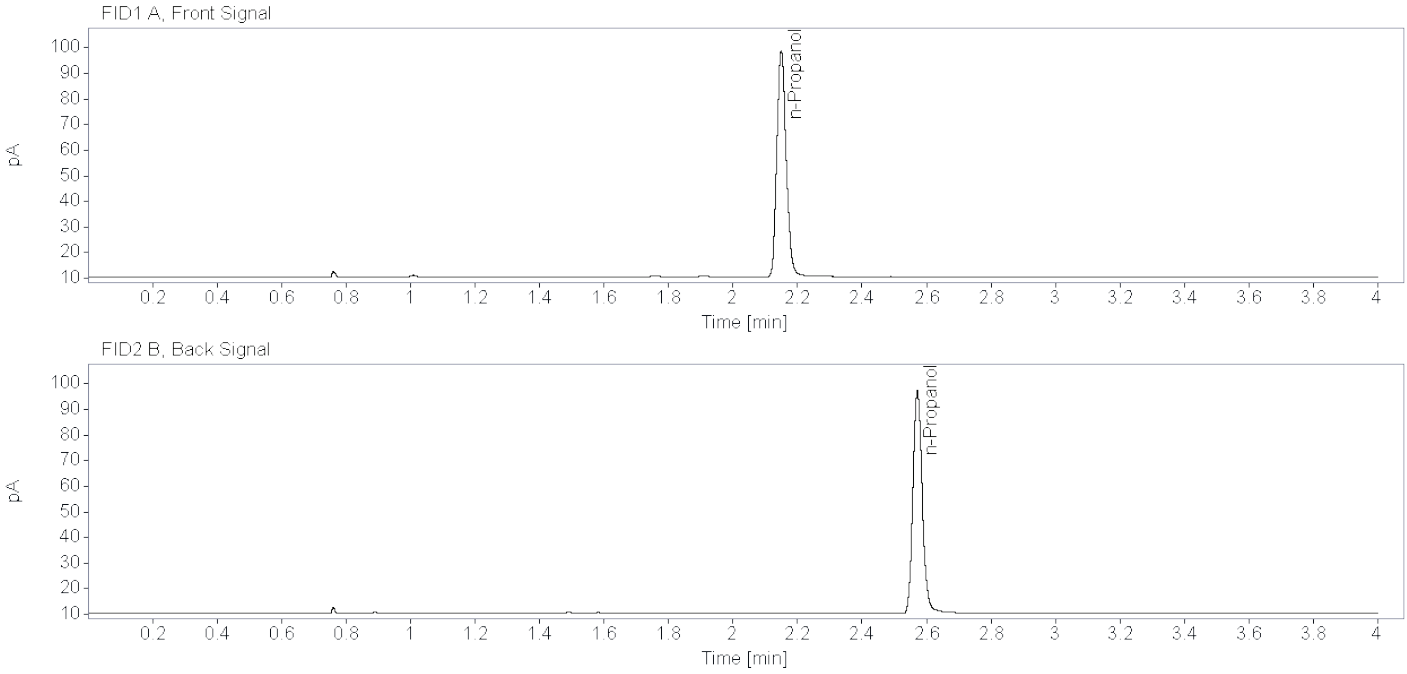
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85333	2.570	2.569	174.6335	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1085 001_001 (25-1067) **Description:** Alq 2 **Sample Barcode** 25-1067 **Vial Number:** 47

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 3:00:02 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82082	2.149	2.148	176.4382	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85560	2.572	2.569	173.7933	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1102 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1962	Aliquot 1:	0.1964
	Aliquot 2:	0.1980	Aliquot 2:	0.1980

Reported Result: **0.197** **g/100 mL**

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

Comments:

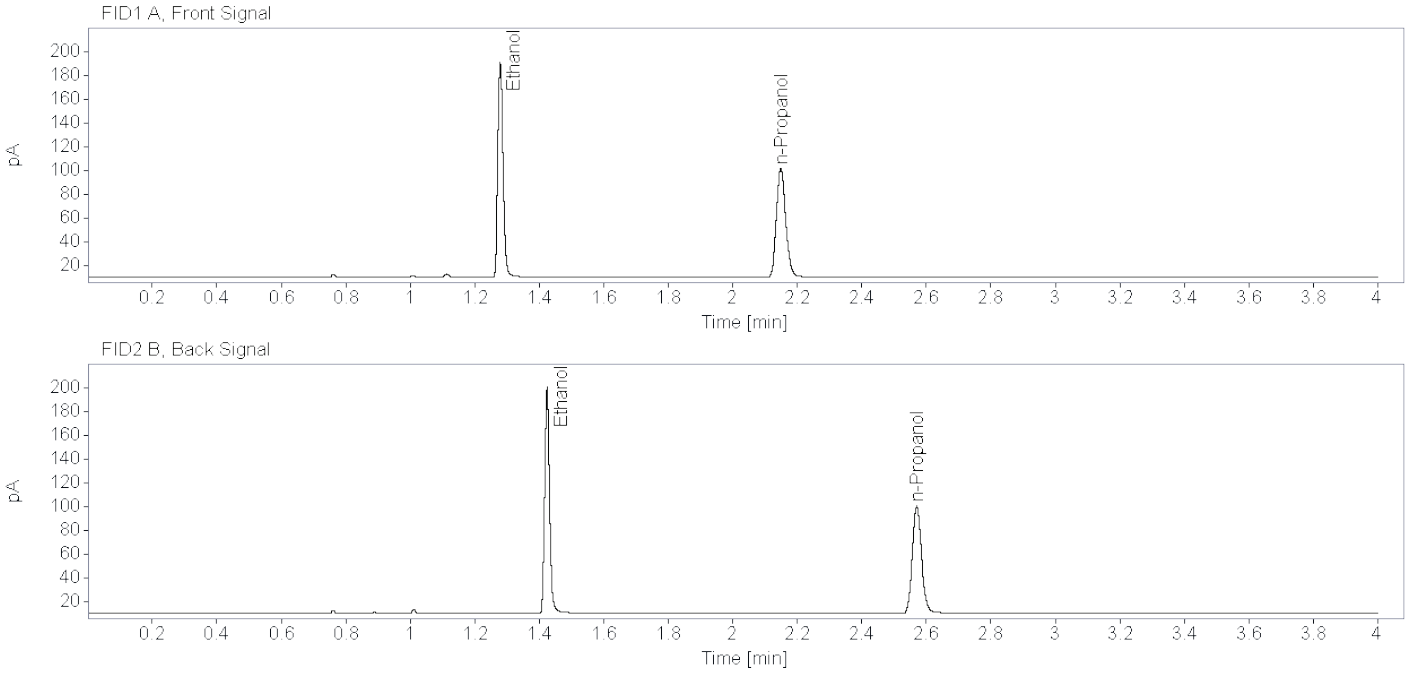
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1102 001_001 (25-1040) **Description:** Alq 1 **Sample Barcode** 25-1040 **Vial Number:** 20

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:39:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80157	1.279	1.278	201.6520	0.1962
n-Propanol	0.83903	2.149	2.148	182.1475	0.0100

Name FID2B

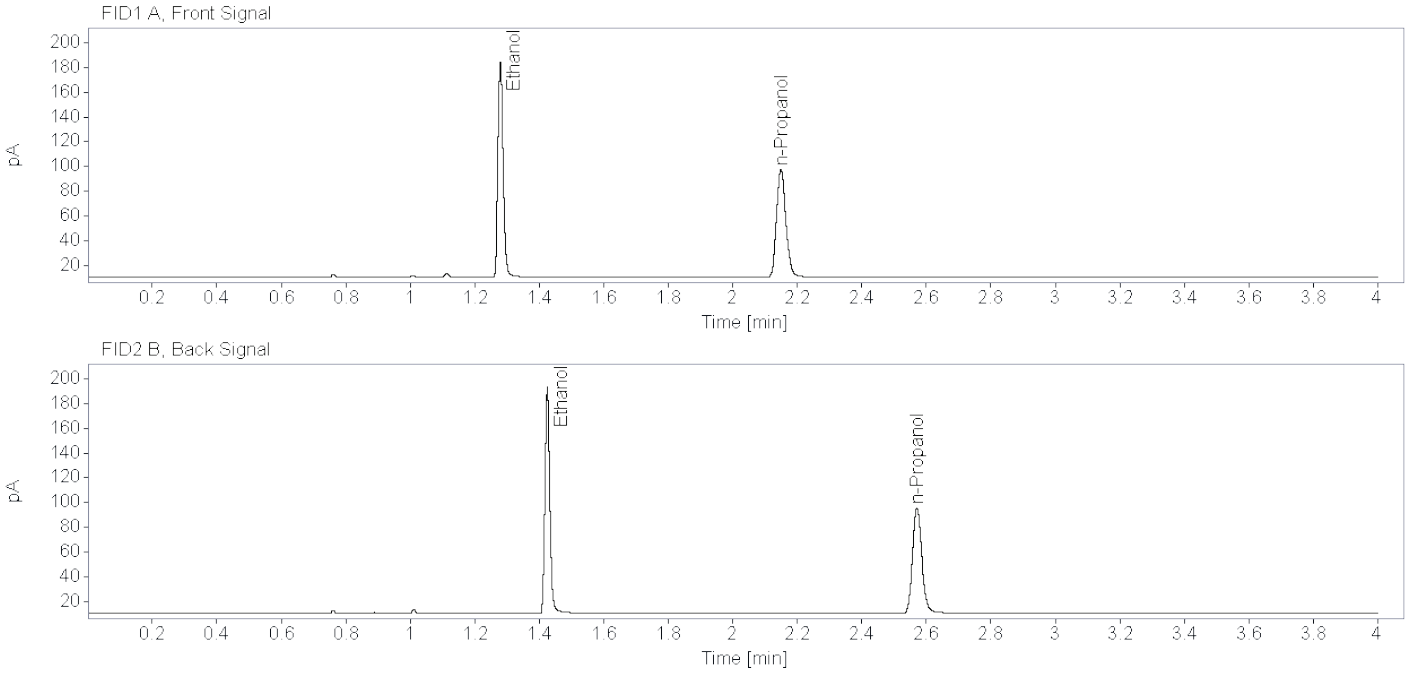
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81295	1.424	1.422	200.7280	0.1964
n-Propanol	0.85802	2.570	2.569	179.0900	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1102 001_001 (25-1066) **Description:** Alq 2 **Sample Barcode** 25-1066 **Vial Number:** 46

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:54:21 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80508	1.279	1.278	194.1769	0.1980
n-Propanol	0.81755	2.149	2.148	173.8461	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82228	1.425	1.422	193.0040	0.1980
n-Propanol	0.85919	2.571	2.569	170.7824	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1103 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

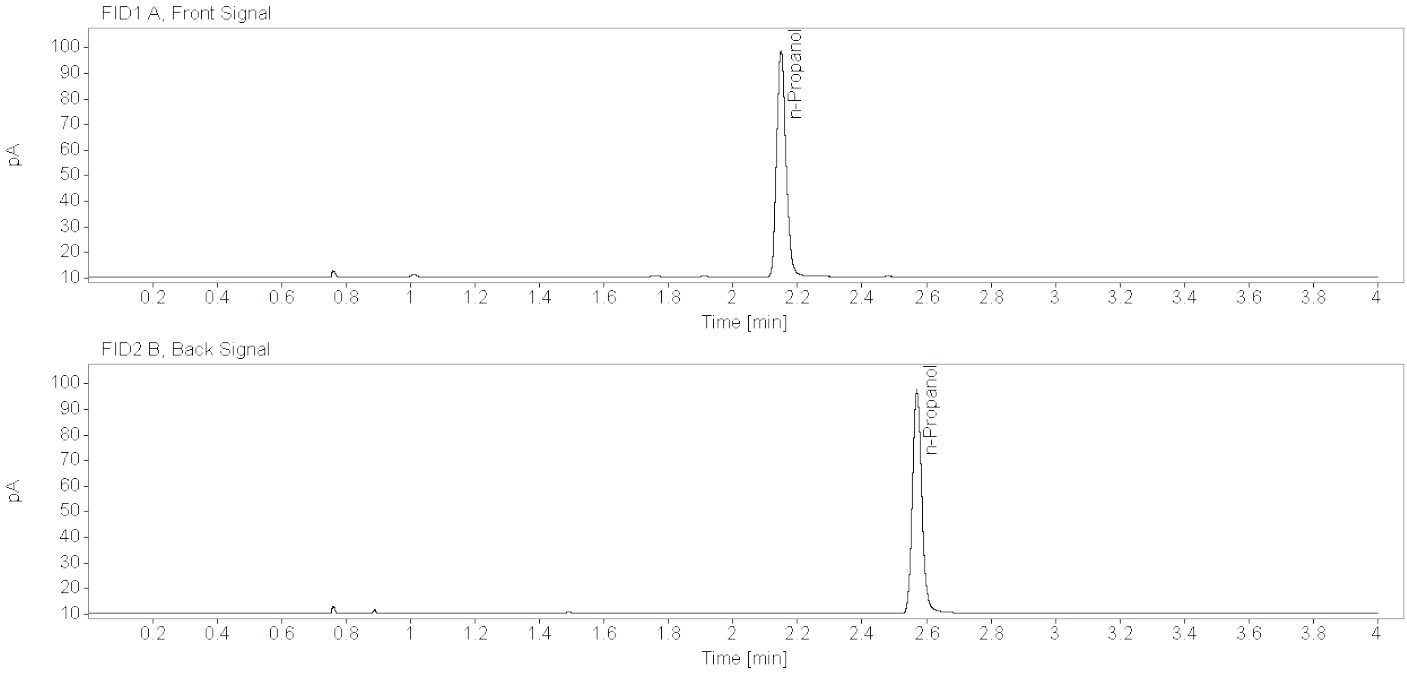
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1103 001_001 (25-1041) **Description:** Alq 1 **Sample Barcode** 25-1041 **Vial Number:** 21

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:44:50 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82115	2.149	2.148	176.2610	0.0100

Name FID2B

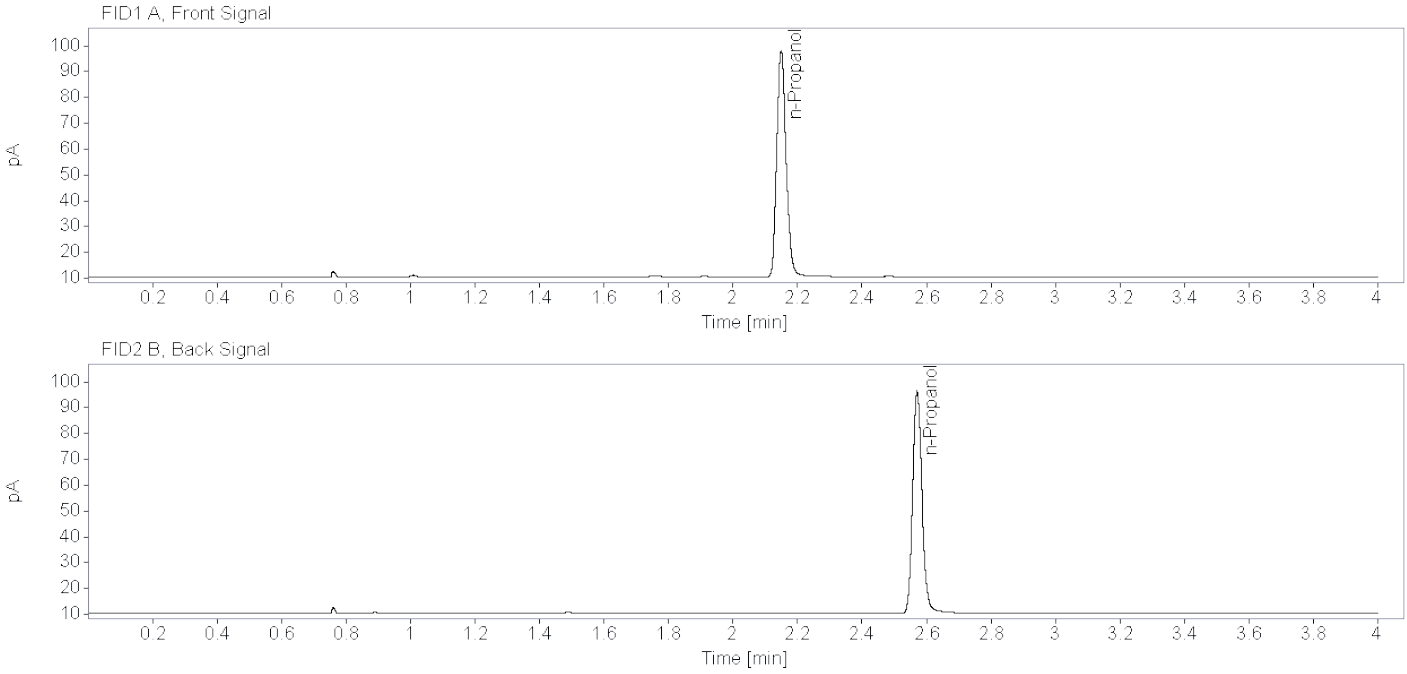
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86190	2.570	2.569	173.7029	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1103 001_001 (25-1065) **Description:** Alq 2 **Sample Barcode** 25-1065 **Vial Number:** 45

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:49:38 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81780	2.149	2.148	174.7246	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86162	2.571	2.569	171.8557	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1118 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1315	Aliquot 1:	0.1311
	Aliquot 2:	0.1296	Aliquot 2:	0.1293

Reported Result: **0.130** **g/100 mL**

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

Comments:

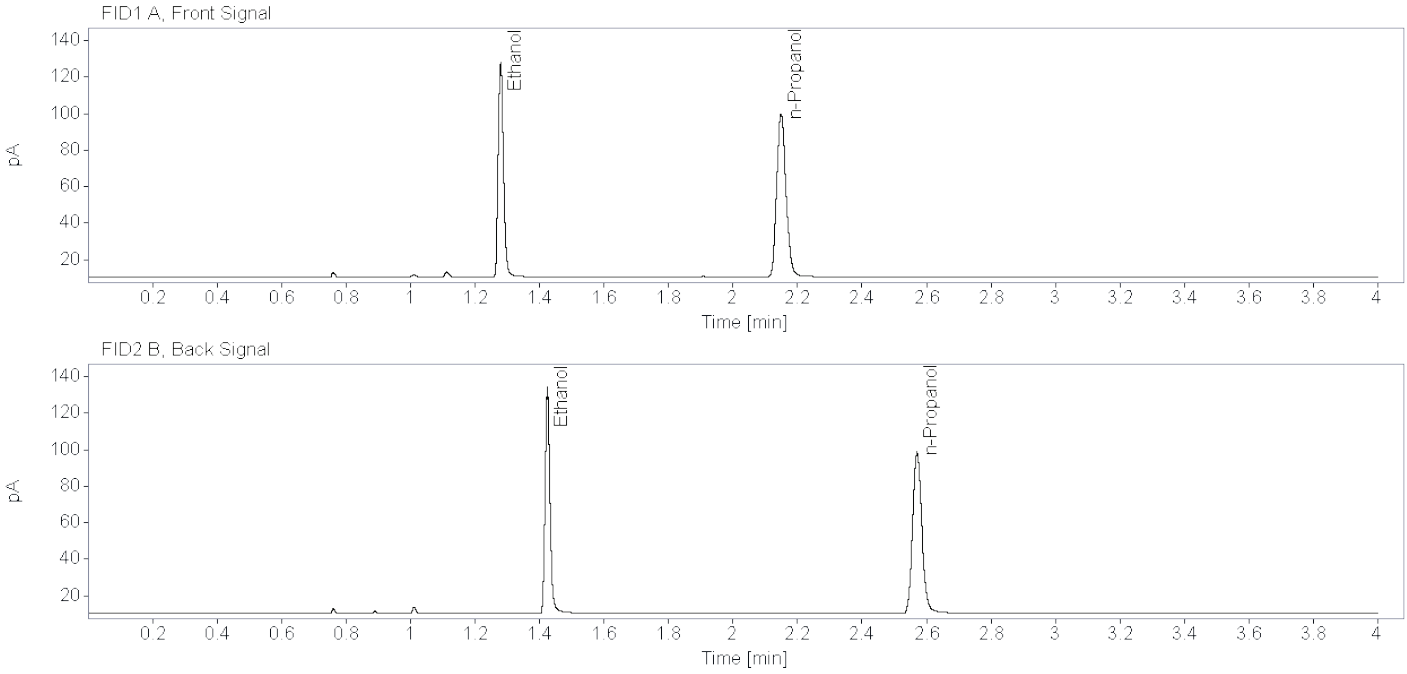
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1118 001_001 (25-1043) **Description:** Alq 1 **Sample Barcode** 25-1043 **Vial Number:** 23

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:55:14 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78757	1.280	1.278	132.2492	0.1315
n-Propanol	0.82455	2.149	2.148	178.5597	0.0100

Name FID2B

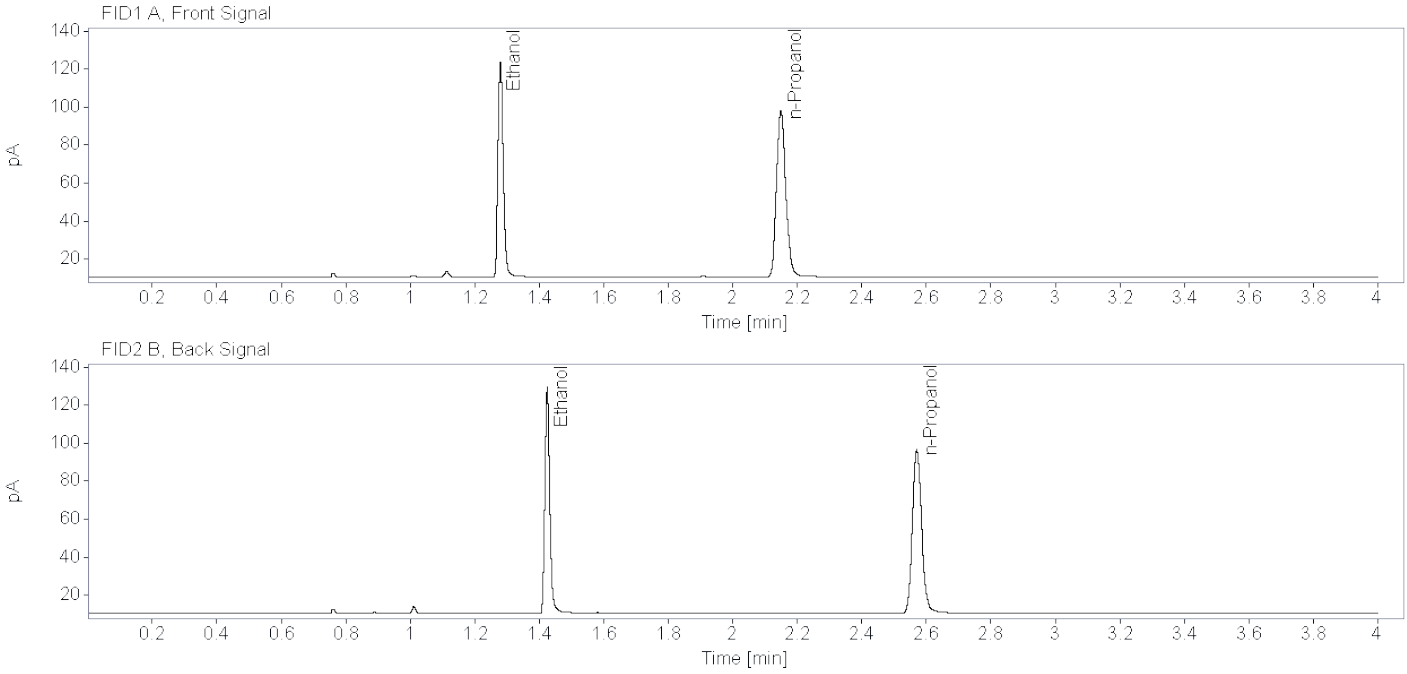
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78431	1.424	1.422	131.1388	0.1311
n-Propanol	0.86663	2.571	2.569	175.6921	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1118 001_001 (25-1063) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 43

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:39:14 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79109	1.280	1.278	127.3882	0.1296
n-Propanol	0.81860	2.149	2.148	174.5653	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79607	1.424	1.422	126.4575	0.1293
n-Propanol	0.85597	2.571	2.569	171.8338	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1123 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

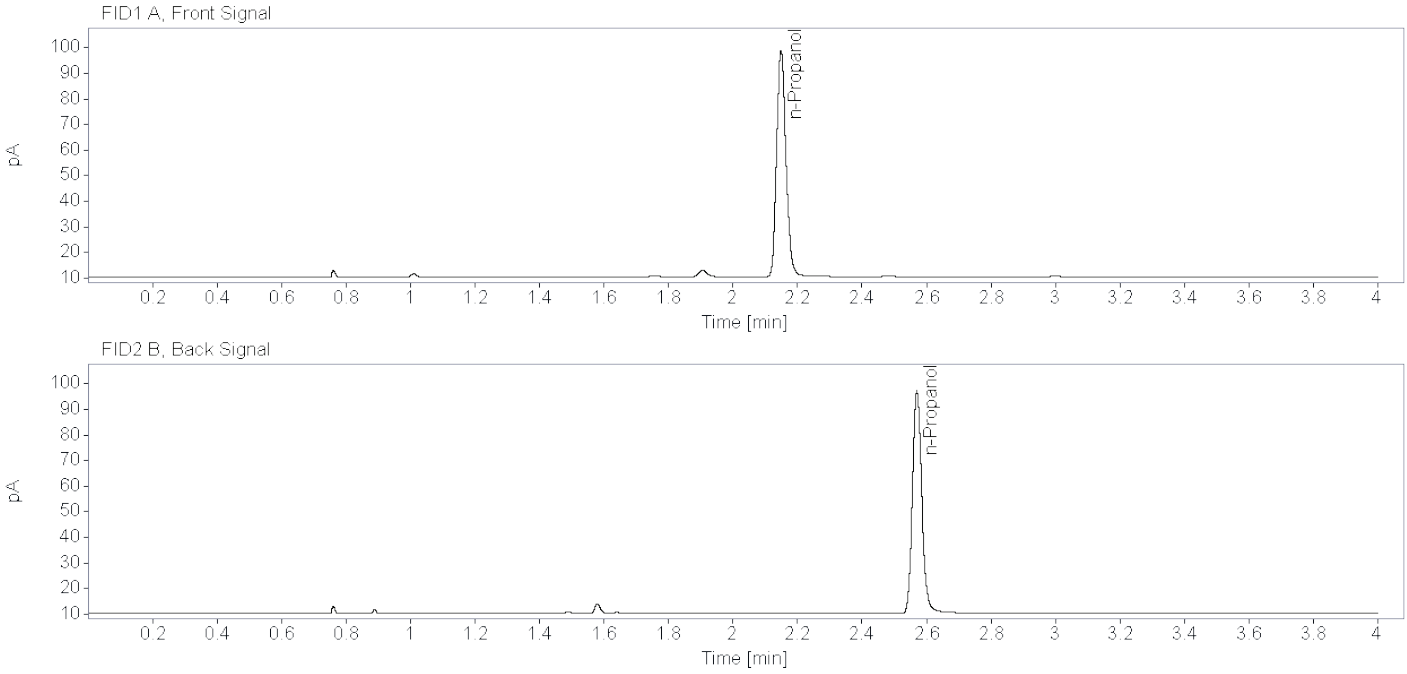
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1123 001_001 (25-1044) **Description:** Alq 1 **Sample Barcode** 25-1044 **Vial Number:** 24

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 12:59:57 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82162	2.149	2.148	176.3686	0.0100

Name FID2B

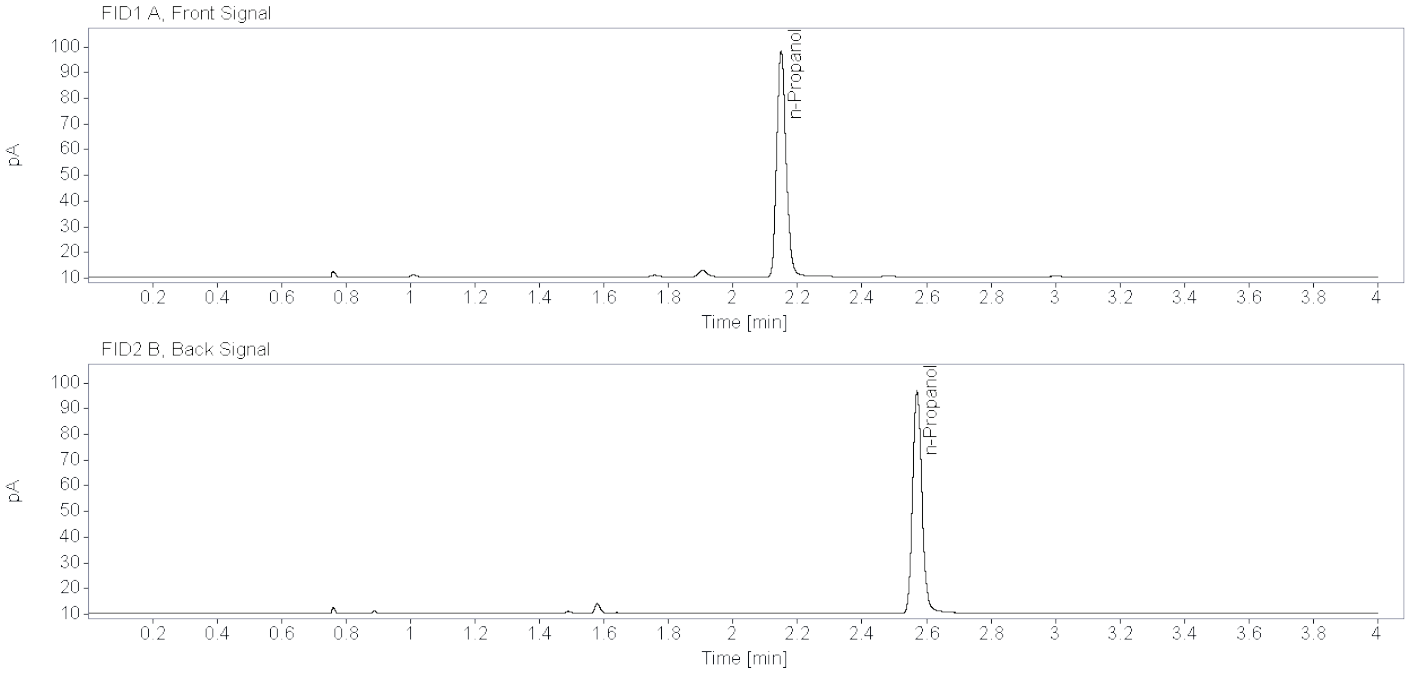
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86318	2.570	2.569	173.5125	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1123 001_001 (25-1062) **Description:** Alq 2 **Sample Barcode** 25-1062 **Vial Number:** 42

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:33:33 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81736	2.149	2.148	175.6125	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86223	2.571	2.569	172.7819	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1124 005_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1780	Aliquot 1:	0.1777
	Aliquot 2:	0.1841	Aliquot 2:	0.1842

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

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

Comments:

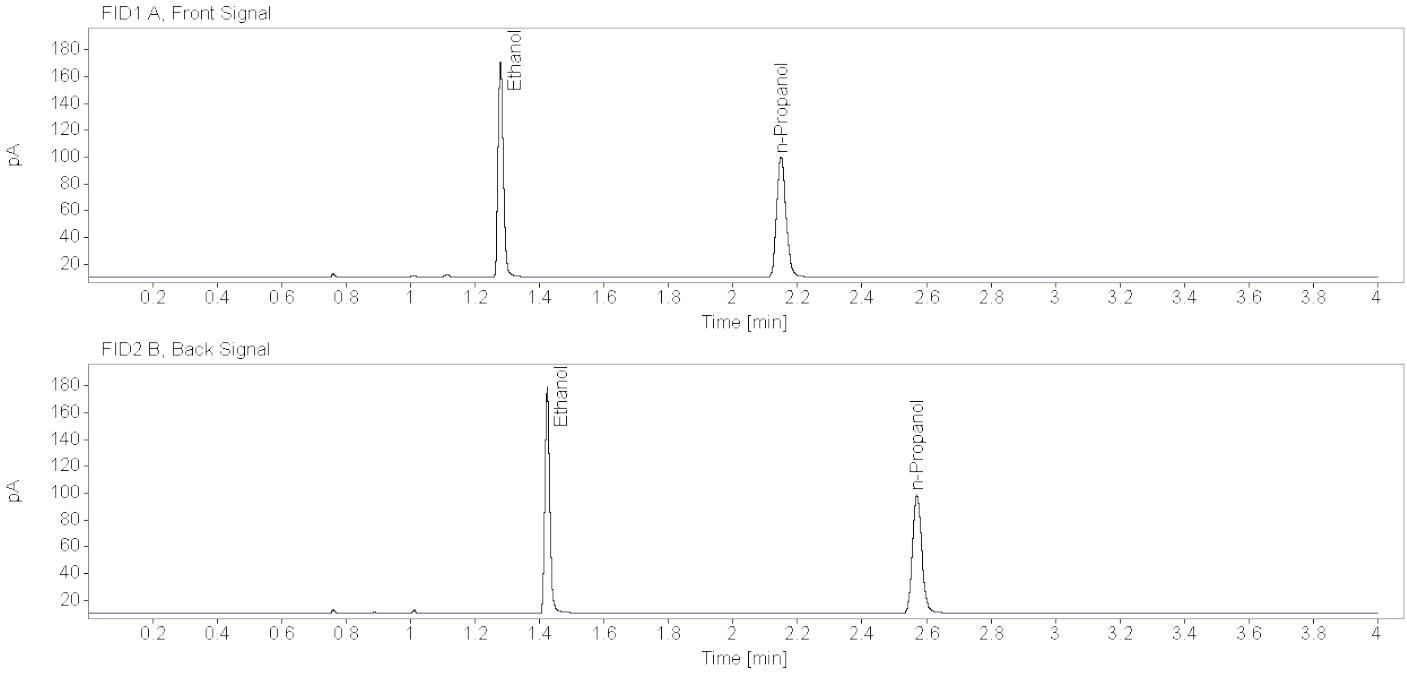
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1124 005_001 (25-1045) **Description:** Alq 1 **Sample Barcode** 25-1045 **Vial Number:** 25

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:05:38 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79104	1.279	1.278	180.0566	0.1780
n-Propanol	0.82198	2.149	2.148	179.3651	0.0100

Name FID2B

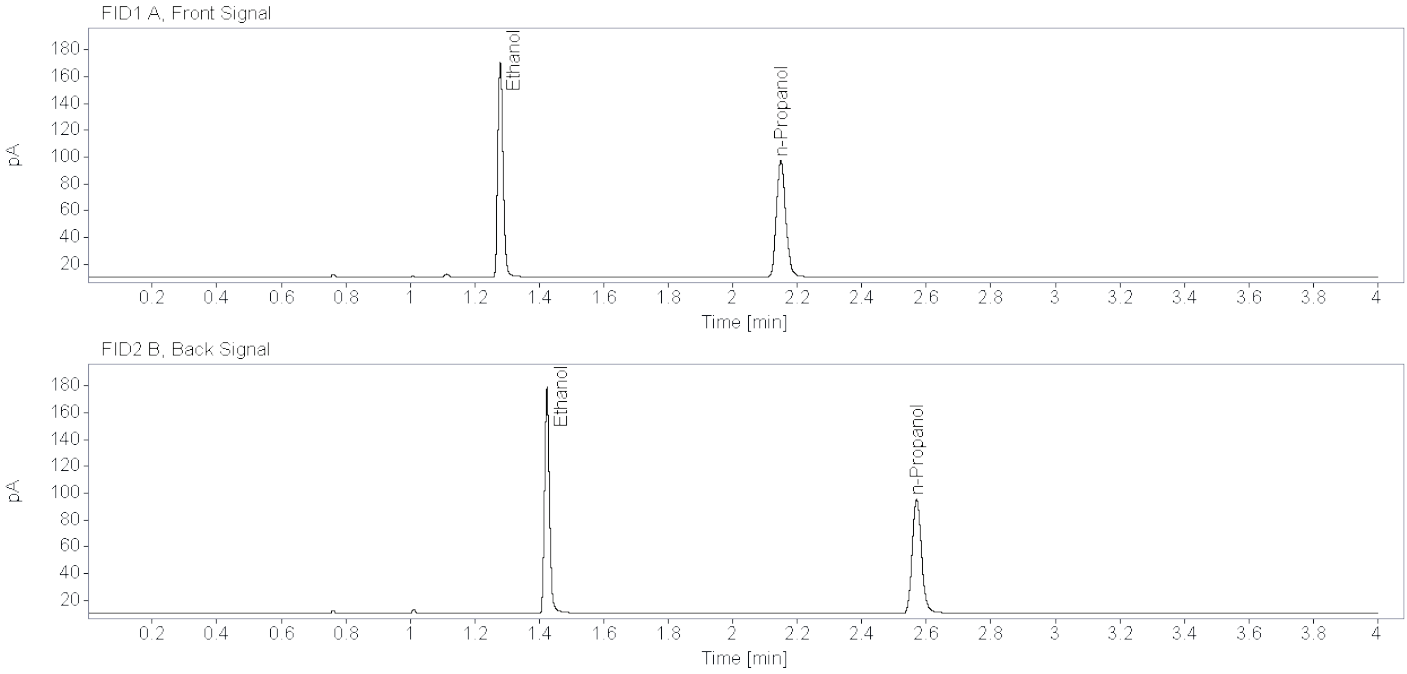
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81337	1.424	1.422	178.9857	0.1777
n-Propanol	0.86326	2.570	2.569	176.5816	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1124 005_001 (25-1061) **Description:** Alq 2 **Sample Barcode** 25-1061 **Vial Number:** 41

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:28:51 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80217	1.279	1.278	179.5428	0.1841
n-Propanol	0.82306	2.149	2.148	172.9267	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79355	1.424	1.422	178.6649	0.1842
n-Propanol	0.85245	2.570	2.569	170.0022	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1125 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

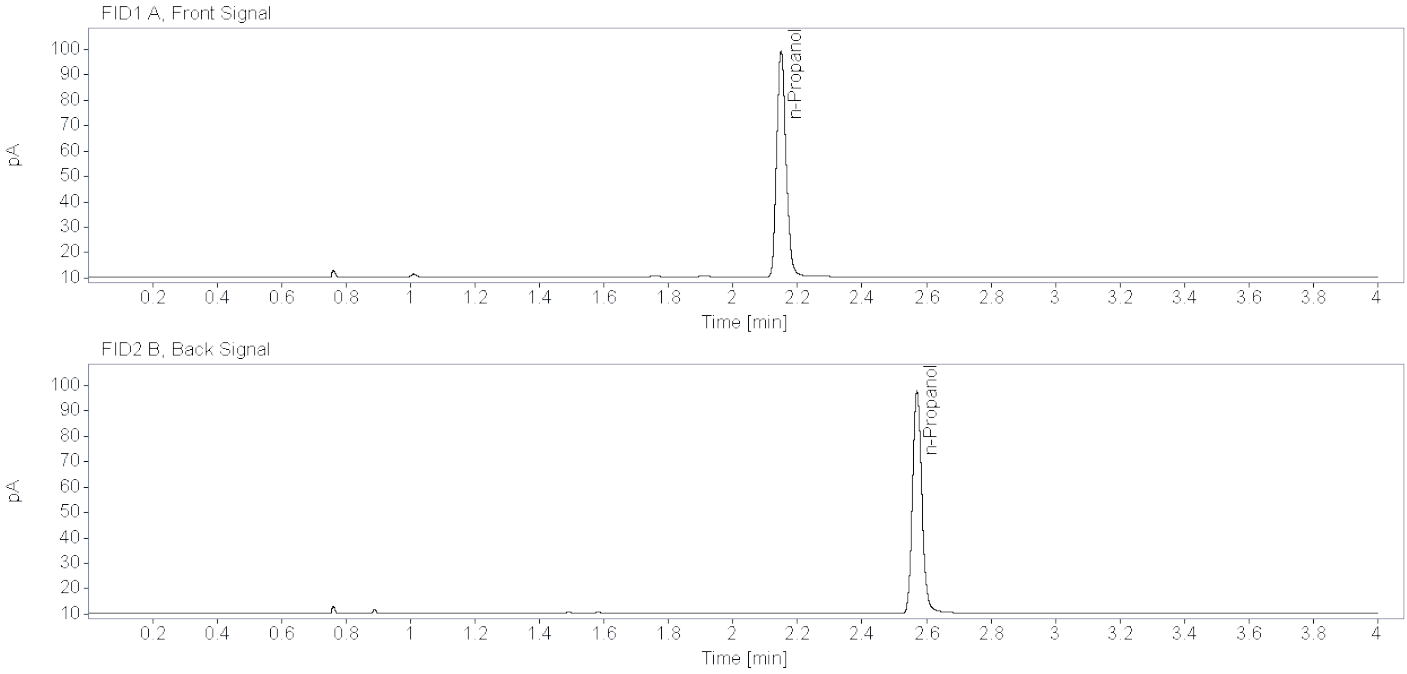
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1125 001_001 (25-1046) **Description:** Alq 1 **Sample Barcode** 25-1046 **Vial Number:** 26

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:10:21 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82103	2.149	2.148	177.4613	0.0100

Name FID2B

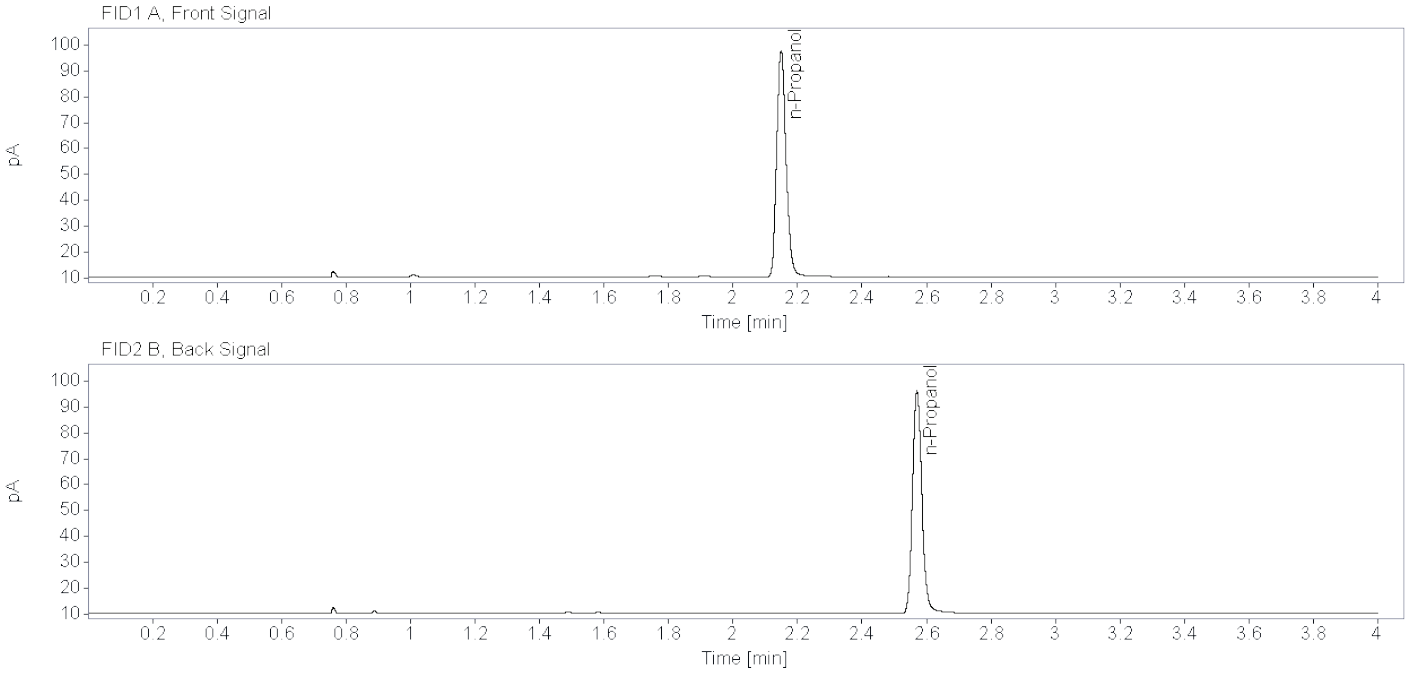
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86294	2.570	2.569	174.8009	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1125 001_001 (25-1060) **Description:** Alq 2 **Sample Barcode** 25-1060 **Vial Number:** 40

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:23:09 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81760	2.149	2.148	174.4730	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85999	2.570	2.569	171.7169	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1126 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1973	Aliquot 1:	0.1970
	Aliquot 2:	0.1879	Aliquot 2:	0.1880

Reported Result: **0.192** **g/100 mL**

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

Comments:

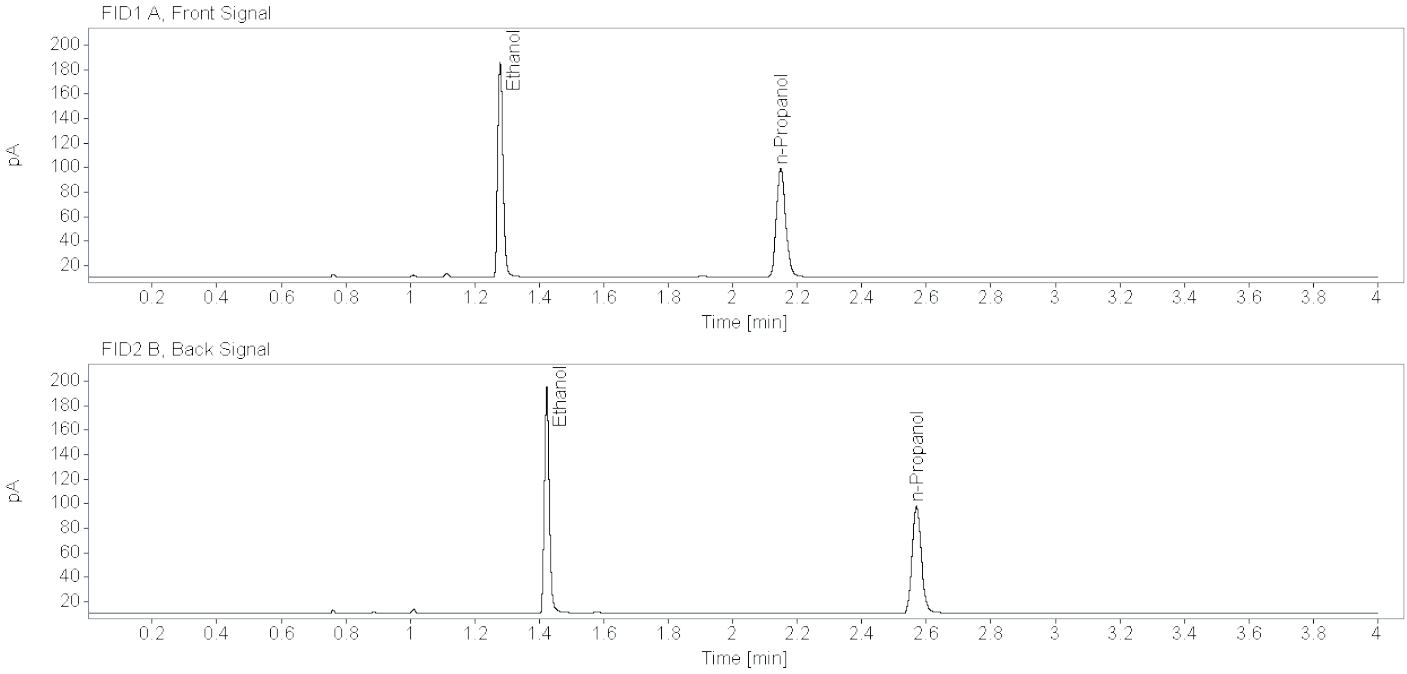
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1126 001_001 (25-1047) **Description:** Alq 1 **Sample Barcode** 25-1047 **Vial Number:** 27

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:16:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80235	1.279	1.278	197.4395	0.1973
n-Propanol	0.83087	2.149	2.148	177.3361	0.0100

Name FID2B

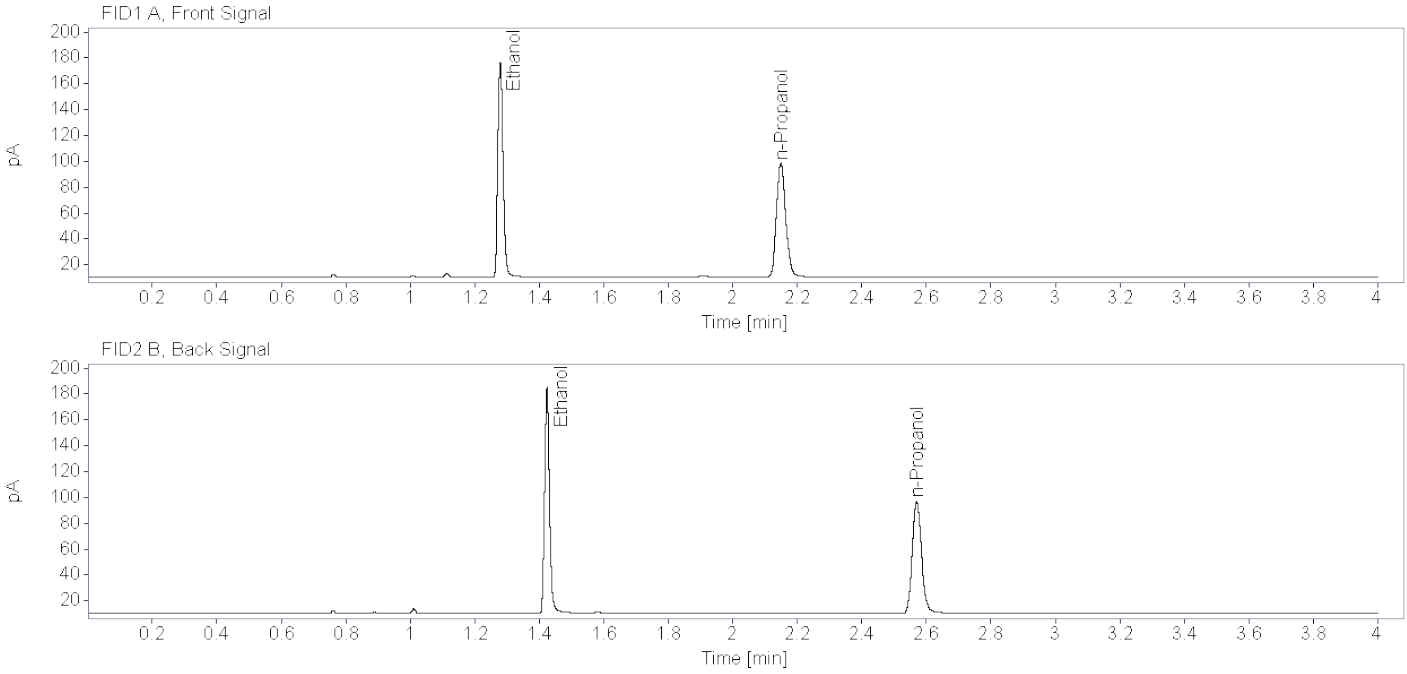
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79024	1.423	1.422	195.8842	0.1970
n-Propanol	0.85385	2.570	2.569	174.2169	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1126 001_001 (25-1059) **Description:** Alq 2 **Sample Barcode** 25-1059 **Vial Number:** 39

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:18:27 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80354	1.279	1.278	186.3802	0.1879
n-Propanol	0.82452	2.149	2.148	175.8519	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79685	1.424	1.422	185.4059	0.1880
n-Propanol	0.85084	2.570	2.569	172.8505	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1127 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2186	Aliquot 1:	0.2179
	Aliquot 2:	0.2181	Aliquot 2:	0.2177

Reported Result: **0.218** **g/100 mL**

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

Comments:

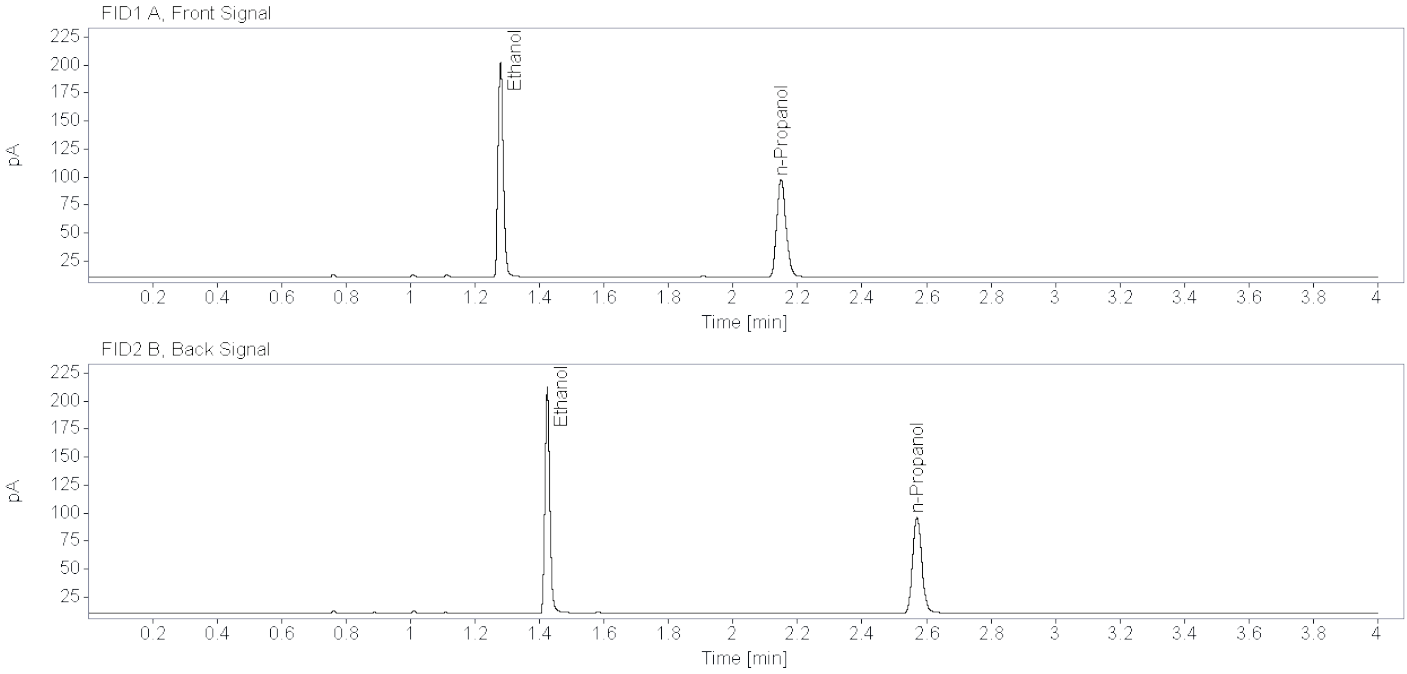
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1127 001_001 (25-1048) **Description:** Alq 1 **Sample Barcode** 25-1048 **Vial Number:** 28

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:20:45 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81276	1.279	1.278	214.8988	0.2186
n-Propanol	0.81954	2.149	2.148	174.1587	0.0100

Name FID2B

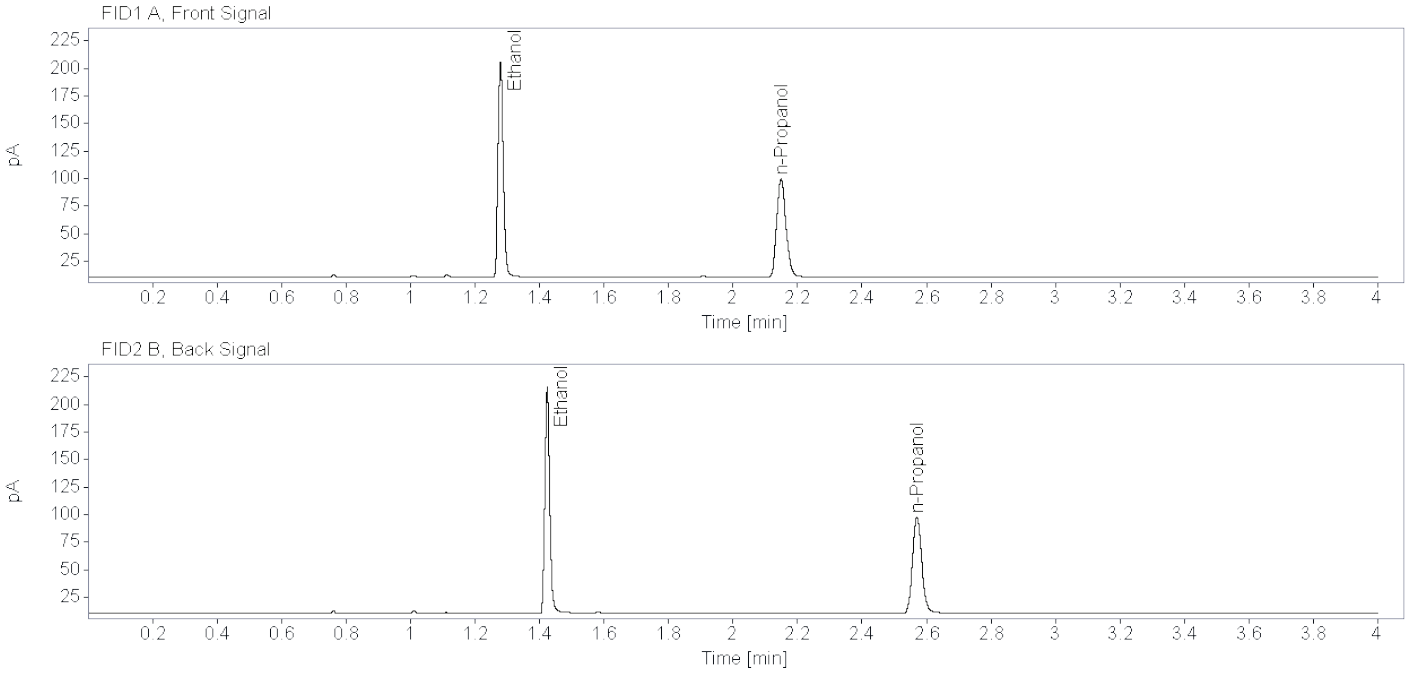
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82665	1.424	1.422	213.3607	0.2179
n-Propanol	0.86136	2.570	2.569	171.4664	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1127 001_001 (25-1058) **Description:** Alq 2 **Sample Barcode** 25-1058 **Vial Number:** 38

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:12:45 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81273	1.279	1.278	218.6898	0.2181
n-Propanol	0.81746	2.149	2.148	177.6793	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82360	1.424	1.422	217.2260	0.2177
n-Propanol	0.86105	2.570	2.569	174.7339	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1139 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

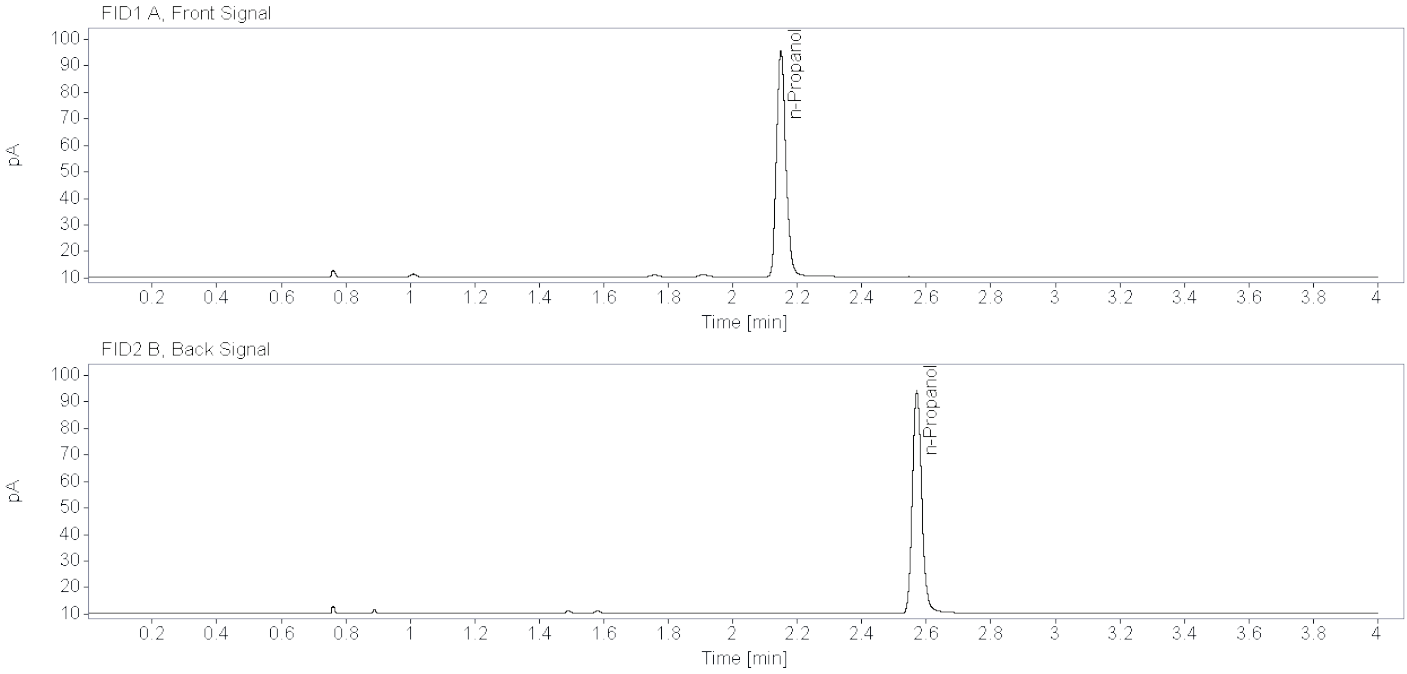
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1139 001_001 (25-1049) **Description:** Alq 1 **Sample Barcode** 25-1049 **Vial Number:** 29

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:26:26 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81530	2.149	2.148	169.9800	0.0100

Name FID2B

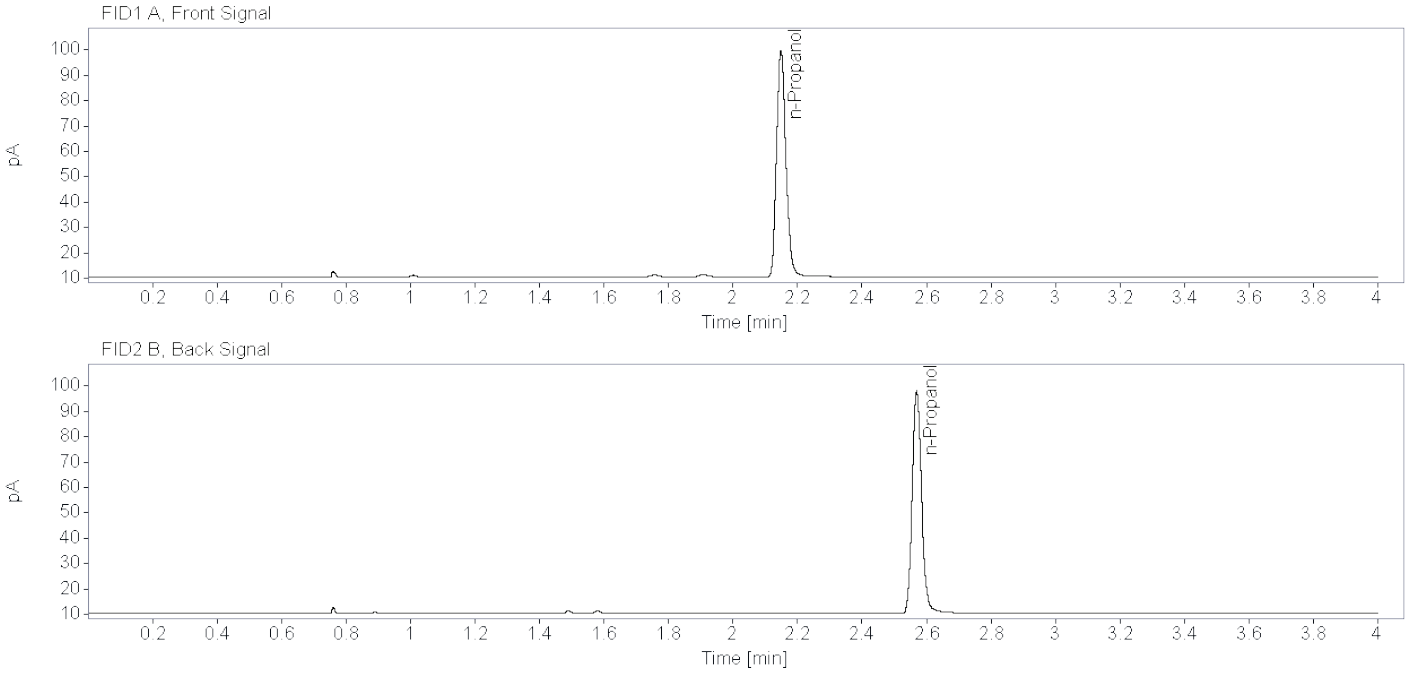
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85833	2.571	2.569	167.3494	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1139 001_001 (25-1057) **Description:** Alq 2 **Sample Barcode** 25-1057 **Vial Number:** 37

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:08:02 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81654	2.149	2.148	178.3165	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85178	2.569	2.569	175.7320	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1140 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

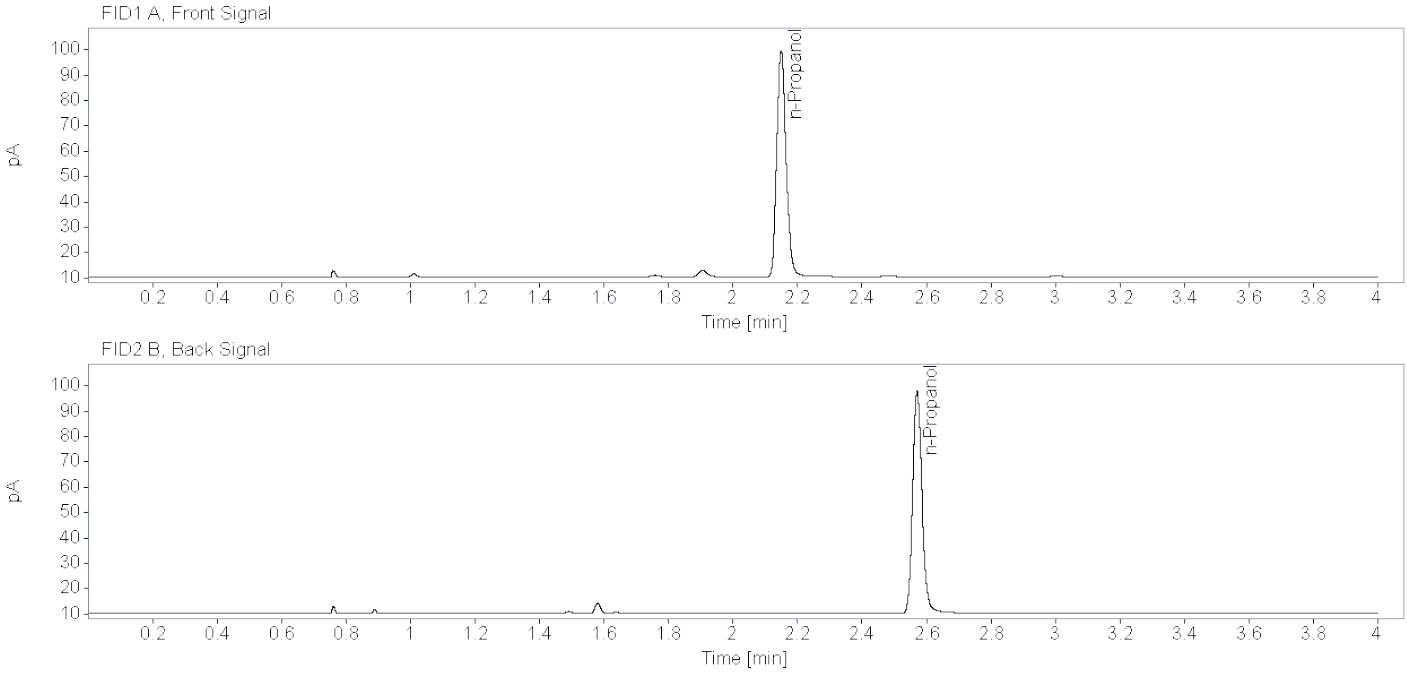
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1140 001_001 (25-1050) **Description:** Alq 1 **Sample Barcode** 25-1050 **Vial Number:** 30

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:31:09 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81985	2.149	2.148	177.7494	0.0100

Name FID2B

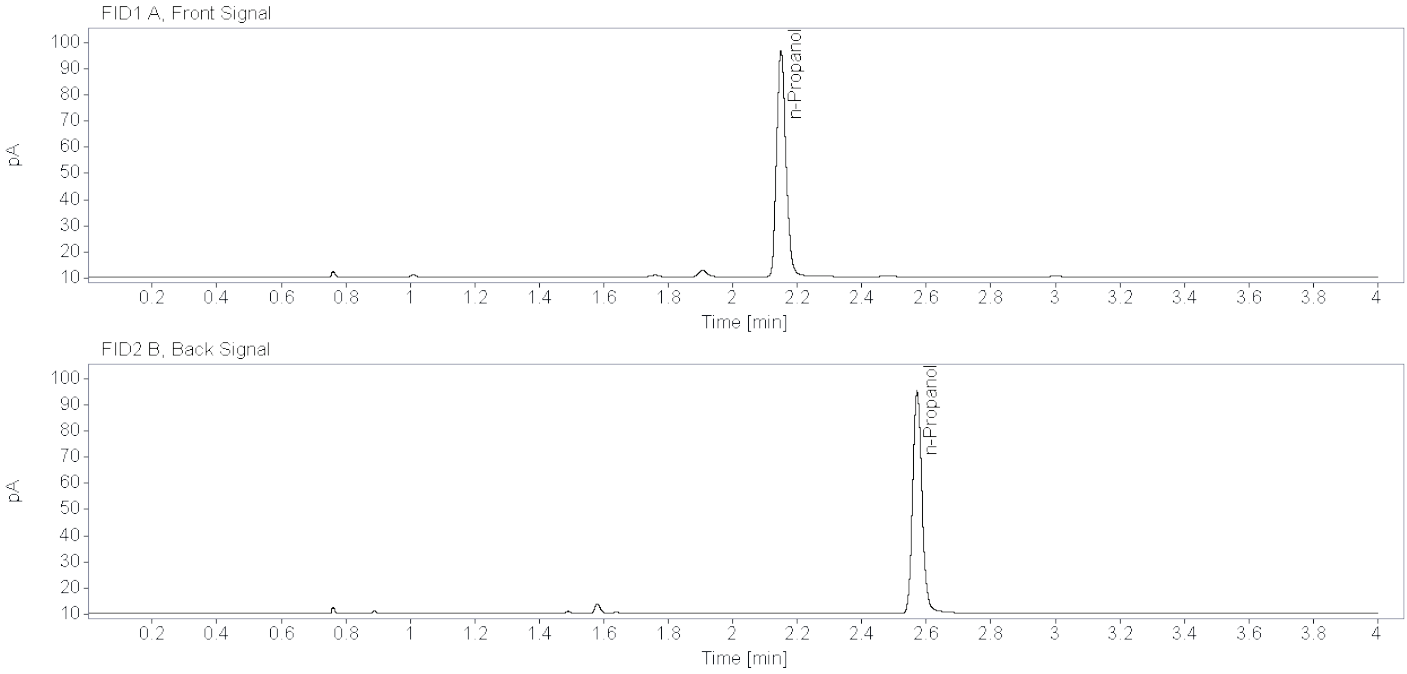
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86670	2.571	2.569	174.8438	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1140 001_001 (25-1056) **Description:** Alq 2 **Sample Barcode** 25-1056 **Vial Number:** 36

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 2:02:21 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81733	2.150	2.148	172.2864	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86072	2.572	2.569	169.4629	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1141 006_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

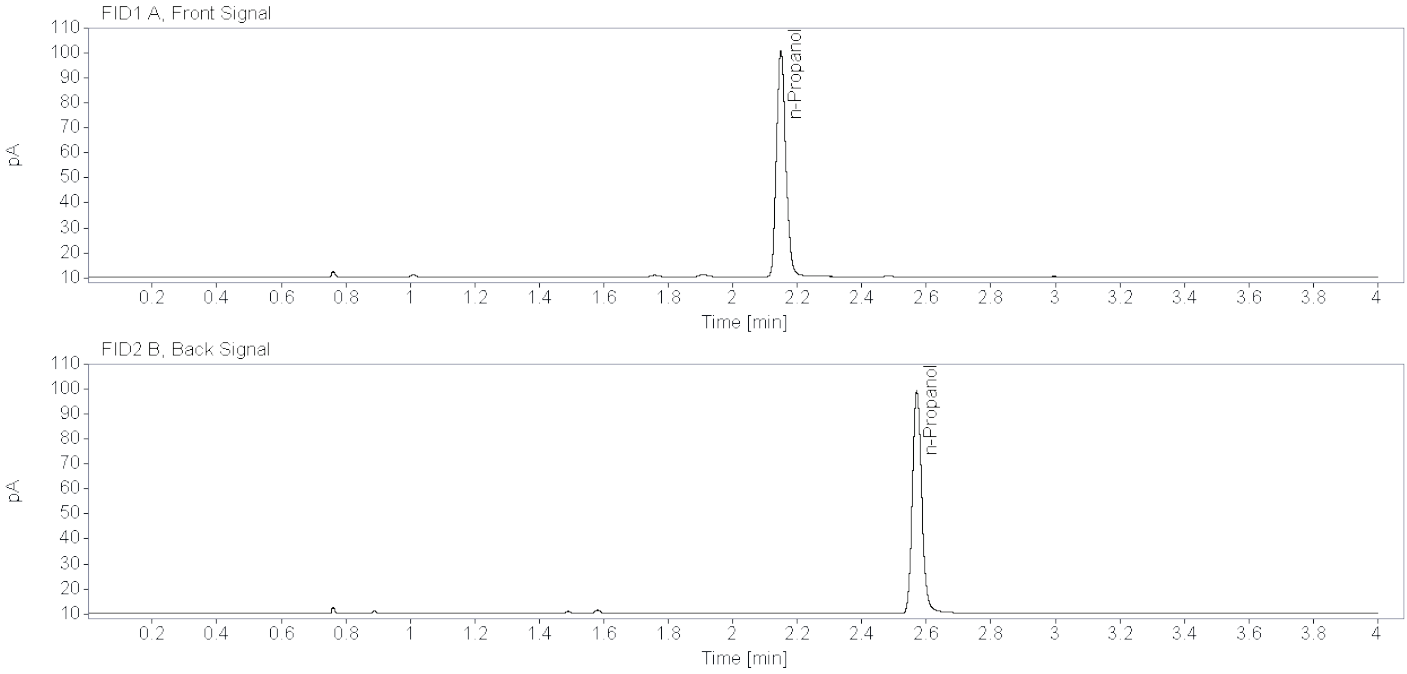
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1141 006_001 (25-1051) **Description:** Alq 1 **Sample Barcode** 25-1051 **Vial Number:** 31

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:36:52 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81842	2.149	2.148	180.0096	0.0100

Name FID2B

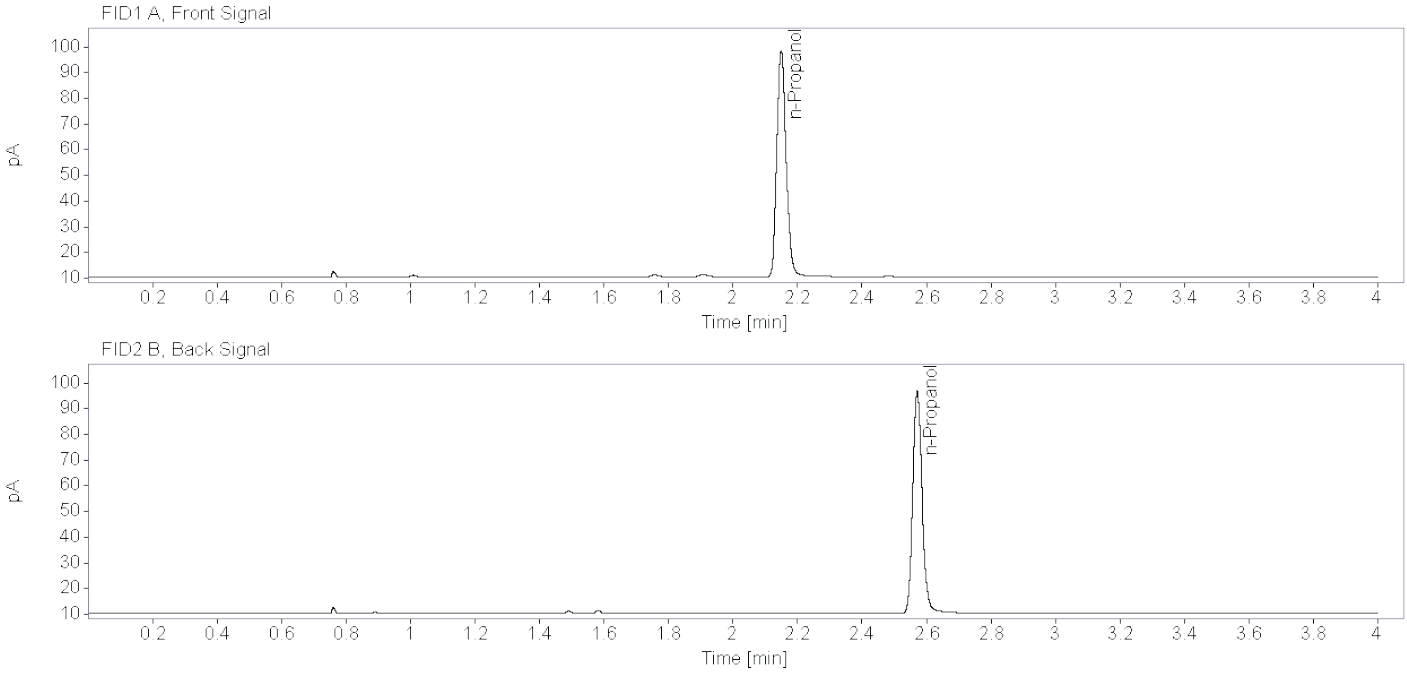
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86010	2.571	2.569	177.2719	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1141 006_001 (25-1055) **Description:** Alq 2 **Sample Barcode** 25-1055 **Vial Number:** 35

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:57:39 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81712	2.149	2.148	175.6238	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86540	2.571	2.569	172.7180	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1143 001_001

Batch Name: BAC_20250721_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2278	Aliquot 1:	0.2279
	Aliquot 2:	0.2172	Aliquot 2:	0.2171

Reported Result: 0.222 g/100 mL

Reported UM: 0.036 g/100 mL

Comments:

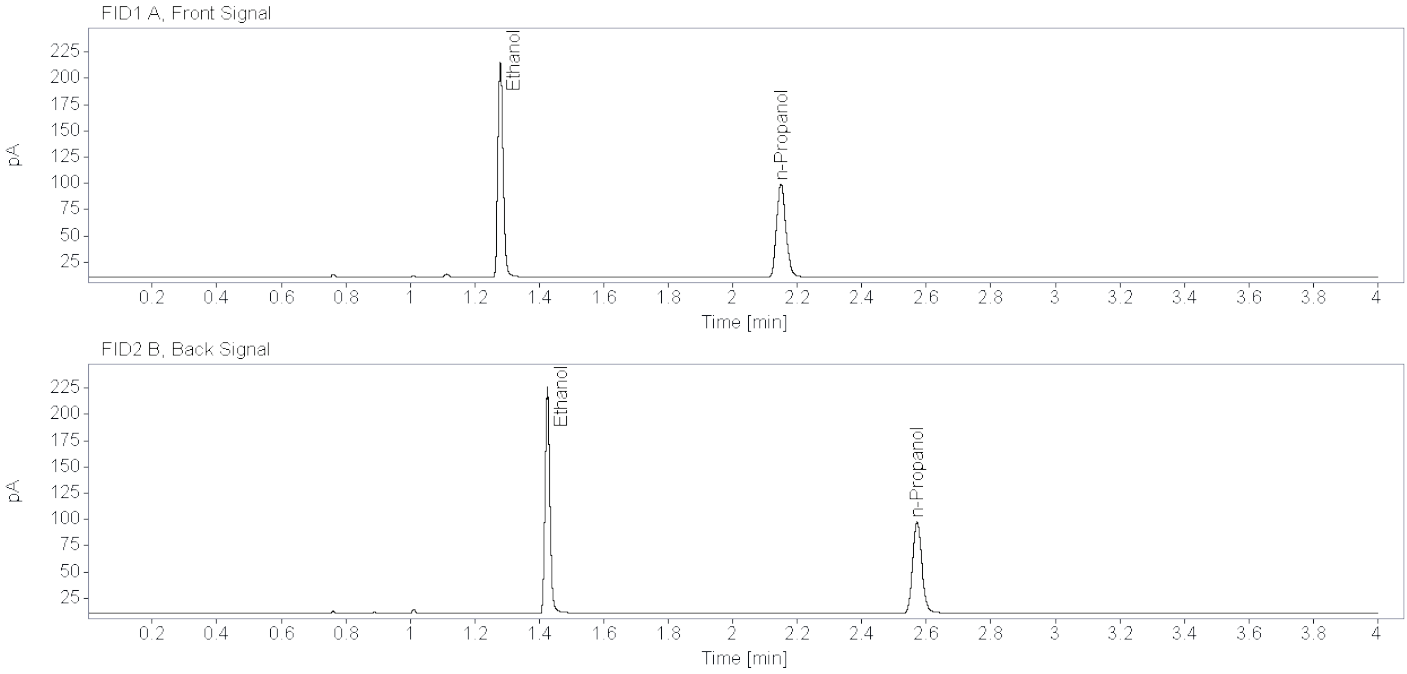
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1143 001_001 (25-1052) **Description:** Alq 1 **Sample Barcode** 25-1052 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:41:33 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81737	1.279	1.278	227.8310	0.2278
n-Propanol	0.82003	2.149	2.148	177.1483	0.0100

Name FID2B

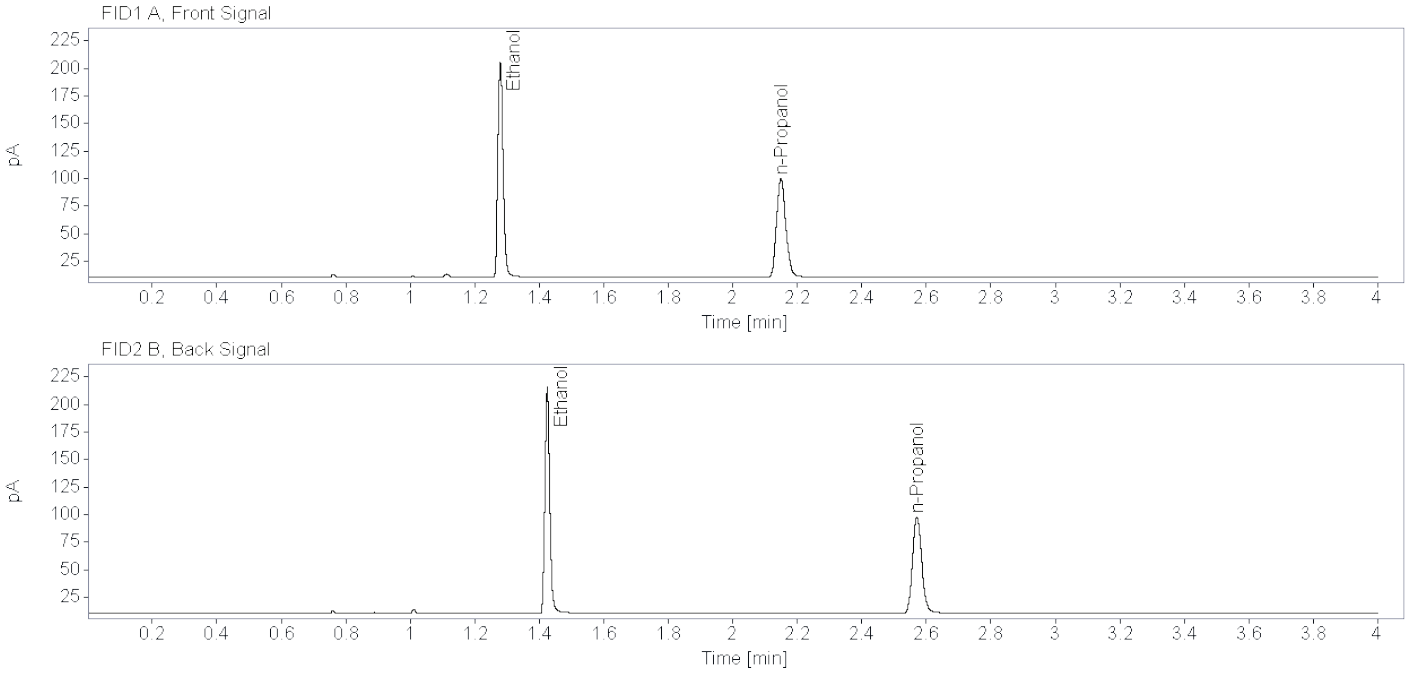
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81532	1.425	1.422	226.4889	0.2279
n-Propanol	0.86300	2.571	2.569	174.0020	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1143 001_001 (25-1054) **Description:** Alq 2 **Sample Barcode** 25-1054 **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 7/21/2025 1:51:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250721_MH 2025-07-21 10-50-49\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80966	1.279	1.278	217.7306	0.2172
n-Propanol	0.81643	2.149	2.148	177.6052	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82655	1.425	1.422	216.5059	0.2171
n-Propanol	0.85980	2.571	2.569	174.6495	0.0100