Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250529_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: 2025.06.02 14:09:02 -05'00'

Date: 6/2/2025

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.06.12 07:16:34 -05'00'

Date: 6/12/2025

Batch Name: BAC_20250529_MH

Technical Review Notes

-Instrument missing on high QC tab in QC log -KB 6/5/2025

BAC Summary Worksheet

Batch Name:	BAC_20250529_MH
Instrument:	BAC-2
Analyst:	Melissa Henry
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		177.0749	169.2874
Acceptance Range	**Min**	159.3674	152.3586
	Max	194.7824	186.2161

Calibrators	Ethanol Obtained Value		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
0.010 g/100mL Calibrator	0.0103	0.0106	0.0104	4.00	-0.96	1.92	177.5998	170.5442
0.025 g/100mL Calibrator	0.0248	0.0247	0.0247	-1.20	0.40	0.00	179.2635	171.4895
0.050 g/100mL Calibrator	0.0493	0.0485	0.0489	-2.20	0.82	-0.82	175.1372	167.6158
0.100 g/100mL Calibrator	0.0992	0.0982	0.0987	-1.30	0.51	-0.51	178.0573	170.0928
0.200 g/100mL Calibrator	0.1991	0.1990	0.1990	-0.50	0.05	0.00	177.2009	169.4062
0.400 g/100mL Calibrator	0.3960	0.3958	0.3959	-1.03	0.03	-0.03	176.0100	168.1405
0.500 g/100mL Calibrator	0.5065	0.5086	0.5075	1.50	-0.20	0.22	176.2555	167.7227

		Target	Acceptance Range	
			Min	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		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
Negative	0.0000	0.0000	0.0000	-	-	-	178.2496	170.4769
High QC	0.3980	0.3978	0.3979	-0.53	0.03	-0.03	178.2488	169.9402
Low QC	0.0807	0.0794	0.0800	0.00	0.87	-0.75	177.0025	169.0066
Blood QC A	0.0760	0.0757	0.0758	-3.81	0.26	-0.13	177.2710	168.6290
Blood QC B	0.1941	0.1936	0.1938	1.10	0.15	-0.10	178.5544	169.7203
Blood QC A	0.0771	0.0764	0.0767	-2.66	0.52	-0.39	175.7839	167.1601
Blood QC B	0.1936	0.1918	0.1927	0.52	0.47	-0.47	174.9781	166.6212
Blood QC A	0.0776	0.0768	0.0772	-2.03	0.52	-0.52	173.0993	165.2616
High QC	0.4114	0.4121	0.4117	2.93	-0.07	0.10	177.0232	168.4446
Low QC	0.0828	0.0822	0.0825	3.13	0.36	-0.36	174.2931	165.9884
DI Water	0.0000	0.0000	0.0000	-	-	-	181.3427	173.3449

		Target	Acceptance Range	
			Min	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		Ethanol Obtained Value Alq2		Result	UM	% Difference FID & Average				IS Area Counts Alq1		IS Area Counts Alq2	
		FID1	FID2	FID1	FID2			Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	FID1	FID2	FID1	FID2
1	BCCL-25-0826 001_001	0.1598	0.1585	0.1606	0.1601	0.159	0.026	0.03	-0.78	0.53	0.22	176.8451	168.7185	176.9472	168.7008
2	BCCL-25-0827 001_001	0.1779	0.1753	0.1744	0.1737	0.175	0.028	1.47	-0.01	-0.53	-0.93	180.9661	172.6715	177.8928	169.6023
3	BCCL-25-0902 001_001	0.2907	0.2888	0.2915	0.2928	0.290	0.047	-0.09	-0.74	0.19	0.64	180.4245	172.3503	175.1996	166.2522
4	BCCL-25-0904 001_001	0.1960	0.1939	0.1957	0.1951	0.195	0.032	0.42	-0.65	0.27	-0.04	174.3652	166.0323	172.4991	164.8760
5	BCCL-25-0905 001_001	0.1376	0.1362	0.1406	0.1397	0.138	0.022	-0.67	-1.68	1.50	0.85	178.5893	170.5623	175.5592	167.1101
6	BCCL-25-0915 006_001	0.1308	0.1286	0.1300	0.1288	0.129	0.021	0.96	-0.73	0.35	-0.58	177.3849	169.4237	174.2674	166.3361
7	BCCL-25-0916 001_001	0.2244	0.2245	0.2182	0.2168	0.220	0.036	1.55	1.60	-1.26	-1.89	174.4262	165.8746	177.9766	170.7272
8	**BCCL-25-0917 001_001**	0.0891	0.0887	0.0877	0.0859	0.087	0.014	1.42	0.97	-0.17	-2.22	174.7491	166.2857	173.8600	166.2283
9	BCCL-25-0926 001_001	0.2152	0.2148	0.2229	0.2226	0.218	0.035	-1.68	-1.86	1.84	1.70	178.8971	170.2765	173.5634	165.2449
10	BCCL-25-0928 001_001	0.2631	0.2631	0.2395	0.2383	~~0.251~~	~~0.041~~	4.82	4.82	-4.58	-5.06	175.9238	167.2490	175.5237	167.1398
11	**BCCL-25-0929 001_001**	0.0000	0.0000	0.0000	0.0000	none detected	5/30/2025 mh					177.1654	168.9042	178.0022	169.7950
12	BCCL-25-0930 001_001	0.2263	0.2258	0.2273	0.2257	0.226	0.037	0.01	-0.21	0.45	-0.25	178.3018	169.5992	178.0521	169.7990
13	BCCL-25-0947 001_001	0.1273	0.1266	0.1251	0.1241	0.125	0.020	1.21	0.66	-0.54	-1.33	179.3654	171.2962	172.3063	163.9448
14	**BCCL-25-0948 001_001**	0.0948	0.0943	0.0907	0.0905	0.092	0.015	2.40	1.86	-2.03	-2.24	176.2670	168.0495	176.8223	168.2679
15	BCCL-25-0949 001_001	0.1182	0.1174	0.1190	0.1169	0.117	0.019	0.28	-0.40	0.95	-0.83	175.3288	167.0324	175.9399	168.3706
16	BCCL-25-0972 001_001	0.1572	0.1562	0.1536	0.1520	0.154	0.025	1.58	0.94	-0.74	-1.78	176.1946	167.7327	178.5447	170.9927
17	BCCL-25-0973 001_001	0.1564	0.1556	0.1493	0.1489	0.152	0.025	2.52	2.00	-2.13	-2.39	174.7532	166.2625	176.5318	168.7430
18	BCCL-25-0974 005_001	0.2182	0.2176	0.2159	0.2160	0.216	0.035	0.59	0.31	-0.47	-0.43	173.6086	165.6247	176.0427	167.2184
19	BCCL-25-0975 001_001	0.2584	0.2590	0.2509	0.2511	0.254	0.041	1.39	1.63	-1.55	-1.47	178.9171	169.9051	177.0953	168.1457
20	BCCL-25-0976 001_001	0.2706	0.2715	0.2693	0.2692	0.270	0.044	0.17	0.50	-0.31	-0.35	174.2711	165.4317	175.2501	166.3751

Melissa Henry

Digitally signed by Melissa Henry
Date: 2025.06.02 14:08:28 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20250529-MH **Analyst:** Melissa Henry **Instrument:** BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008S
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-S080E
Low QC	S17757	6/21/2025	S-24-S001N
Blood QC A	2401241	2/28/2028	S-24-S002H
Blood QC B	~~2301~~2302120 5/29/25 mh	5/31/2027	S-24-S003H
Internal Standard	N/A	8/1/2025	R-25-5001
Pipette(s)	S053, 205L		

Comments:

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC_20250529_MH

Worklist ID: P73VBCQATEBH4E

Case #	Evid #	Evid Type	Service
BCCL-25-0826	001_001	Blood	Alcohol
BCCL-25-0827	001_001	Blood	Alcohol
BCCL-25-0902	001_001	Blood	Alcohol
BCCL-25-0904	001_001	Blood	Alcohol
BCCL-25-0905	001_001	Blood	Alcohol
BCCL-25-0915	006_001	Blood	Alcohol
BCCL-25-0916	001_001	Blood	Alcohol
BCCL-25-0917	001_001	Blood	Alcohol
BCCL-25-0926	001_001	Blood	Alcohol
BCCL-25-0928	001_001	Blood	Alcohol
BCCL-25-0929	001_001	Blood	Alcohol
BCCL-25-0930	001_001	Blood	Alcohol
BCCL-25-0947	001_001	Blood	Alcohol

BAC_20250529_MH

Case #	Evid #	Evid Type	Service
BCCL-25-0948	001_001	Blood	Alcohol
BCCL-25-0949	001_001	Blood	Alcohol
BCCL-25-0972	001_001	Blood	Alcohol
BCCL-25-0973	001_001	Blood	Alcohol
BCCL-25-0974	005_001	Blood	Alcohol
BCCL-25-0975	001_001	Blood	Alcohol
BCCL-25-0976	001_001	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2025\BAC_20250529_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 5/29/2025

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-0847)
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 (25-0848)
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 (25-0849)
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 (25-0850)
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 (25-0851)
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 (25-0852)
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 (25-0853)
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 (25-0854)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-0855)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (25-0856)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-0857)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-25-0826 001_001 (25-0858)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-0827 001_001 (25-0859)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

Sample Information : Alq 1
Sample Name : BCCL-25-0902 001_001 (25-0860)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-0904 001_001 (25-0861)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-25-0905 001_001 (25-0862)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-0915 006_001 (25-0863)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-0916 001_001 (25-0864)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-0917 001_001 (25-0865)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

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Sample Information : Alq 1
Sample Name : BCCL-25-0926 001_001 (25-0866)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-0928 001_001 (25-0867)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (25-0868)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-0929 001_001 (25-0869)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-0930 001_001 (25-0870)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-0947 001_001 (25-0871)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

Sample Information : Alq 1
Sample Name : BCCL-25-0948 001_001 (25-0872)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-0949 001_001 (25-0873)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-25-0972 001_001 (25-0874)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-0973 001_001 (25-0875)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-0974 005_001 (25-0876)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-0975 001_001 (25-0877)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

Sample Information : Alq 1
Sample Name : BCCL-25-0976 001_001 (25-0878)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-0879)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 2
Sample Name : BCCL-25-0976 001_001 (25-0880)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-25-0975 001_001 (25-0881)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-25-0974 005_001 (25-0882)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-25-0973 001_001 (25-0883)
Method Name : BAC
Sample Type : Sample

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Line : 38
Location : 38

Sample Information : Alq 2
Sample Name : BCCL-25-0972 001_001 (25-0884)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-25-0949 001_001 (25-0885)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information : Alq 2
Sample Name : BCCL-25-0948 001_001 (25-0886)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-25-0947 001_001 (25-0887)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-25-0930 001_001 (25-0888)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-25-0929 001_001 (25-0889)
Method Name : BAC
Sample Type : Sample

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Line : 44
Location : 44

Sample Information :
Sample Name : Blood QC B (25-0890)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-0928 001_001 (25-0891)
Method Name : BAC
Sample Type : Sample

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Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-25-0926 001_001 (25-0892)
Method Name : BAC
Sample Type : Sample

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Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-0917 001_001 (25-0893)
Method Name : BAC
Sample Type : Sample

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Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-0916 001_001 (25-0894)
Method Name : BAC
Sample Type : Sample

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Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-0915 006_001 (25-0895)
Method Name : BAC
Sample Type : Sample

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Line : 50
Location : 50

Sample Information : Alq 2
Sample Name : BCCL-25-0905 001_001 (25-0896)
Method Name : BAC
Sample Type : Sample

==========

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-0904 001_001 (25-0897)
Method Name : BAC
Sample Type : Sample

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Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-25-0902 001_001 (25-0898)
Method Name : BAC
Sample Type : Sample

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Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-0827 001_001 (25-0899)
Method Name : BAC
Sample Type : Sample

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Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-25-0826 001_001 (25-0900)
Method Name : BAC
Sample Type : Sample

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Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (25-0901)
Method Name : BAC
Sample Type : Sample

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Line : 56
Location : 56

Sample Information :
Sample Name : High QC (25-0902)
Method Name : BAC
Sample Type : Sample

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Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (25-0903)
Method Name : BAC
Sample Type : Sample

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Line : 58
Location : 58
Sample Information :
Sample Name : DI Water (25-0904)
Method Name : BAC
Sample Type : Sample

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mh

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Method Information

Method: C:\Chem32\2\Methods\BAC.M
Modified: 9/17/2024 at 1:18:37 PM

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: 9/17/2024 at 1:18:37 PM

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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

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(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
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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: 9/17/2024 at 1:18:37 PM

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
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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: 9/17/2024 at 1:18:37 PM

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

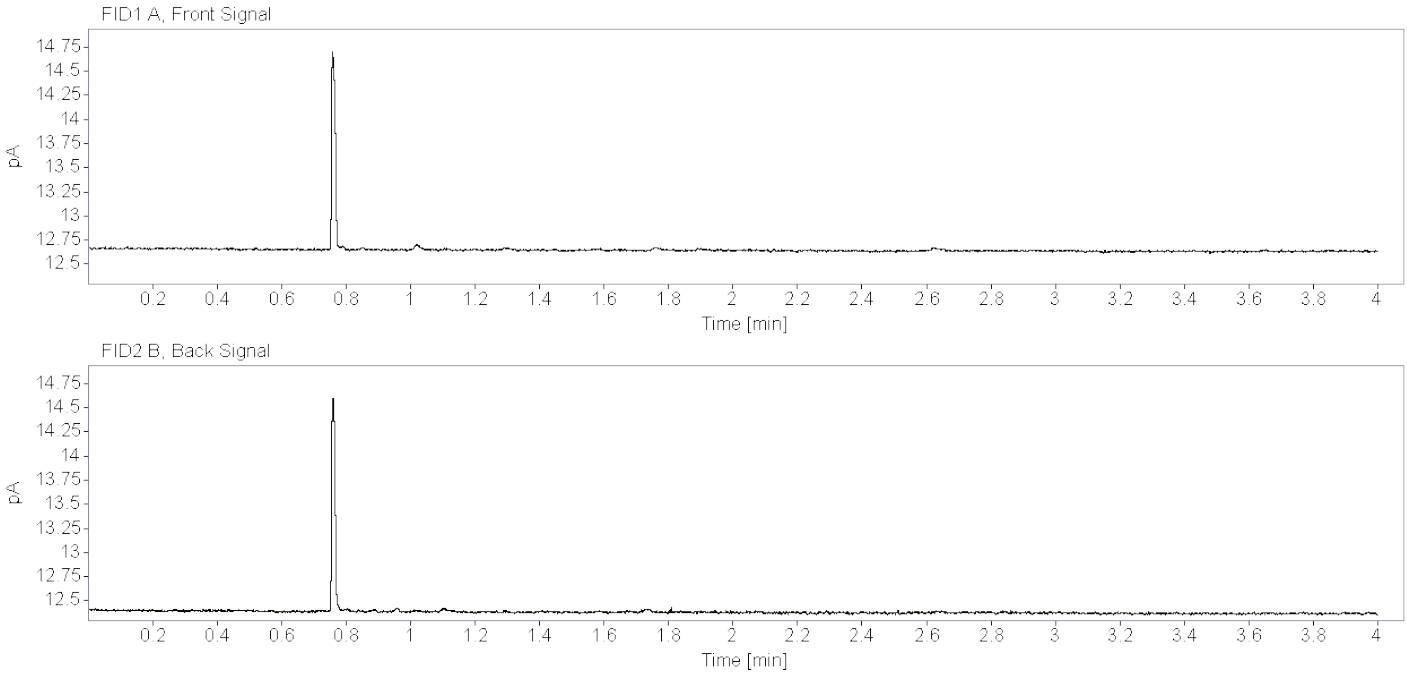
Detector Default Integration Event Table "Event_uECD"

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

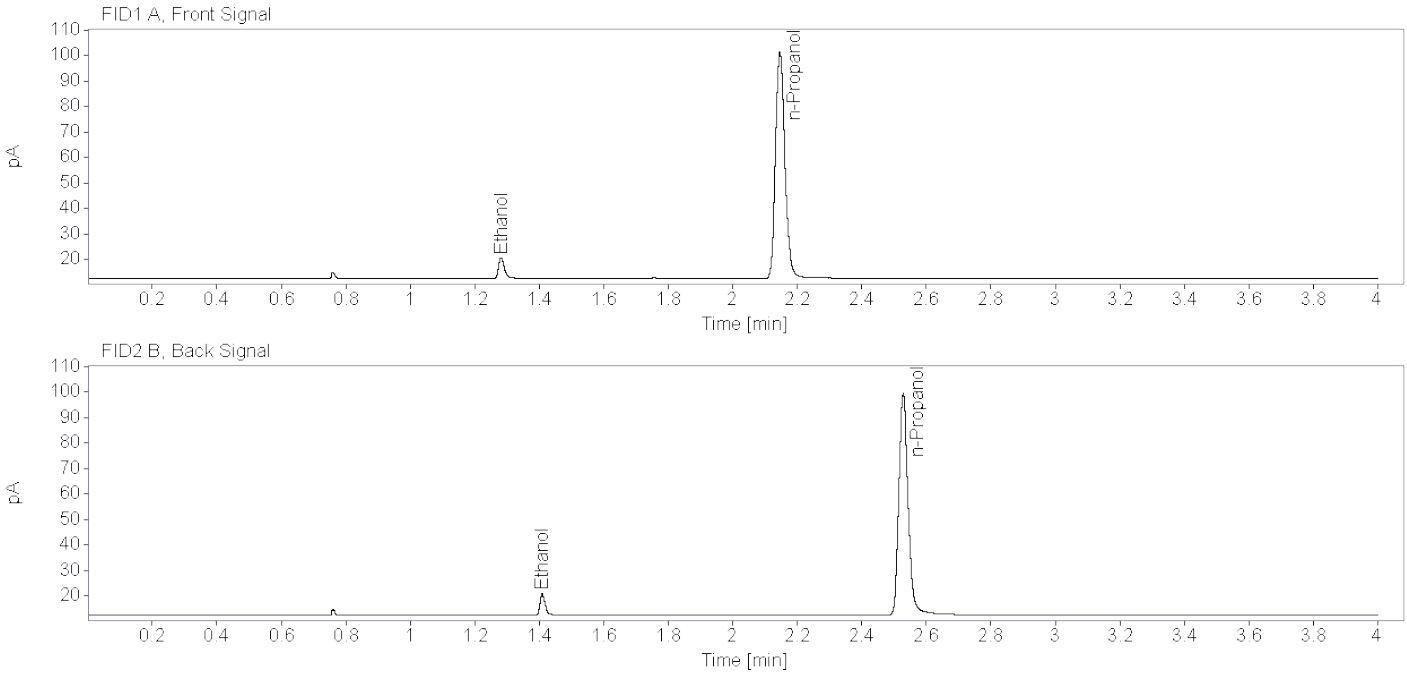
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 8:55:24 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529PC_MH 2025-05-29 08-45-30\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:** 5/29/2025 9:00:08 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529PC_MH 2025-05-29 08-45-30\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73799	1.282	1.287	9.5925	0.0118
n-Propanol	0.81188	2.146	2.154	178.3053	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73425	1.409	1.416	9.4416	0.0125
n-Propanol	0.83017	2.528	2.538	171.1912	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 5/30/2025 8:19:35 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
1.277	1	1	1.00000e-2	9.51302	1.05119e-3	No	No	1	Ethanol
		2	2.50000e-2	24.27114	1.03003e-3				
		3	5.00000e-2	47.97585	1.04219e-3				
		4	1.00000e-1	98.84077	1.01173e-3				
		5	2.00000e-1	198.32542	1.00844e-3				
		6	4.00000e-1	392.59711	1.01886e-3				
		7	5.00000e-1	503.13809	9.93763e-4				
1.405	2	1	1.00000e-2	9.31719	1.07329e-3	No	No	2	Ethanol
		2	2.50000e-2	23.56258	1.06100e-3				
		3	5.00000e-2	46.55749	1.07394e-3				
		4	1.00000e-1	96.94850	1.03148e-3				
		5	2.00000e-1	197.06233	1.01491e-3				
		6	4.00000e-1	390.35513	1.02471e-3				
		7	5.00000e-1	500.65973	9.98682e-4				
2.146	1	1	1.00000e-2	177.59976	5.63064e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	179.26350	5.57838e-5				
		3	1.00000e-2	175.13724	5.70981e-5				
		4	1.00000e-2	178.05727	5.61617e-5				
		5	1.00000e-2	177.20094	5.64331e-5				
		6	1.00000e-2	176.01004	5.68149e-5				
		7	1.00000e-2	176.25546	5.67358e-5				
2.527	2	1	1.00000e-2	170.54424	5.86358e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	171.48955	5.83126e-5				
		3	1.00000e-2	167.61583	5.96602e-5				
		4	1.00000e-2	170.09282	5.87914e-5				
		5	1.00000e-2	169.40620	5.90297e-5				
		6	1.00000e-2	168.14047	5.94741e-5				
		7	1.00000e-2	167.72267	5.96222e-5				

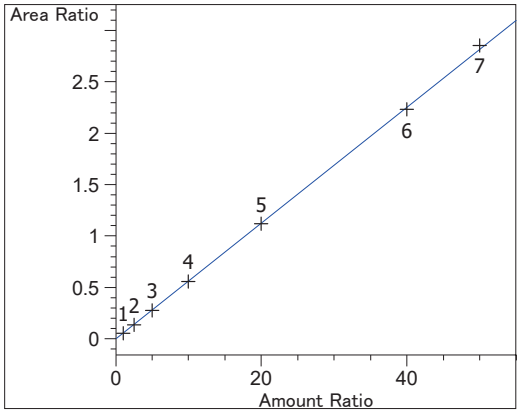
Peak Sum Table

No Entries in table

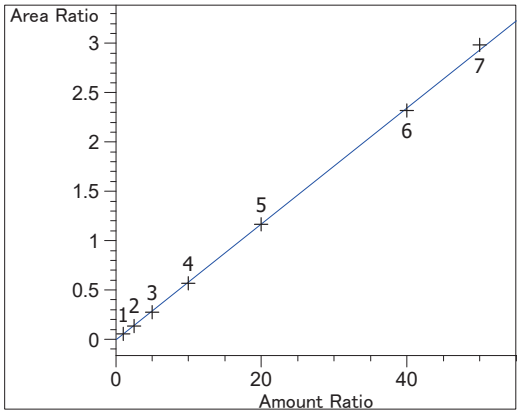
1 Warnings or Errors :

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

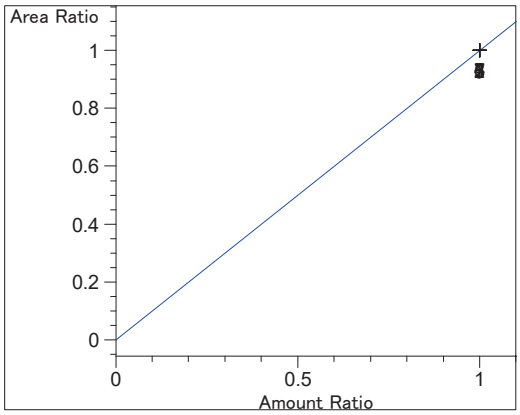
Calibration Curves



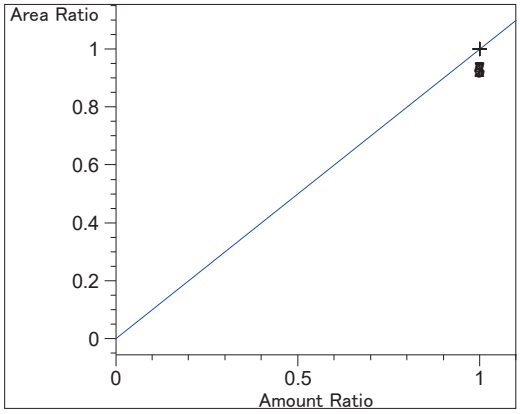
Ethanol at exp. RT: 1.277
FID1 A, Front Signal
Correlation: 0.99992
Residual Std. Dev.: 0.01969
Formula: y = mx + b
m: 5.64496e-2
b: -4.61593e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.39562
Level 3 : 0.195538
Level 4 : 0.096494
Level 5 : 0.047859
Level 6 : 0.024014
Level 7 : 0.018764



Ethanol at exp. RT: 1.405
FID2 B, Back Signal
Correlation: 0.99984
Residual Std. Dev.: 0.02604
Formula: y = mx + b
m: 5.88461e-2
b: -7.70493e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.397615
Level 3 : 0.196686
Level 4 : 0.09585
Level 5 : 0.046965
Level 6 : 0.023532
Level 7 : 0.018302



n-Propanol at exp. RT: 2.146
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

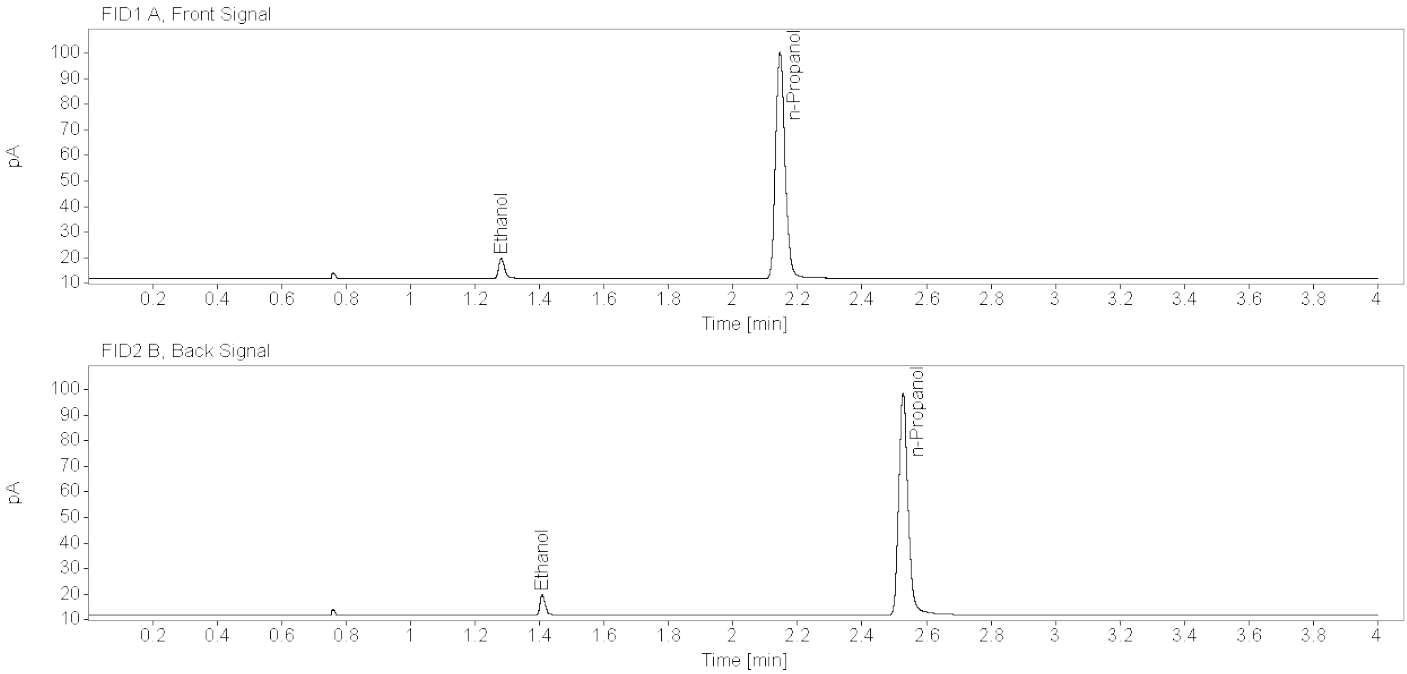


n-Propanol at exp. RT: 2.527
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-0847) **Description:** **Sample Barcode** 25-0847 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 10:57:16 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\001F0101.D



Name FID1A

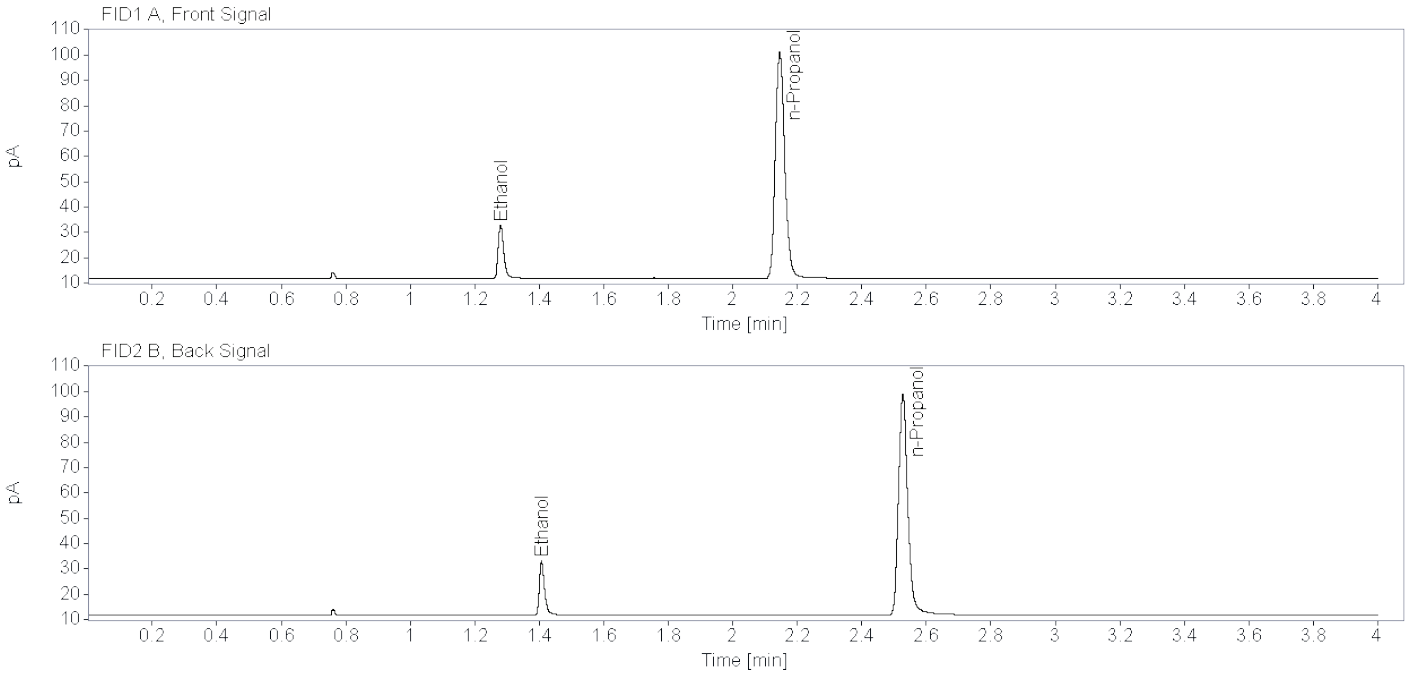
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73591	1.282	1.282	9.5130	0.0103
n-Propanol	0.81143	2.146	2.146	177.5998	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71920	1.408	1.408	9.3172	0.0106
n-Propanol	0.82781	2.527	2.527	170.5442	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-0848) **Description:** **Sample Barcode** 25-0848 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:01:59 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\002F0201.D



Name FID1A

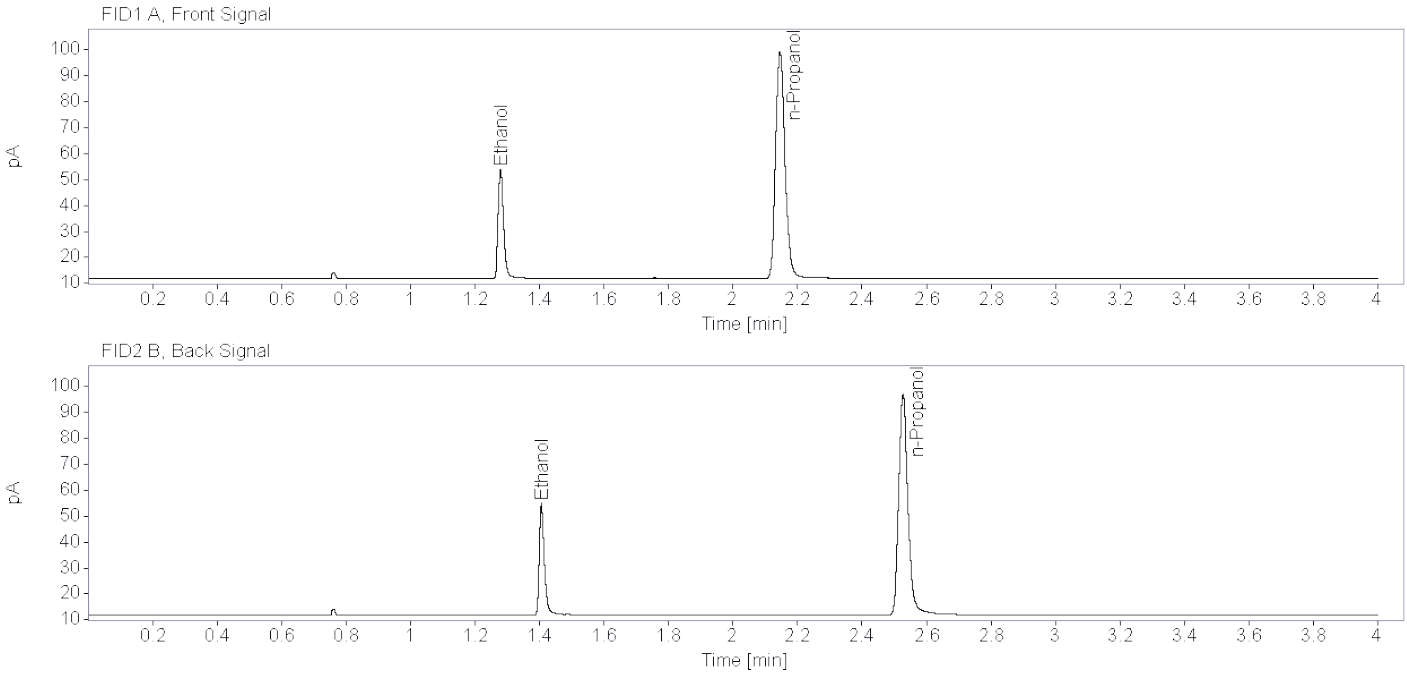
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72825	1.280	1.280	24.2711	0.0248
n-Propanol	0.81473	2.146	2.146	179.2635	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70094	1.407	1.407	23.5626	0.0247
n-Propanol	0.81597	2.527	2.527	171.4895	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-0849) **Description:** **Sample Barcode** 25-0849 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:07:39 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\003F0301.D



Name FID1A

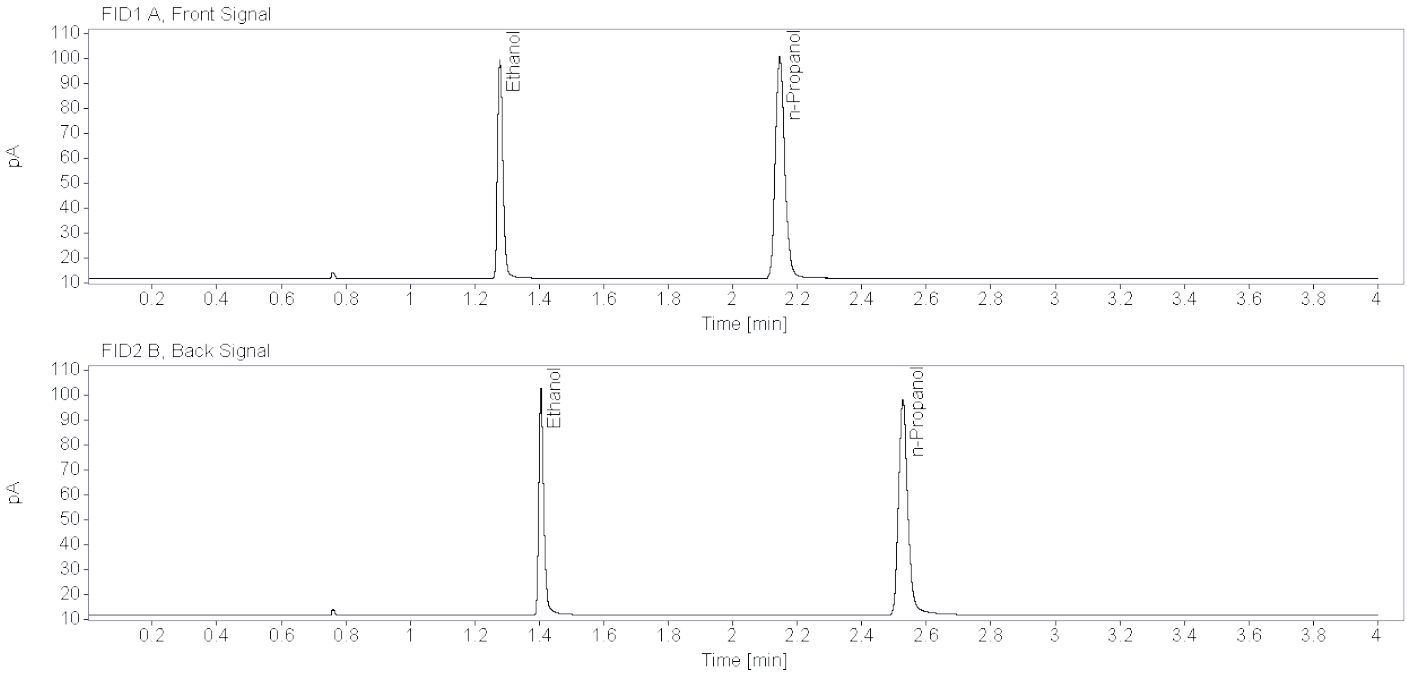
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73853	1.279	1.279	47.9759	0.0493
n-Propanol	0.80622	2.146	2.146	175.1372	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69683	1.406	1.406	46.5575	0.0485
n-Propanol	0.81311	2.527	2.527	167.6158	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-0850) **Description:** **Sample Barcode** 25-0850 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:12:23 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\004F0401.D



Name FID1A

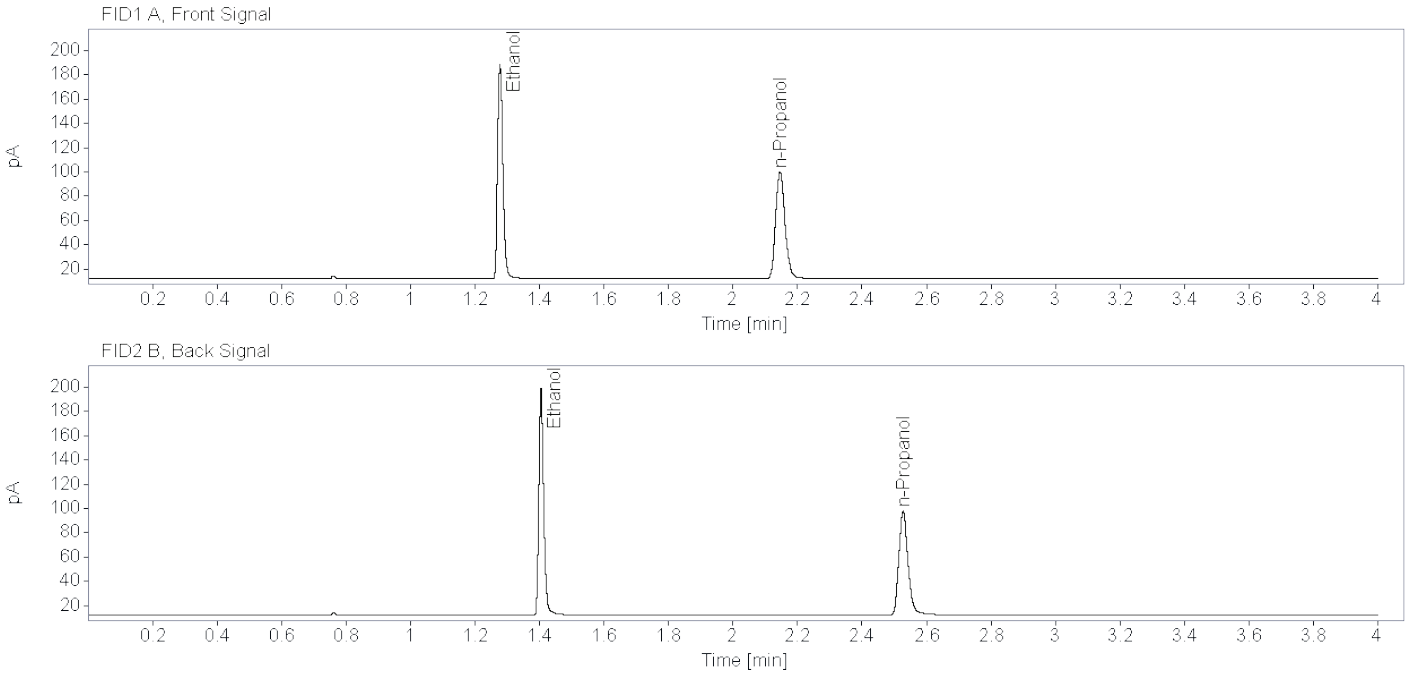
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76516	1.278	1.278	98.8408	0.0992
n-Propanol	0.80683	2.146	2.146	178.0573	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73264	1.406	1.406	96.9485	0.0982
n-Propanol	0.80950	2.527	2.527	170.0928	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-0851) **Description:** **Sample Barcode** 25-0851 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:18:03 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\005F0501.D



Name FID1A

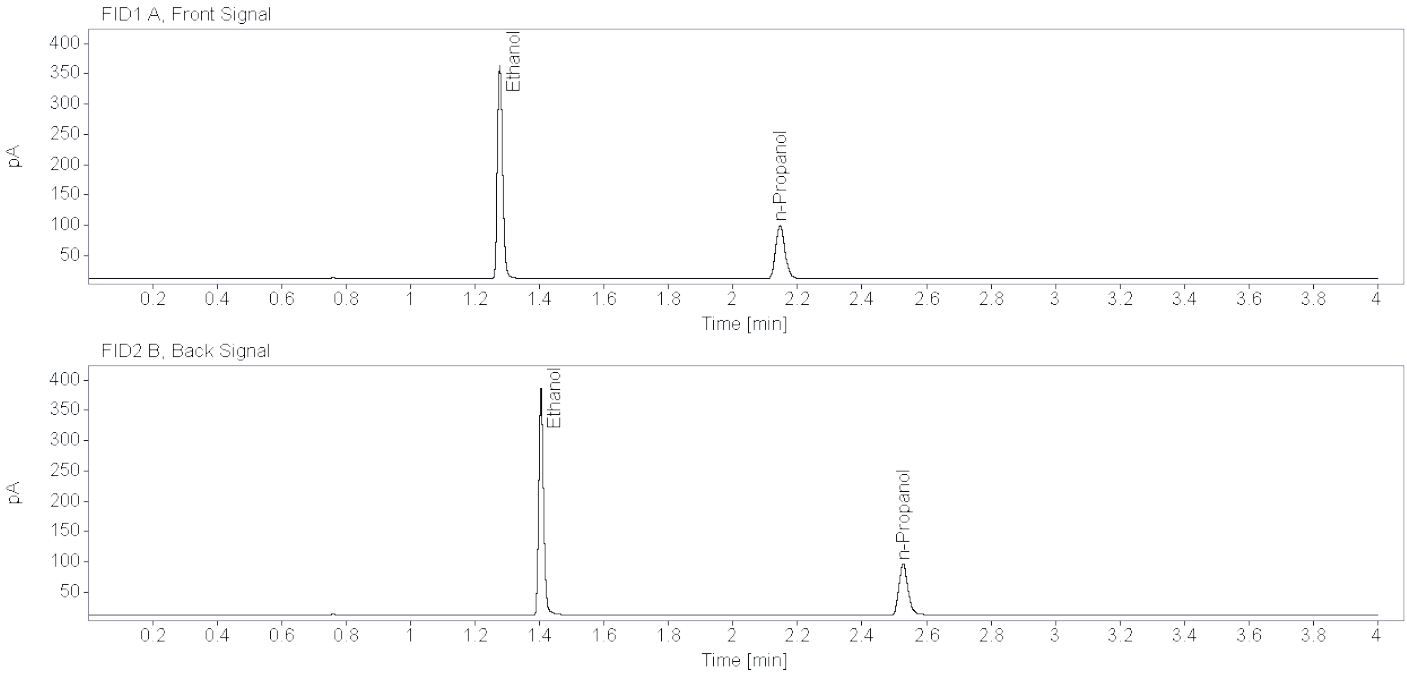
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78288	1.278	1.278	198.3254	0.1991
n-Propanol	0.80730	2.146	2.146	177.2009	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78314	1.405	1.405	197.0623	0.1990
n-Propanol	0.81296	2.527	2.527	169.4062	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-0852) **Description:** **Sample Barcode** 25-0852 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:22:46 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\006F0601.D



Name FID1A

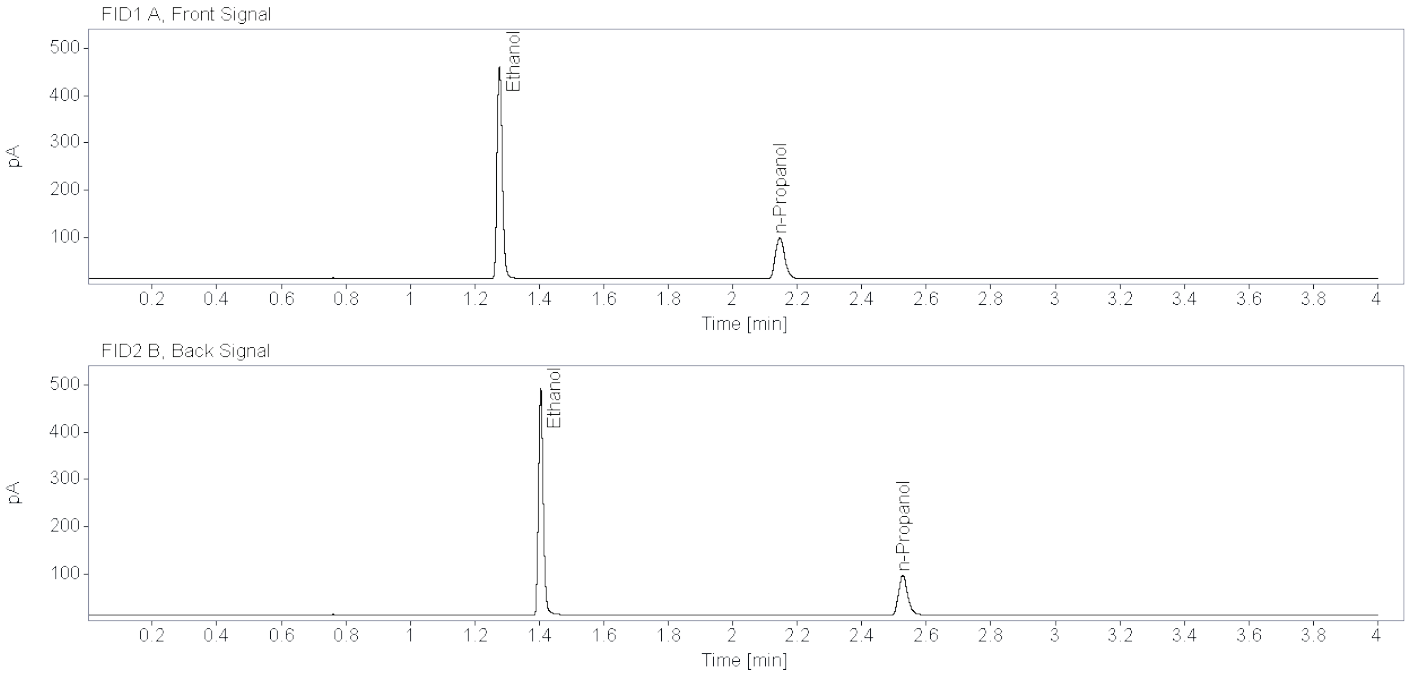
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80496	1.277	1.277	392.5971	0.3960
n-Propanol	0.80895	2.146	2.146	176.0100	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82067	1.405	1.405	390.3551	0.3958
n-Propanol	0.81134	2.527	2.527	168.1405	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-0853) **Description:** **Sample Barcode** 25-0853 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:28:28 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\007F0701.D



Name FID1A

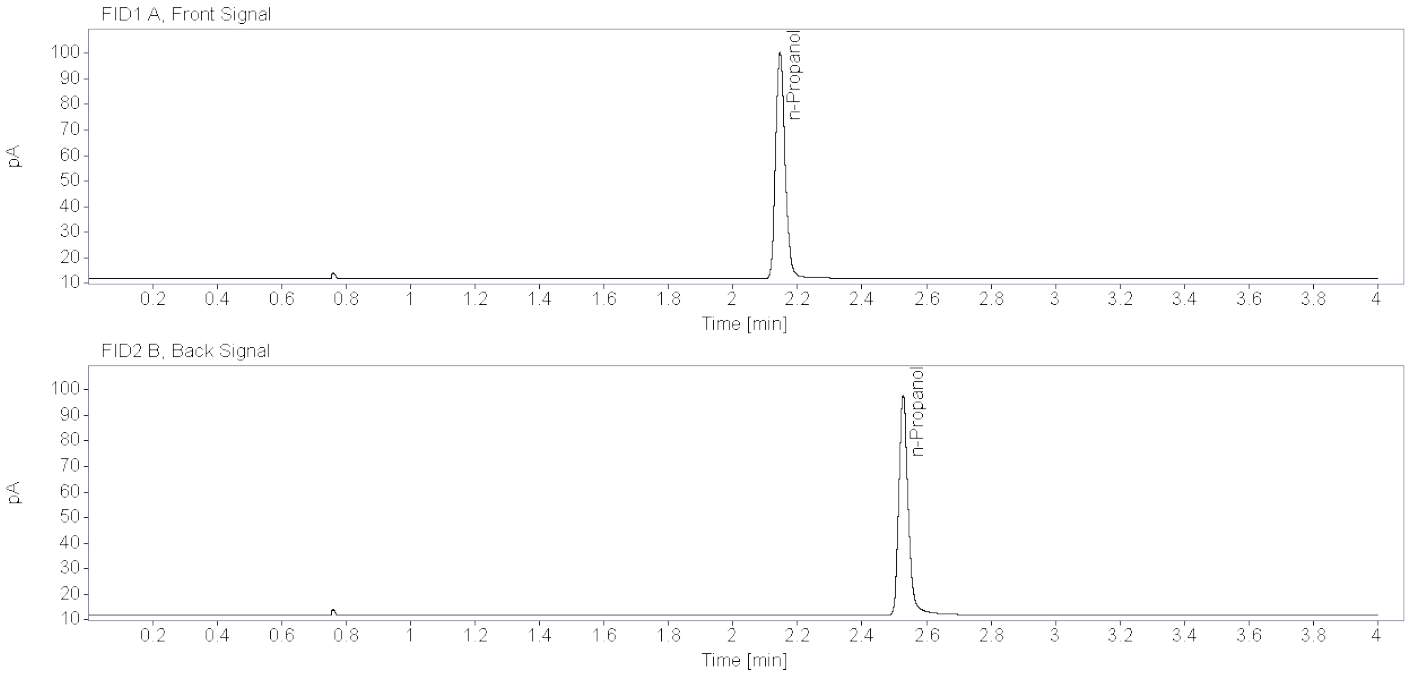
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82015	1.277	1.277	503.1381	0.5065
n-Propanol	0.81365	2.146	2.146	176.2555	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85881	1.405	1.405	500.6597	0.5086
n-Propanol	0.80122	2.527	2.527	167.7227	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-0854) **Description:** **Sample Barcode** 25-0854 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:33:10 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\008F0801.D



Name FID1A

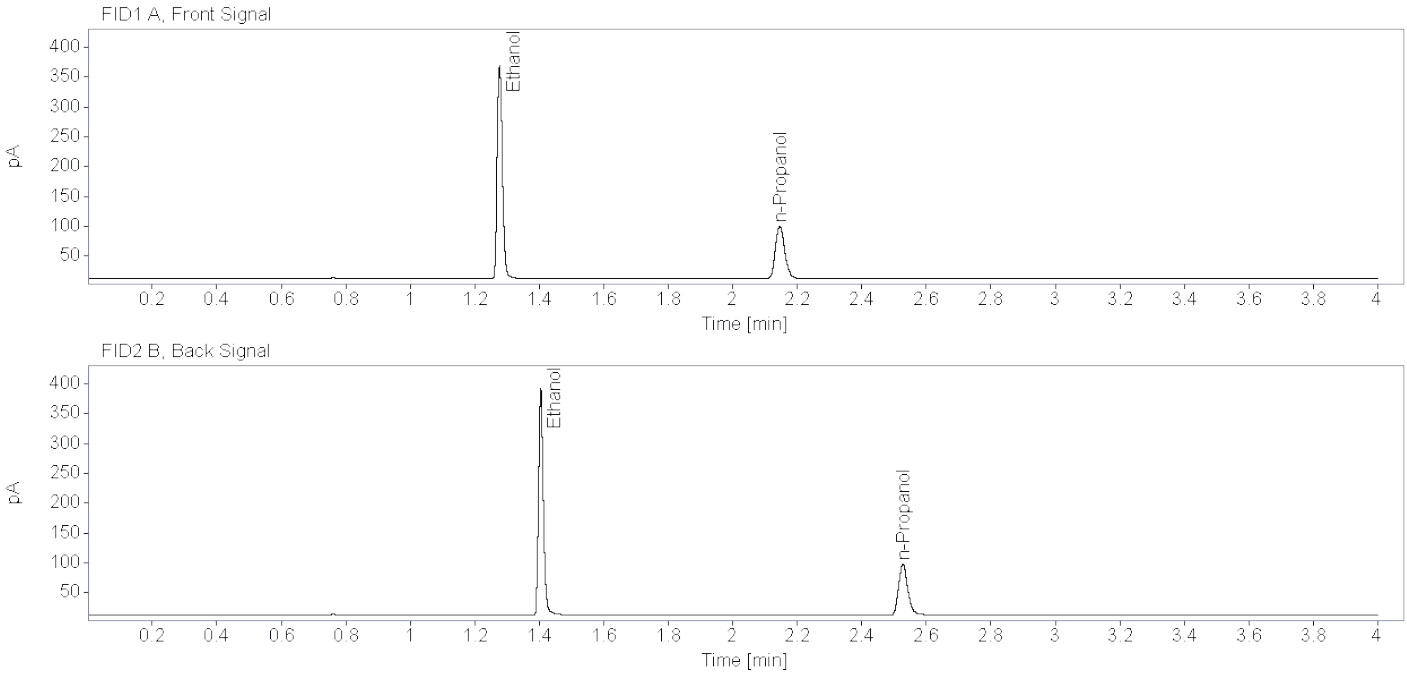
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80696	2.146	2.146	178.2496	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81176	2.528	2.527	170.4769	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0855) **Description:** **Sample Barcode** 25-0855 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:38:51 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\009F0901.D



Name FID1A

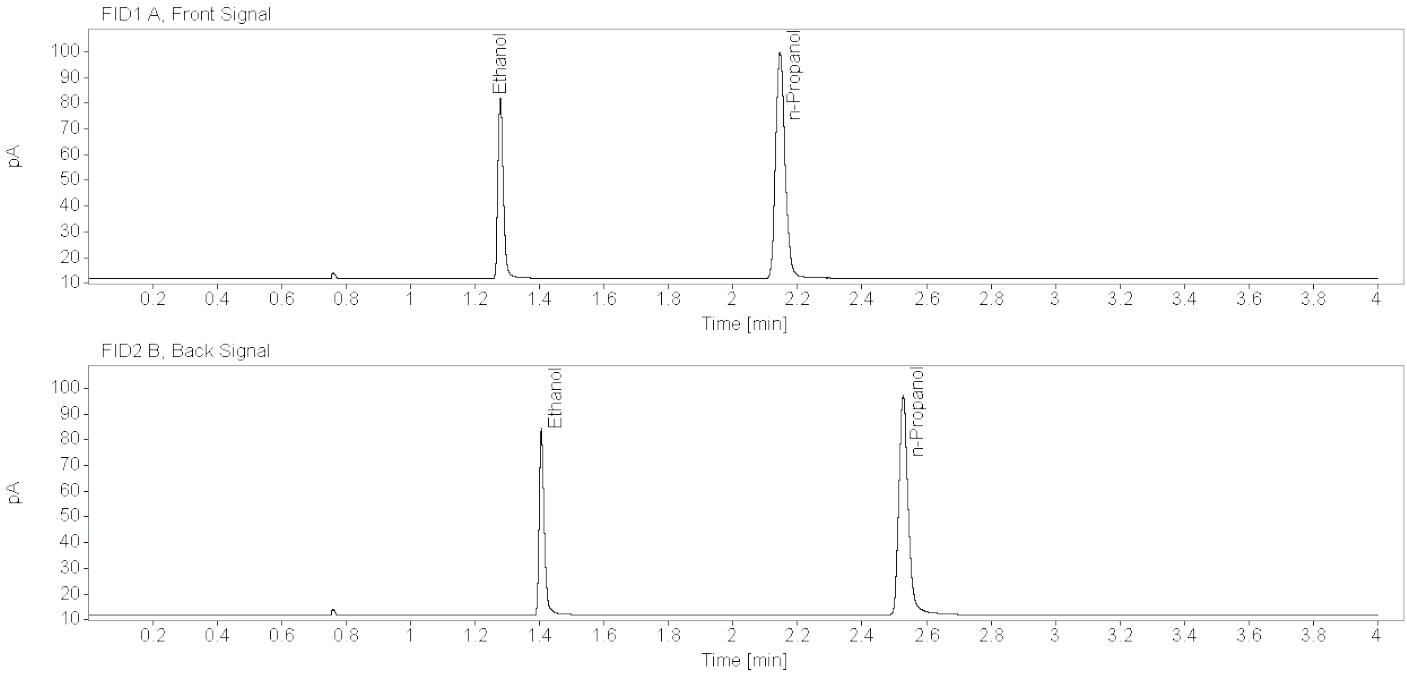
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80686	1.277	1.277	399.6782	0.3980
n-Propanol	0.80003	2.146	2.146	178.2488	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83496	1.405	1.405	396.5393	0.3978
n-Propanol	0.80544	2.528	2.527	169.9402	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0856) **Description:** **Sample Barcode** 25-0856 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:43:35 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\010F1001.D



Name FID1A

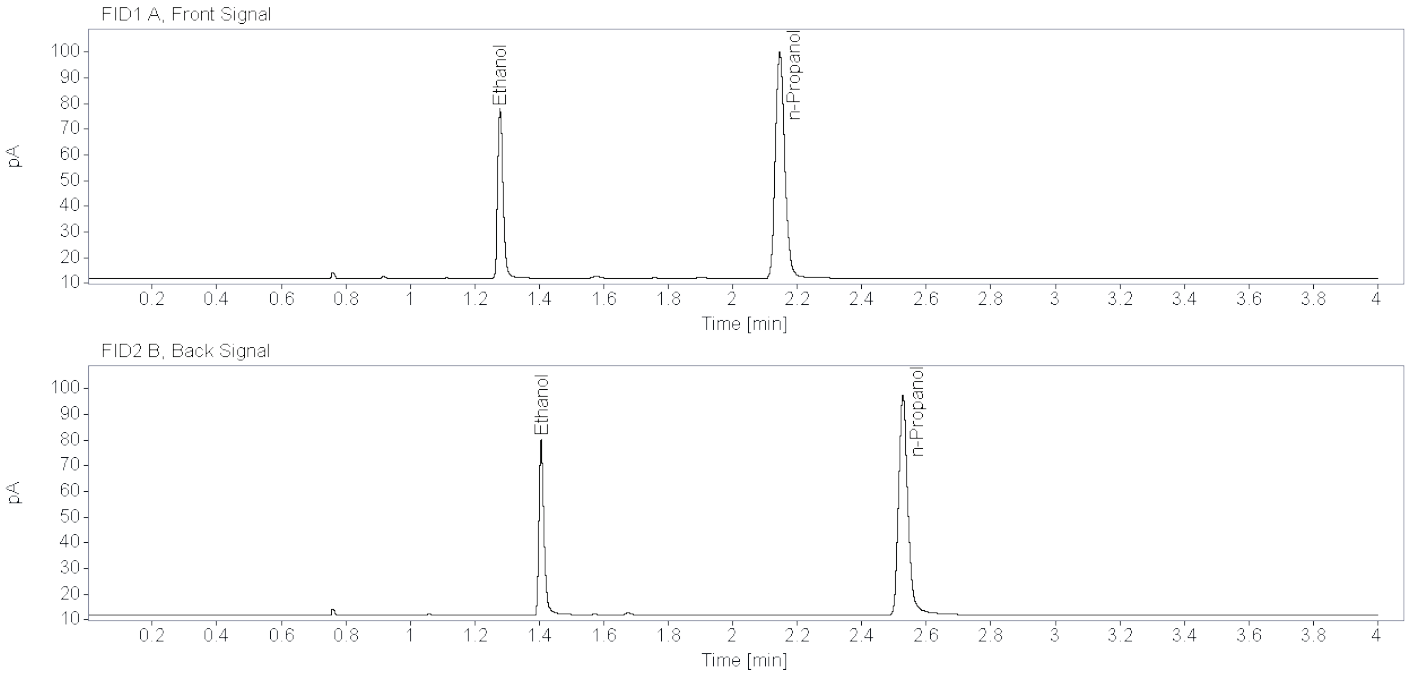
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76017	1.279	1.277	79.7835	0.0807
n-Propanol	0.80887	2.146	2.146	177.0025	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71864	1.406	1.405	77.6742	0.0794
n-Propanol	0.81091	2.528	2.527	169.0066	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0857) **Description:** **Sample Barcode** 25-0857 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:49:15 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\011F1101.D



Name FID1A

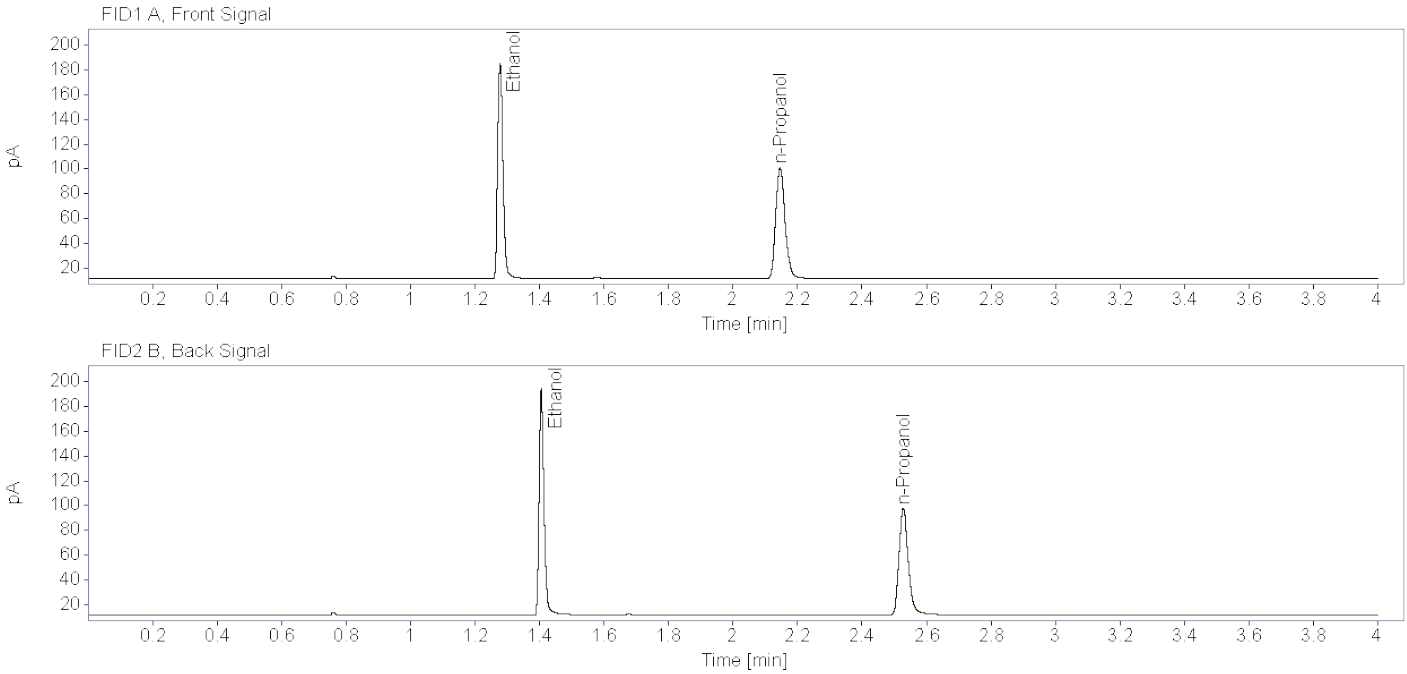
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75420	1.279	1.277	75.2510	0.0760
n-Propanol	0.80588	2.146	2.146	177.2710	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71885	1.406	1.405	73.8036	0.0757
n-Propanol	0.80243	2.528	2.527	168.6290	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0868) **Description:** **Sample Barcode** 25-0868 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:45:58 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\022F2201.D



Name FID1A

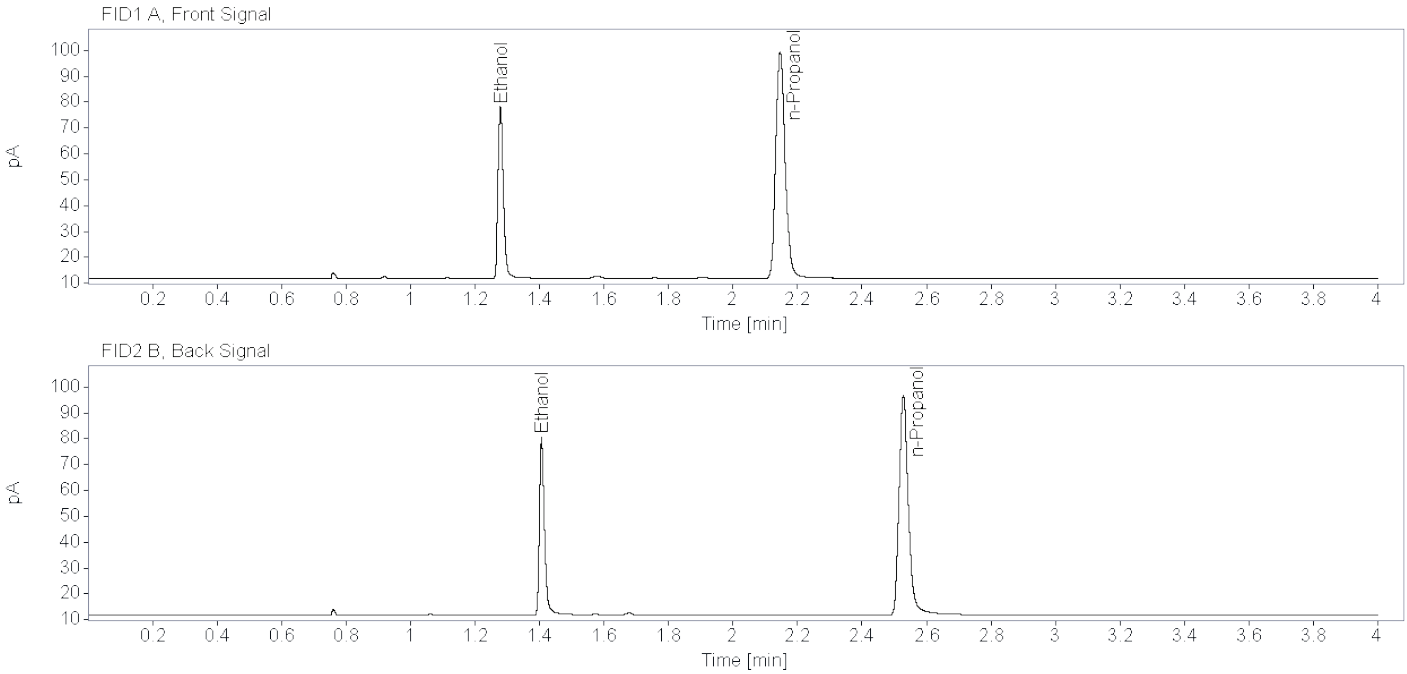
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78177	1.278	1.277	194.7740	0.1941
n-Propanol	0.80556	2.146	2.146	178.5544	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75586	1.406	1.405	192.0627	0.1936
n-Propanol	0.80086	2.528	2.527	169.7203	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0879) **Description:** **Sample Barcode** 25-0879 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:43:41 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\033F3301.D



Name FID1A

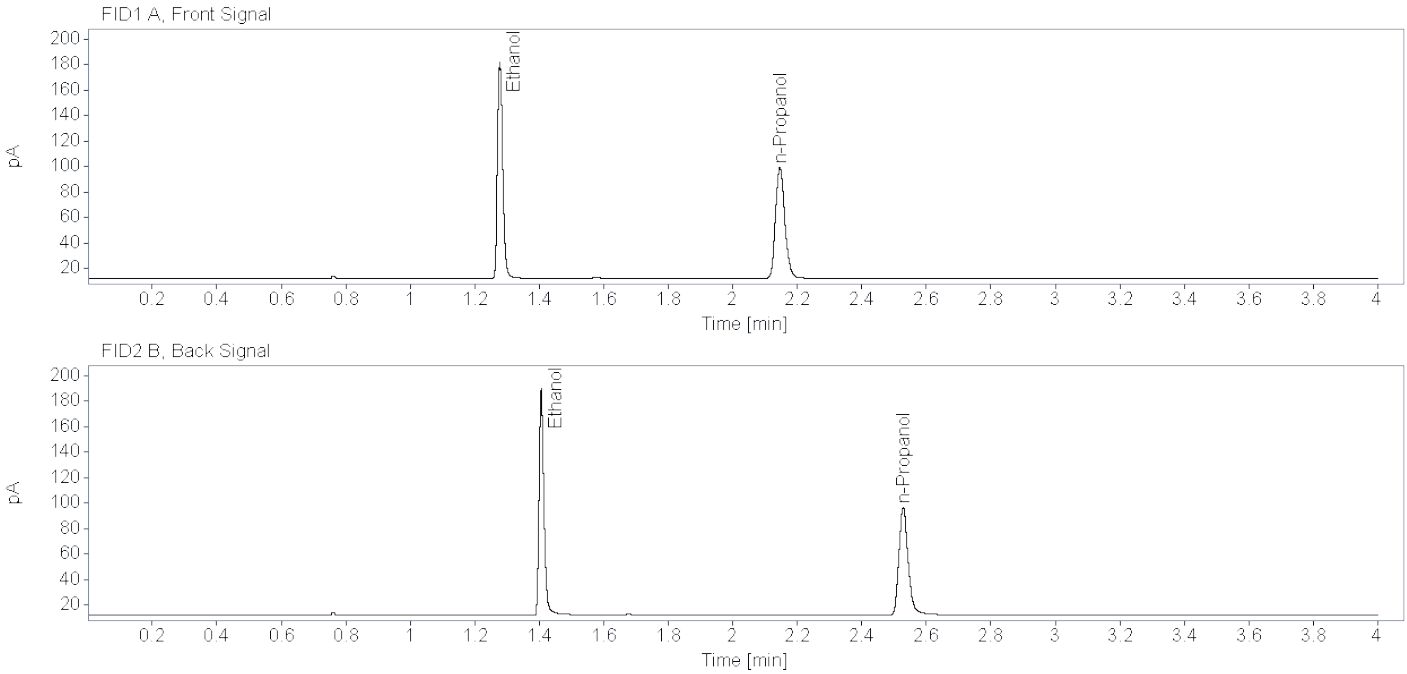
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76441	1.279	1.277	75.6949	0.0771
n-Propanol	0.80397	2.146	2.146	175.7839	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72811	1.407	1.405	73.8204	0.0764
n-Propanol	0.80116	2.528	2.527	167.1601	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0890) **Description:** **Sample Barcode** 25-0890 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:40:23 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\044F4401.D



Name FID1A

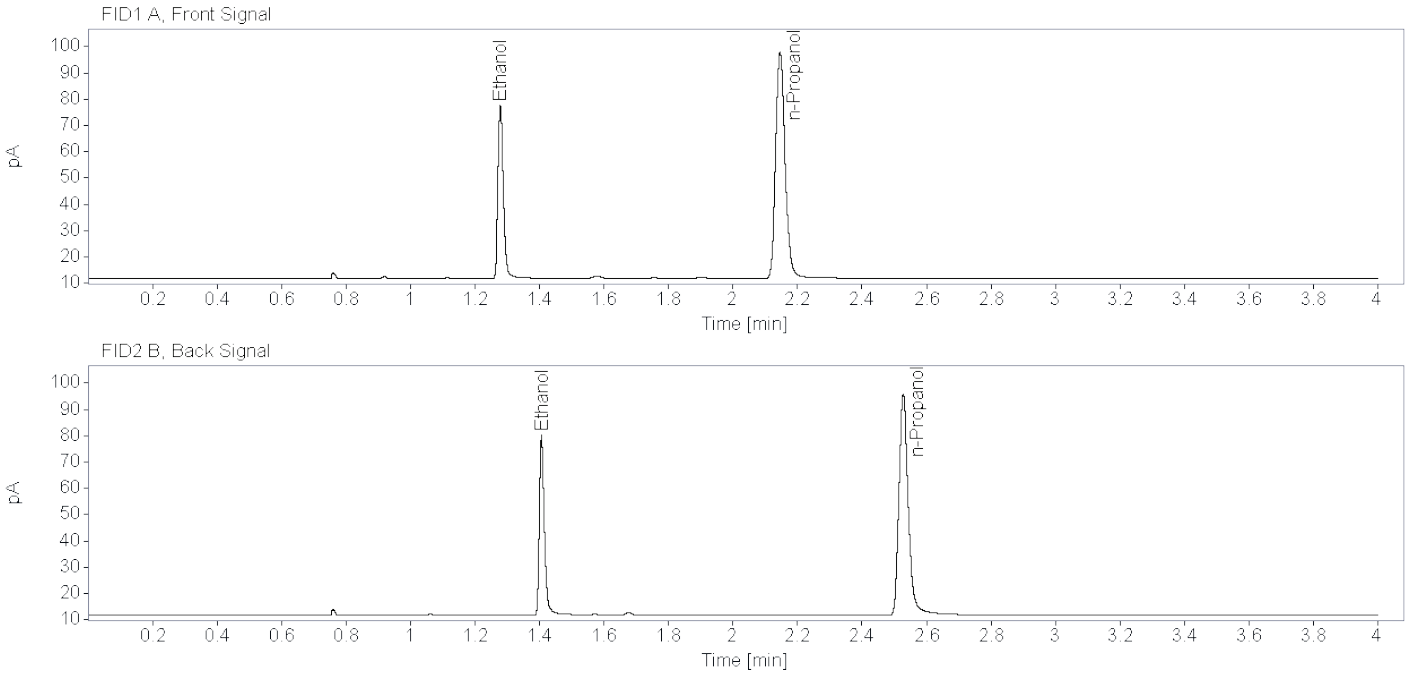
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78185	1.278	1.277	190.3775	0.1936
n-Propanol	0.80582	2.146	2.146	174.9781	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74413	1.406	1.405	186.7565	0.1918
n-Propanol	0.80159	2.528	2.527	166.6212	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0901) **Description:** **Sample Barcode** 25-0901 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:38:03 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\055F5501.D



Name FID1A

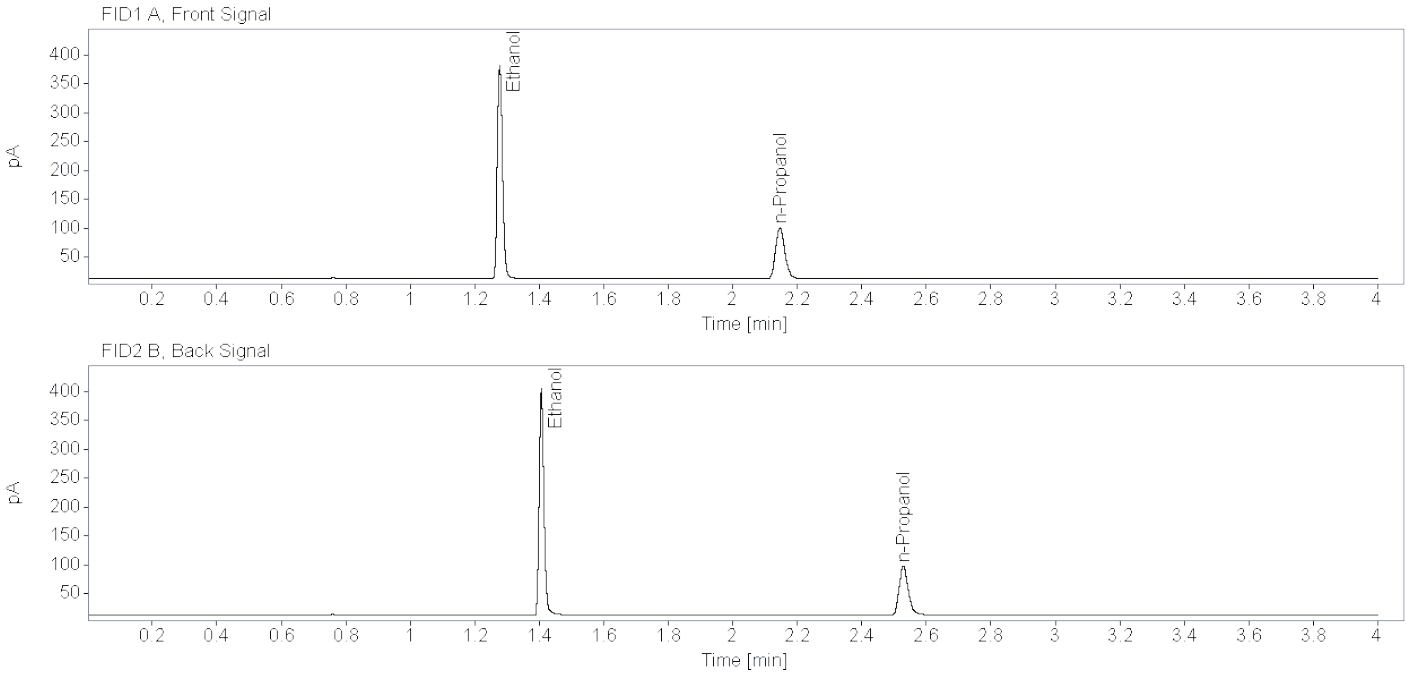
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76199	1.279	1.277	75.0730	0.0776
n-Propanol	0.80365	2.146	2.146	173.0993	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72062	1.406	1.405	73.4338	0.0768
n-Propanol	0.79850	2.528	2.527	165.2616	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0902) **Description:** **Sample Barcode** 25-0902 **Vial Number:** 56
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:42:47 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\056F5601.D



Name FID1A

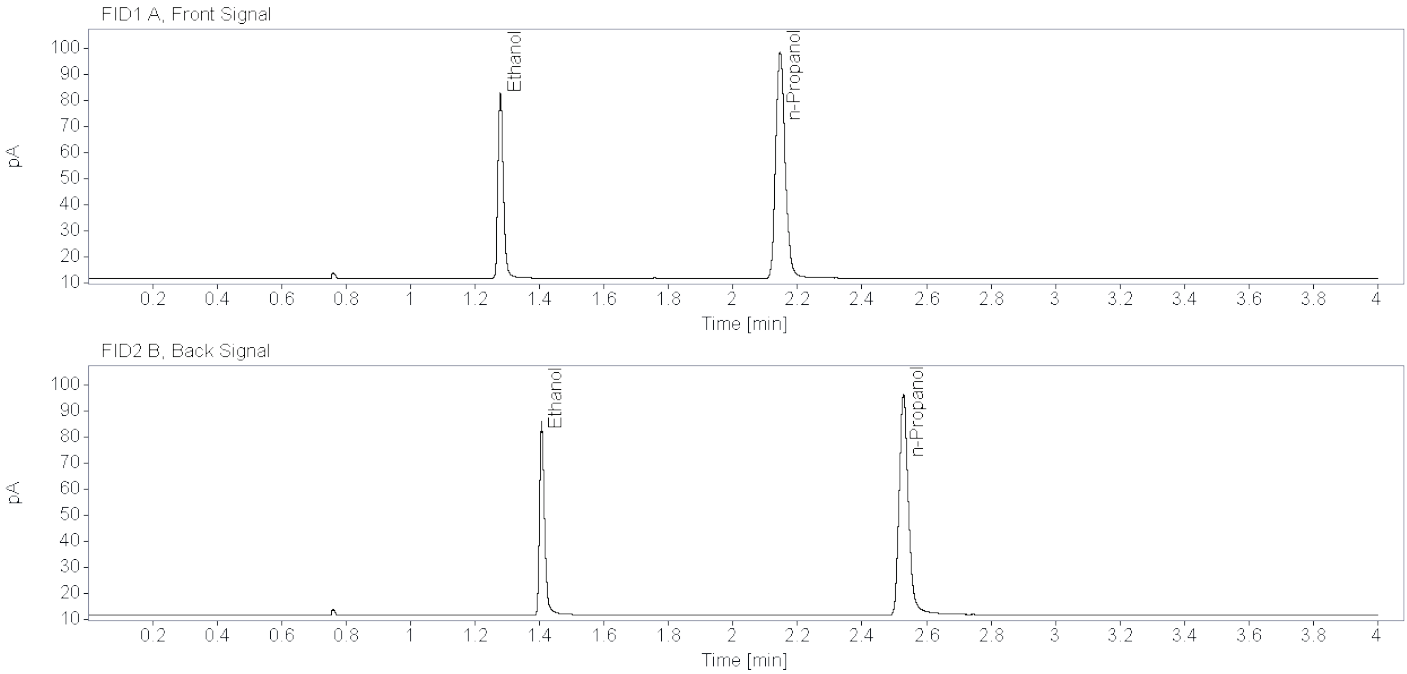
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82990	1.278	1.277	410.2426	0.4114
n-Propanol	0.80638	2.146	2.146	177.0232	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81207	1.407	1.405	407.1566	0.4121
n-Propanol	0.80414	2.529	2.527	168.4446	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0903) **Description:** **Sample Barcode** 25-0903 **Vial Number:** 57
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:48:27 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\057F5701.D



Name FID1A

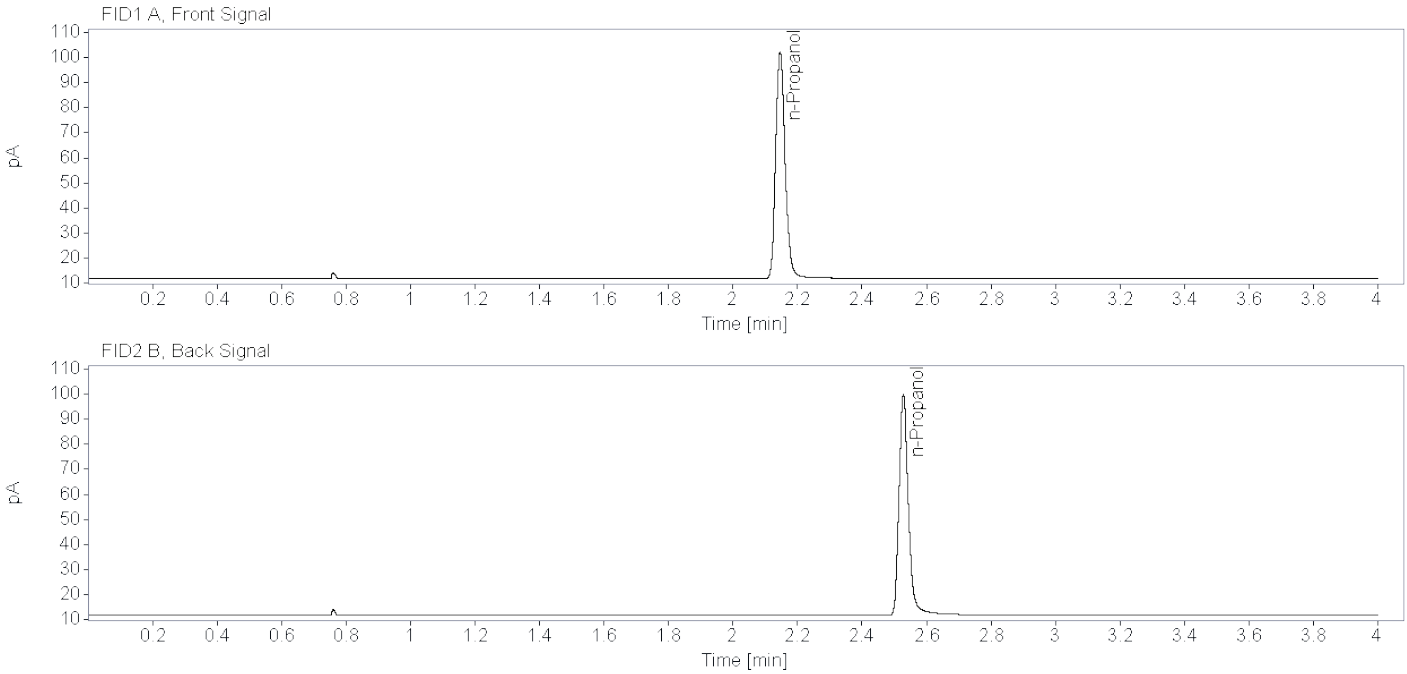
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76694	1.279	1.277	80.6280	0.0828
n-Propanol	0.80843	2.146	2.146	174.2931	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74415	1.407	1.405	79.0030	0.0822
n-Propanol	0.80593	2.529	2.527	165.9884	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-0904) **Description:** **Sample Barcode** 25-0904 **Vial Number:** 58
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:53:11 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80689	2.146	2.146	181.3427	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80575	2.528	2.527	173.3449	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0826 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

		FID1		FID2
Ethanol				
	Aliquot 1:	0.1598	Aliquot 1:	0.1585
	Aliquot 2:	0.1606	Aliquot 2:	0.1601

Reported Result: **0.159** **g/100 mL**

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

Comments:

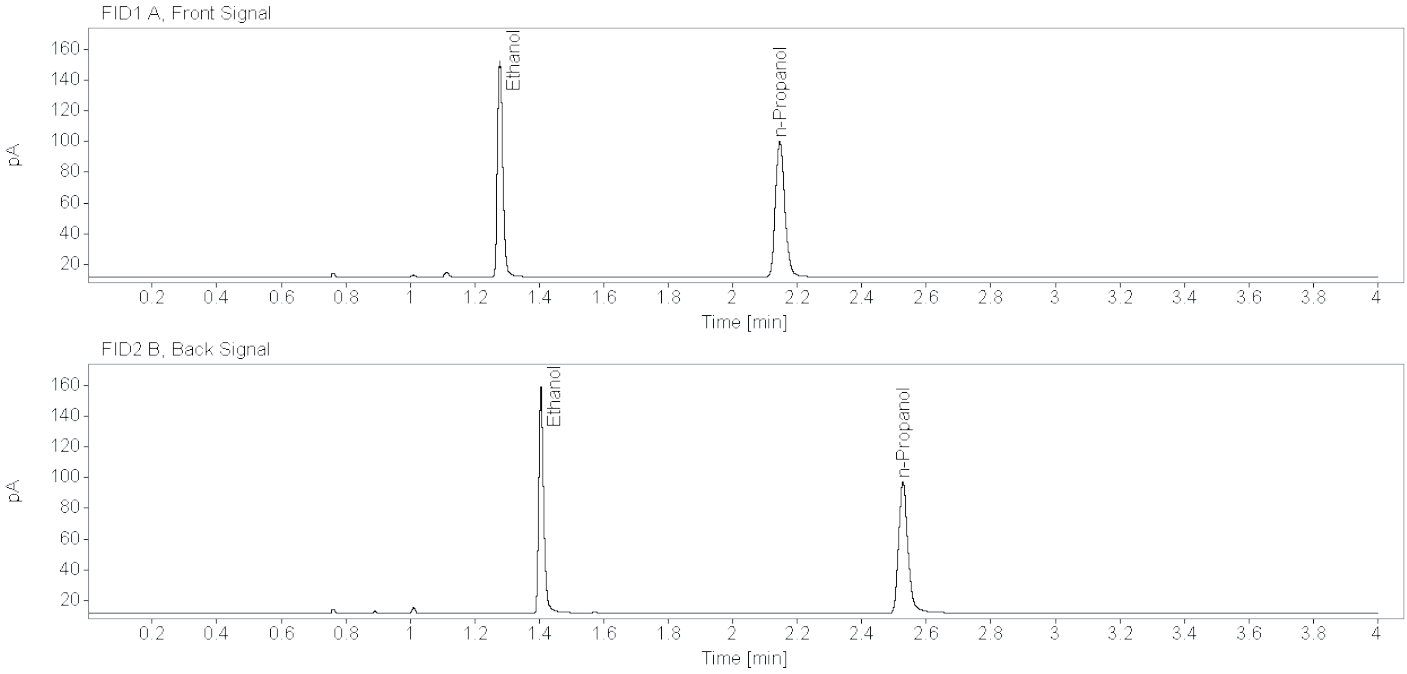
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0826 001_001 (25-0858) **Description:** Alq 1 **Sample Barcode** 25-0858 **Vial Number:** 12

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:53:58 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77237	1.278	1.277	158.7142	0.1598
n-Propanol	0.80212	2.146	2.146	176.8451	0.0100

Name FID2B

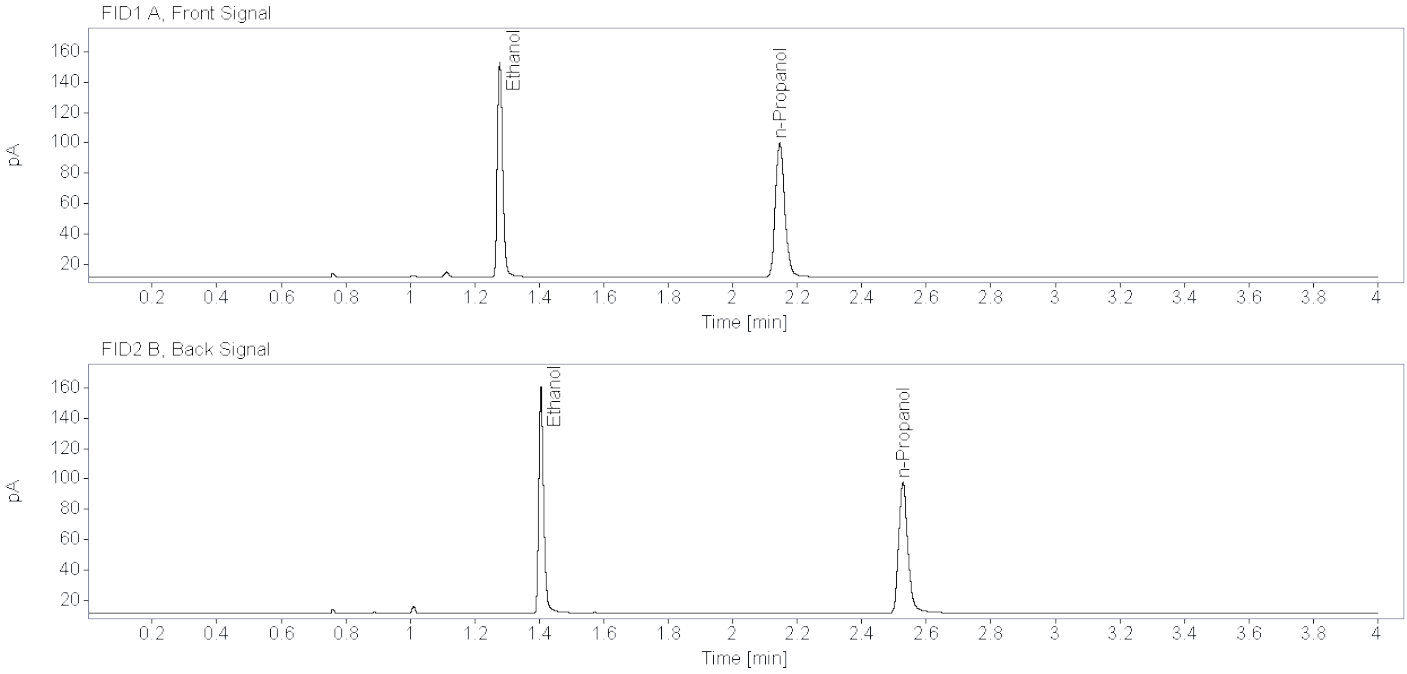
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74203	1.405	1.405	156.0949	0.1585
n-Propanol	0.80482	2.528	2.527	168.7185	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0826 001_001 (25-0900) **Description:** Alq 2 **Sample Barcode** 25-0900 **Vial Number:** 54

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:32:22 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77567	1.278	1.277	159.5775	0.1606
n-Propanol	0.80961	2.146	2.146	176.9472	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75219	1.405	1.405	157.6208	0.1601
n-Propanol	0.80333	2.528	2.527	168.7008	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0827 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1779	Aliquot 1:	0.1753
	Aliquot 2:	0.1744	Aliquot 2:	0.1737

Reported Result: **0.175** **g/100 mL**

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

Comments:

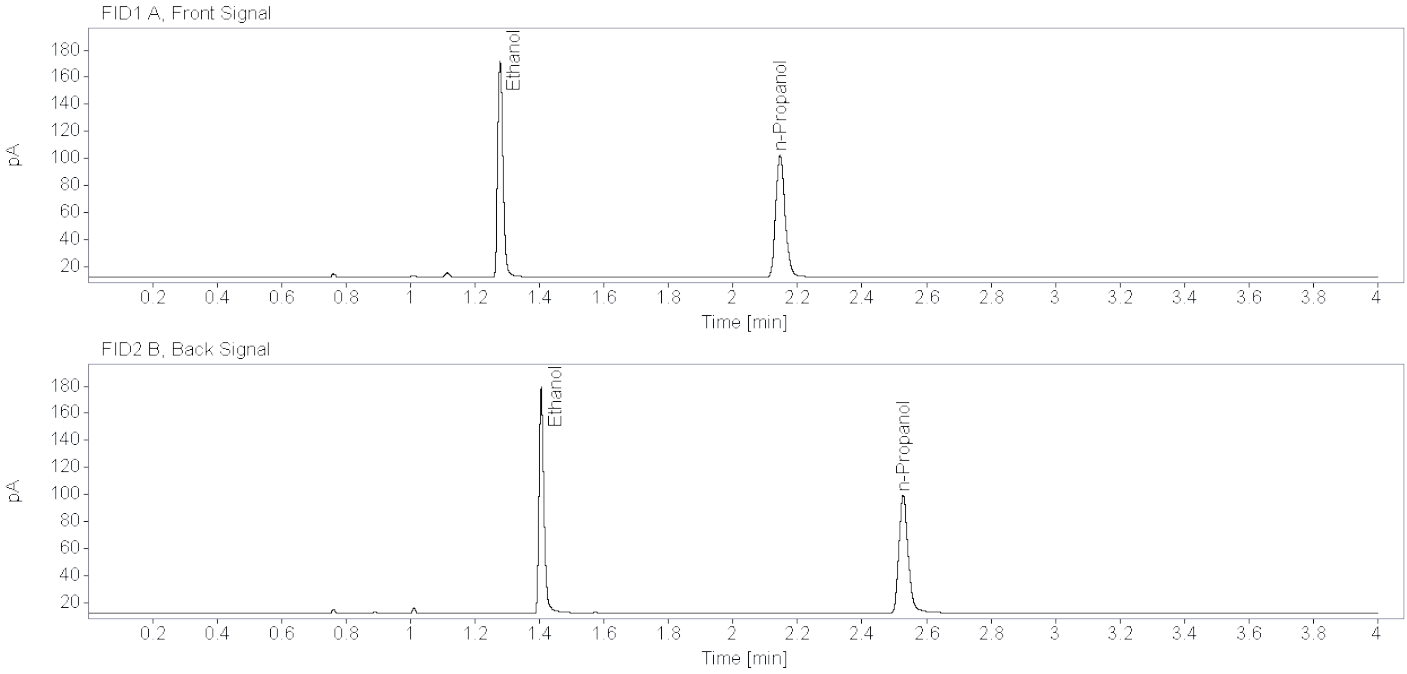
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0827 001_001 (25-0859) **Description:** Alq 1 **Sample Barcode** 25-0859 **Vial Number:** 13

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 11:59:40 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77798	1.278	1.277	180.8960	0.1779
n-Propanol	0.80672	2.146	2.146	180.9661	0.0100

Name FID2B

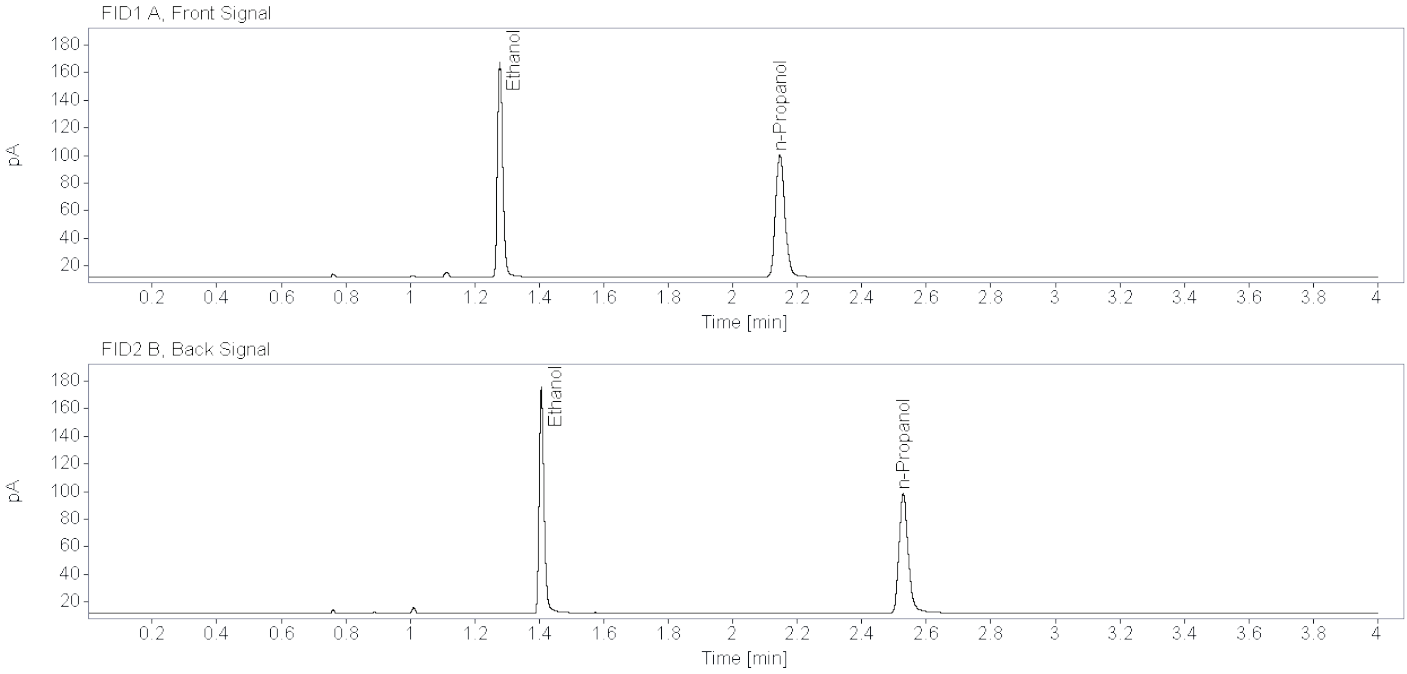
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73568	1.405	1.405	176.7849	0.1753
n-Propanol	0.80433	2.528	2.527	172.6715	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0827 001_001 (25-0899) **Description:** Alq 2 **Sample Barcode** 25-0899 **Vial Number:** 53

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:27:39 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78525	1.278	1.277	174.3172	0.1744
n-Propanol	0.80262	2.146	2.146	177.8928	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75420	1.407	1.405	172.0273	0.1737
n-Propanol	0.80106	2.529	2.527	169.6023	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0902 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2907	Aliquot 1:	0.2888
	Aliquot 2:	0.2915	Aliquot 2:	0.2928

Reported Result: **0.290** **g/100 mL**

Reported UM: **0.047** **g/100 mL**

Comments:

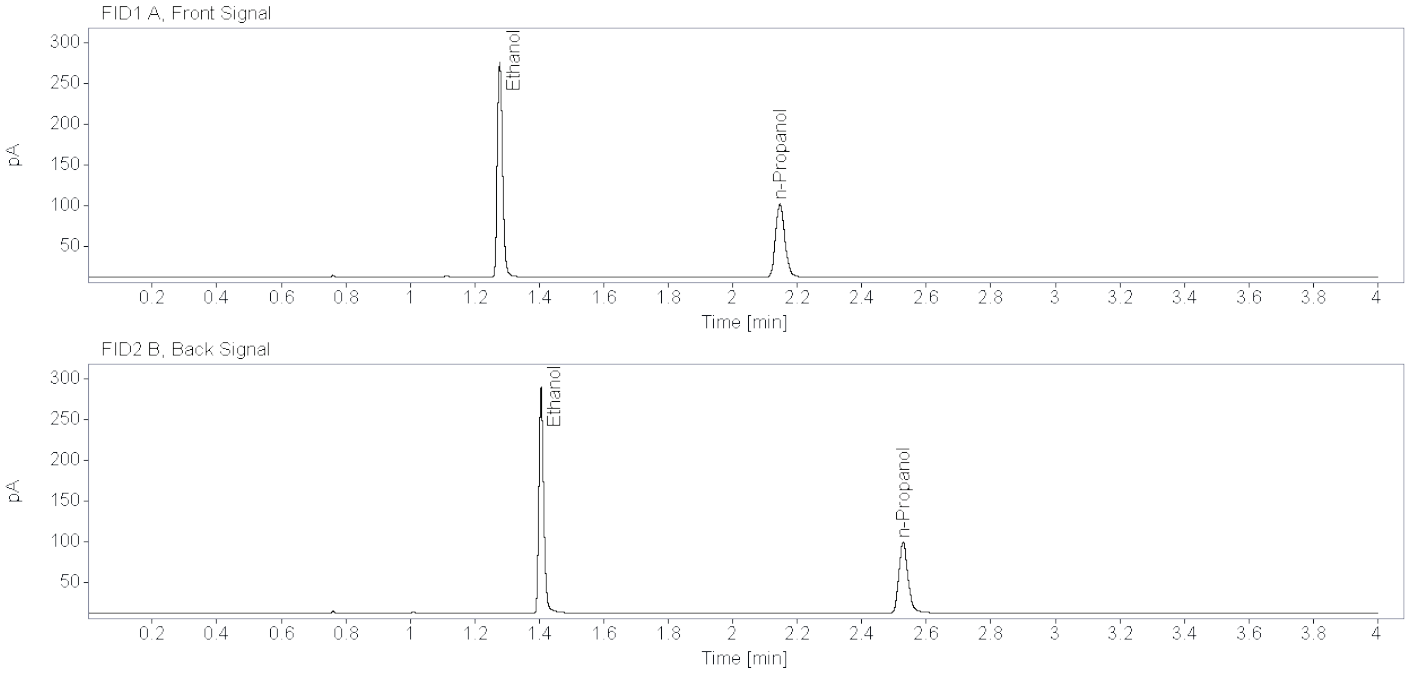
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0902 001_001 (25-0860) **Description:** Alq 1 **Sample Barcode** 25-0860 **Vial Number:** 14

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:04:22 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80924	1.278	1.277	295.2898	0.2907
n-Propanol	0.80460	2.146	2.146	180.4245	0.0100

Name FID2B

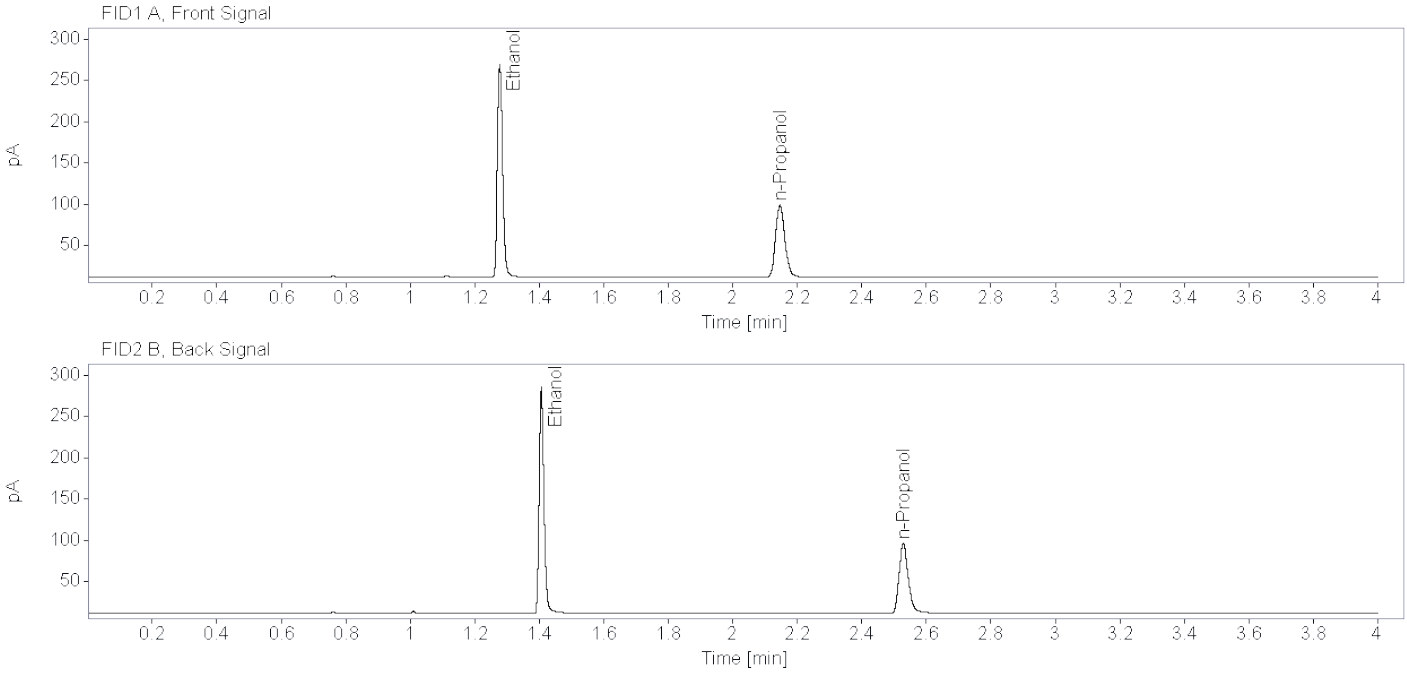
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77605	1.406	1.405	291.5615	0.2888
n-Propanol	0.81172	2.528	2.527	172.3503	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0902 001_001 (25-0898) **Description:** Alq 2 **Sample Barcode** 25-0898 **Vial Number:** 52

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:21:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79554	1.278	1.277	287.5294	0.2915
n-Propanol	0.80736	2.146	2.146	175.1996	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78397	1.407	1.405	285.1601	0.2928
n-Propanol	0.80530	2.529	2.527	166.2522	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0904 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1960	Aliquot 1:	0.1939
	Aliquot 2:	0.1957	Aliquot 2:	0.1951

Reported Result: **0.195** **g/100 mL**

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

Comments:

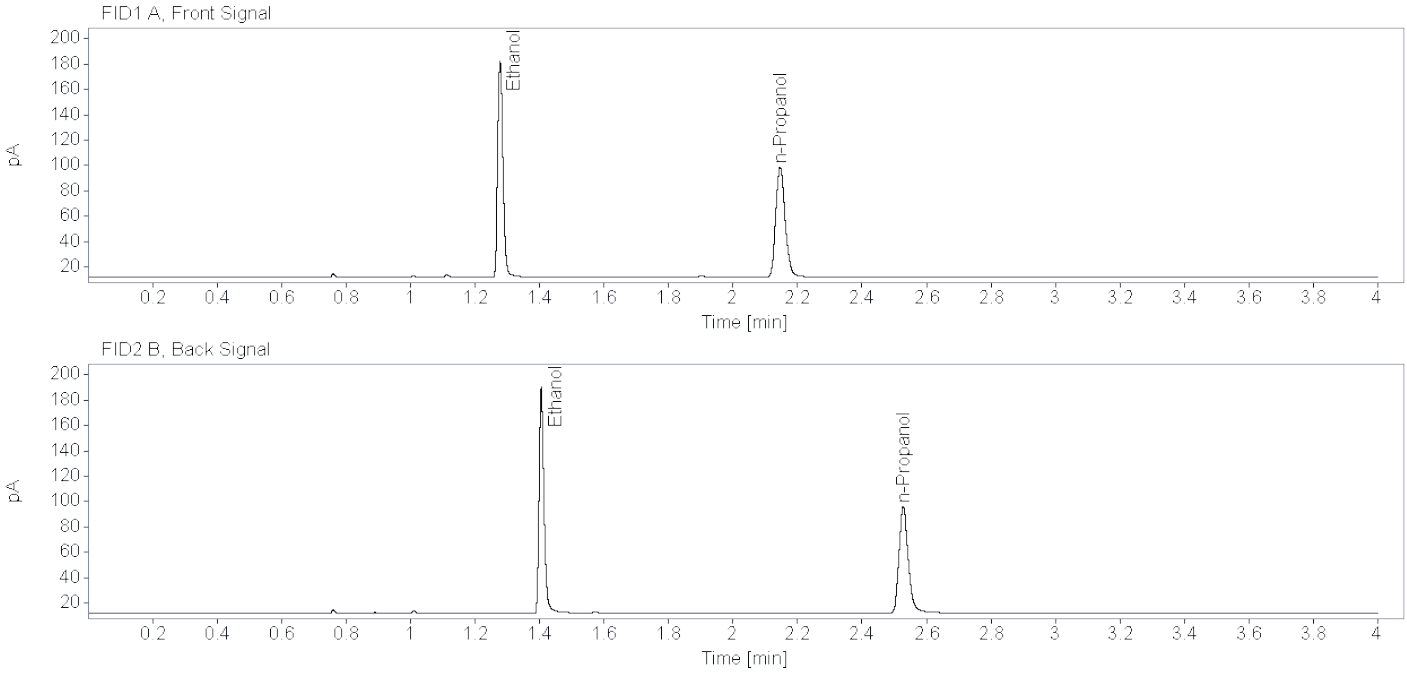
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0904 001_001 (25-0861) **Description:** Alq 1 **Sample Barcode** 25-0861 **Vial Number:** 15

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:10:04 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78565	1.278	1.277	192.0953	0.1960
n-Propanol	0.80443	2.146	2.146	174.3652	0.0100

Name FID2B

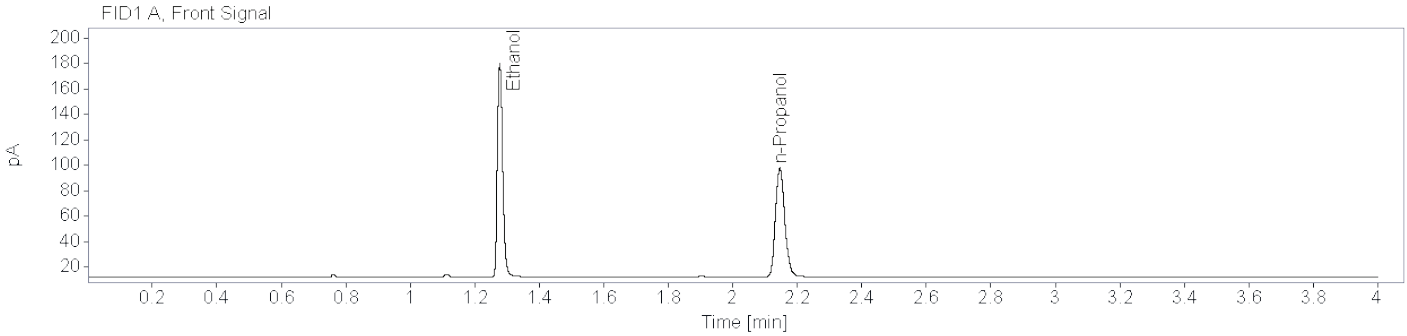
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74408	1.406	1.405	188.1529	0.1939
n-Propanol	0.80197	2.528	2.527	166.0323	0.0100

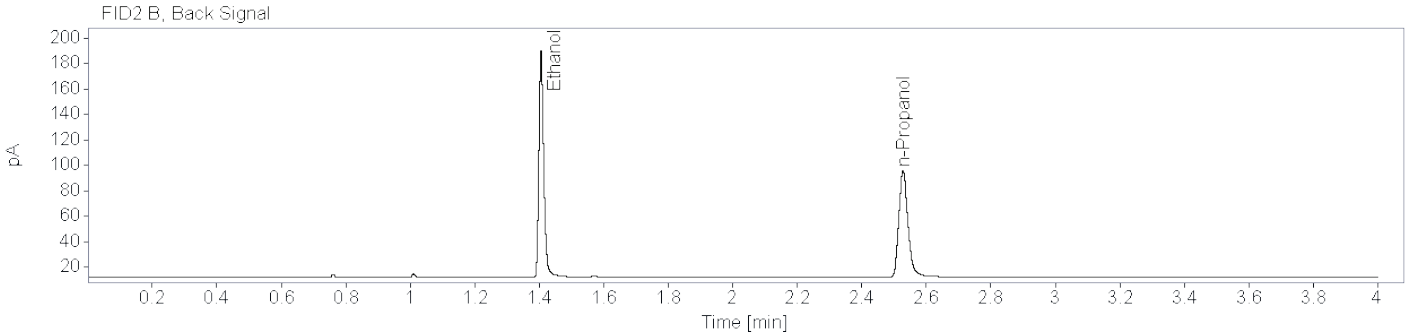
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0904 001_001 (25-0897) **Description:** Alq 2 **Sample Barcode** 25-0897 **Vial Number:** 51

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:17:15 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\051F5101.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77632	1.278	1.277	189.7226	0.1957
n-Propanol	0.80673	2.146	2.146	172.4991	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76127	1.406	1.405	188.0306	0.1951
n-Propanol	0.80506	2.528	2.527	164.8760	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0905 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1376	Aliquot 1:	0.1362
	Aliquot 2:	0.1406	Aliquot 2:	0.1397

Reported Result: **0.138** **g/100 mL**

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

Comments:

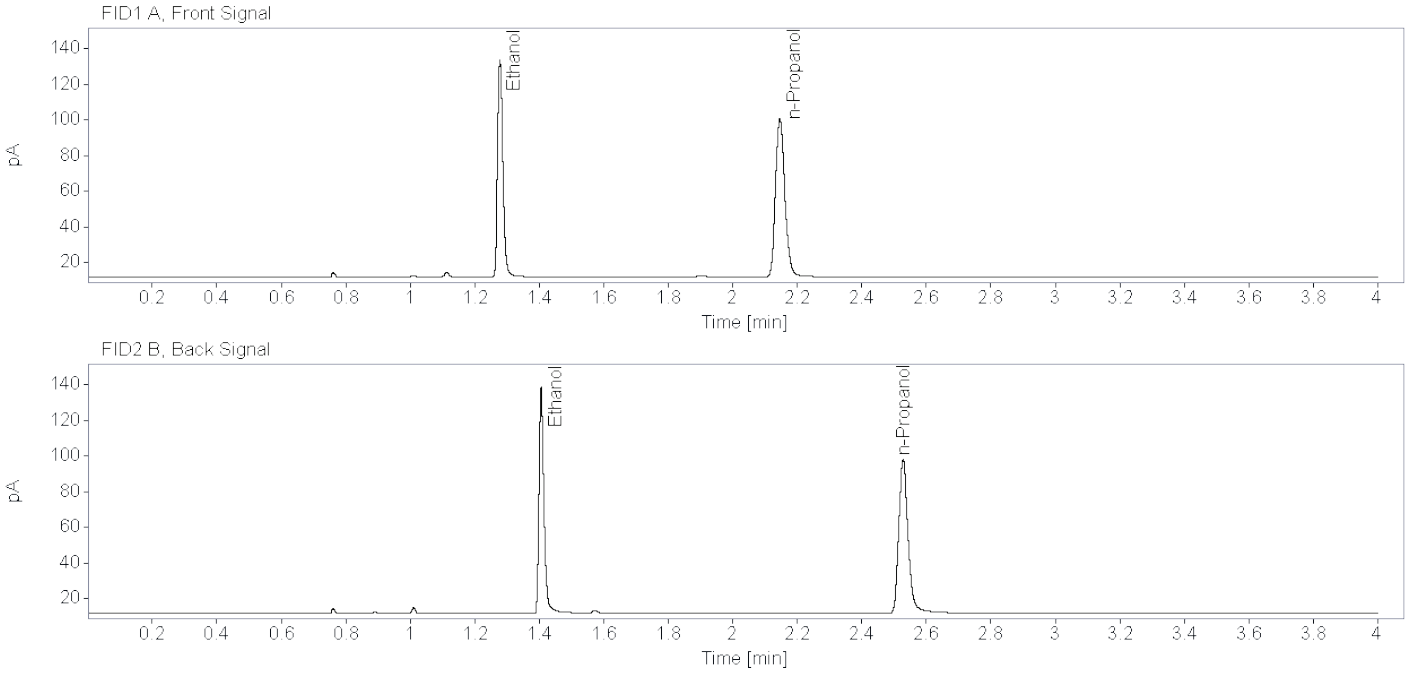
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0905 001_001 (25-0862) **Description:** Alq 1 **Sample Barcode** 25-0862 **Vial Number:** 16

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:14:46 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77251	1.278	1.277	137.9234	0.1376
n-Propanol	0.80169	2.146	2.146	178.5893	0.0100

Name FID2B

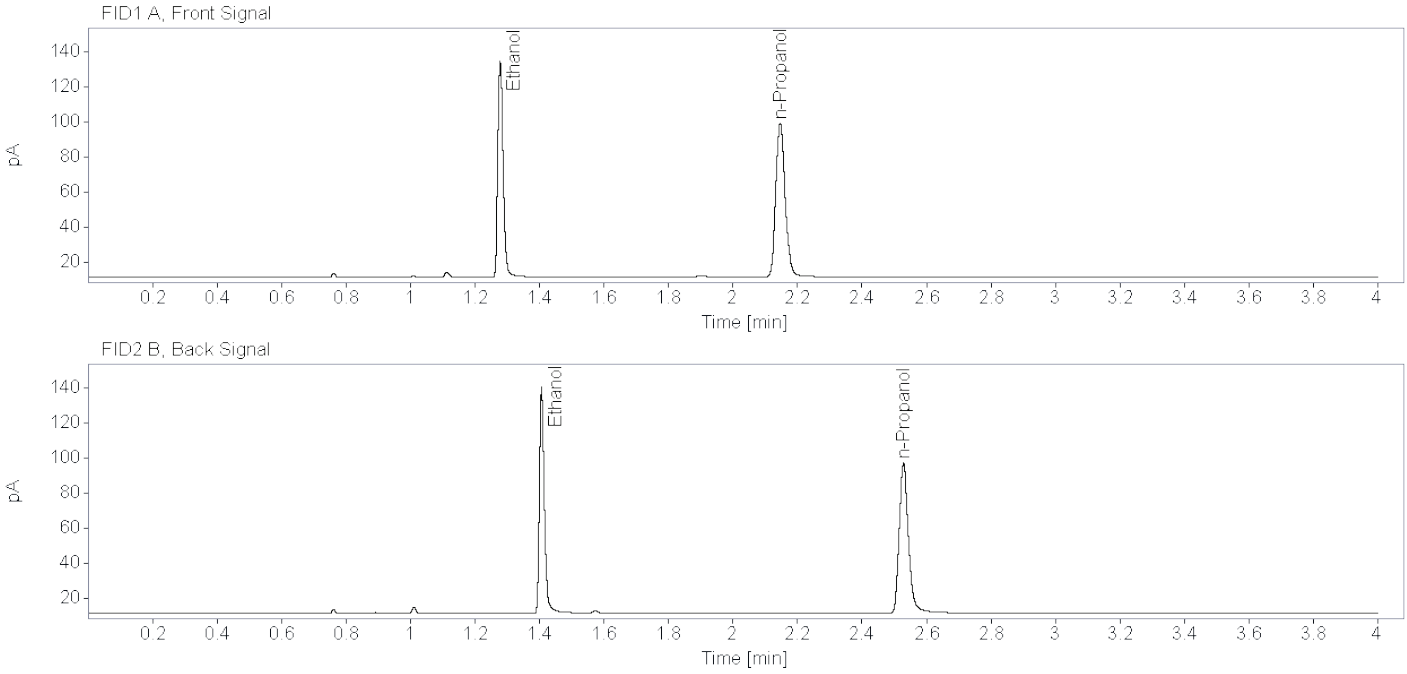
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73423	1.406	1.405	135.4090	0.1362
n-Propanol	0.81055	2.528	2.527	170.5623	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0905 001_001 (25-0896) **Description:** Alq 2 **Sample Barcode** 25-0896 **Vial Number:** 50

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:11:34 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77606	1.278	1.277	138.5629	0.1406
n-Propanol	0.80979	2.146	2.146	175.5592	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74404	1.407	1.405	136.1136	0.1397
n-Propanol	0.80723	2.529	2.527	167.1101	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0915 006_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1308	Aliquot 1:	0.1286
	Aliquot 2:	0.1300	Aliquot 2:	0.1288

Reported Result: **0.129** **g/100 mL**

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

Comments:

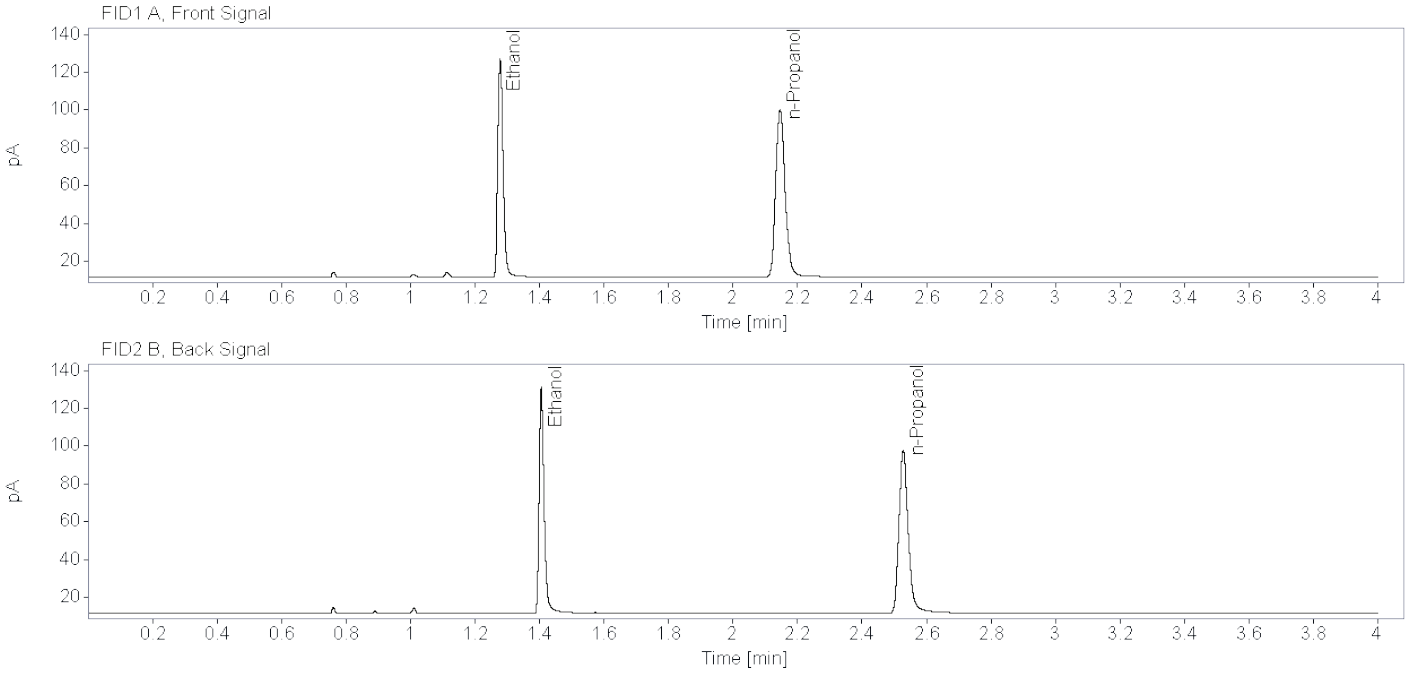
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0915 006_001 (25-0863) **Description:** Alq 1 **Sample Barcode** 25-0863 **Vial Number:** 17

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:20:27 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77194	1.278	1.277	130.1609	0.1308
n-Propanol	0.80624	2.146	2.146	177.3849	0.0100

Name FID2B

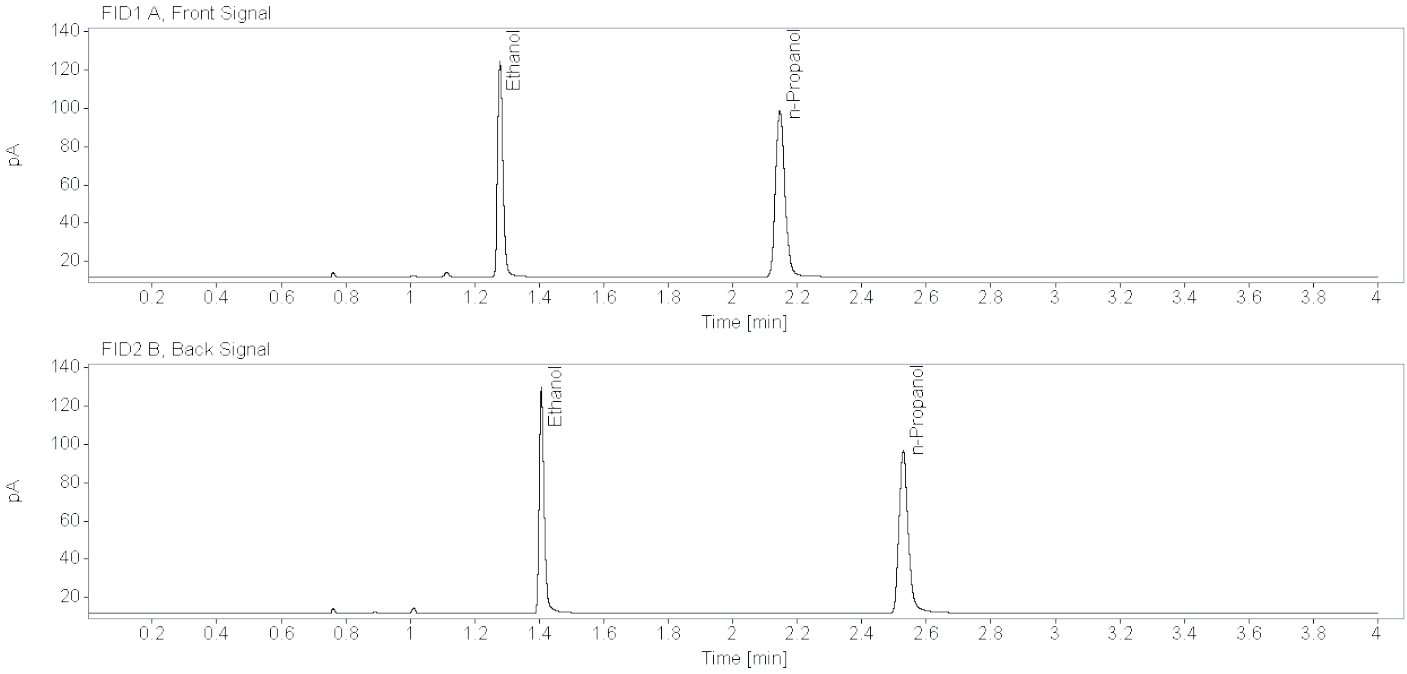
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72431	1.406	1.405	126.9368	0.1286
n-Propanol	0.80217	2.528	2.527	169.4237	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0915 006_001 (25-0895) **Description:** Alq 2 **Sample Barcode** 25-0895 **Vial Number:** 49

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:06:52 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76471	1.279	1.277	127.0464	0.1300
n-Propanol	0.80361	2.146	2.146	174.2674	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73456	1.407	1.405	124.7645	0.1288
n-Propanol	0.80112	2.529	2.527	166.3361	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0916 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2244	Aliquot 1:	0.2245
	Aliquot 2:	0.2182	Aliquot 2:	0.2168

Reported Result: **0.220** **g/100 mL**

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

Comments:

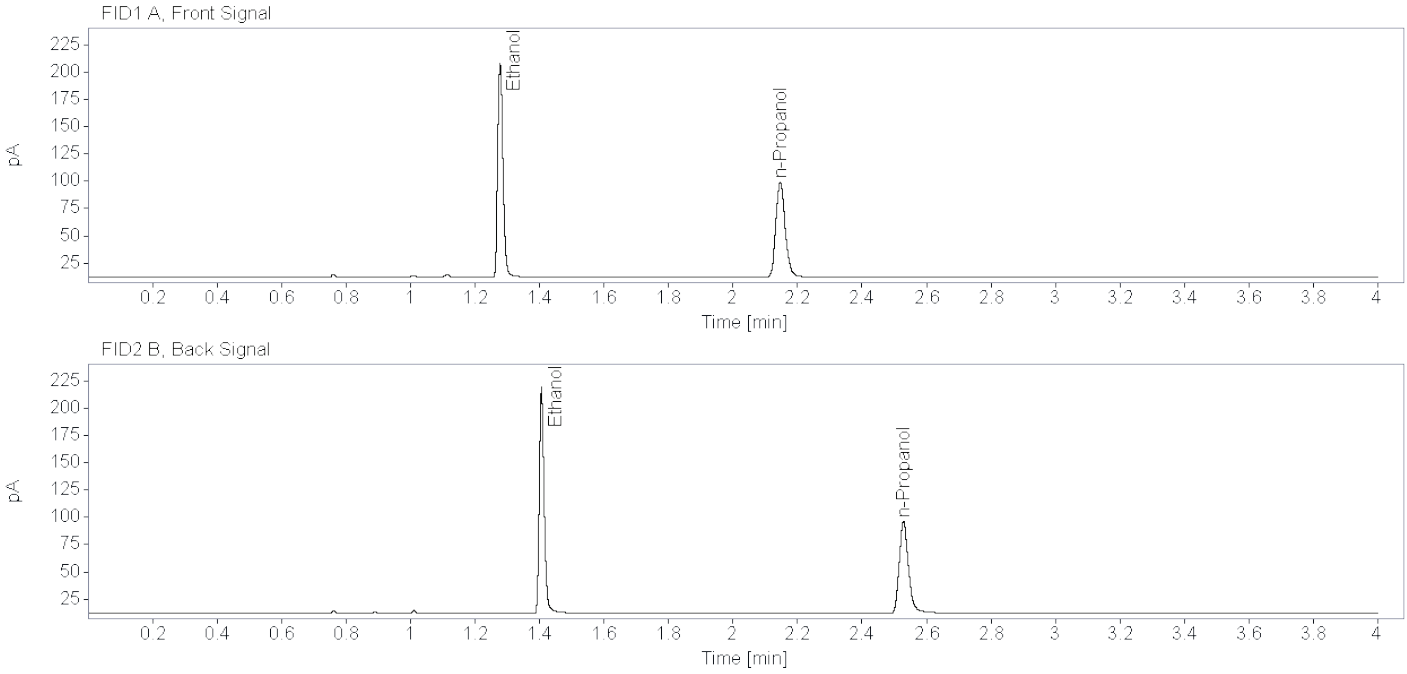
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0916 001_001 (25-0864) **Description:** Alq 1 **Sample Barcode** 25-0864 **Vial Number:** 18

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:25:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79064	1.278	1.277	220.1384	0.2244
n-Propanol	0.80507	2.146	2.146	174.4262	0.0100

Name FID2B

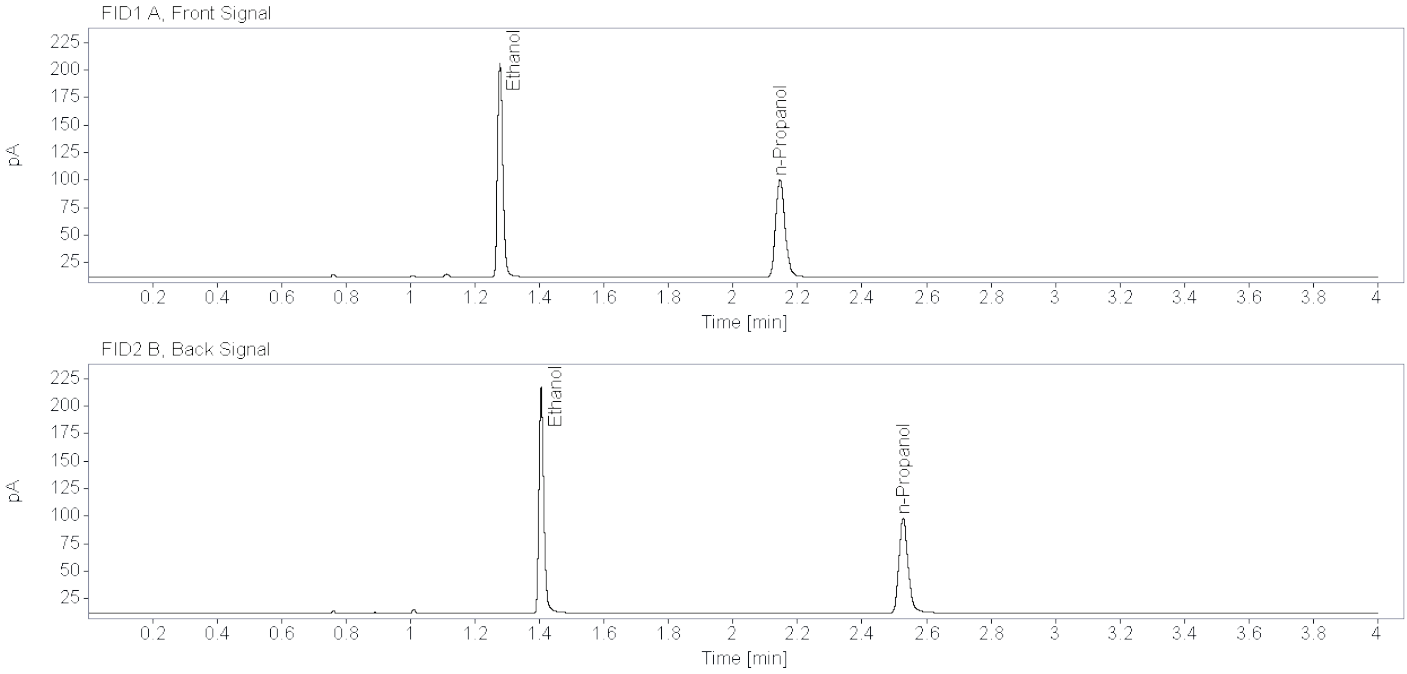
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77227	1.406	1.405	217.8852	0.2245
n-Propanol	0.80407	2.529	2.527	165.8746	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0916 001_001 (25-0894) **Description:** Alq 2 **Sample Barcode** 25-0894 **Vial Number:** 48

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 3:01:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78845	1.278	1.277	218.3968	0.2182
n-Propanol	0.80254	2.146	2.146	177.9766	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77159	1.405	1.405	216.5086	0.2168
n-Propanol	0.80923	2.528	2.527	170.7272	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0917 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0891	Aliquot 1:	0.0887
	Aliquot 2:	0.0877	Aliquot 2:	0.0859

Reported Result: **0.087** **g/100 mL**

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

Comments:

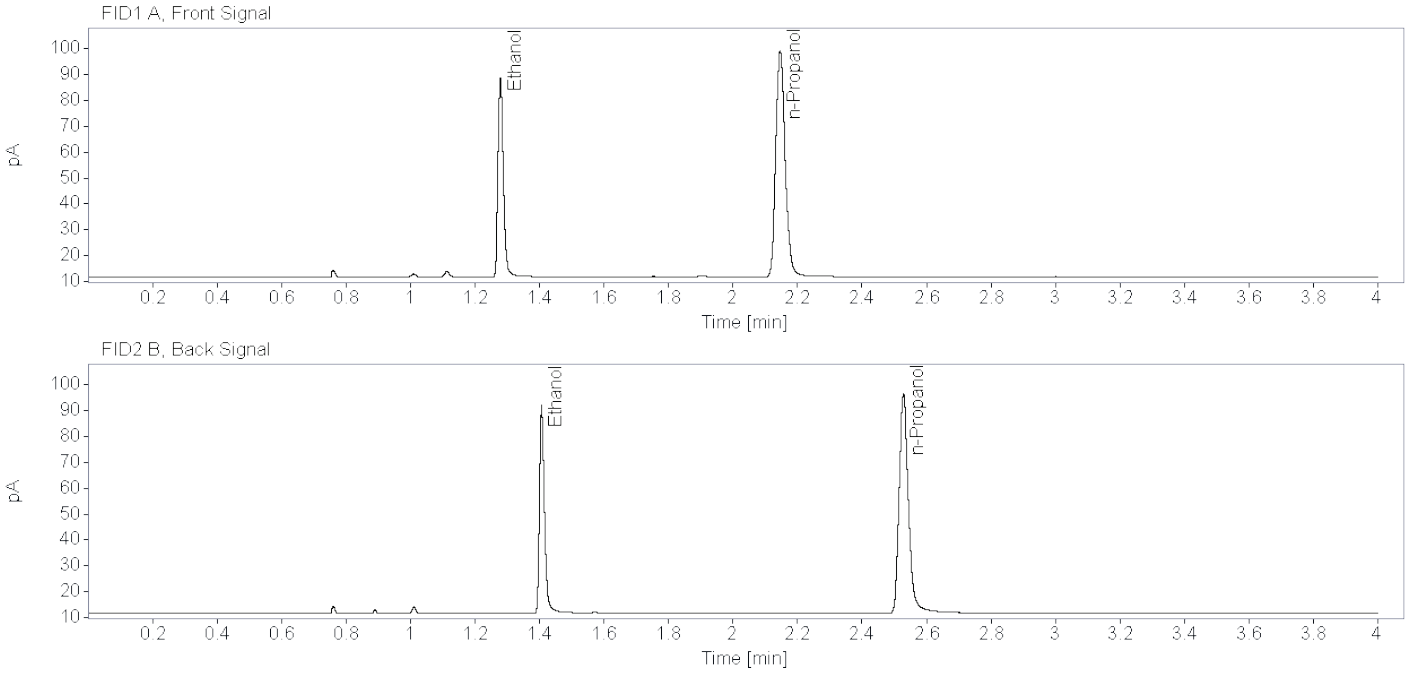
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0917 001_001 (25-0865) **Description:** Alq 1 **Sample Barcode** 25-0865 **Vial Number:** 19

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:30:53 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76673	1.279	1.277	87.1166	0.0891
n-Propanol	0.80677	2.146	2.146	174.7491	0.0100

Name FID2B

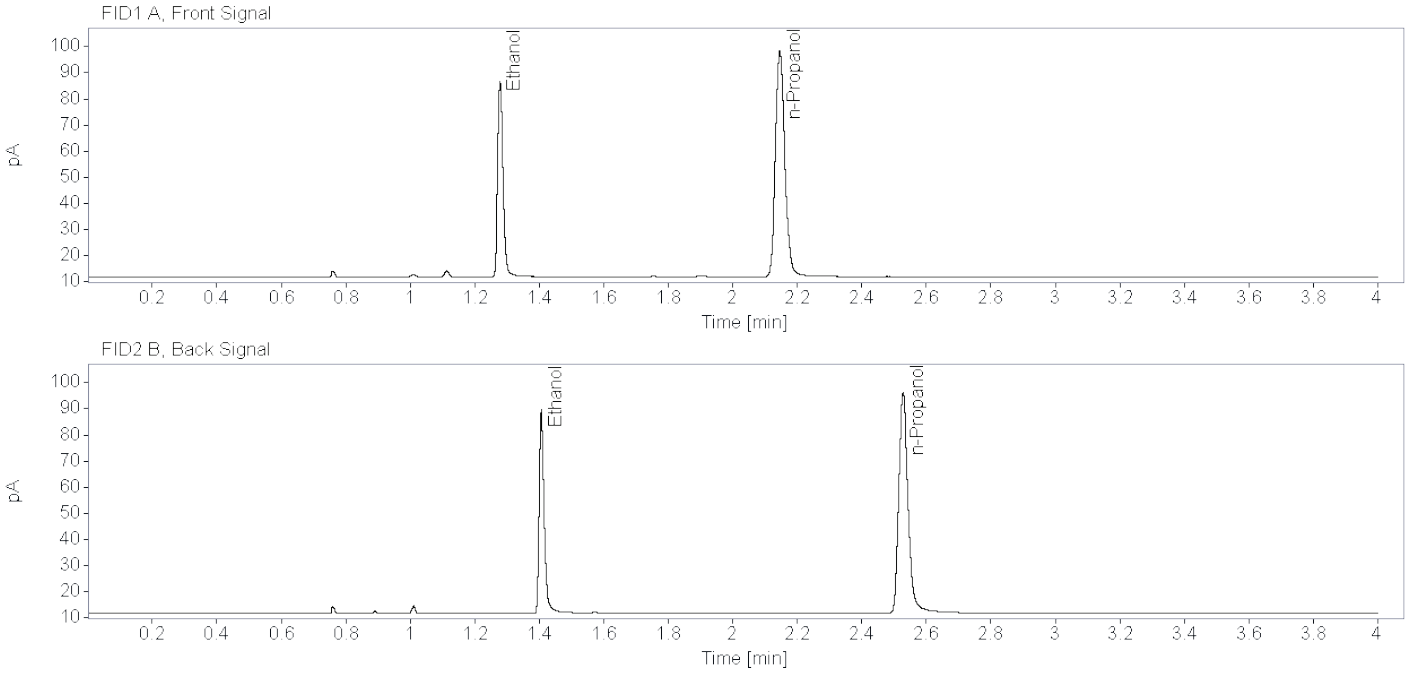
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73588	1.407	1.405	85.5213	0.0887
n-Propanol	0.80341	2.528	2.527	166.2857	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0917 001_001 (25-0893) **Description:** Alq 2 **Sample Barcode** 25-0893 **Vial Number:** 47

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:56:27 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76557	1.279	1.277	85.2674	0.0877
n-Propanol	0.80399	2.146	2.146	173.8600	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71347	1.407	1.405	82.7149	0.0859
n-Propanol	0.80606	2.528	2.527	166.2283	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0926 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2152	Aliquot 1:	0.2148
	Aliquot 2:	0.2229	Aliquot 2:	0.2226

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

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

Comments:

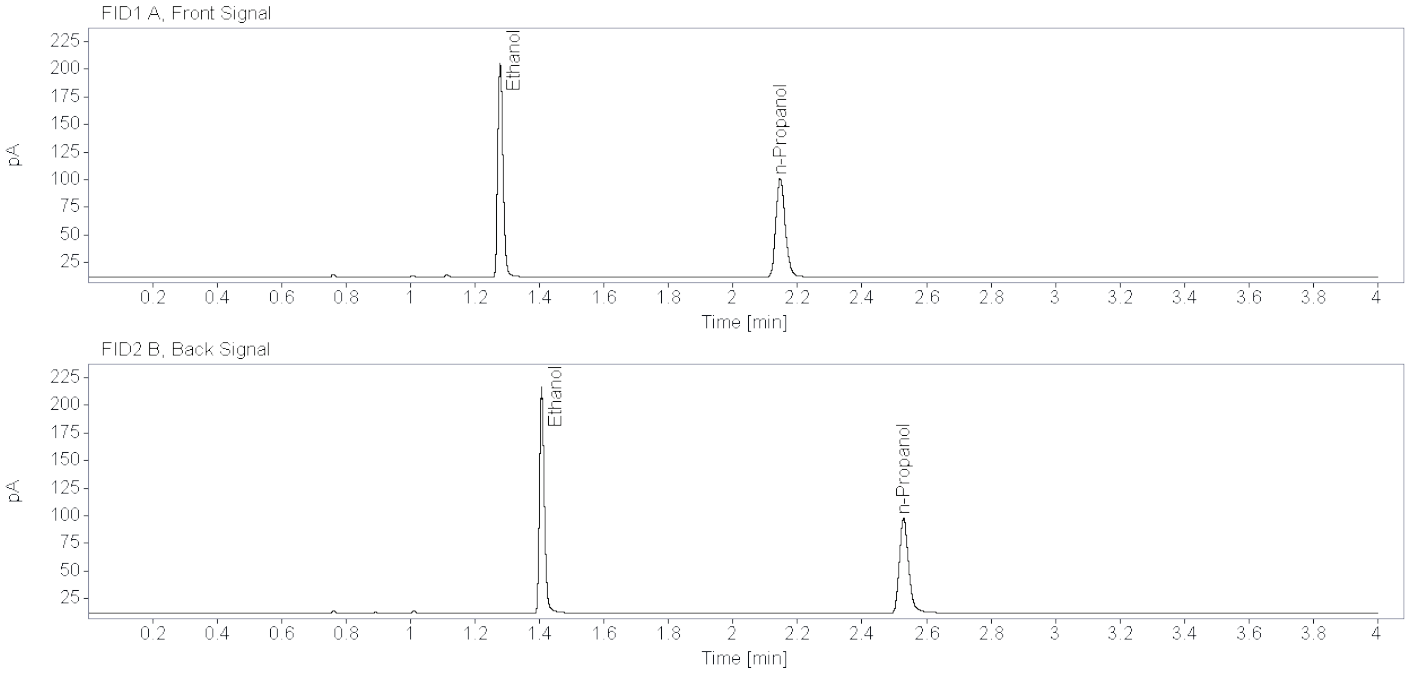
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0926 001_001 (25-0866) **Description:** Alq 1 **Sample Barcode** 25-0866 **Vial Number:** 20

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:35:35 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79169	1.278	1.277	216.5266	0.2152
n-Propanol	0.80859	2.146	2.146	178.8971	0.0100

Name FID2B

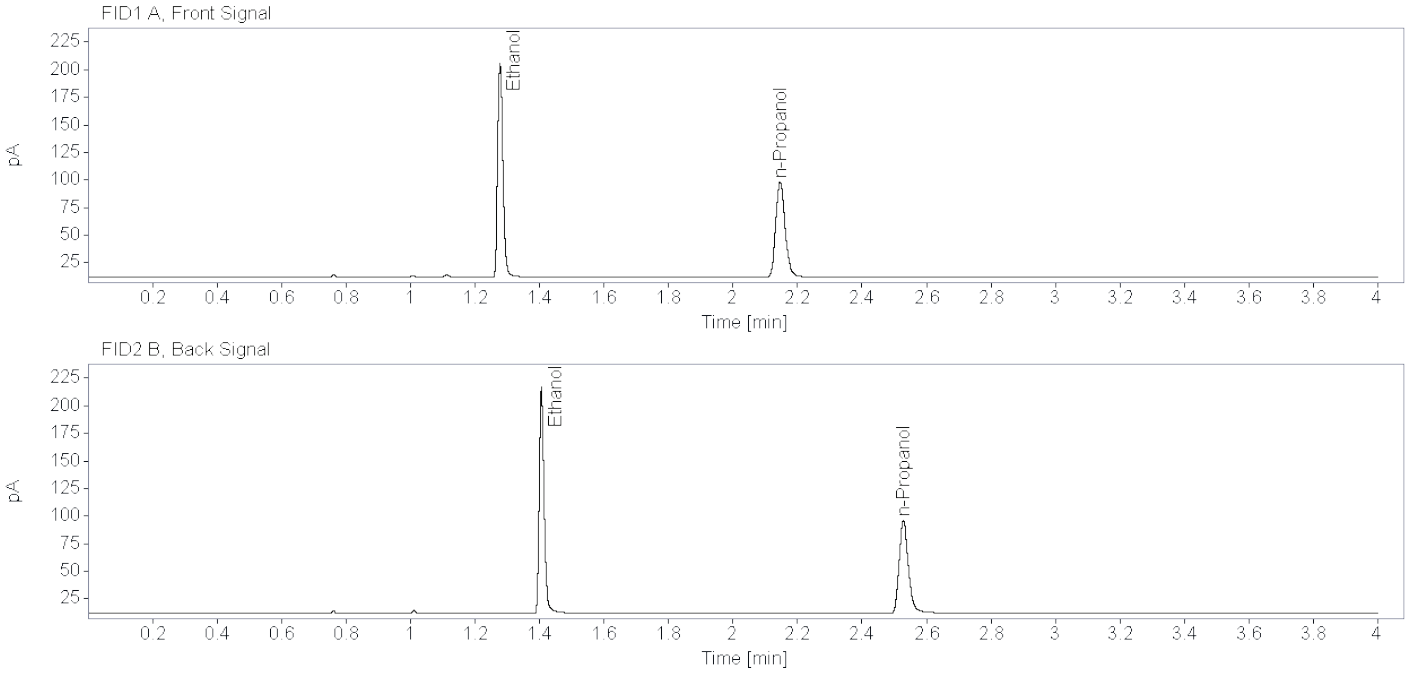
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78295	1.407	1.405	213.9699	0.2148
n-Propanol	0.78911	2.529	2.527	170.2765	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0926 001_001 (25-0892) **Description:** Alq 2 **Sample Barcode** 25-0892 **Vial Number:** 46

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:50:46 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79299	1.278	1.277	217.5865	0.2229
n-Propanol	0.80682	2.146	2.146	173.5634	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76626	1.406	1.405	215.2275	0.2226
n-Propanol	0.80039	2.528	2.527	165.2449	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0928 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2631	Aliquot 1:	0.2631
	Aliquot 2:	0.2395	Aliquot 2:	0.2383

Reported Result: ~~0.251~~ **0.241** **g/100 mL**

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

5/30/2025 mh

Comments: Aliquot 2 value from FID 2 is not within 5% of the average. Case will be repeated.-- 5/30/2025 mh

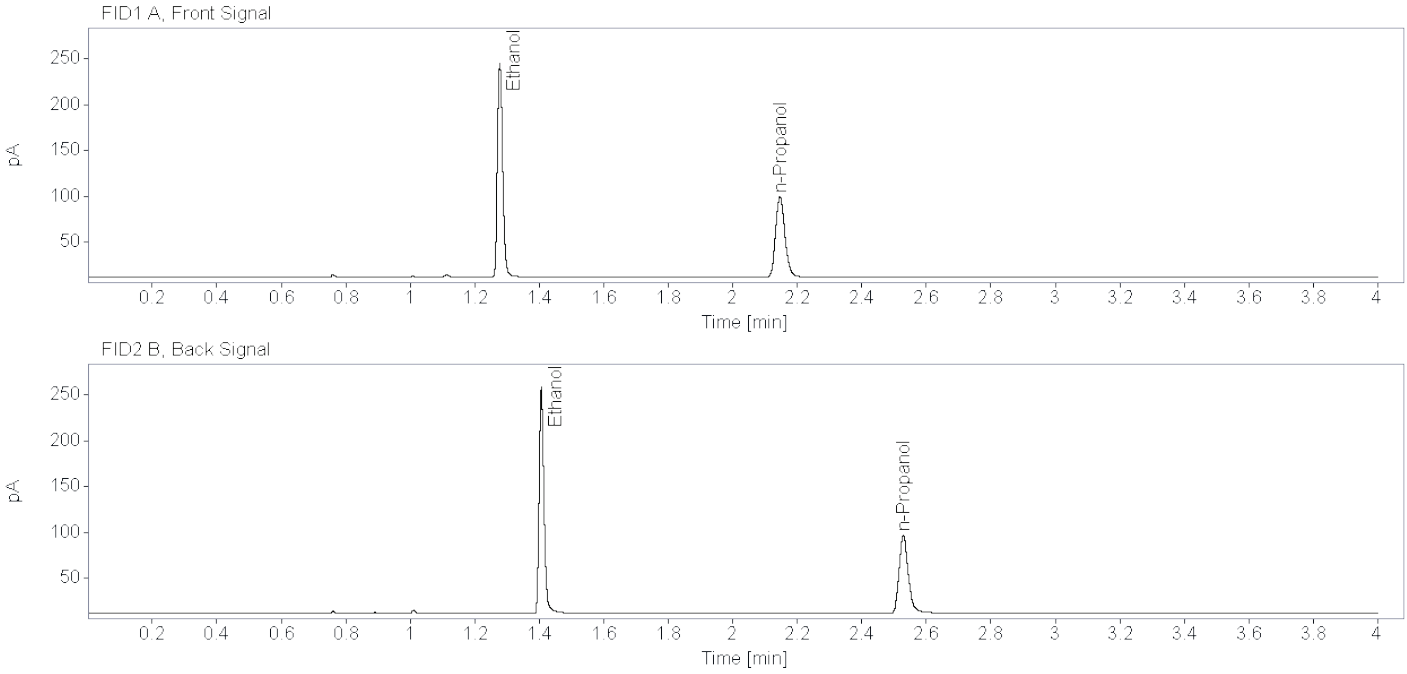
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0928 001_001 (25-0867) **Description:** Alq 1 **Sample Barcode** 25-0867 **Vial Number:** 21

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:41:15 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79529	1.278	1.277	260.4917	0.2631
n-Propanol	0.80385	2.146	2.146	175.9238	0.0100

Name FID2B

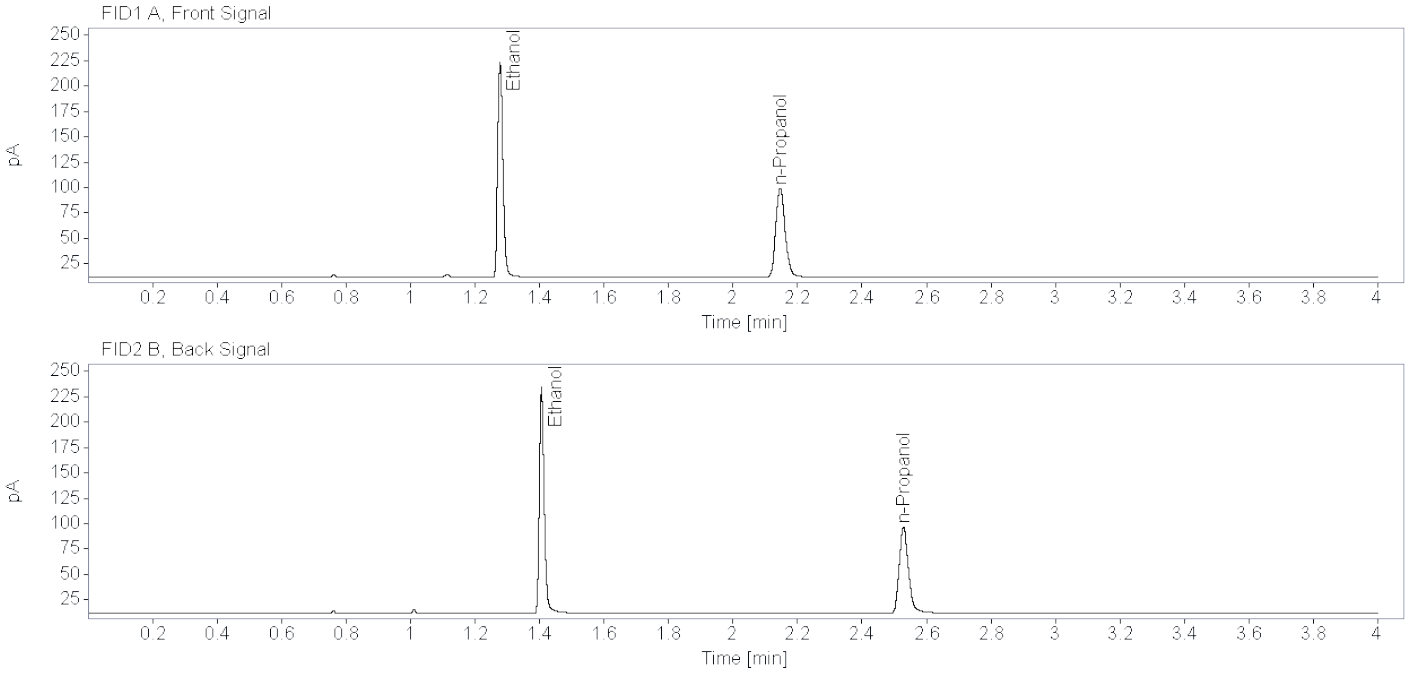
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77561	1.407	1.405	257.6721	0.2631
n-Propanol	0.80251	2.529	2.527	167.2490	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0928 001_001 (25-0891) **Description:** Alq 2 **Sample Barcode** 25-0891 **Vial Number:** 45

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:46:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78935	1.278	1.277	236.5133	0.2395
n-Propanol	0.80558	2.146	2.146	175.5237	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76442	1.406	1.405	233.0680	0.2383
n-Propanol	0.80154	2.529	2.527	167.1398	0.0100

FID 2 is not within 5% of the average. Case will be repeated. -- 5/30/2025 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0929 001_001

Batch Name: BAC_20250529_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:

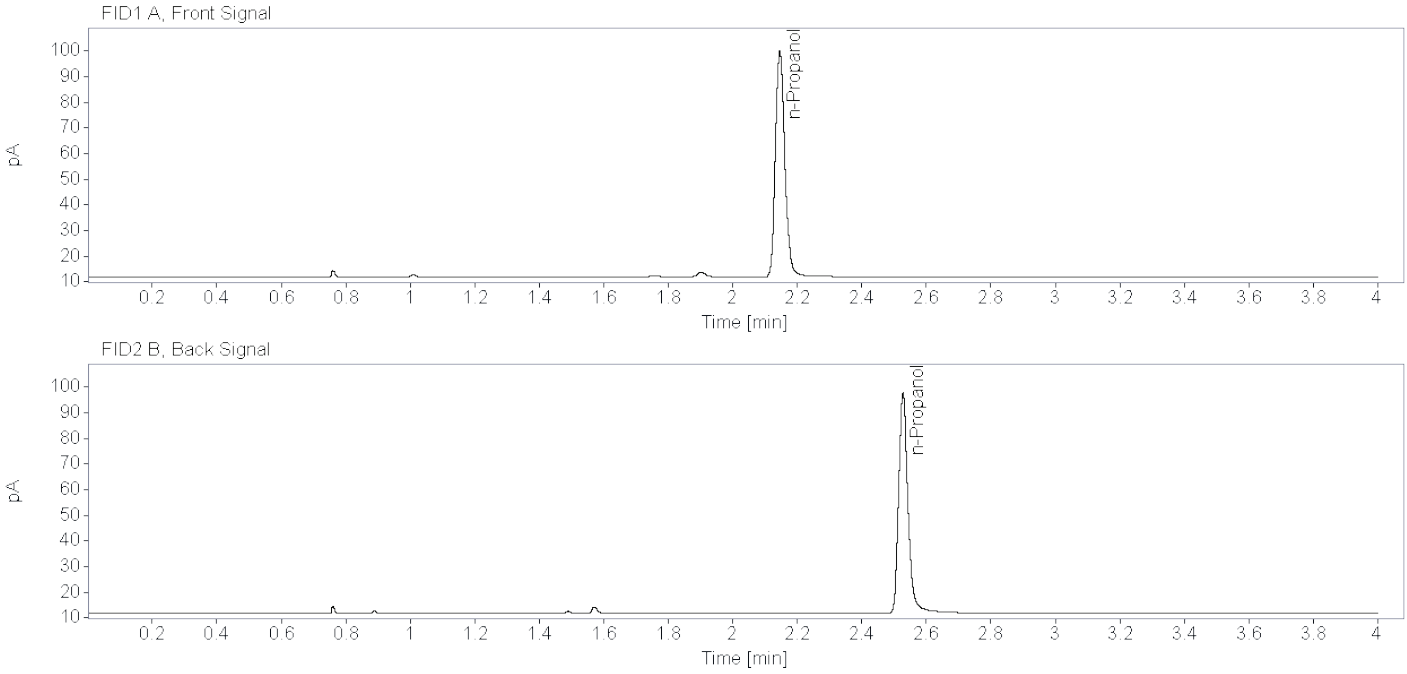
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0929 001_001 (25-0869) **Description:** Alq 1 **Sample Barcode** 25-0869 **Vial Number:** 23

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:51:40 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80258	2.146	2.146	177.1654	0.0100

Name FID2B

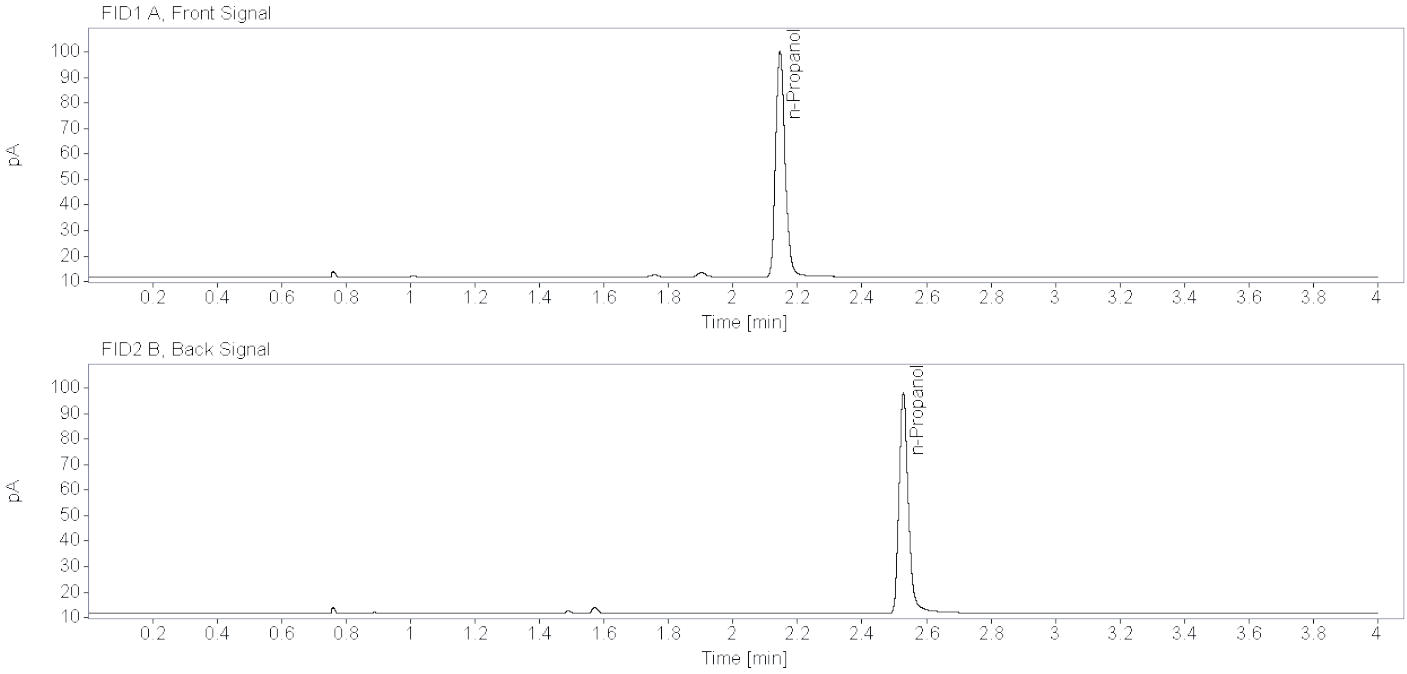
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80184	2.528	2.527	168.9042	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0929 001_001 (25-0889) **Description:** Alq 2 **Sample Barcode** 25-0889 **Vial Number:** 43

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:35:39 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80447	2.146	2.146	178.0022	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80399	2.528	2.527	169.7950	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0930 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2263	Aliquot 1:	0.2258
	Aliquot 2:	0.2273	Aliquot 2:	0.2257

Reported Result: **0.226** **g/100 mL**

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

Comments:

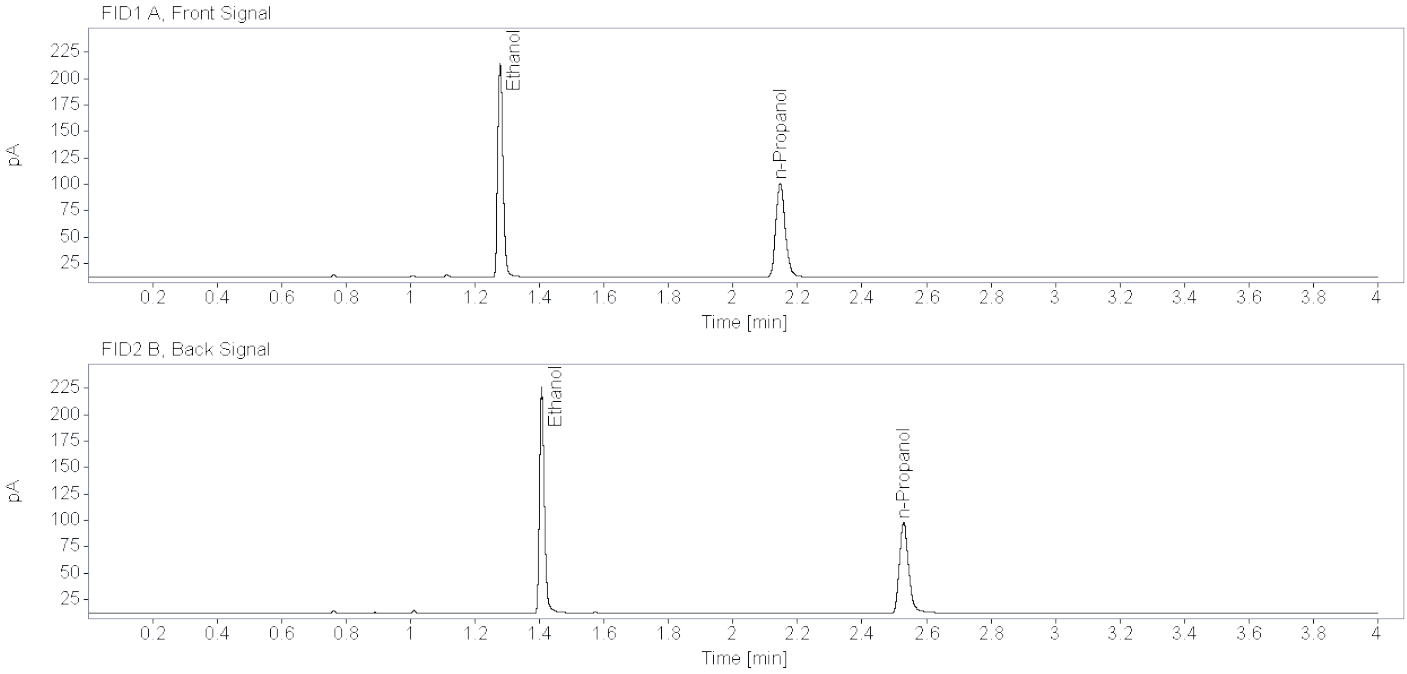
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0930 001_001 (25-0870) **Description:** Alq 1 **Sample Barcode** 25-0870 **Vial Number:** 24

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 12:56:22 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79269	1.278	1.277	226.9838	0.2263
n-Propanol	0.80990	2.146	2.146	178.3018	0.0100

Name FID2B

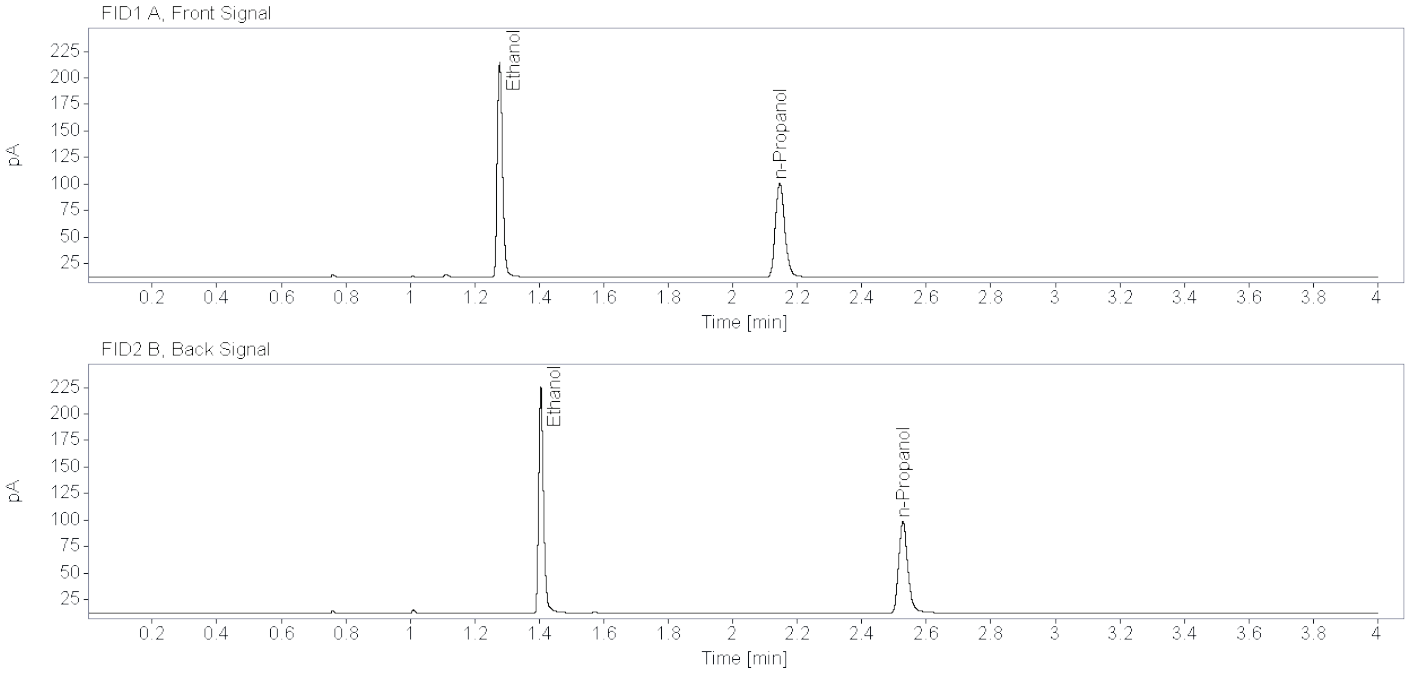
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78369	1.407	1.405	224.0473	0.2258
n-Propanol	0.79372	2.529	2.527	169.5992	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0930 001_001 (25-0888) **Description:** Alq 2 **Sample Barcode** 25-0888 **Vial Number:** 42

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:29:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79596	1.278	1.277	227.6715	0.2273
n-Propanol	0.80011	2.146	2.146	178.0521	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76546	1.405	1.405	224.1985	0.2257
n-Propanol	0.80099	2.528	2.527	169.7990	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0947 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1273	Aliquot 1:	0.1266
	Aliquot 2:	0.1251	Aliquot 2:	0.1241

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

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

Comments:

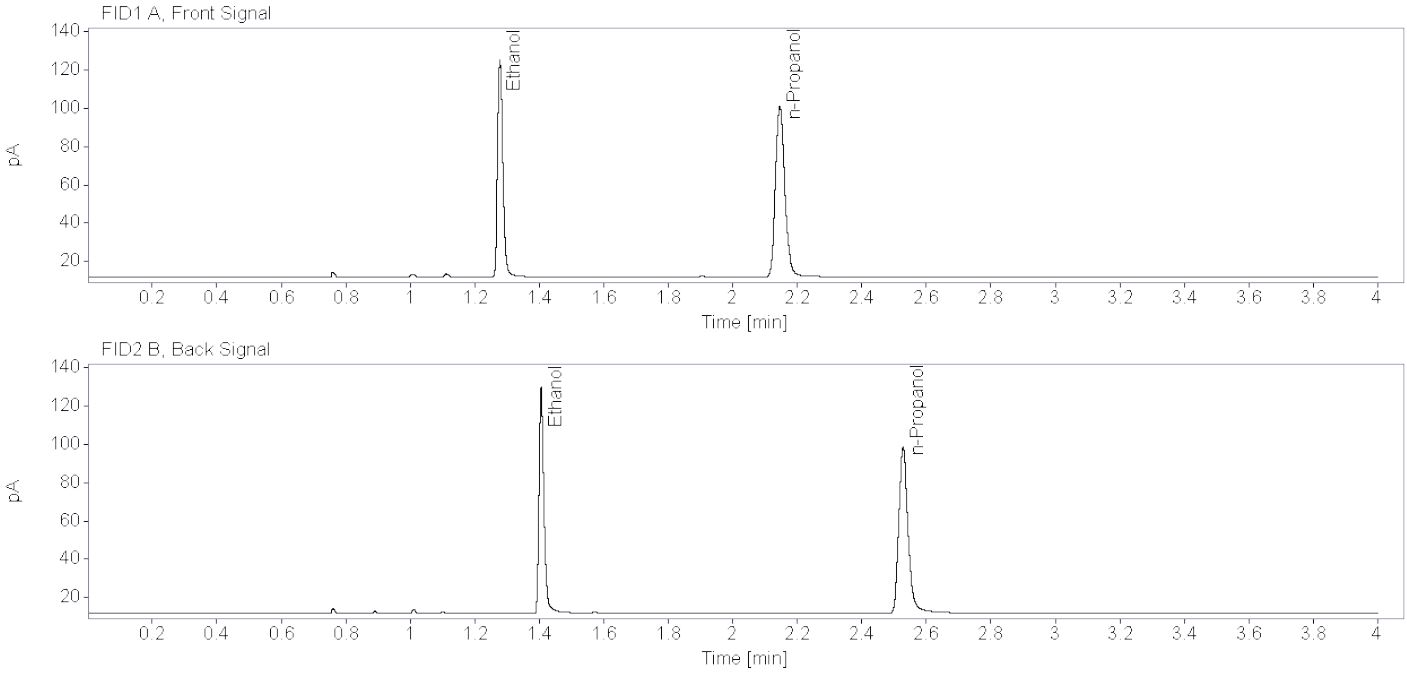
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0947 001_001 (25-0871) **Description:** Alq 1 **Sample Barcode** 25-0871 **Vial Number:** 25

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:02:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76985	1.278	1.277	128.0658	0.1273
n-Propanol	0.80306	2.146	2.146	179.3654	0.0100

Name FID2B

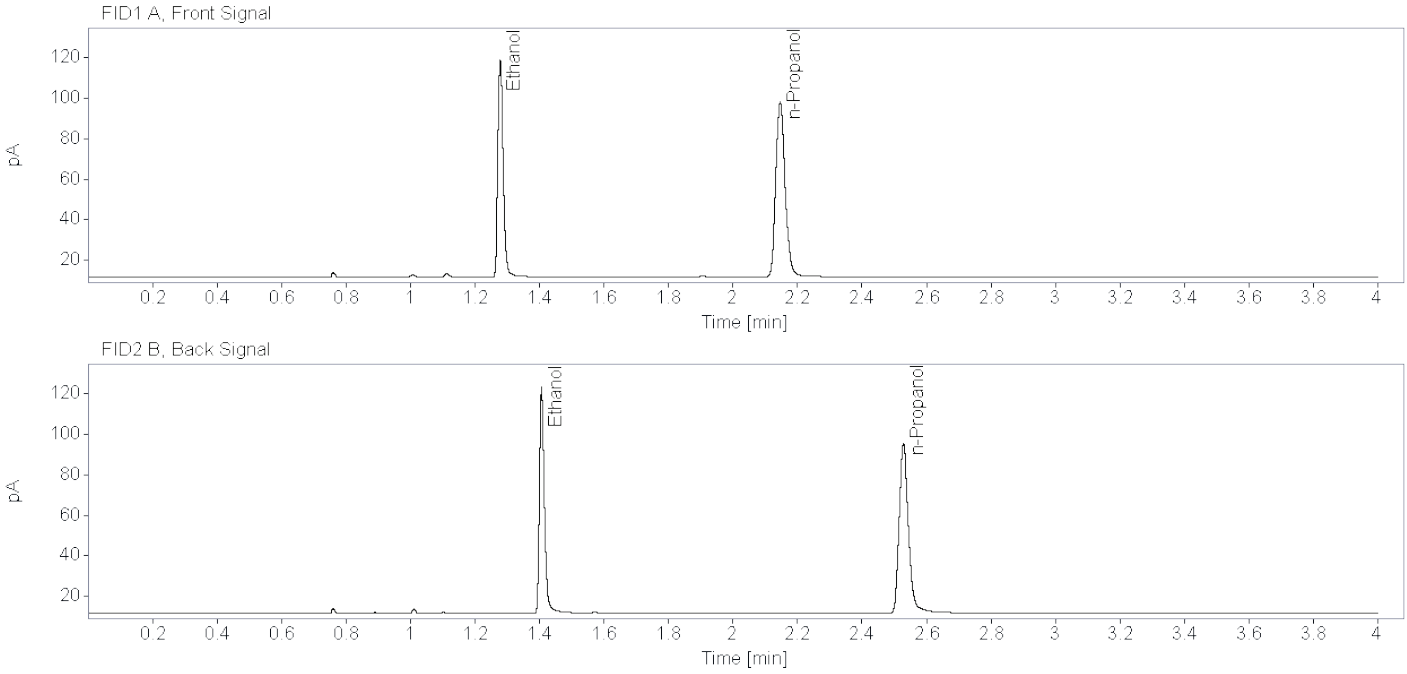
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73666	1.406	1.405	126.2603	0.1266
n-Propanol	0.80595	2.528	2.527	171.2962	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0947 001_001 (25-0887) **Description:** Alq 2 **Sample Barcode** 25-0887 **Vial Number:** 41

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:25:15 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77394	1.278	1.277	120.9158	0.1251
n-Propanol	0.80550	2.146	2.146	172.3063	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73434	1.407	1.405	118.4550	0.1241
n-Propanol	0.80265	2.528	2.527	163.9448	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0948 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0948	Aliquot 1:	0.0943
	Aliquot 2:	0.0907	Aliquot 2:	0.0905

Reported Result: **0.092** **g/100 mL**

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

Comments:

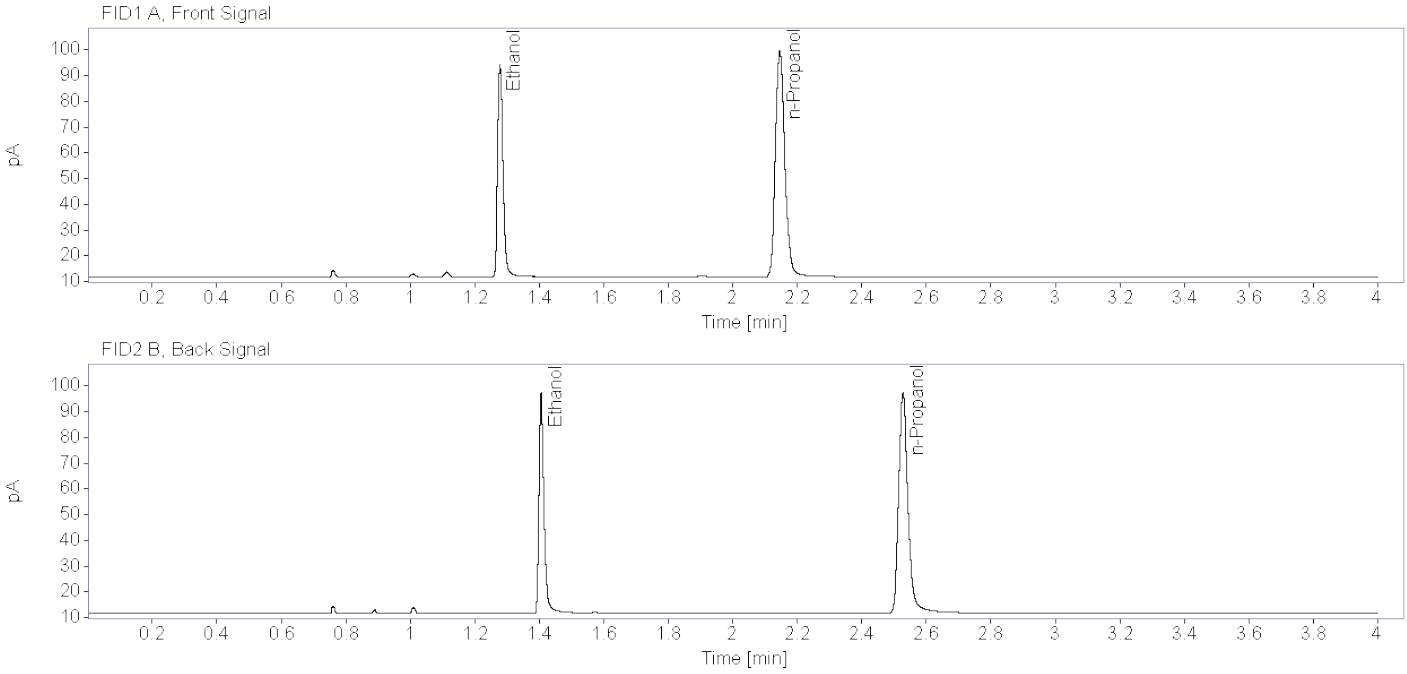
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0948 001_001 (25-0872) **Description:** Alq 1 **Sample Barcode** 25-0872 **Vial Number:** 26

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:06:46 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75988	1.279	1.277	93.5172	0.0948
n-Propanol	0.80203	2.146	2.146	176.2670	0.0100

Name FID2B

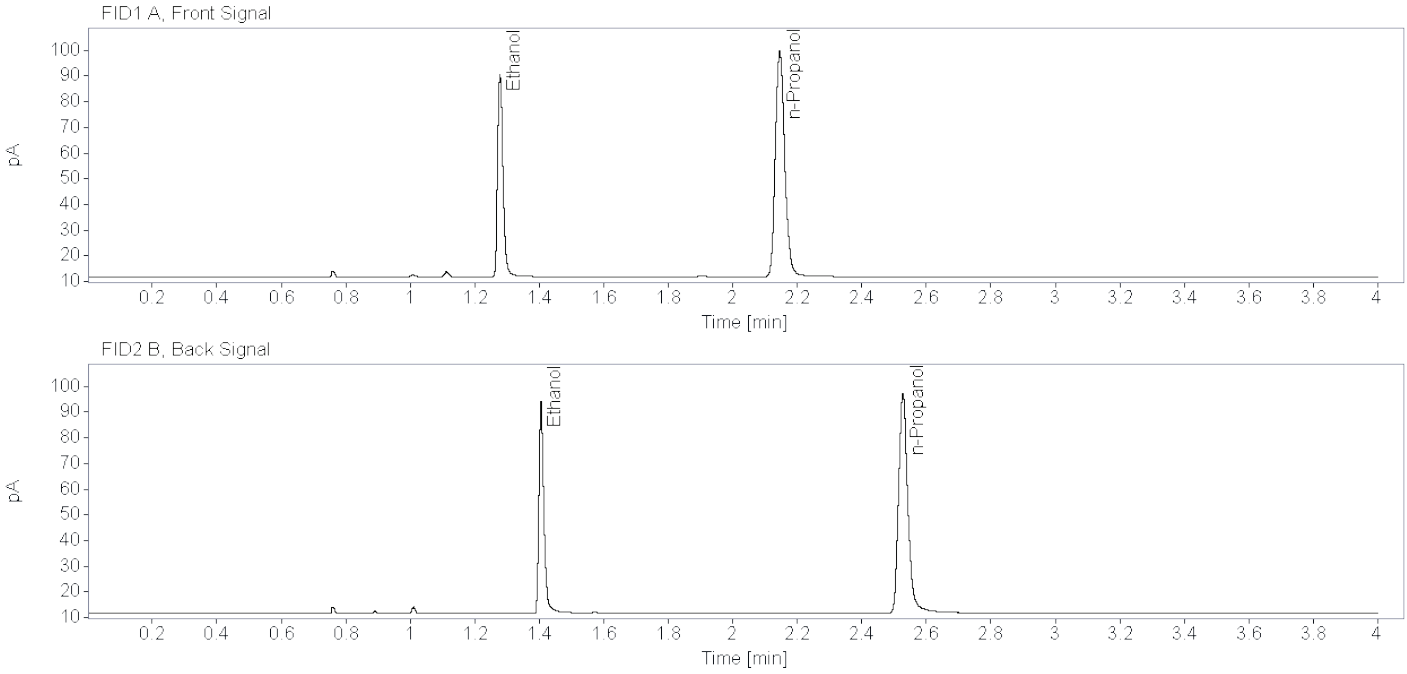
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71922	1.406	1.405	91.9336	0.0943
n-Propanol	0.80160	2.528	2.527	168.0495	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0948 001_001 (25-0886) **Description:** Alq 2 **Sample Barcode** 25-0886 **Vial Number:** 40

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:19:34 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75520	1.279	1.277	89.7040	0.0907
n-Propanol	0.81191	2.146	2.146	176.8223	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72625	1.406	1.405	88.3562	0.0905
n-Propanol	0.79899	2.527	2.527	168.2679	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0949 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1182	Aliquot 1:	0.1174
	Aliquot 2:	0.1190	Aliquot 2:	0.1169

Reported Result: **0.117** **g/100 mL**

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

Comments:

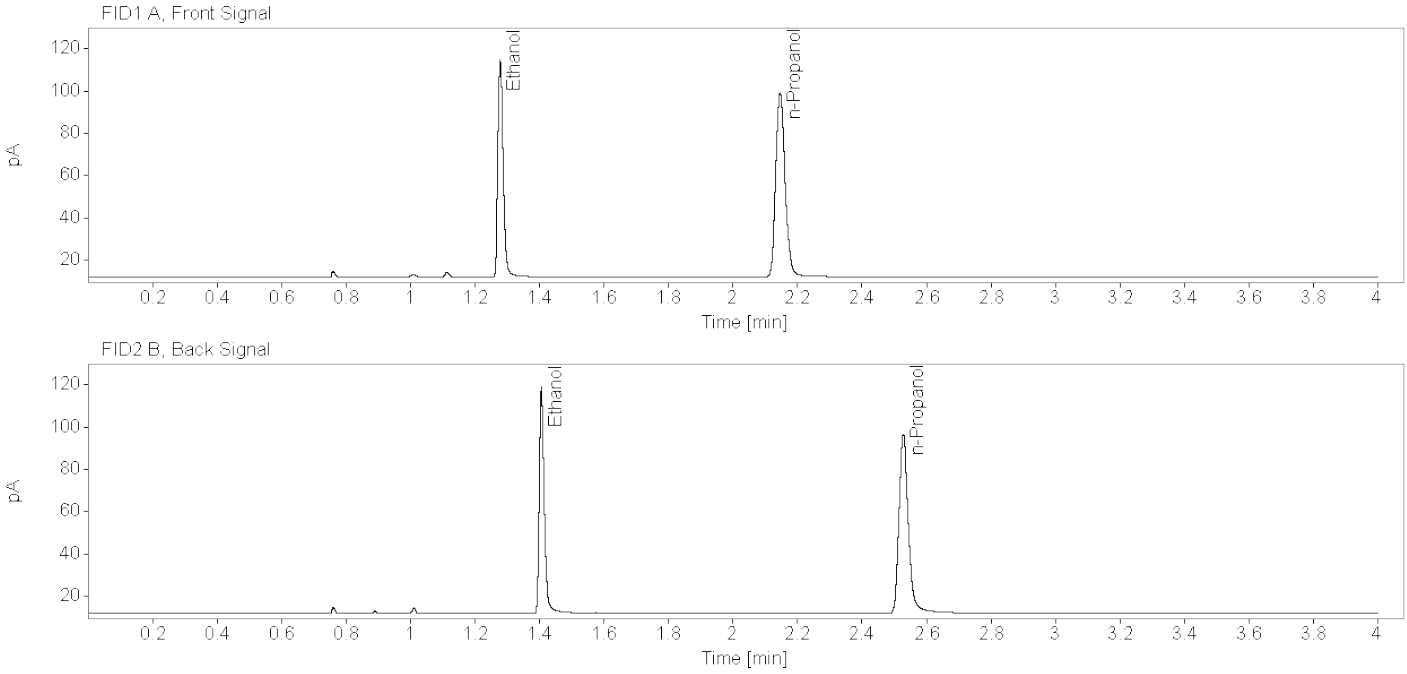
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0949 001_001 (25-0873) **Description:** Alq 1 **Sample Barcode** 25-0873 **Vial Number:** 27

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:12:28 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76427	1.278	1.277	116.2222	0.1182
n-Propanol	0.80640	2.146	2.146	175.3288	0.0100

Name FID2B

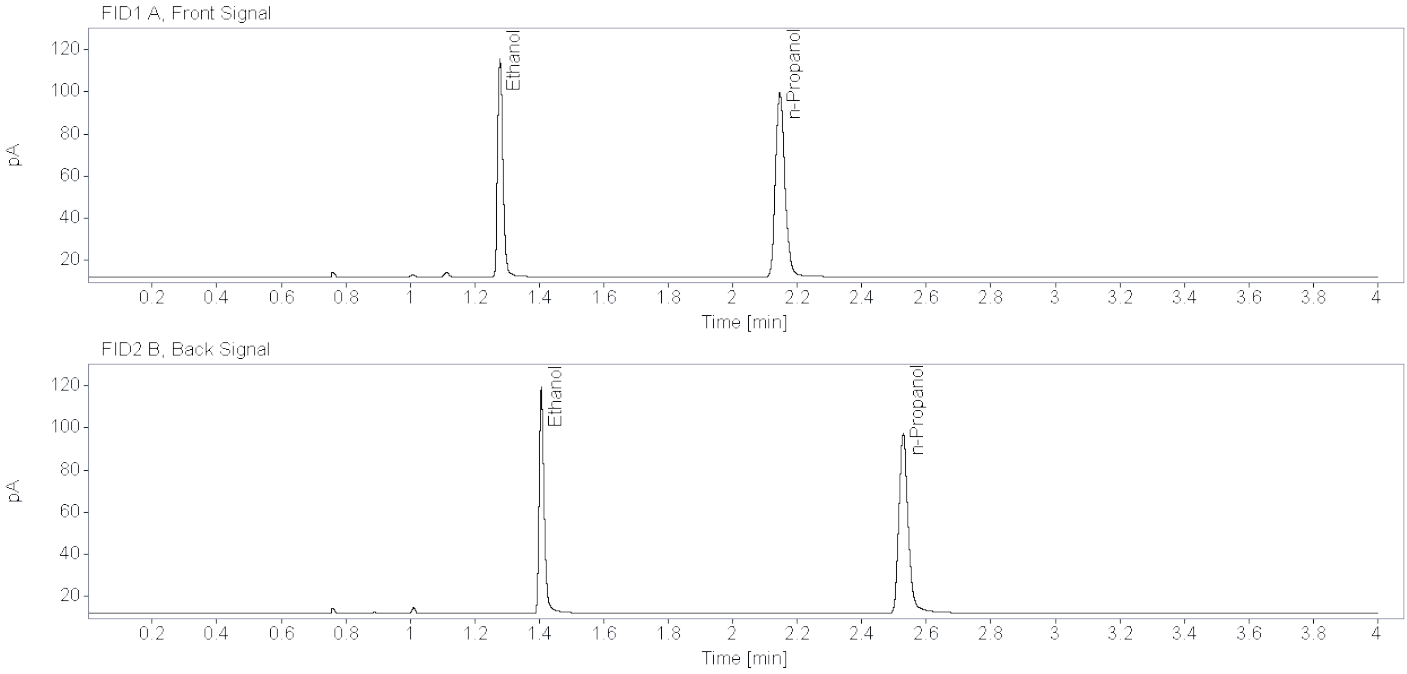
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72609	1.406	1.405	114.1353	0.1174
n-Propanol	0.80128	2.528	2.527	167.0324	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0949 001_001 (25-0885) **Description:** Alq 2 **Sample Barcode** 25-0885 **Vial Number:** 39

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:14:52 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76679	1.279	1.277	117.3801	0.1190
n-Propanol	0.80052	2.146	2.146	175.9399	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71922	1.407	1.405	114.5380	0.1169
n-Propanol	0.80776	2.528	2.527	168.3706	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0972 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1572	Aliquot 1:	0.1562
	Aliquot 2:	0.1536	Aliquot 2:	0.1520

Reported Result: **0.154** **g/100 mL**

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

Comments:

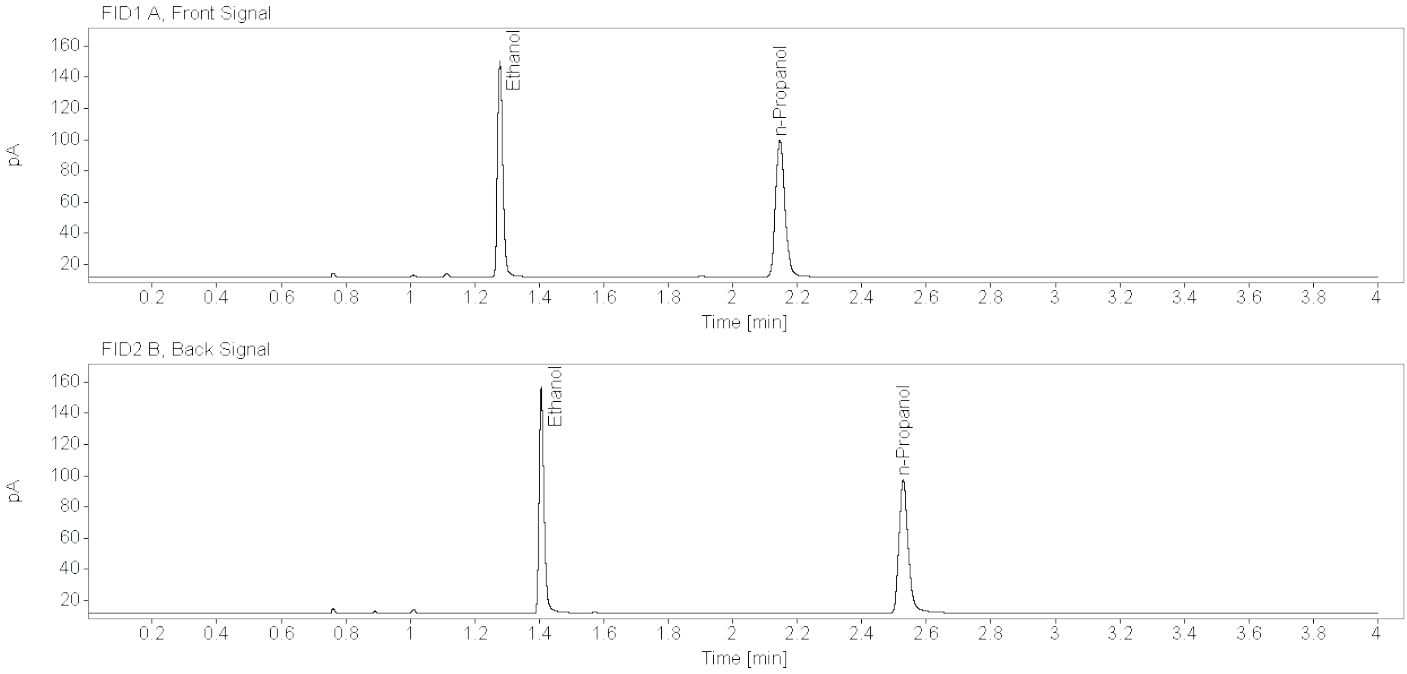
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0972 001_001 (25-0874) **Description:** Alq 1 **Sample Barcode** 25-0874 **Vial Number:** 28

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:17:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77711	1.278	1.277	155.5377	0.1572
n-Propanol	0.80169	2.146	2.146	176.1946	0.0100

Name FID2B

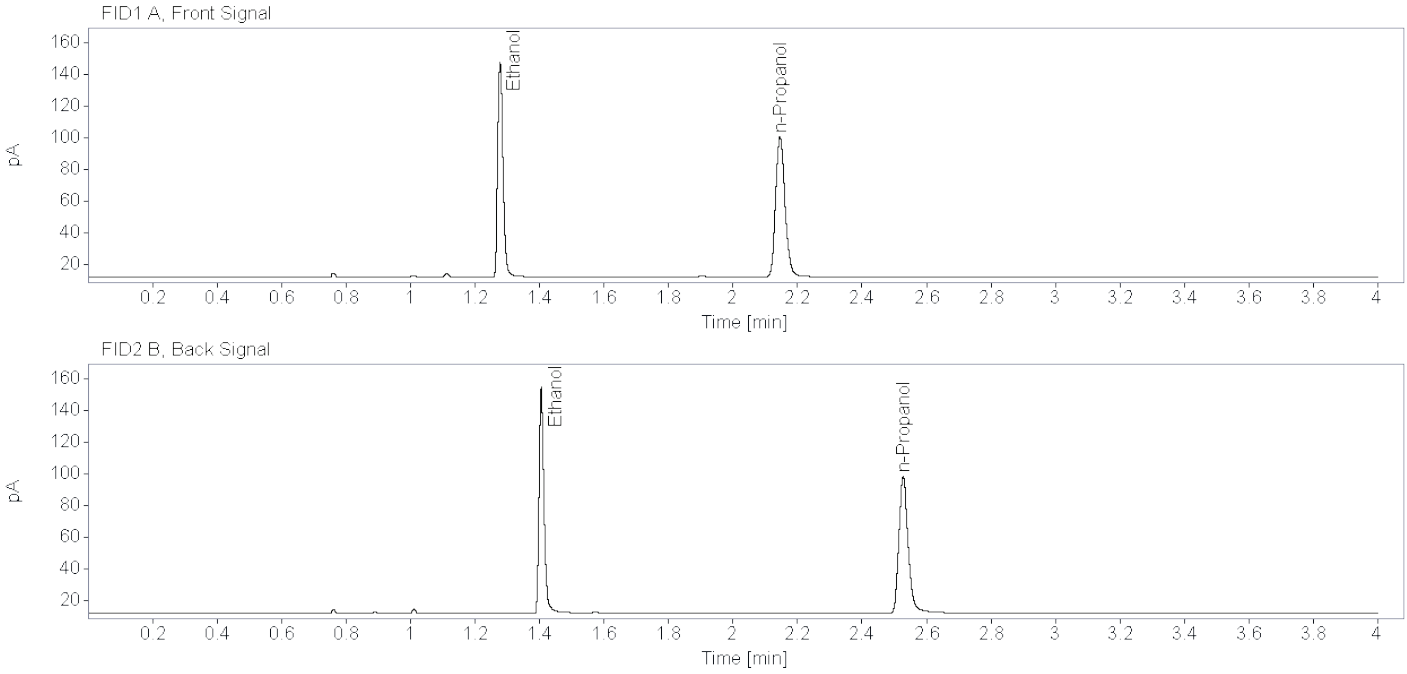
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74235	1.406	1.405	152.8612	0.1562
n-Propanol	0.80008	2.529	2.527	167.7327	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0972 001_001 (25-0884) **Description:** Alq 2 **Sample Barcode** 25-0884 **Vial Number:** 38

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:09:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77127	1.278	1.277	154.0179	0.1536
n-Propanol	0.80373	2.146	2.146	178.5447	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73998	1.405	1.405	151.6156	0.1520
n-Propanol	0.80900	2.528	2.527	170.9927	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0973 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1564	Aliquot 1:	0.1556
	Aliquot 2:	0.1493	Aliquot 2:	0.1489

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

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

Comments:

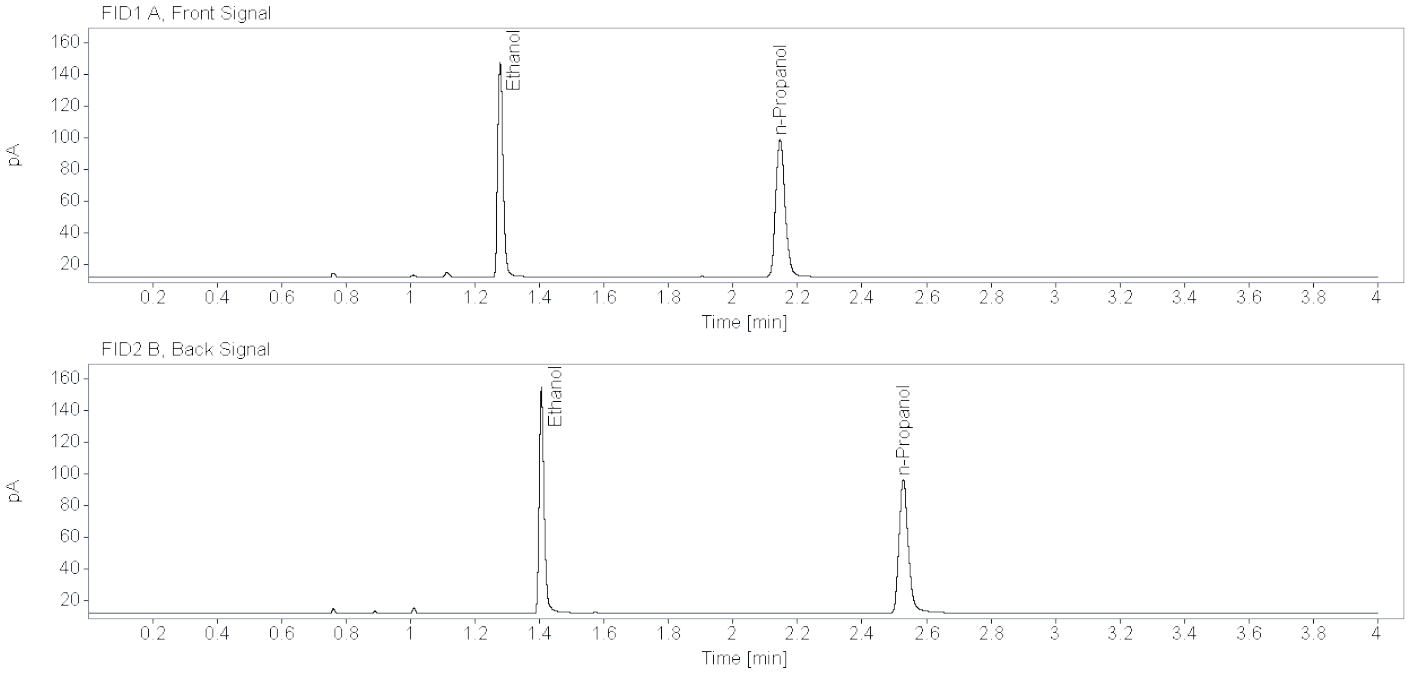
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0973 001_001 (25-0875) **Description:** Alq 1 **Sample Barcode** 25-0875 **Vial Number:** 29

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:22:52 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77528	1.278	1.277	153.4802	0.1564
n-Propanol	0.80475	2.146	2.146	174.7532	0.0100

Name FID2B

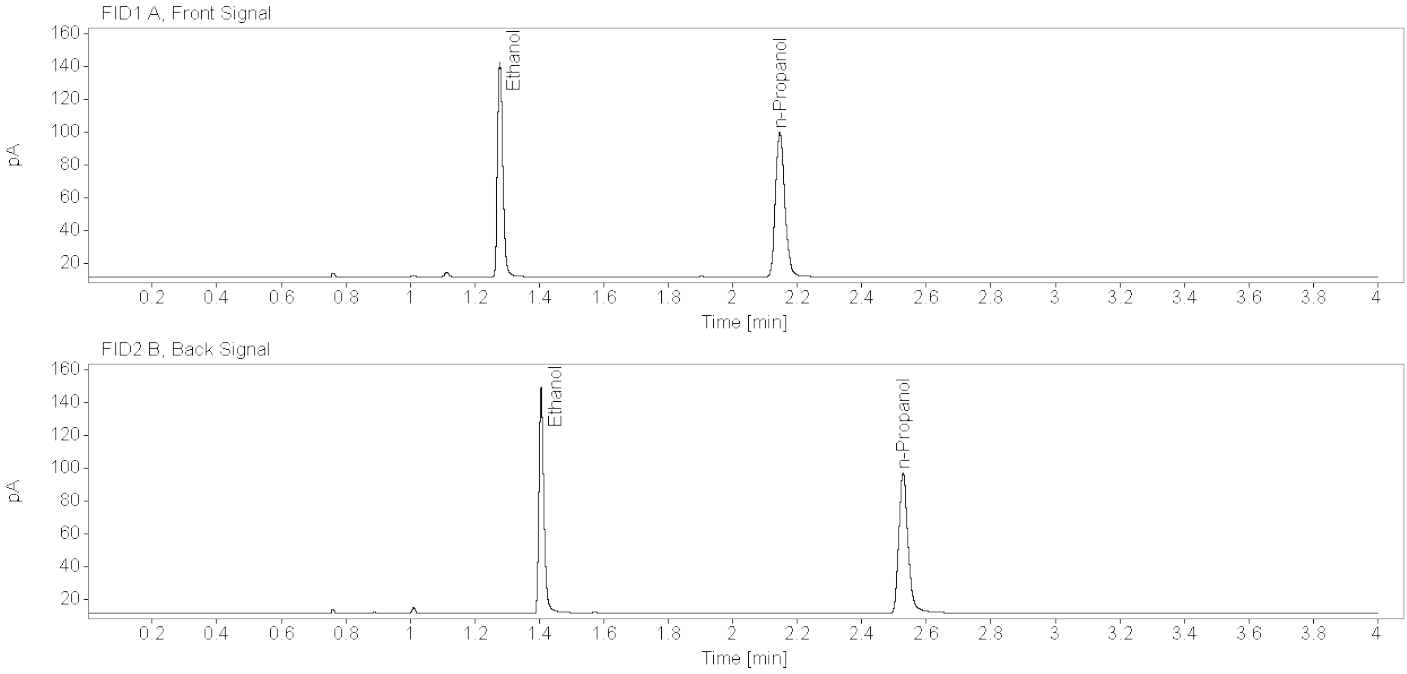
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74377	1.406	1.405	150.9812	0.1556
n-Propanol	0.80244	2.528	2.527	166.2625	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0973 001_001 (25-0883) **Description:** Alq 2 **Sample Barcode** 25-0883 **Vial Number:** 37

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 2:04:28 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76805	1.278	1.277	148.0016	0.1493
n-Propanol	0.80205	2.146	2.146	176.5318	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75109	1.406	1.405	146.5790	0.1489
n-Propanol	0.80994	2.528	2.527	168.7430	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0974 005_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2182	Aliquot 1:	0.2176
	Aliquot 2:	0.2159	Aliquot 2:	0.2160

Reported Result: **0.216** **g/100 mL**

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

Comments:

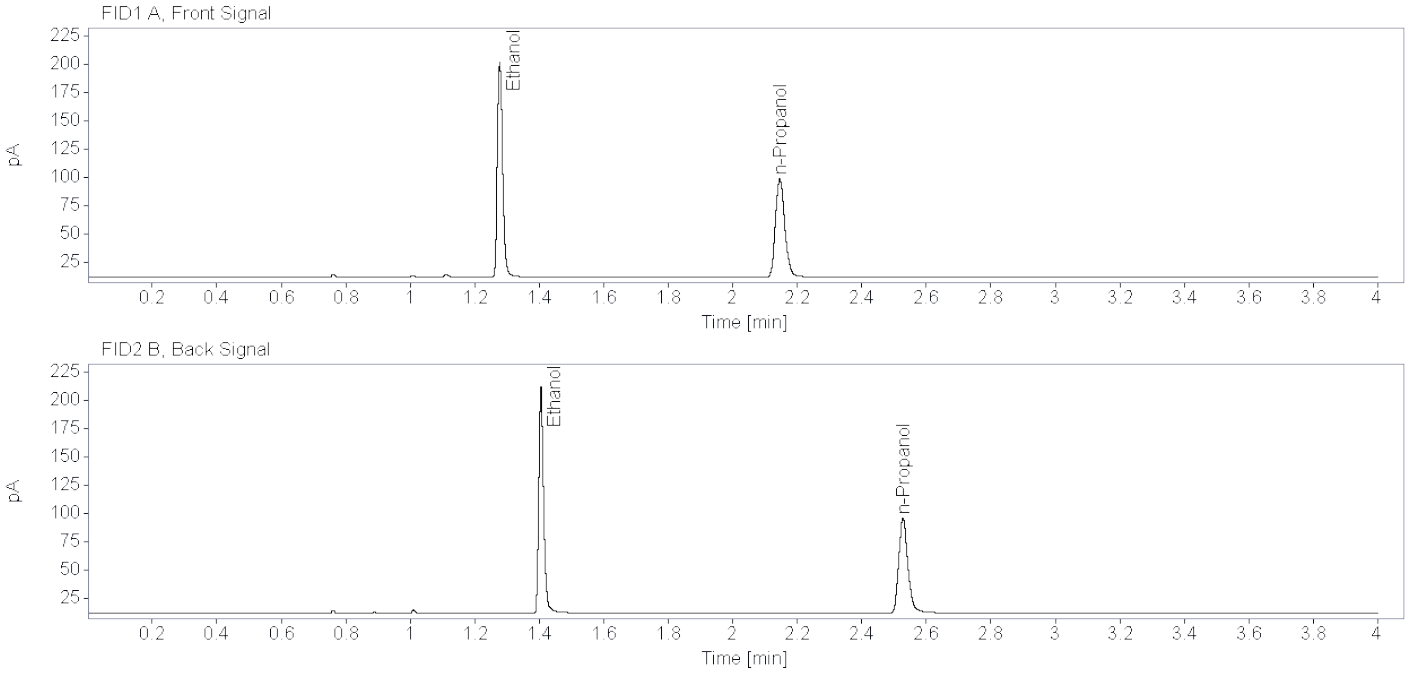
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0974 005_001 (25-0876) **Description:** Alq 1 **Sample Barcode** 25-0876 **Vial Number:** 30

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:27:34 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77877	1.278	1.277	213.0611	0.2182
n-Propanol	0.80123	2.146	2.146	173.6086	0.0100

Name FID2B

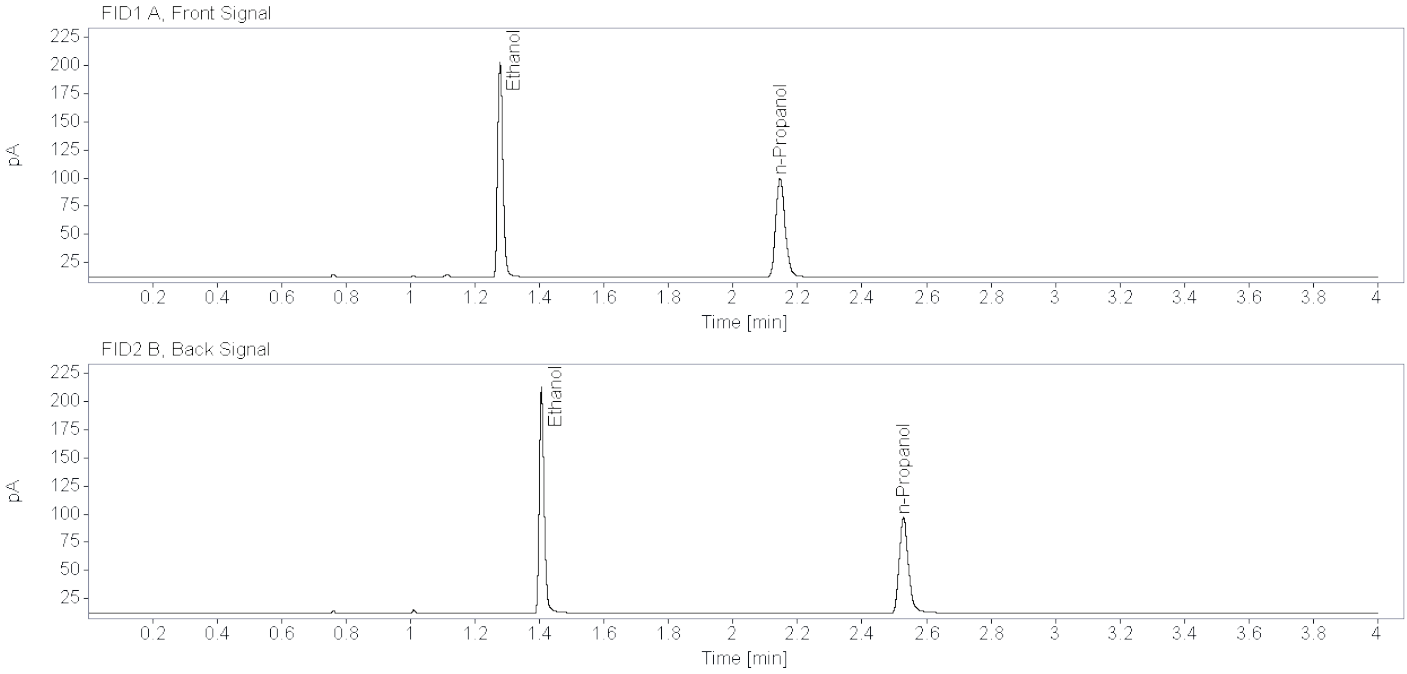
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76867	1.405	1.405	210.8427	0.2176
n-Propanol	0.80400	2.528	2.527	165.6247	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0974 005_001 (25-0882) **Description:** Alq 2 **Sample Barcode** 25-0882 **Vial Number:** 36

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:58:46 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78786	1.278	1.277	213.7505	0.2159
n-Propanol	0.80626	2.146	2.146	176.0427	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76710	1.406	1.405	211.2623	0.2160
n-Propanol	0.80486	2.529	2.527	167.2184	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0975 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2584	Aliquot 1:	0.2590
	Aliquot 2:	0.2509	Aliquot 2:	0.2511

Reported Result: **0.254** **g/100 mL**

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

Comments:

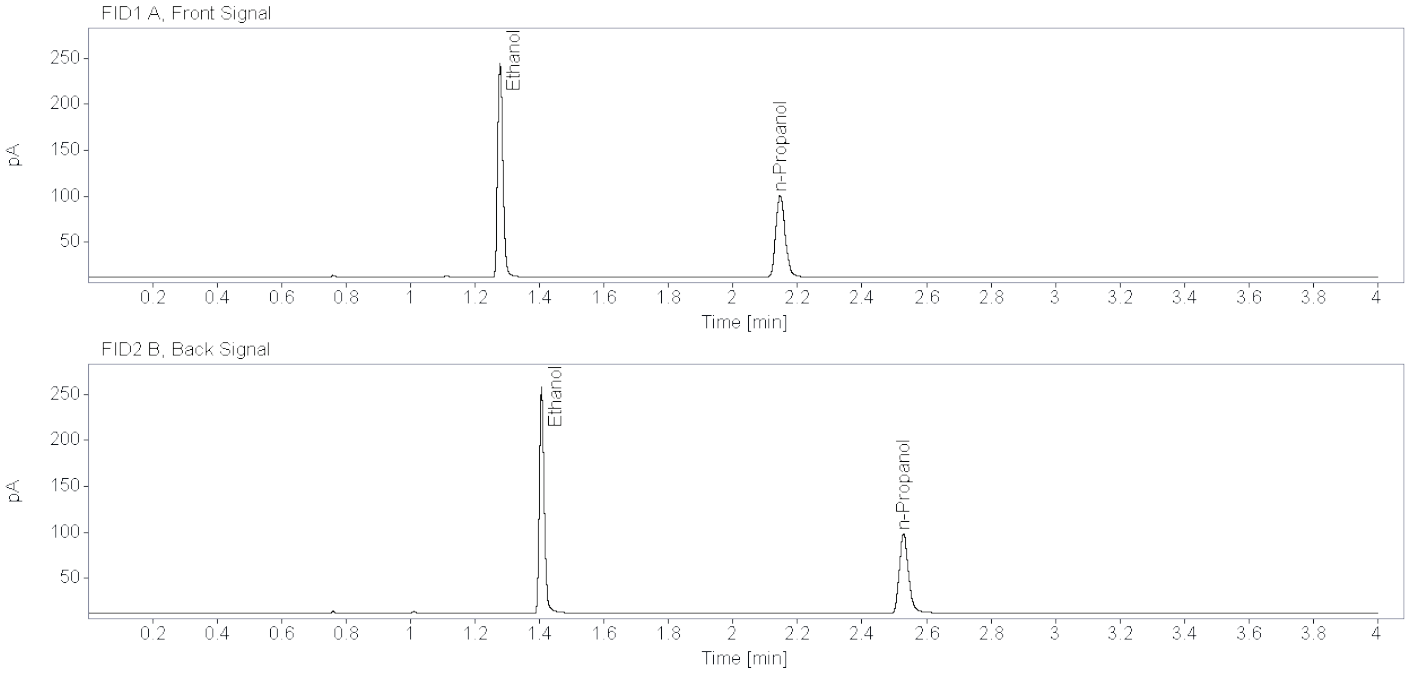
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0975 001_001 (25-0877) **Description:** Alq 1 **Sample Barcode** 25-0877 **Vial Number:** 31

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:33:15 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79354	1.278	1.277	260.1590	0.2584
n-Propanol	0.80992	2.146	2.146	178.9171	0.0100

Name FID2B

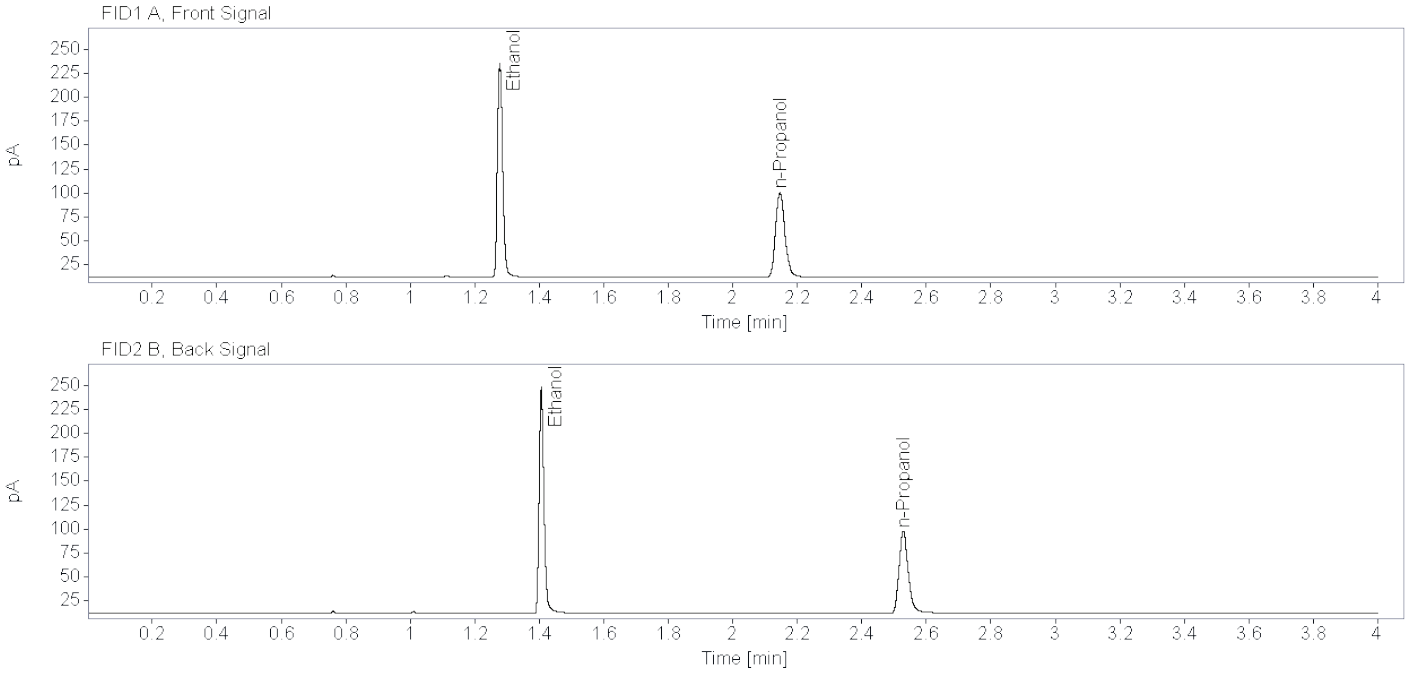
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78955	1.406	1.405	257.6821	0.2590
n-Propanol	0.80816	2.529	2.527	169.9051	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0975 001_001 (25-0881) **Description:** Alq 2 **Sample Barcode** 25-0881 **Vial Number:** 35

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:54:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79218	1.278	1.277	250.0228	0.2509
n-Propanol	0.80337	2.146	2.146	177.0953	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77191	1.407	1.405	247.1620	0.2511
n-Propanol	0.80341	2.529	2.527	168.1457	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0976 001_001

Batch Name: BAC_20250529_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2706	Aliquot 1:	0.2715
	Aliquot 2:	0.2693	Aliquot 2:	0.2692

Reported Result: **0.270** **g/100 mL**

Reported UM: **0.044** **g/100 mL**

Comments:

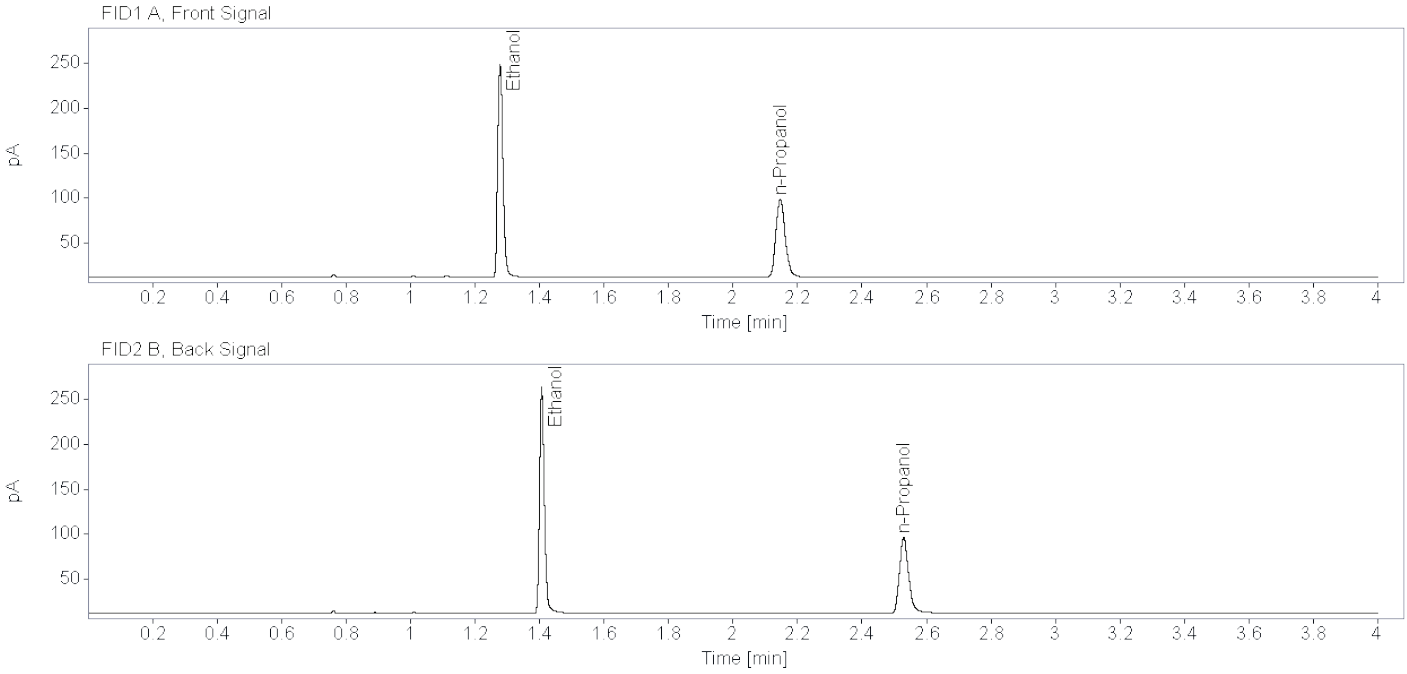
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0976 001_001 (25-0878) **Description:** Alq 1 **Sample Barcode** 25-0878 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:37:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79365	1.278	1.277	265.3864	0.2706
n-Propanol	0.80852	2.146	2.146	174.2711	0.0100

Name FID2B

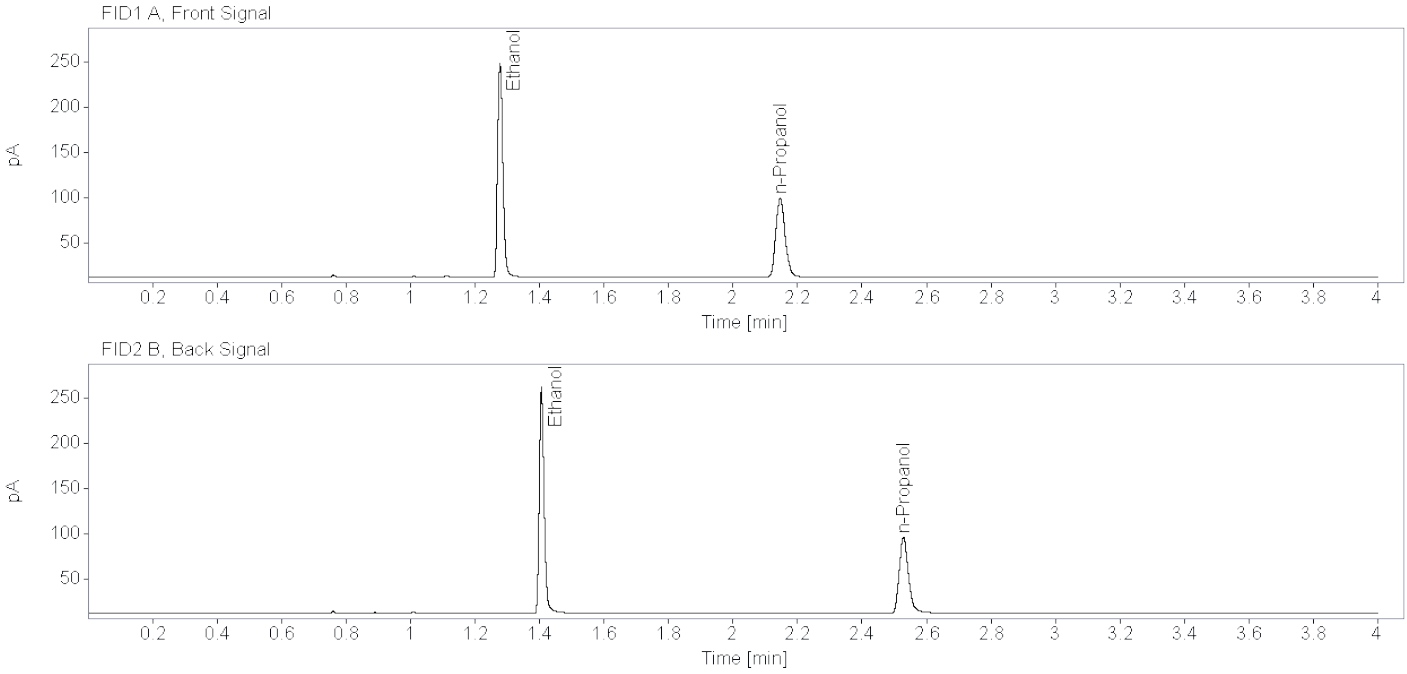
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79947	1.407	1.405	262.9930	0.2715
n-Propanol	0.79386	2.529	2.527	165.4317	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0976 001_001 (25-0880) **Description:** Alq 2 **Sample Barcode** 25-0880 **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/29/2025 1:48:23 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250529_MH 2025-05-29 10-47-16\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79800	1.278	1.277	265.5836	0.2693
n-Propanol	0.81136	2.146	2.146	175.2501	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78046	1.406	1.405	262.3124	0.2692
n-Propanol	0.80245	2.529	2.527	166.3751	0.0100