Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20241217_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	145	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.12.26 08:52:03 -06'00'

Date: 12/26/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.01.13 12:28:38 -06'00'

Date: 1/13/2025

Batch Name: BAC_20241217_MH

Technical Review Notes

-N/A -KB 1/13/2025

BAC Summary Worksheet

Batch Name:	BAC_20241217_MH
Instrument:	BAC-2
Analyst:	Melissa Henry
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		177.4503	176.4818
Acceptance Range	**Min**	159.7053	158.8336
	Max	195.1953	194.1299

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0104	0.0104	0.0104	4.00	0.00	0.00	177.5623	176.8434
0.025 g/100mL Calibrator	0.0247	0.0248	0.0247	-1.20	0.00	0.40	178.0004	177.1464
0.050 g/100mL Calibrator	0.0489	0.0490	0.0489	-2.20	0.00	0.20	178.9422	177.8587
0.100 g/100mL Calibrator	0.0992	0.0985	0.0988	-1.20	0.40	-0.30	176.3897	174.9315
0.200 g/100mL Calibrator	0.1987	0.1986	0.1986	-0.70	0.05	0.00	176.1675	175.3794
0.400 g/100mL Calibrator	0.4004	0.4001	0.4002	0.05	0.05	-0.02	179.2366	178.4954
0.500 g/100mL Calibrator	0.5027	0.5037	0.5032	0.64	-0.10	0.10	175.8535	174.7175

		Target	Acceptance Range Min	Acceptance Range Max
Calibrators	**Level 1**	0.0100	0.0090	0.0110
	Level 2	0.0250	0.0225	0.0275
	Level 3	0.0500	0.0450	0.0550
	Level 4	0.1000	0.0950	0.1050
	Level 5	0.2000	0.1900	0.2100
	Level 6	0.4000	0.3800	0.4200
	Level 7	0.5000	0.4750	0.5250

Controls	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
Negative	0.0000	0.0000	0.0000	-	-	-	177.3580	176.6113
High QC	0.3992	0.3982	0.3987	-0.33	0.13	-0.13	178.3120	177.6948
Low QC	0.0792	0.0788	0.0790	-1.25	0.25	-0.25	179.6761	178.5400
Blood QC A	0.0772	0.0770	0.0771	-2.16	0.13	-0.13	176.8524	176.0950
Blood QC B	0.2005	0.2006	0.2005	4.59	0.00	0.05	174.5137	173.1812
Blood QC A	0.0808	0.0811	0.0809	2.66	-0.12	0.25	175.8809	174.5724
Blood QC B	0.1970	0.1969	0.1969	2.71	0.05	0.00	170.5370	169.6453
Blood QC A	0.0808	0.0819	0.0813	3.17	-0.62	0.74	176.3732	173.7588
Blood QC B	0.1973	0.1985	0.1979	3.23	-0.30	0.30	173.2720	171.0661
Blood QC A	0.0792	0.0794	0.0793	0.63	-0.13	0.13	174.2999	172.5108
High QC	0.4065	0.4092	0.4078	1.95	-0.32	0.34	171.6854	170.0384
Low QC	0.0808	0.0808	0.0808	1.00	0.00	0.00	174.8305	173.2351
DI Water	0.0000	0.0000	0.0000	-	-	-	180.5457	179.0619

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

	Lab Number	Ethanol Obtained Value Alq1 FID1	Ethanol Obtained Value Alq1 FID2	Ethanol Obtained Value Alq2 FID1	Ethanol Obtained Value Alq2 FID2	Result	UM	% Difference FID & Average Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	BCCL-23-1360 001	0.2286	0.2278	0.2357	0.2366	0.232	0.038	-1.54	-1.88	1.52	1.91	179.3029	178.6807	176.2854	174.5087
2	**BCCL-24-2069 001_001**	0.0766	0.0764	0.0800	0.0804	0.078	0.013	-2.23	-2.49	2.11	2.62	176.0480	174.9906	172.6998	171.0703
3	BCCL-24-2071 001_001	0.1918	0.1912	0.1957	0.1976	0.194	0.031	-1.17	-1.48	0.84	1.82	181.6995	181.0191	170.7116	168.2851
4	BCCL-24-2244 001_001	0.1050	0.1051	0.1064	0.1073	0.105	0.017	-0.90	-0.80	0.42	1.27	179.0055	177.9270	173.8369	171.4696
5	BCCL-24-2245 001_001	0.1681	0.1677	0.1785	0.1793	0.173	0.028	-3.06	-3.29	2.94	3.40	181.7061	181.1191	177.8954	176.0712
6	BCCL-24-2246 001_001	0.1823	0.1828	0.1865	0.1881	0.184	0.030	-1.42	-1.15	0.85	1.72	173.3697	172.0415	172.3300	169.7443
7	BCCL-24-2247 001_001	0.3528	0.3534	0.3551	0.3576	0.354	0.057	-0.54	-0.37	0.11	0.81	179.9281	178.5827	179.3927	177.3127
8	BCCL-24-2248 001_001	0.2213	0.2213	0.2295	0.2312	0.225	0.036	-2.00	-2.00	1.63	2.38	174.9066	173.8032	178.9735	176.6784
9	BCCL-24-2249 001_001	0.1695	0.1696	0.1722	0.1732	0.171	0.028	-0.95	-0.89	0.63	1.21	178.5019	176.7495	178.0408	175.8502
10	**BCCL-24-2262 001_001**	0.0887	0.0886	0.0917	0.0925	0.090	0.015	-1.85	-1.96	1.47	2.35	173.0811	171.6769	171.9136	169.4811
11	BCCL-24-2279 001_001	0.1543	0.1543	0.1620	0.1627	0.158	0.026	-2.54	-2.54	2.32	2.76	172.7661	171.2562	176.1849	174.1574
12	BCCL-24-2280 001_001	0.2898	0.2898	0.2830	0.2854	0.287	0.046	0.98	0.98	-1.39	-0.56	171.7290	170.4334	170.2842	168.1349
13	BCCL-24-2281 001_001	0.1696	0.1692	0.1753	0.1771	0.172	0.028	-1.85	-2.08	1.45	2.49	174.5238	173.3505	175.9460	173.6649
14	BCCL-24-2282 001_001	0.2848	0.2856	0.2918	0.2936	0.288	0.047	-1.44	-1.16	0.99	1.61	174.6609	173.1280	171.9771	170.3154
15	BCCL-24-2286 001_001	0.1765	0.1765	0.1745	0.1756	0.175	0.028	0.41	0.41	-0.73	-0.10	173.9263	172.3256	169.6681	167.9576
16	BCCL-24-2290 001_001	0.2185	0.2200	0.2277	0.2298	0.224	0.036	-2.46	-1.79	1.65	2.59	177.0525	175.0869	170.2052	168.0505
17	BCCL-24-2291 001_001	0.1747	0.1749	0.1796	0.1822	0.177	0.029	-1.77	-1.66	0.98	2.45	180.6483	179.6877	171.3363	168.7335
18	BCCL-24-2293 001_001	0.1701	0.1706	0.1801	0.1818	0.175	0.028	-3.16	-2.88	2.53	3.50	175.1914	174.1476	175.7504	173.4079
19	BCCL-24-2294 001_001	0.2044	0.2054	0.1981	0.1991	0.201	0.033	1.31	1.81	-1.81	-1.31	173.2345	171.4693	177.7531	175.6555
20	**BCCL-24-2298 002_001**	0.0912	0.0917	0.0930	0.0931	0.092	0.015	-1.14	-0.60	0.81	0.92	177.7134	175.6193	176.8013	175.3337
21	BCCL-24-2299 001_001	0.1985	0.1998	0.1967	0.1978	0.198	0.032	0.15	0.81	-0.76	-0.20	170.4062	168.1416	179.9422	177.2901
22	BCCL-24-2300 001_001	0.1526	0.1532	0.1503	0.1510	0.151	0.024	0.54	0.94	-0.97	-0.51	175.3777	173.3673	172.9729	170.5863
23	BCCL-24-2302 001_001	0.2787	0.2797	0.2745	0.2766	0.277	0.045	0.48	0.84	-1.04	-0.28	173.0593	171.2869	174.5962	172.1295
24	BCCL-24-2312 001_001	0.2778	0.2791	0.2775	0.2797	0.278	0.045	-0.26	0.21	-0.37	0.42	175.3013	173.6655	173.0667	170.6102
25	BCCL-24-2320 001_001	0.1344	0.1348	0.1391	0.1400	0.137	0.022	-1.95	-1.66	1.48	2.13	172.1902	170.7244	169.0221	166.6547
26	BCCL-24-2321 001_001	0.1694	0.1703	0.1747	0.1758	0.172	0.028	-1.83	-1.30	1.25	1.88	176.3297	174.6481	176.0925	174.4002
27	BCCL-24-2323 001_001	0.1921	0.1938	0.2012	0.2031	0.197	0.032	-2.76	-1.90	1.85	2.81	170.6516	168.6572	167.9118	165.7978
28	BCCL-24-2343 001_001	0.1343	0.1356	0.1324	0.1330	0.133	0.022	0.35	1.33	-1.06	-0.62	178.0519	176.5110	174.3547	172.9155
29	BCCL-24-2353 001_001	0.3430	0.3432	0.3410	0.3447	0.342	0.055	0.01	0.07	-0.58	0.50	171.8000	170.8493	180.5345	177.9200
30	**BCCL-24-2362 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	172.7676	171.0493	174.4583	172.4965

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.12.23 10:06:51 -06'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC_20241217_MH **Analyst:** Melissa Henry **Instrument:** BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008N
Cal 2	FN03122112	3/31/2026	S-23-5009C
Cal 3	FN03172301	3/31/2028	S-23-5010F
Cal 4	FN03072301	3/31/2028	S-23-5011F
Cal 5	FN03132302	3/31/2028	S-23-5012E
Cal 6	FN03052102	3/31/2026	S-23-5013D
Cal 7	FN06262004	7/31/2025	S-23-5014G
High QC	30012020-A	1/31/2025	S-23-5015H
Low QC	517757	6/21/2025	S-24-5001H
Blood QC A	2401241	2/28/2028	S-24-5002E
Blood QC B	2302120	5/31/2027	S-24-5003E
Internal Standard	N/A	3/4/2025	R-24-5006
Pipette(s)	5053, 205L		

Comments:

nwh

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC_20241217_MH

Worklist ID: B6VCAXYKC5HMX7

Case #	Evid #	Evid Type	Service
BCCL-23-1360	001	Blood	Alcohol
BCCL-24-2069	001_001	Blood	Alcohol
BCCL-24-2071	001_001	Blood	Alcohol
BCCL-24-2244	001_001	Blood	Alcohol
BCCL-24-2245	001_001	Blood	Alcohol
BCCL-24-2246	001_001	Blood	Alcohol
BCCL-24-2247	001_001	Blood	Alcohol
BCCL-24-2248	001_001	Blood	Alcohol
BCCL-24-2249	001_001	Blood	Alcohol
BCCL-24-2262	001_001	Blood	Alcohol
BCCL-24-2279	001_001	Blood	Alcohol
BCCL-24-2280	001_001	Blood	Alcohol
BCCL-24-2281	001_001	Blood	Alcohol

BAC_20241217_MH

Case #	Evid #	Evid Type	Service
BCCL-24-2282	001_001	Blood	Alcohol
BCCL-24-2286	001_001	Blood	Alcohol
BCCL-24-2290	001_001	Blood	Alcohol
BCCL-24-2291	001_001	Blood	Alcohol
BCCL-24-2293	001_001	Blood	Alcohol
BCCL-24-2294	001_001	Blood	Alcohol
BCCL-24-2298	002_001	Blood	Alcohol
BCCL-24-2299	001_001	Blood	Alcohol
BCCL-24-2300	001_001	Blood	Alcohol
BCCL-24-2302	001_001	Blood	Alcohol
BCCL-24-2312	001_001	Blood	Alcohol
BCCL-24-2320	001_001	Blood	Alcohol
BCCL-24-2321	001_001	Blood	Alcohol
BCCL-24-2323	001_001	Blood	Alcohol
BCCL-24-2343	001_001	Blood	Alcohol

BAC_20241217_MH

Case #	Evid #	Evid Type	Service
BCCL-24-2353	001_001	Blood	Alcohol
BCCL-24-2362	001_001	Blood	Alcohol

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2024\BAC_20241217_MH.S
Operator : Melissa Henry
Data File Naming : Auto
Data Directory : C:\Chem32\2\Data\
Data Subdirectory : 2024
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\", "shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE: verified by KB 12/17/2024

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-2616)
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 (24-2617)
Method Name : BAC
Sample Type : Calibration

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

==========

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-2618)
Method Name : BAC
Sample Type : Calibration

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

---

mh

```
Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (24-2619)
Method Name         : BAC
Sample Type         : Calibration
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace

Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (24-2620)
Method Name         : BAC
Sample Type         : Calibration
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace

Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (24-2621)
Method Name         : BAC
Sample Type         : Calibration
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace

Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (24-2622)
Method Name         : BAC
Sample Type         : Calibration
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace

Line                : 8
Location            : 8
```

Sample Information :
Sample Name : Negative (24-2623)
Method Name : BAC
Sample Type : Sample

==========

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-2624)
Method Name : BAC
Sample Type : Sample

==========

Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (24-2625)
Method Name : BAC
Sample Type : Sample

==========

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-2626)
Method Name : BAC
Sample Type : Sample

==========

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-23-1360 001 (24-2627)
Method Name : BAC
Sample Type : Sample

==========

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-2069 001_001 (24-2628)
Method Name : BAC
Sample Type : Sample

==========

Line : 14
Location : 14

Sample Information : Alq 1
Sample Name : BCCL-24-2071 001_001 (24-2629)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-2244 001_001 (24-2630)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-24-2245 001_001 (24-2631)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-2246 001_001 (24-2632)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-2247 001_001 (24-2633)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-2248 001_001 (24-2634)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20

Sample Information : Alq 1
Sample Name : BCCL-24-2249 001_001 (24-2635)
Method Name : BAC
Sample Type : Sample

==========

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-2262 001_001 (24-2636)
Method Name : BAC
Sample Type : Sample

==========

Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (24-2637)
Method Name : BAC
Sample Type : Sample

==========

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-2279 001_001 (24-2638)
Method Name : BAC
Sample Type : Sample

==========

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-2280 001_001 (24-2639)
Method Name : BAC
Sample Type : Sample

==========

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-2281 001_001 (24-2640)
Method Name : BAC
Sample Type : Sample

==========

Line : 26
Location : 26

Sample Information : Alq 1
Sample Name : BCCL-24-2282 001_001 (24-2641)
Method Name : BAC
Sample Type : Sample

==========

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-2286 001_001 (24-2642)
Method Name : BAC
Sample Type : Sample

==========

Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-24-2290 001_001 (24-2643)
Method Name : BAC
Sample Type : Sample

==========

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-2291 001_001 (24-2644)
Method Name : BAC
Sample Type : Sample

==========

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-2293 001_001 (24-2645)
Method Name : BAC
Sample Type : Sample

==========

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-2294 001_001 (24-2646)
Method Name : BAC
Sample Type : Sample

==========

Line : 32
Location : 32

mh

Sample Information : Alq 1
Sample Name : BCCL-24-2298 002_001 (24-2647)
Method Name : BAC
Sample Type : Sample

==========

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-2648)
Method Name : BAC
Sample Type : Sample

==========

Line : 34
Location : 34
Sample Information : Alq 1
Sample Name : BCCL-24-2299 001_001 (24-2649)
Method Name : BAC
Sample Type : Sample

==========

Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-2300 001_001 (24-2650)
Method Name : BAC
Sample Type : Sample

==========

Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-2302 001_001 (24-2651)
Method Name : BAC
Sample Type : Sample

==========

Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-24-2312 001_001 (24-2652)
Method Name : BAC
Sample Type : Sample

==========

Line : 38
Location : 38

Sample Information : Alq 1
Sample Name : BCCL-24-2320 001_001 (24-2653)
Method Name : BAC
Sample Type : Sample

==========

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-24-2321 001_001 (24-2654)
Method Name : BAC
Sample Type : Sample

==========

Line : 40
Location : 40
Sample Information : Alq 1
Sample Name : BCCL-24-2323 001_001 (24-2655)
Method Name : BAC
Sample Type : Sample

==========

Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-24-2343 001_001 (24-2656)
Method Name : BAC
Sample Type : Sample

==========

Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-24-2353 001_001 (24-2657)
Method Name : BAC
Sample Type : Sample

==========

Line : 43
Location : 43
Sample Information : Alq 1
Sample Name : BCCL-24-2362 001_001 (24-2658)
Method Name : BAC
Sample Type : Sample

==========

Line : 44
Location : 44

Sample Information :
Sample Name : Blood QC B (24-2659)
Method Name : BAC
Sample Type : Sample

==========

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-2362 001_001 (24-2660)
Method Name : BAC
Sample Type : Sample

==========

Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-24-2353 001_001 (24-2661)
Method Name : BAC
Sample Type : Sample

==========

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-2343 001_001 (24-2662)
Method Name : BAC
Sample Type : Sample

==========

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-2323 001_001 (24-2663)
Method Name : BAC
Sample Type : Sample

==========

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-2321 001_001 (24-2664)
Method Name : BAC
Sample Type : Sample

==========

Line : 50
Location : 50

Sample Information : Alq 2
Sample Name : BCCL-24-2320 001_001 (24-2665)
Method Name : BAC
Sample Type : Sample

==========

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-2312 001_001 (24-2666)
Method Name : BAC
Sample Type : Sample

==========

Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-24-2302 001_001 (24-2667)
Method Name : BAC
Sample Type : Sample

==========

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-2300 001_001 (24-2668)
Method Name : BAC
Sample Type : Sample

==========

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-2299 001_001 (24-2669)
Method Name : BAC
Sample Type : Sample

==========

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-2670)
Method Name : BAC
Sample Type : Sample

==========

Line : 56
Location : 56

Sample Information : Alq 2
Sample Name : BCCL-24-2298 002_001 (24-2671)
Method Name : BAC
Sample Type : Sample

==========

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-24-2294 001_001 (24-2672)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information : Alq 2
Sample Name : BCCL-24-2293 001_001 (24-2673)
Method Name : BAC
Sample Type : Sample

==========

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-24-2291 001_001 (24-2674)
Method Name : BAC
Sample Type : Sample

==========

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-24-2290 001_001 (24-2675)
Method Name : BAC
Sample Type : Sample

==========

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-24-2286 001_001 (24-2676)
Method Name : BAC
Sample Type : Sample

==========

Line : 62
Location : 62

Sample Information : Alq 2
Sample Name : BCCL-24-2282 001_001 (24-2677)
Method Name : BAC
Sample Type : Sample

==========

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-24-2281 001_001 (24-2678)
Method Name : BAC
Sample Type : Sample

==========

Line : 64
Location : 64
Sample Information : Alq 2
Sample Name : BCCL-24-2280 001_001 (24-2679)
Method Name : BAC
Sample Type : Sample

==========

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-24-2279 001_001 (24-2680)
Method Name : BAC
Sample Type : Sample

==========

Line : 66
Location : 66
Sample Information :
Sample Name : Blood QC B (24-2681)
Method Name : BAC
Sample Type : Sample

==========

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-24-2262 001_001 (24-2682)
Method Name : BAC
Sample Type : Sample

==========

Line : 68
Location : 68

mh

Sample Information : Alq 2
Sample Name : BCCL-24-2249 001_001 (24-2683)
Method Name : BAC
Sample Type : Sample

==========

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-24-2248 001_001 (24-2684)
Method Name : BAC
Sample Type : Sample

==========

Line : 70
Location : 70
Sample Information : Alq 2
Sample Name : BCCL-24-2247 001_001 (24-2685)
Method Name : BAC
Sample Type : Sample

==========

Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-24-2246 001_001 (24-2686)
Method Name : BAC
Sample Type : Sample

==========

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-24-2245 001_001 (24-2687)
Method Name : BAC
Sample Type : Sample

==========

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-24-2244 001_001 (24-2688)
Method Name : BAC
Sample Type : Sample

==========

Line : 74
Location : 74

Sample Information : Alq 2
Sample Name : BCCL-24-2071 001_001 (24-2689)
Method Name : BAC
Sample Type : Sample

==========

Line : 75
Location : 75
Sample Information : Alq 2
Sample Name : BCCL-24-2069 001_001 (24-2690)
Method Name : BAC
Sample Type : Sample

==========

Line : 76
Location : 76
Sample Information : Alq 2
Sample Name : BCCL-23-1360 001 (24-2691)
Method Name : BAC
Sample Type : Sample

==========

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (24-2692)
Method Name : BAC
Sample Type : Sample

==========

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (24-2693)
Method Name : BAC
Sample Type : Sample

==========

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (24-2694)
Method Name : BAC
Sample Type : Sample

==========

Line : 80
Location : 80

Sample Information :
Sample Name : DI Water (24-2695)
Method Name : BAC
Sample Type : Sample

==========

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

==========

Agilent 7890B

==========

GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven
Temperature

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

Front SS Inlet He

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

Column
Column #1
Pressure

Setpoint	On
(Initial)	24 psi
Post Run	24 psi

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

Column lock	Unlocked
In	Front SS Inlet He
Out	Front Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	6.9952 mL/min
Average Velocity	80.325 cm/sec
Holdup Time	0.62247 min

Column #2
Pressure

Setpoint	On

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

(Initial)	24 psi
Post Run	24 psi

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

Column lock	Unlocked
In	Front SS Inlet He
Out	Back Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	7.1019 mL/min
Average Velocity	80.935 cm/sec
Holdup Time	0.61778 min

Column Outlet Pressure	0 psi

Front Detector FID

Makeup	N2
	Signal is modified by Column Compensation Curve #2
Heater	On 250 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Does not affect Makeup or Fuel Flow
Flame	On
Electrometer	On

Back Detector FID

Makeup	N2
	Signal is modified by Column Compensation Curve #2
Heater	On 250 °C
H2 Flow	On 30 mL/min
Air Flow	On 400 mL/min
Makeup Flow	On 25 mL/min
Carrier Gas Flow Correction	Does not affect Makeup or Fuel Flow
Flame	On
Electrometer	On

Signals
Signal #1: Front Signal

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

Signal #2: Back Signal

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

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

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

==========

Agilent 7697A

==========

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

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

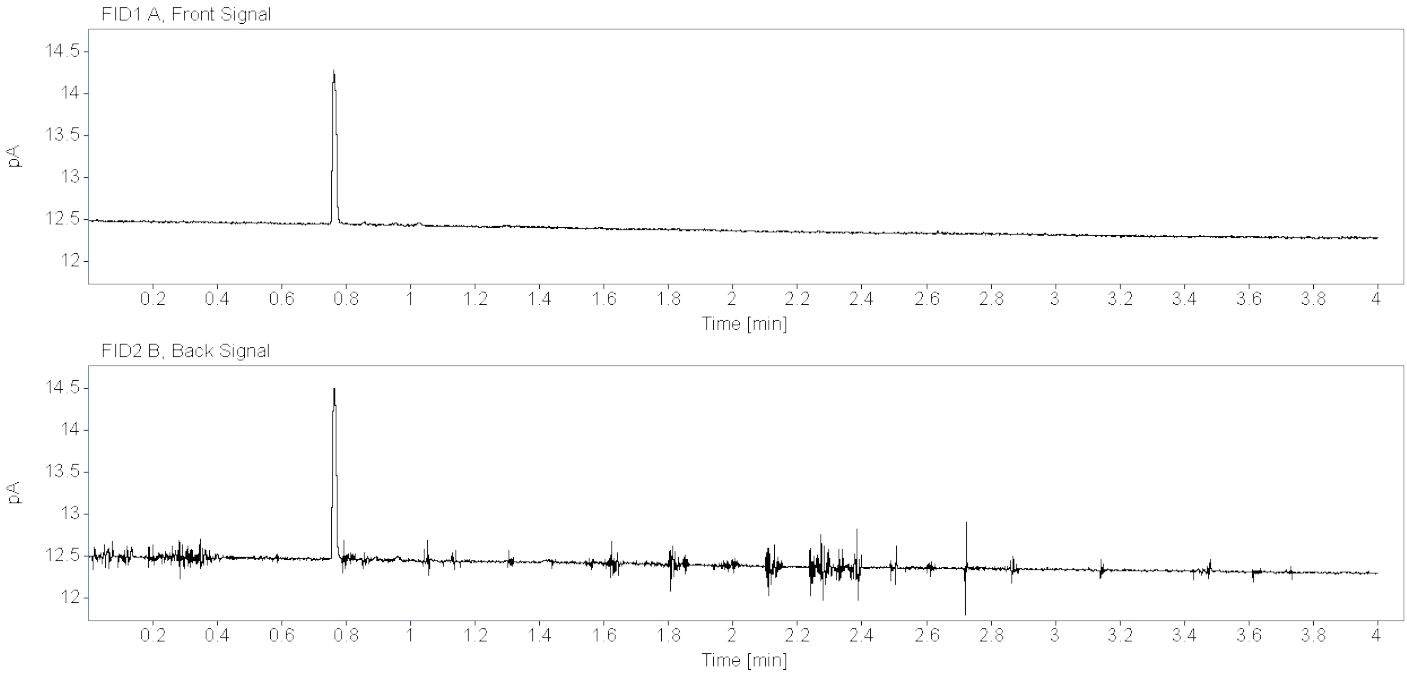
Detector Default Integration Event Table "Event_uECD"

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

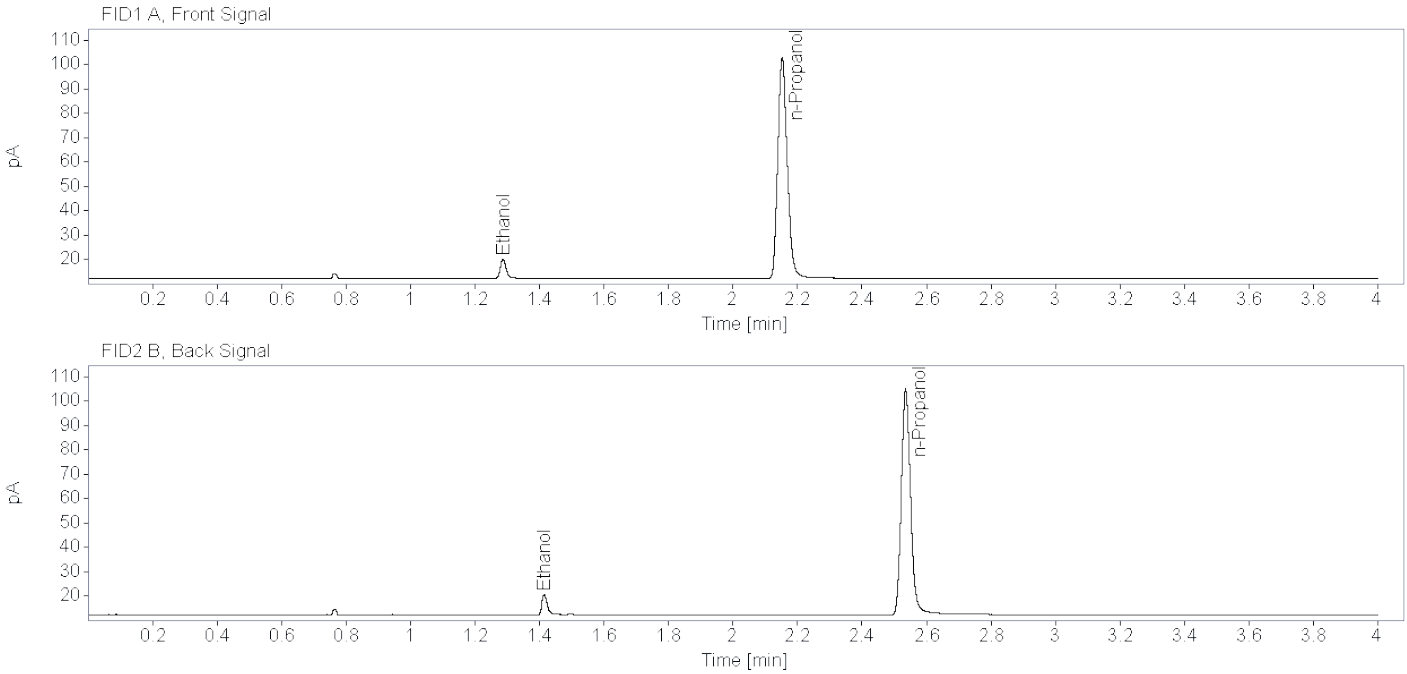
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 9:27:34 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241217PC_MH 2024-12-17 09-17-37\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:** 12/17/2024 9:32:16 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241217PC_MH 2024-12-17 09-17-37\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74186	1.286	1.287	9.5805	0.0116
n-Propanol	0.80219	2.152	2.154	182.3236	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.67988	1.415	1.416	9.5177	0.0119
n-Propanol	0.82790	2.535	2.538	181.7711	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 12/18/2024 8:50:29 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
1.281	1	1	1.00000e-2	9.35090	1.06942e-3	No	No	1	Ethanol
		2	2.50000e-2	23.78820	1.05094e-3				
		3	5.00000e-2	48.40858	1.03287e-3				
		4	1.00000e-1	97.81927	1.02229e-3				
		5	2.00000e-1	196.81613	1.01618e-3				
		6	4.00000e-1	404.61771	9.88587e-4				
		7	5.00000e-1	498.63974	1.00273e-3				
1.410	2	1	1.00000e-2	9.18225	1.08906e-3	No	No	2	Ethanol
		2	2.50000e-2	23.83254	1.04899e-3				
		3	5.00000e-2	48.76343	1.02536e-3				
		4	1.00000e-1	97.94843	1.02095e-3				
		5	2.00000e-1	199.32176	1.00340e-3				
		6	4.00000e-1	410.24878	9.75018e-4				
		7	5.00000e-1	505.93616	9.88267e-4				
2.152	1	1	1.00000e-2	177.56229	5.63183e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	178.00037	5.61797e-5				
		3	1.00000e-2	178.94223	5.58840e-5				
		4	1.00000e-2	176.38968	5.66927e-5				
		5	1.00000e-2	176.16751	5.67642e-5				
		6	1.00000e-2	179.23657	5.57922e-5				
		7	1.00000e-2	175.85352	5.68655e-5				
2.535	2	1	1.00000e-2	176.84338	5.65472e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	177.14638	5.64505e-5				
		3	1.00000e-2	177.85872	5.62244e-5				
		4	1.00000e-2	174.93146	5.71652e-5				
		5	1.00000e-2	175.37939	5.70192e-5				
		6	1.00000e-2	178.49539	5.60239e-5				
		7	1.00000e-2	174.71751	5.72352e-5				

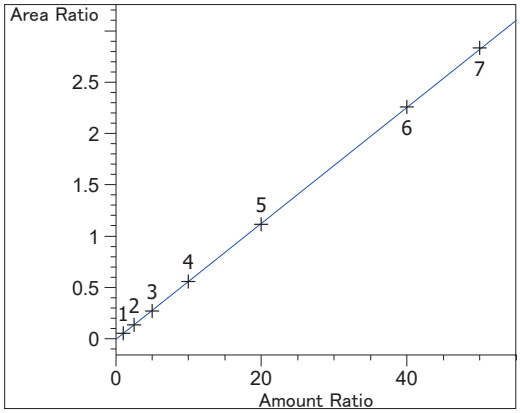
Peak Sum Table

No Entries in table

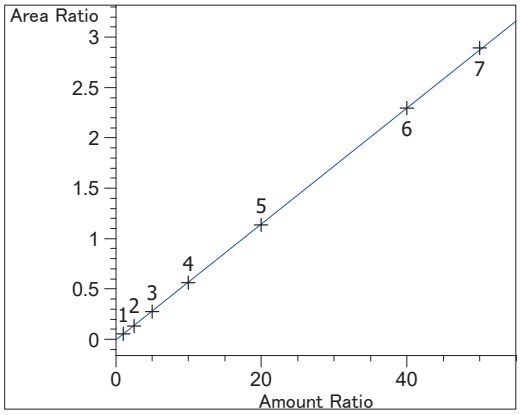
1 Warnings or Errors :

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

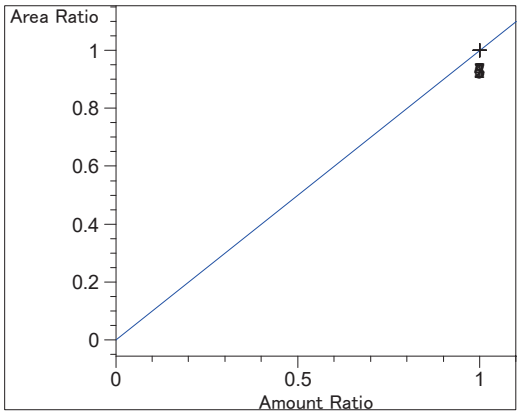
Calibration Curves



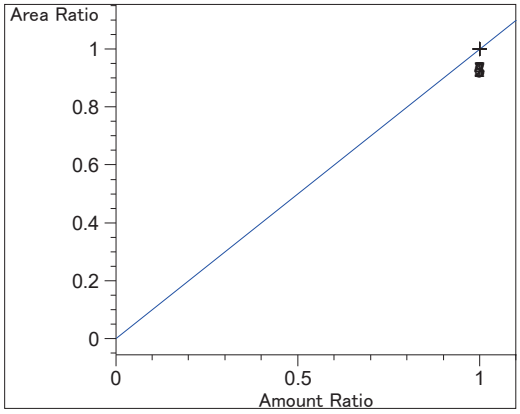
Ethanol at exp. RT: 1.281
FID1 A, Front Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00843
Formula: y = mx + b
m: 5.65282e-2
b: -6.10005e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.39406
Level 3 : 0.194667
Level 4 : 0.094962
Level 5 : 0.047138
Level 6 : 0.023328
Level 7 : 0.018572



Ethanol at exp. RT: 1.410
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.01137
Formula: y = mx + b
m: 5.76470e-2
b: -8.15136e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.385942
Level 3 : 0.189383
Level 4 : 0.092732
Level 5 : 0.045686
Level 6 : 0.022591
Level 7 : 0.017931



n-Propanol at exp. RT: 2.152
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

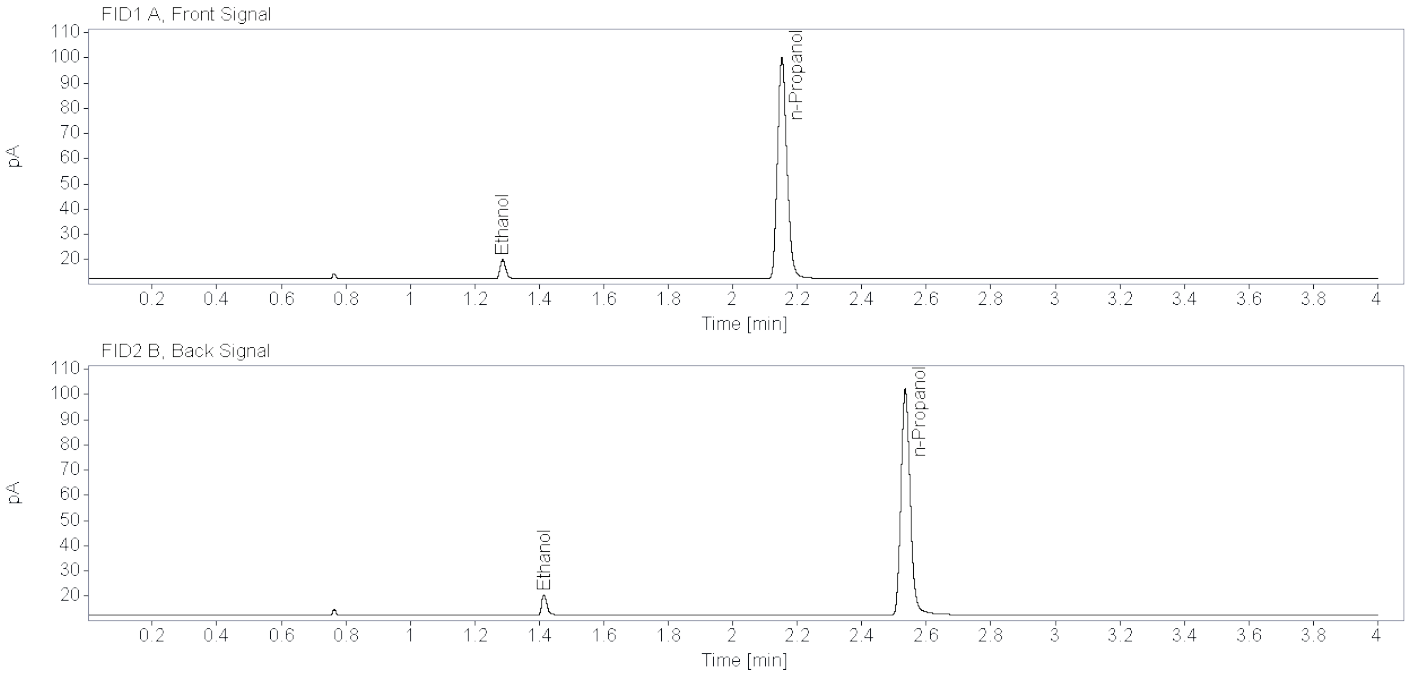


n-Propanol at exp. RT: 2.535
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-2616) **Description:** **Sample Barcode** 24-2616 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 1:23:54 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\001F0101.D



Name FID1A

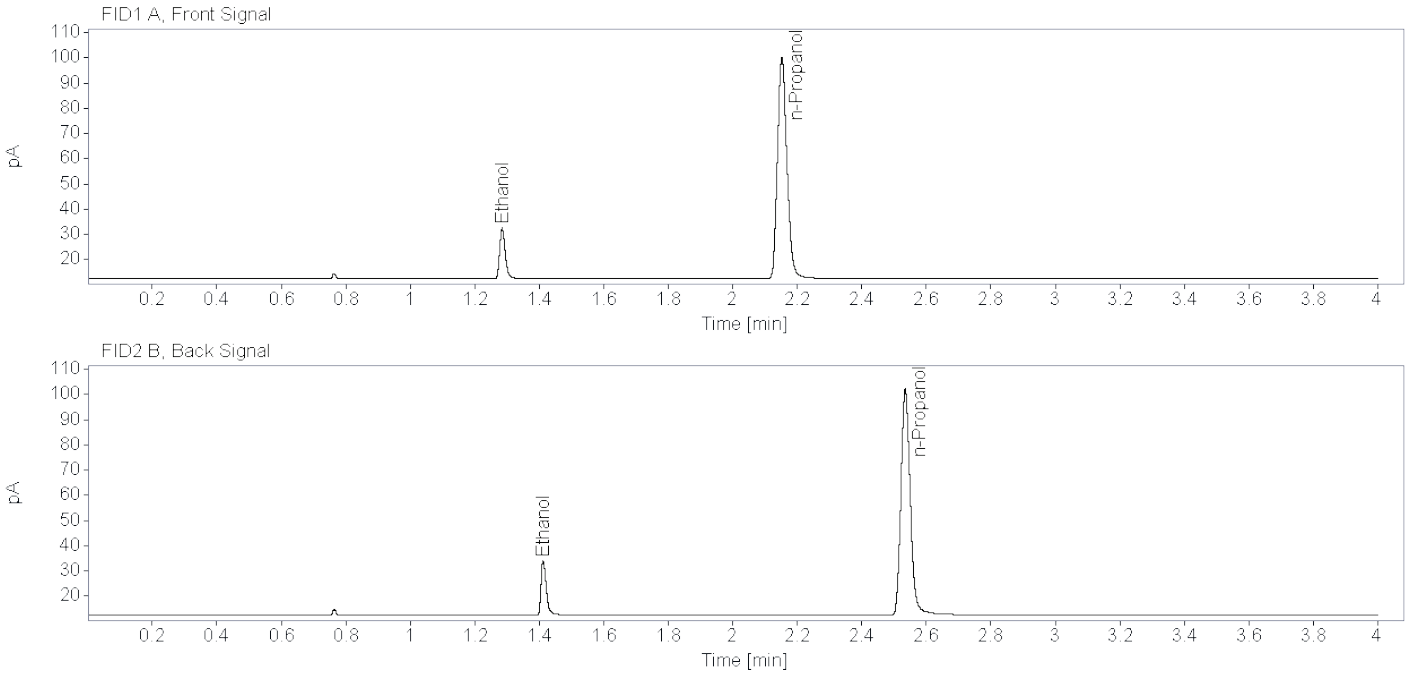
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73920	1.286	1.286	9.3509	0.0104
n-Propanol	0.80870	2.152	2.152	177.5623	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68761	1.414	1.414	9.1823	0.0104
n-Propanol	0.84362	2.535	2.535	176.8434	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-2617) **Description:** **Sample Barcode** 24-2617 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 1:28:37 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\002F0201.D



Name FID1A

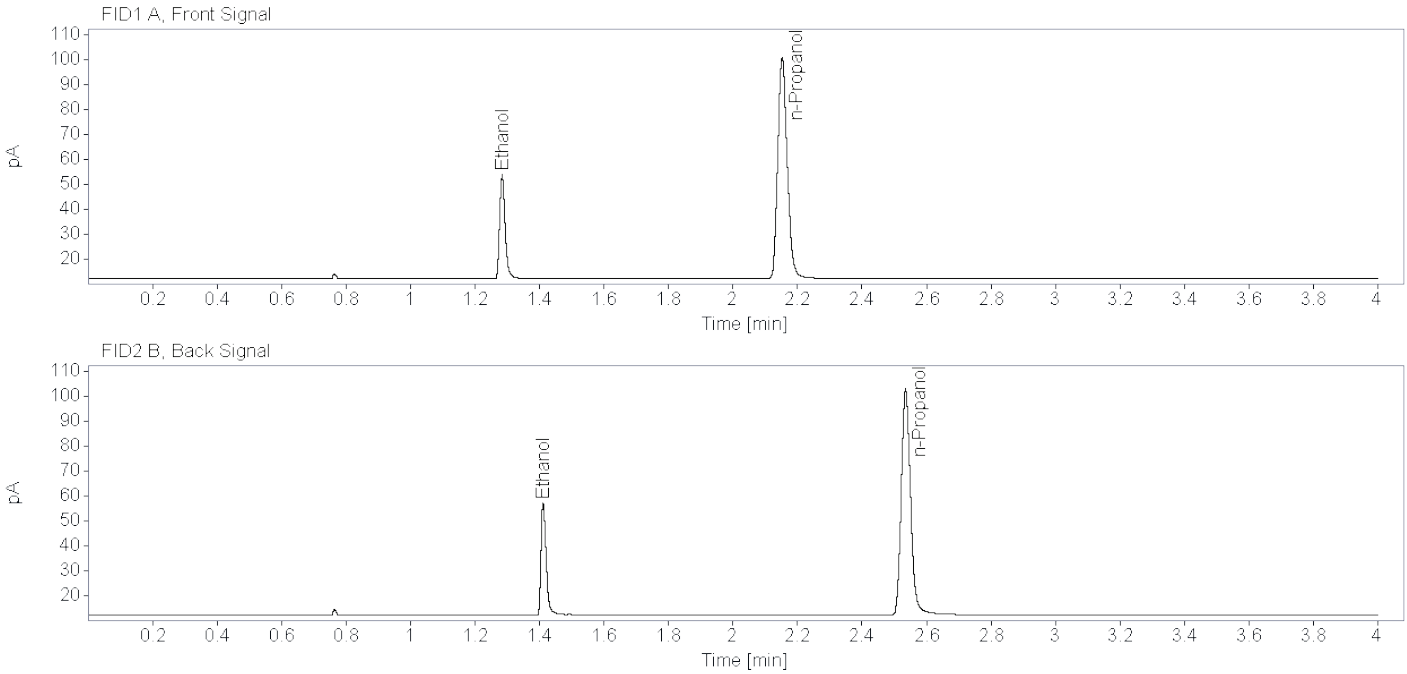
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72404	1.285	1.285	23.7882	0.0247
n-Propanol	0.80391	2.152	2.152	178.0004	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68956	1.412	1.412	23.8325	0.0248
n-Propanol	0.83635	2.535	2.535	177.1464	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-2618) **Description:** **Sample Barcode** 24-2618 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 1:34:18 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\003F0301.D



Name FID1A

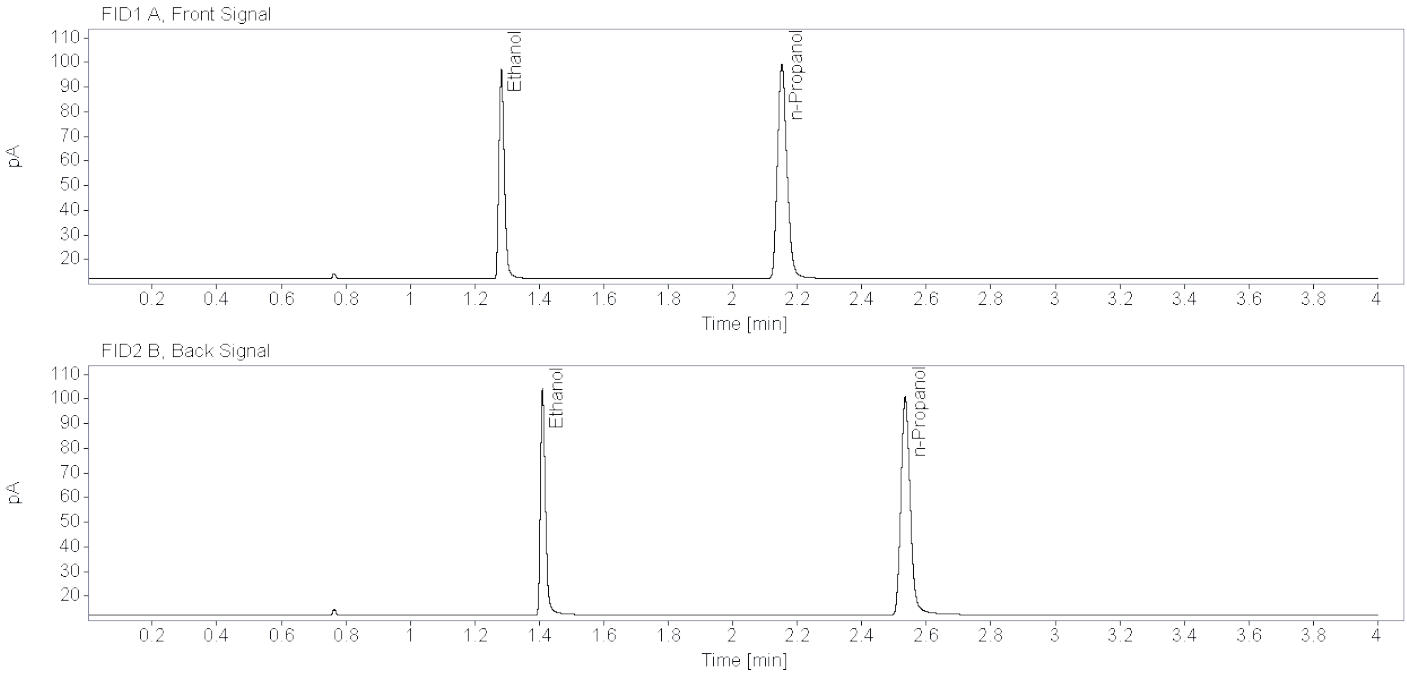
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72539	1.284	1.284	48.4086	0.0489
n-Propanol	0.79829	2.152	2.152	178.9422	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70493	1.412	1.412	48.7634	0.0490
n-Propanol	0.83316	2.535	2.535	177.8587	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-2619) **Description:** **Sample Barcode** 24-2619 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 1:39:01 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\004F0401.D



Name FID1A

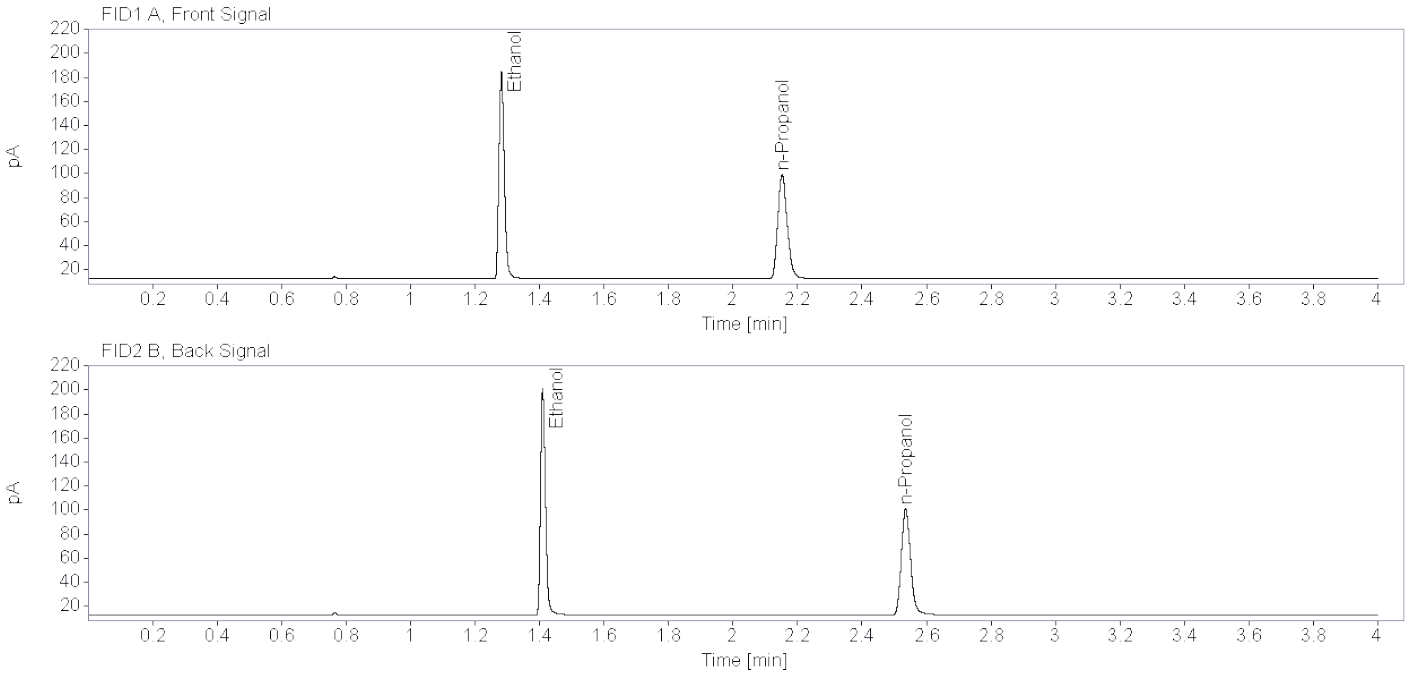
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75891	1.283	1.283	97.8193	0.0992
n-Propanol	0.79928	2.152	2.152	176.3897	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71672	1.410	1.410	97.9484	0.0985
n-Propanol	0.82949	2.535	2.535	174.9315	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-2620) **Description:** **Sample Barcode** 24-2620 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 1:44:42 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\005F0501.D



Name FID1A

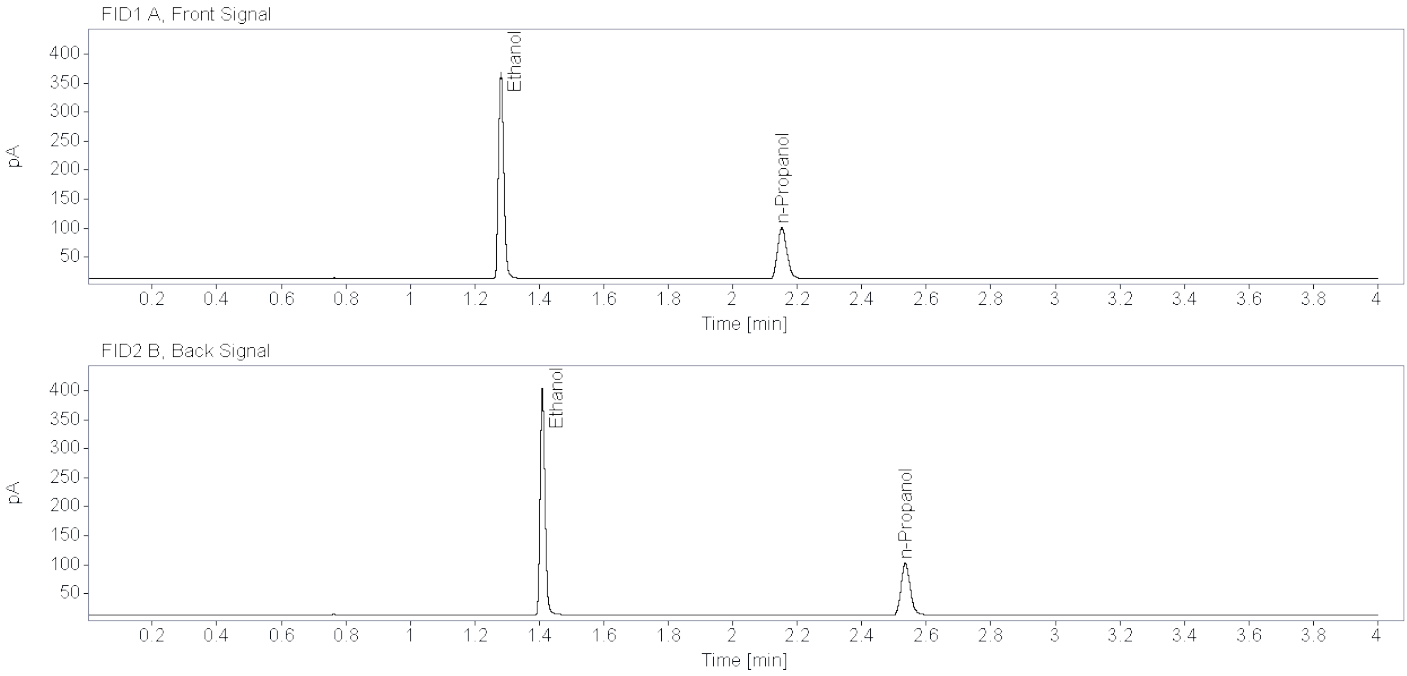
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78283	1.282	1.282	196.8161	0.1987
n-Propanol	0.79453	2.152	2.152	176.1675	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78313	1.410	1.410	199.3218	0.1986
n-Propanol	0.81874	2.535	2.535	175.3794	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-2621) **Description:** **Sample Barcode** 24-2621 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 1:49:26 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\006F0601.D



Name FID1A

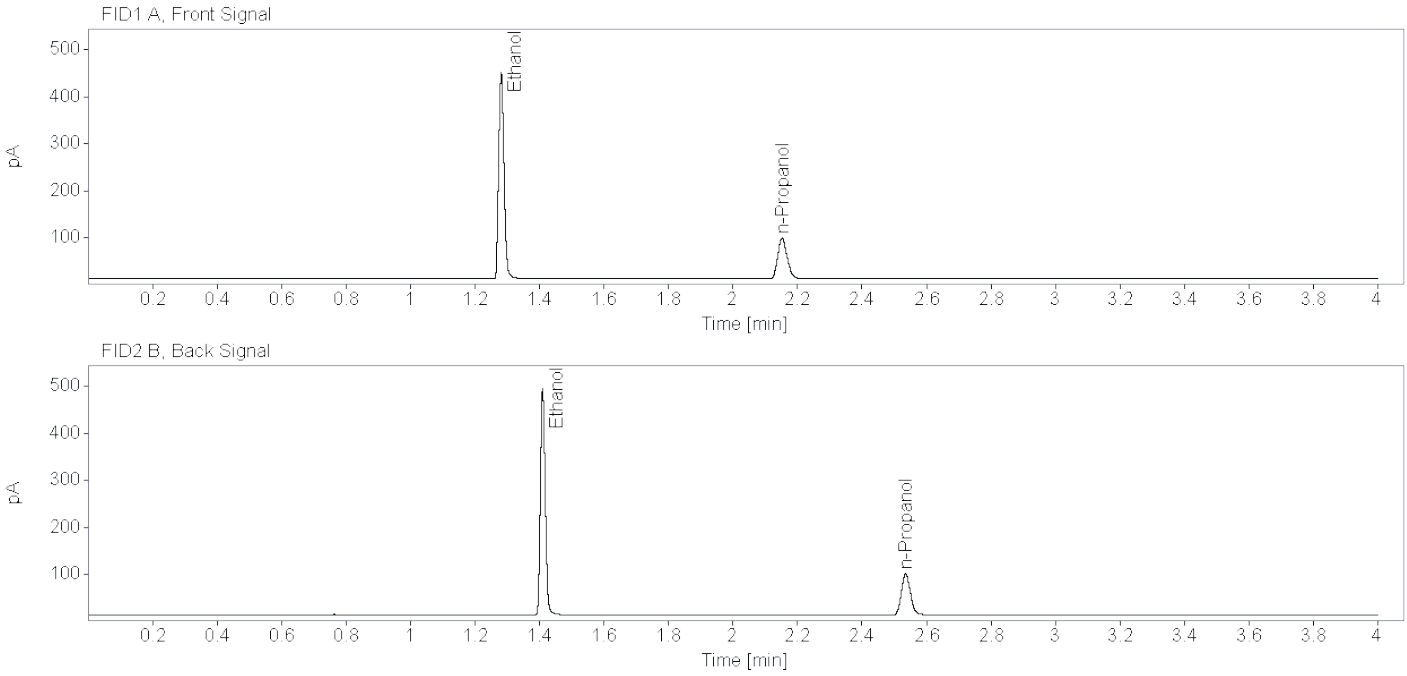
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79976	1.282	1.282	404.6177	0.4004
n-Propanol	0.80063	2.152	2.152	179.2366	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81292	1.410	1.410	410.2488	0.4001
n-Propanol	0.83316	2.535	2.535	178.4954	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-2622) **Description:** **Sample Barcode** 24-2622 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 1:55:06 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\007F0701.D



Name FID1A

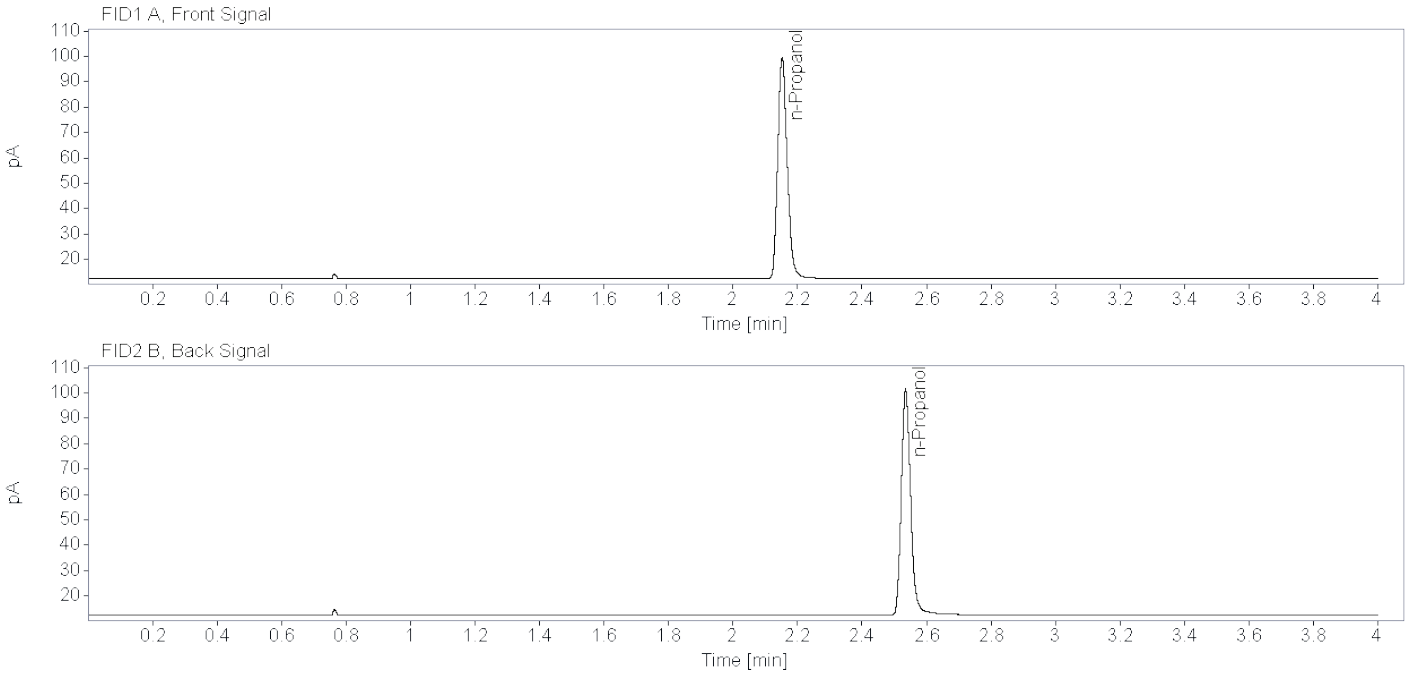
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81170	1.281	1.281	498.6397	0.5027
n-Propanol	0.79492	2.152	2.152	175.8535	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84751	1.410	1.410	505.9362	0.5037
n-Propanol	0.83003	2.535	2.535	174.7175	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-2623) **Description:** **Sample Barcode** 24-2623 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 1:59:50 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\008F0801.D



Name FID1A

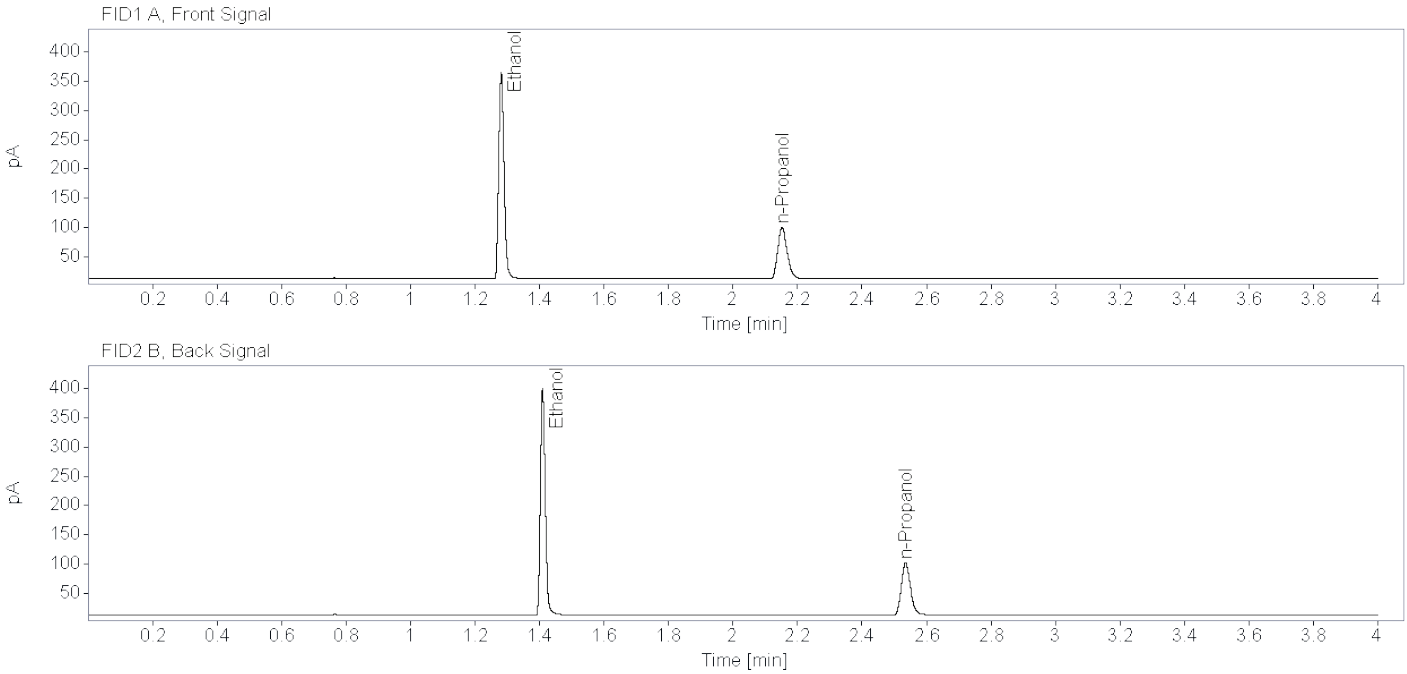
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79738	2.152	2.152	177.3580	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81495	2.535	2.535	176.6113	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-2624) **Description:** **Sample Barcode** 24-2624 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:05:31 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\009F0901.D



Name FID1A

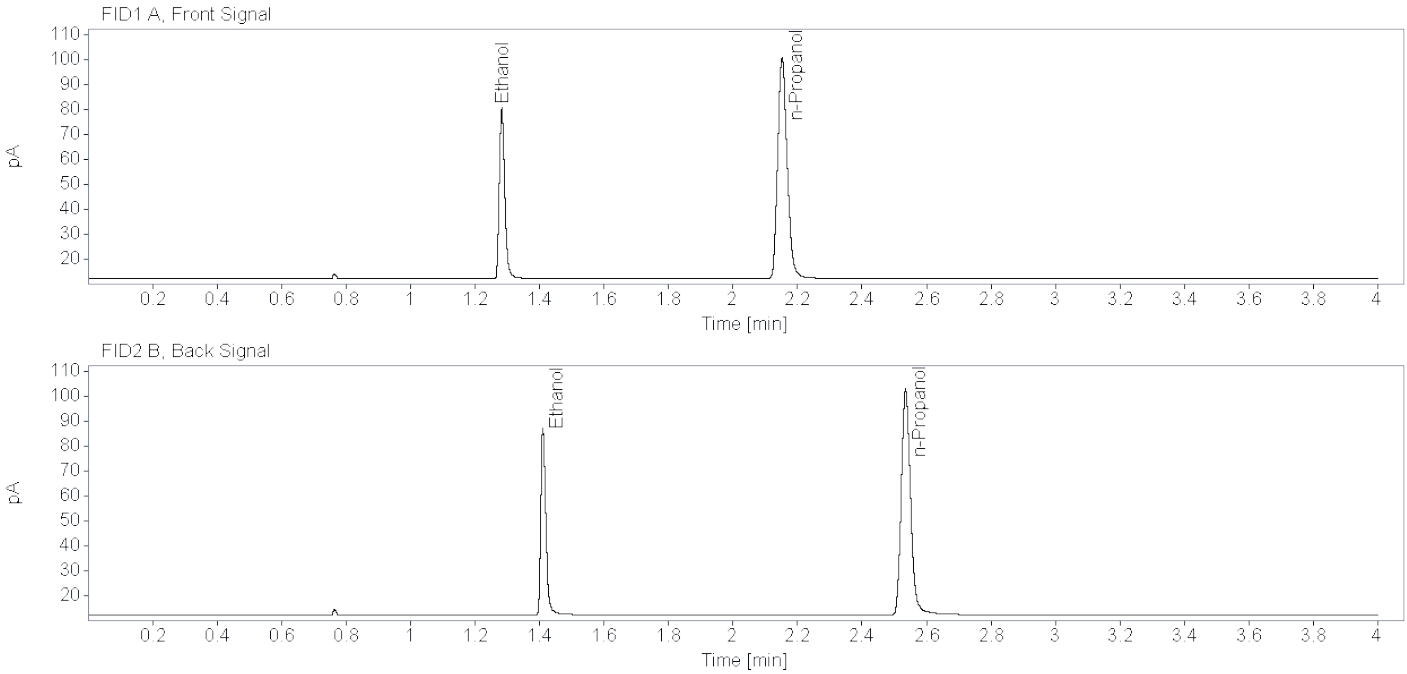
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80150	1.281	1.281	401.2847	0.3992
n-Propanol	0.79303	2.152	2.152	178.3120	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81906	1.410	1.410	406.4808	0.3982
n-Propanol	0.82461	2.535	2.535	177.6948	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-2625) **Description:** **Sample Barcode** 24-2625 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:10:13 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\010F1001.D



Name FID1A

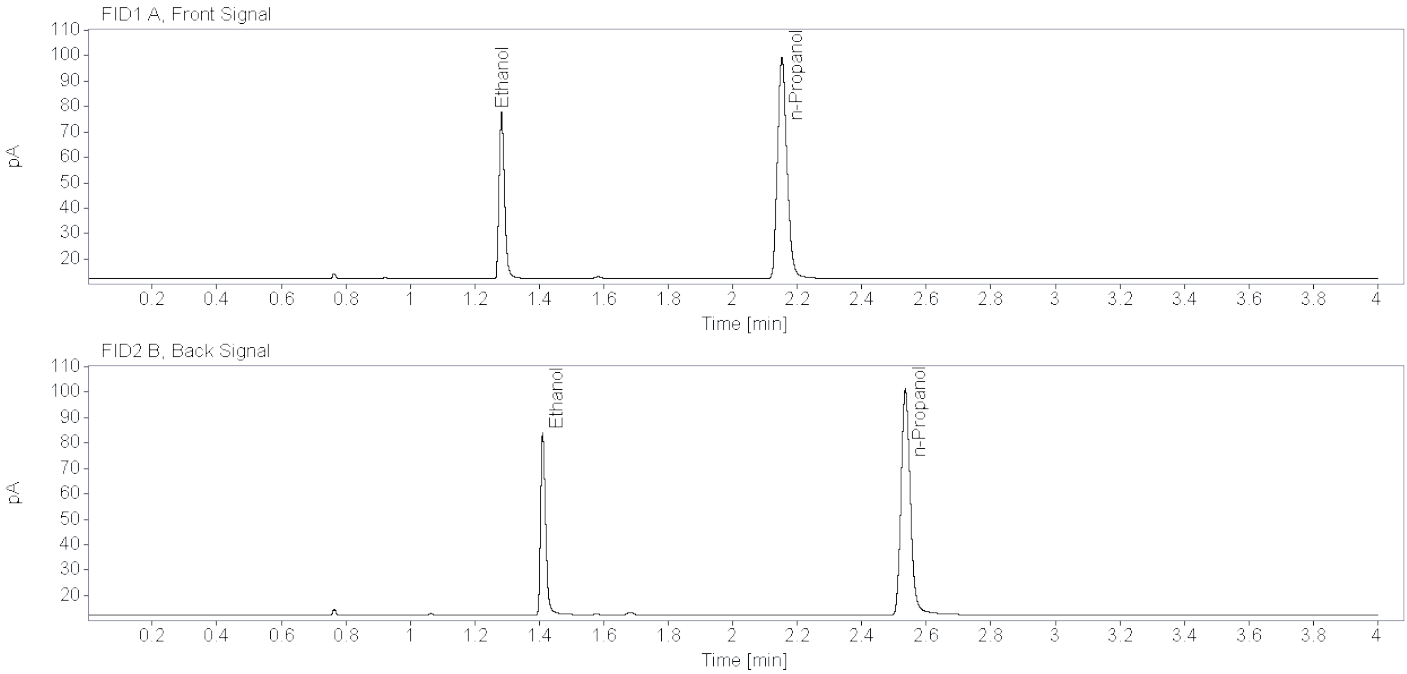
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74010	1.283	1.281	79.3471	0.0792
n-Propanol	0.79357	2.152	2.152	179.6761	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72643	1.411	1.410	79.6976	0.0788
n-Propanol	0.82732	2.535	2.535	178.5400	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2626) **Description:** **Sample Barcode** 24-2626 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:15:55 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\011F1101.D



Name FID1A

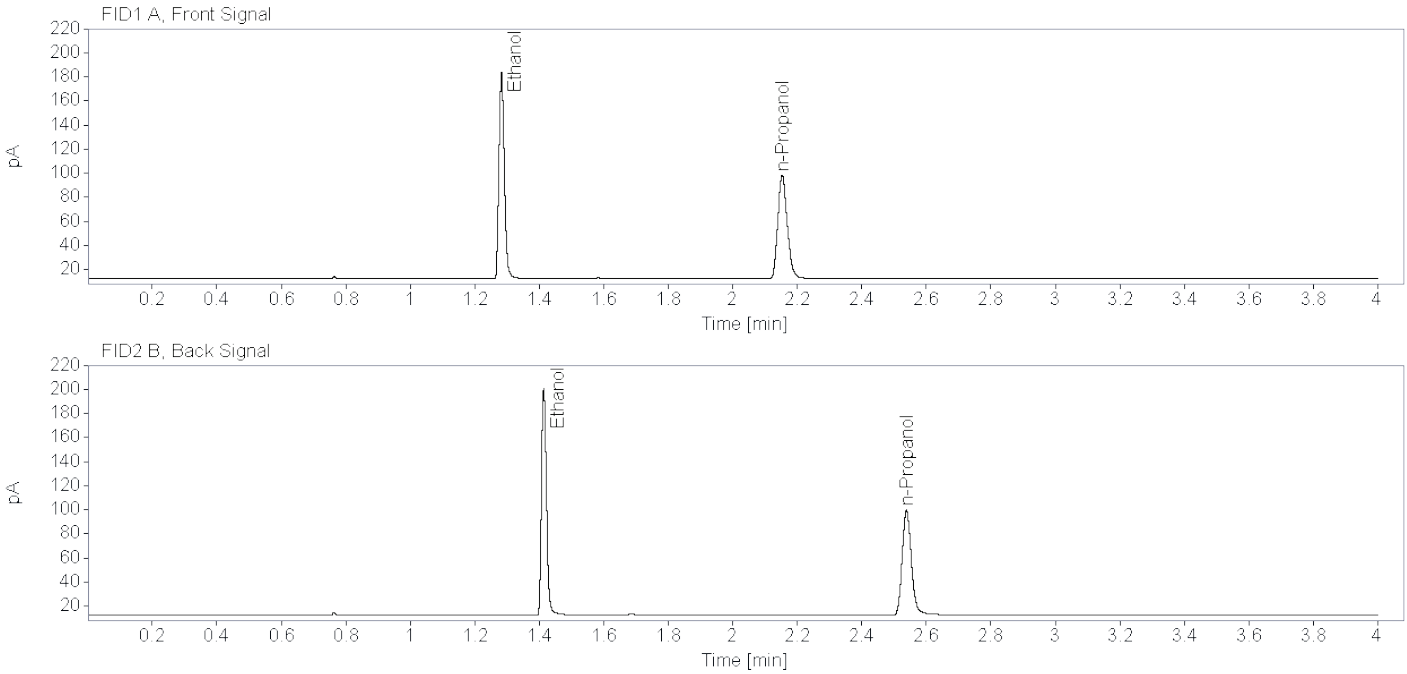
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74576	1.283	1.281	76.1368	0.0772
n-Propanol	0.79903	2.152	2.152	176.8524	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73284	1.411	1.410	76.7410	0.0770
n-Propanol	0.83142	2.535	2.535	176.0950	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2637) **Description:** **Sample Barcode** 24-2637 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:13:29 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\022F2201.D



Name FID1A

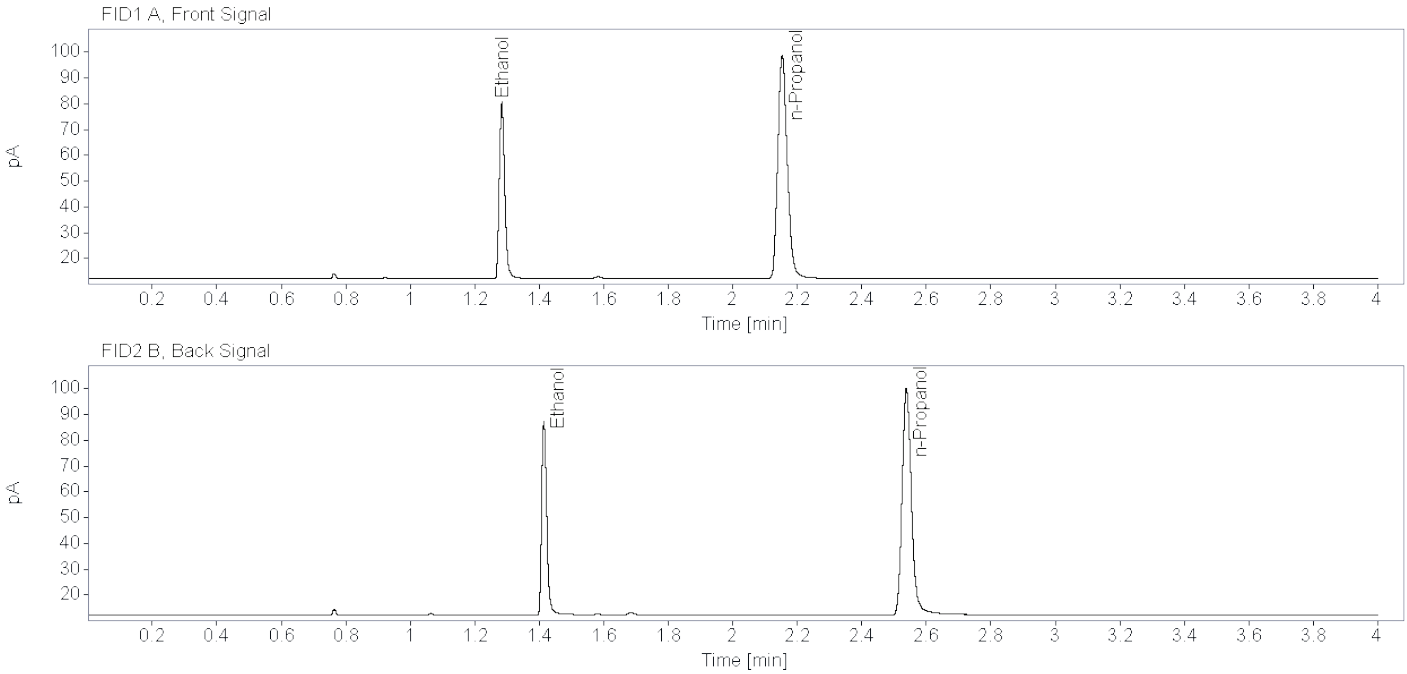
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79935	1.283	1.281	196.7701	0.2005
n-Propanol	0.79835	2.153	2.152	174.5137	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78948	1.414	1.410	198.8497	0.2006
n-Propanol	0.82084	2.539	2.535	173.1812	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2648) **Description:** **Sample Barcode** 24-2648 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:11:01 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\033F3301.D



Name FID1A

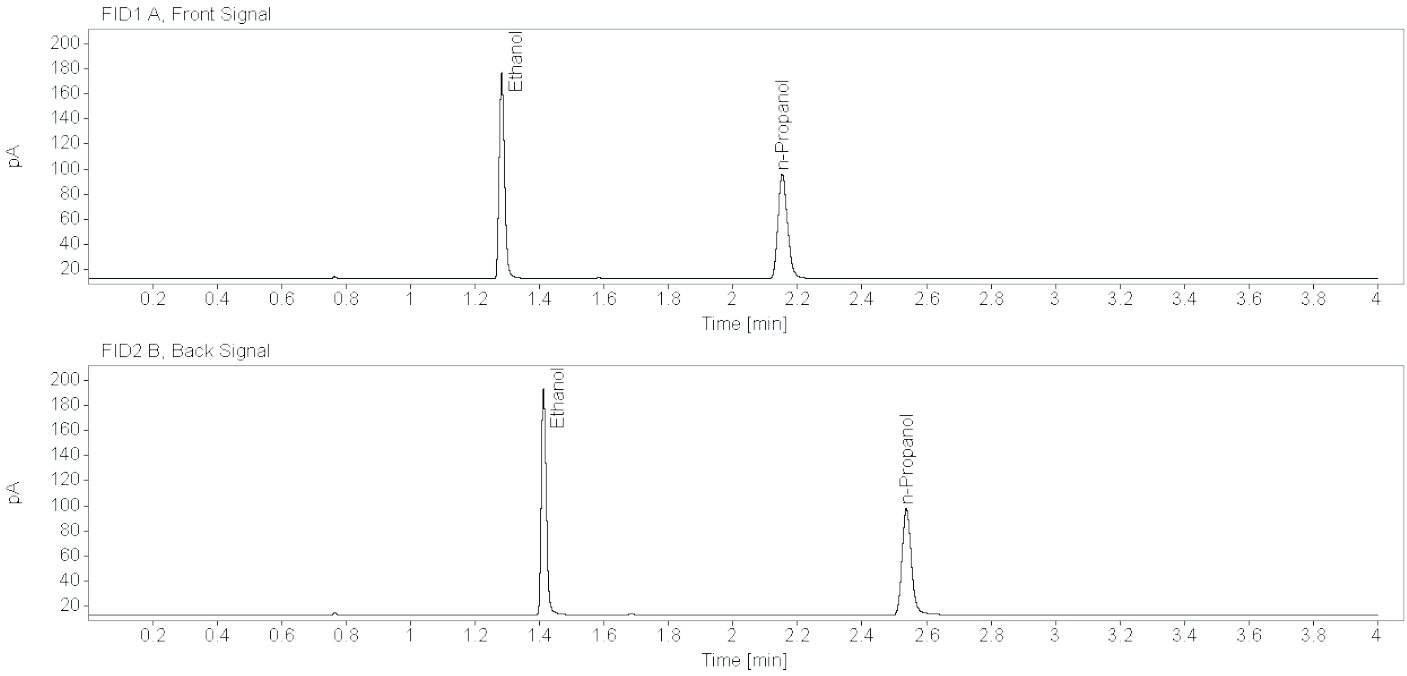
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76624	1.284	1.281	79.2703	0.0808
n-Propanol	0.79556	2.153	2.152	175.8809	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75856	1.415	1.410	80.1576	0.0811
n-Propanol	0.82259	2.539	2.535	174.5724	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2659) **Description:** **Sample Barcode** 24-2659 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:08:37 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\044F4401.D



Name FID1A

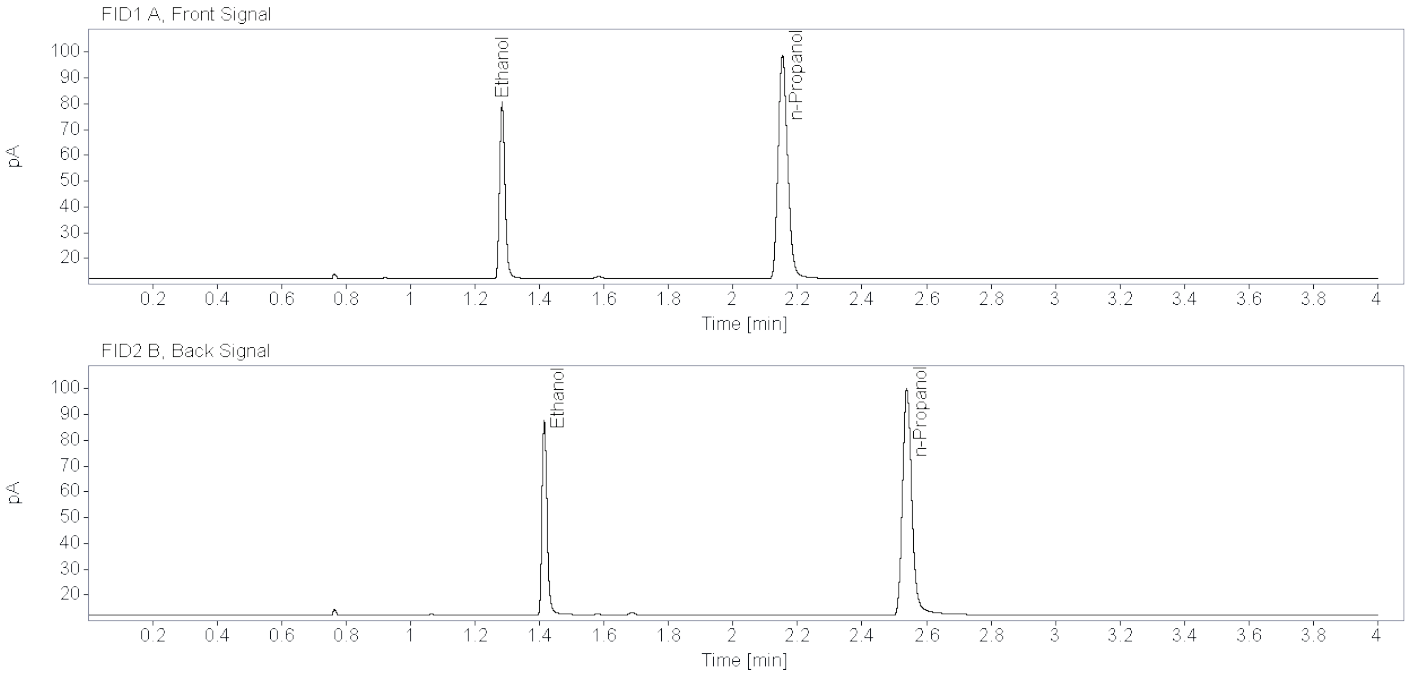
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76654	1.283	1.281	188.8741	0.1970
n-Propanol	0.78837	2.153	2.152	170.5370	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76905	1.413	1.410	191.1340	0.1969
n-Propanol	0.82747	2.538	2.535	169.6453	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2670) **Description:** **Sample Barcode** 24-2670 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:05:25 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\055F5501.D



Name FID1A

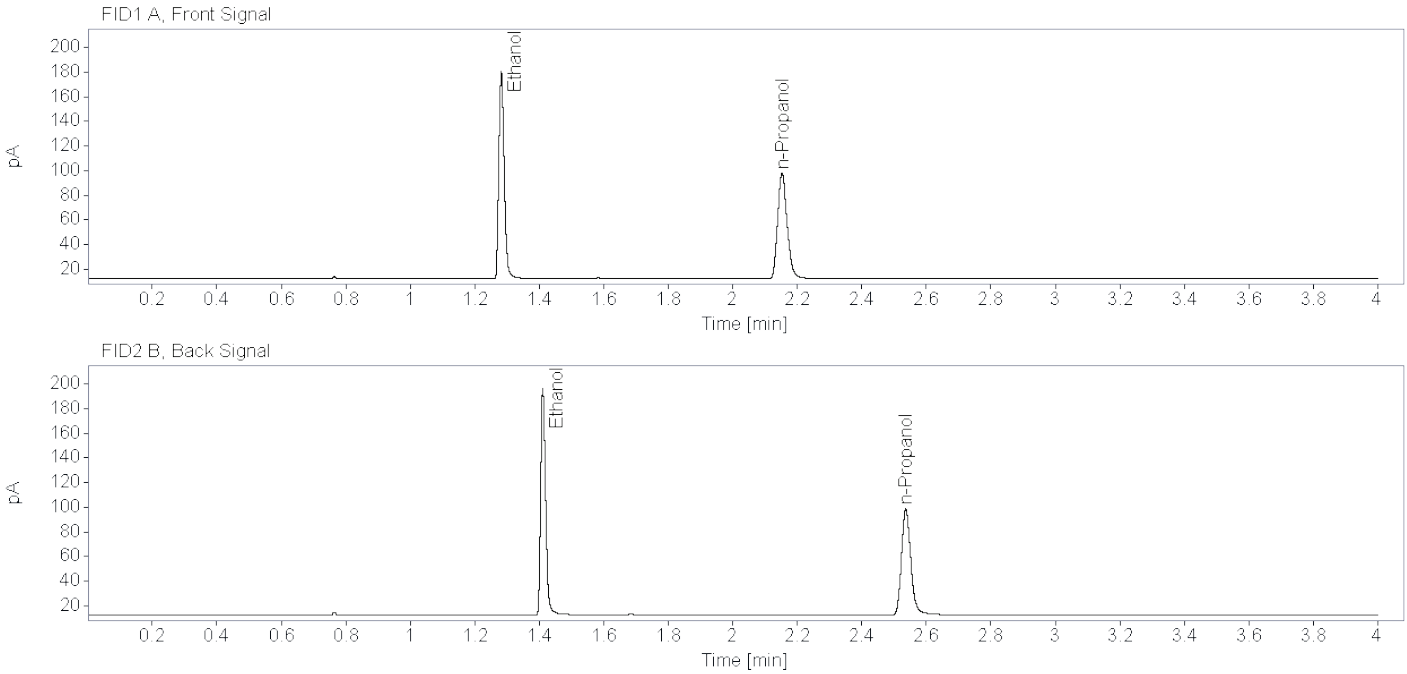
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76883	1.284	1.281	79.5294	0.0808
n-Propanol	0.79996	2.153	2.152	176.3732	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76270	1.415	1.410	80.6388	0.0819
n-Propanol	0.80691	2.539	2.535	173.7588	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2681) **Description:** **Sample Barcode** 24-2681 **Vial Number:** 66
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:03:43 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\066F6601.D



Name FID1A

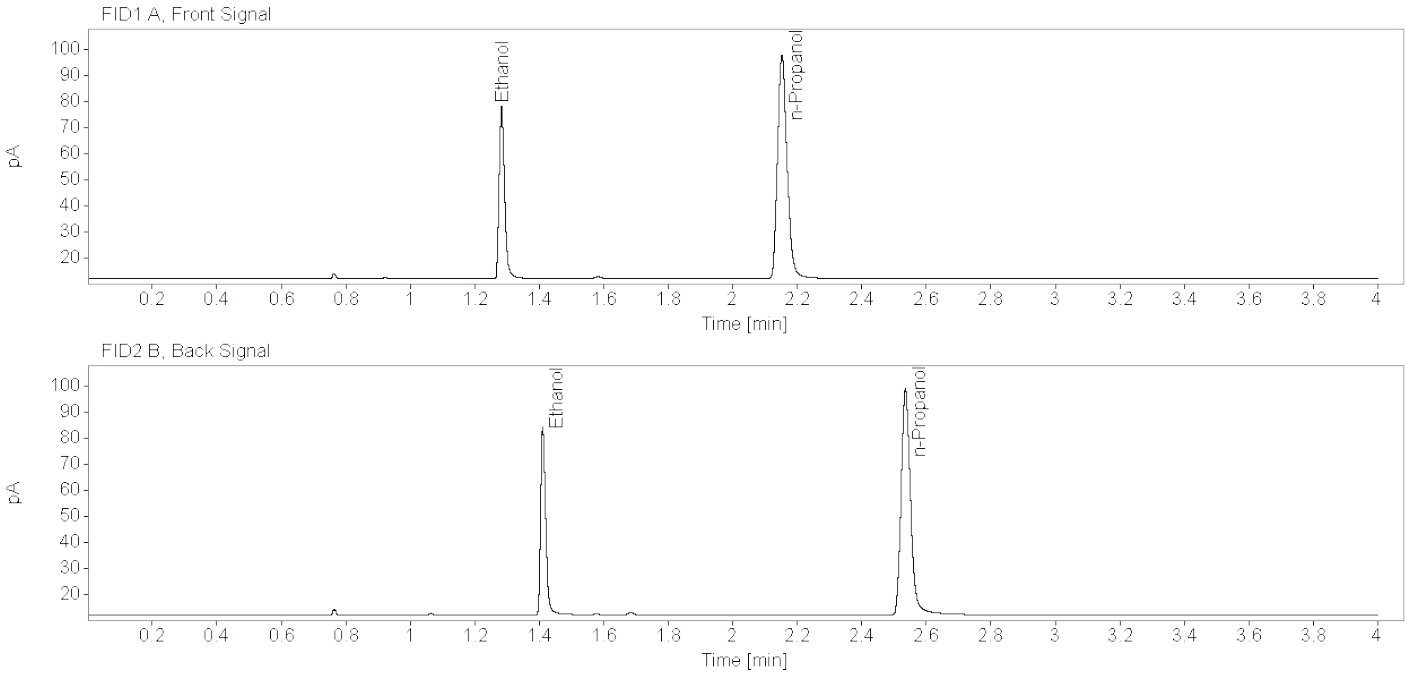
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76640	1.283	1.281	192.1553	0.1973
n-Propanol	0.78572	2.153	2.152	173.2720	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77896	1.411	1.410	194.3764	0.1985
n-Propanol	0.80121	2.536	2.535	171.0661	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2692) **Description:** **Sample Barcode** 24-2692 **Vial Number:** 77
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 8:00:41 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\077F7701.D



Name FID1A

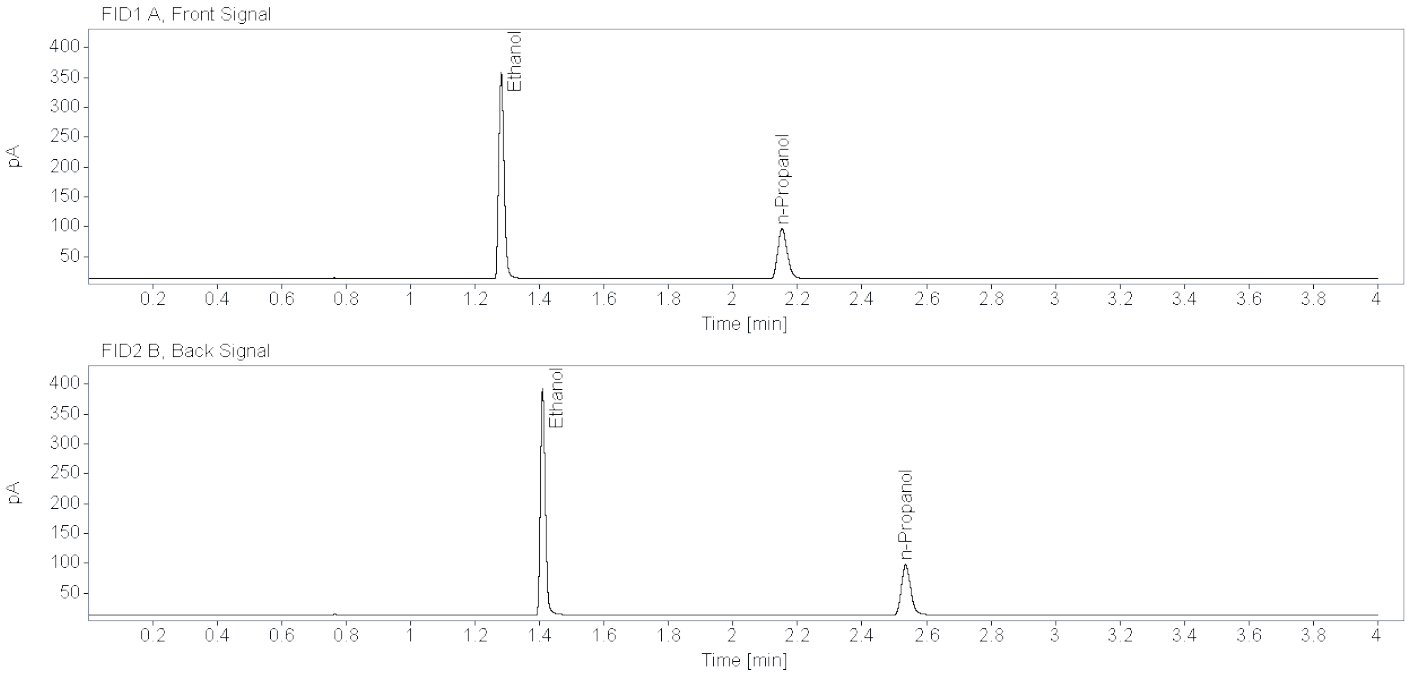
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73407	1.283	1.281	76.9903	0.0792
n-Propanol	0.78344	2.152	2.152	174.2999	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73759	1.411	1.410	77.5404	0.0794
n-Propanol	0.80627	2.536	2.535	172.5108	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-2693) **Description:** **Sample Barcode** 24-2693 **Vial Number:** 78
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 8:06:07 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\078F7801.D



Name FID1A

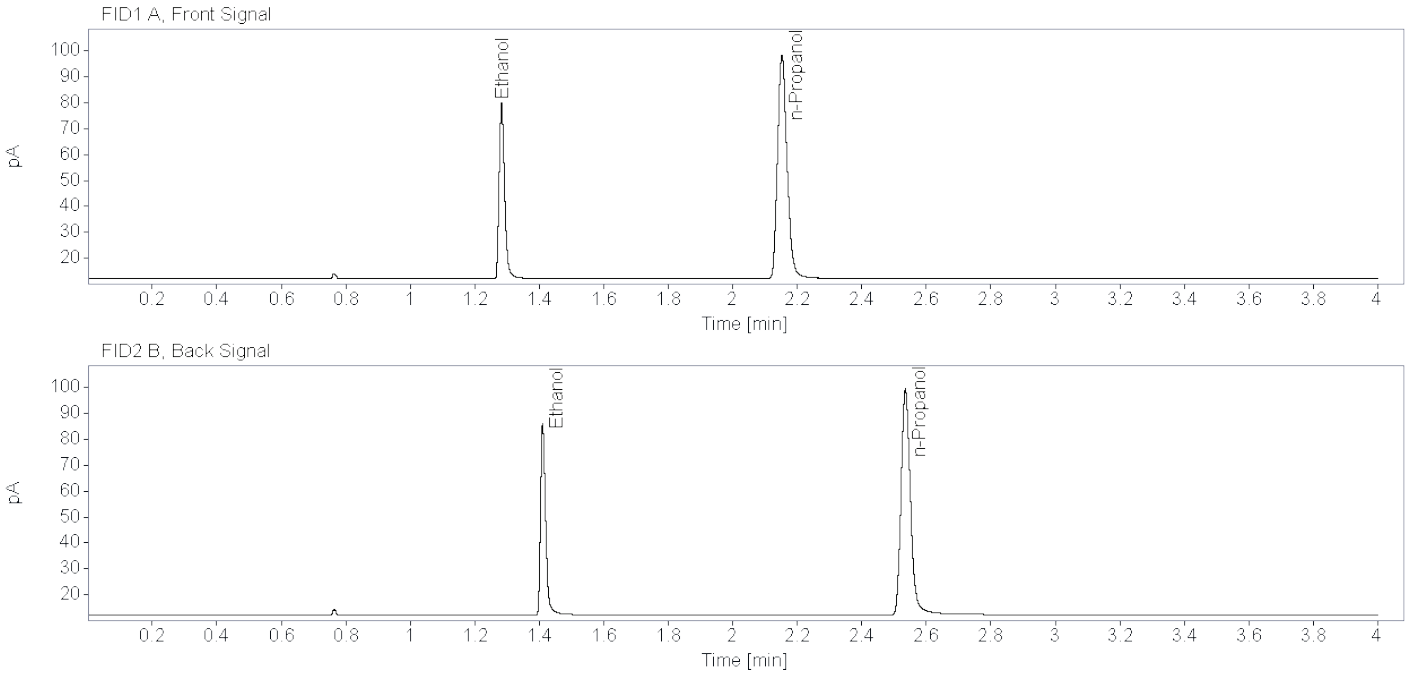
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78743	1.282	1.281	393.4265	0.4065
n-Propanol	0.78355	2.152	2.152	171.6854	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81733	1.410	1.410	399.7289	0.4092
n-Propanol	0.79608	2.535	2.535	170.0384	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-2694) **Description:** **Sample Barcode** 24-2694 **Vial Number:** 79
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 8:11:05 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\079F7901.D



Name FID1A

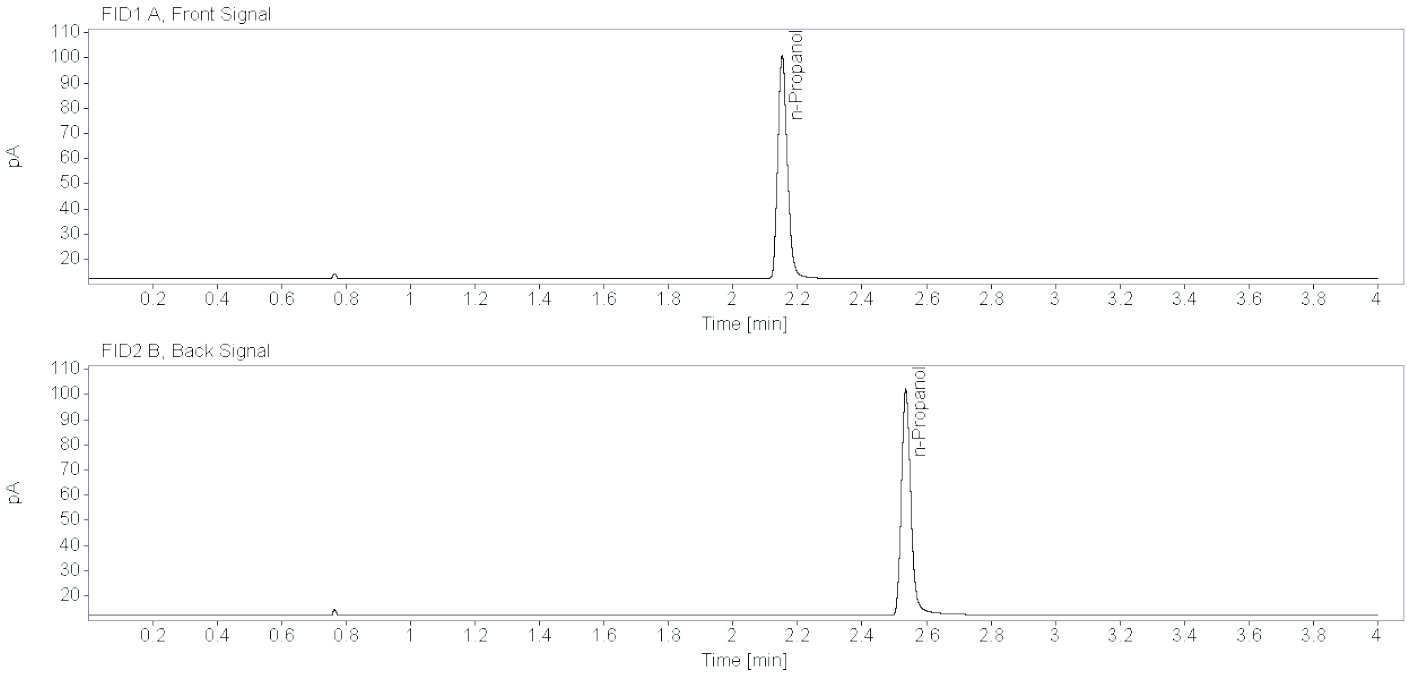
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73225	1.283	1.281	78.7715	0.0808
n-Propanol	0.78466	2.152	2.152	174.8305	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72800	1.411	1.410	79.3153	0.0808
n-Propanol	0.80725	2.535	2.535	173.2351	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-2695) **Description:** **Sample Barcode** 24-2695 **Vial Number:** 80
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 8:16:31 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\080F8001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.78651	2.152	2.152	180.5457	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80000	2.536	2.535	179.0619	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-23-1360 001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2286	Aliquot 1:	0.2278
	Aliquot 2:	0.2357	Aliquot 2:	0.2366

Reported Result: **0.232** **g/100 mL**

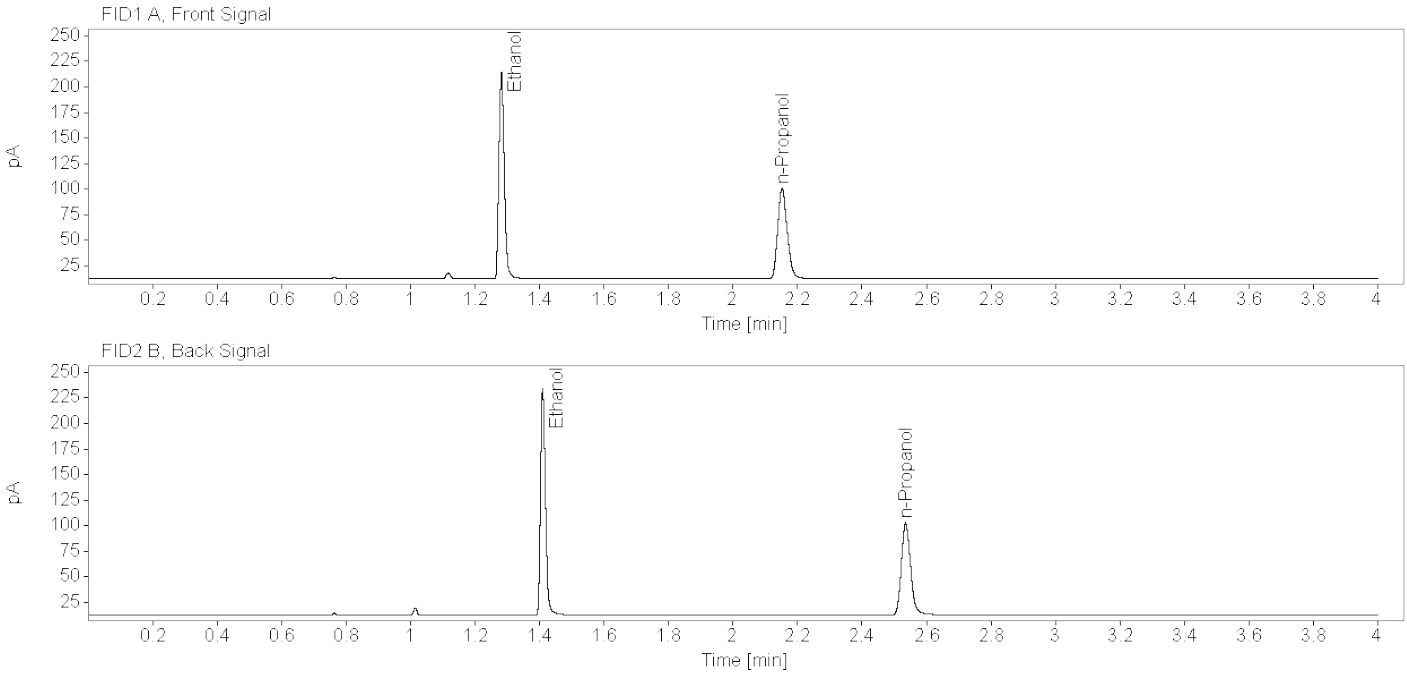
Reported UM: **0.038** **g/100 mL**

Comments:

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1360 001 (24-2627) **Description:** Alq 1 **Sample Barcode** 24-2627 **Vial Number:** 12
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:20:37 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\012F1201.D



Name FID1A

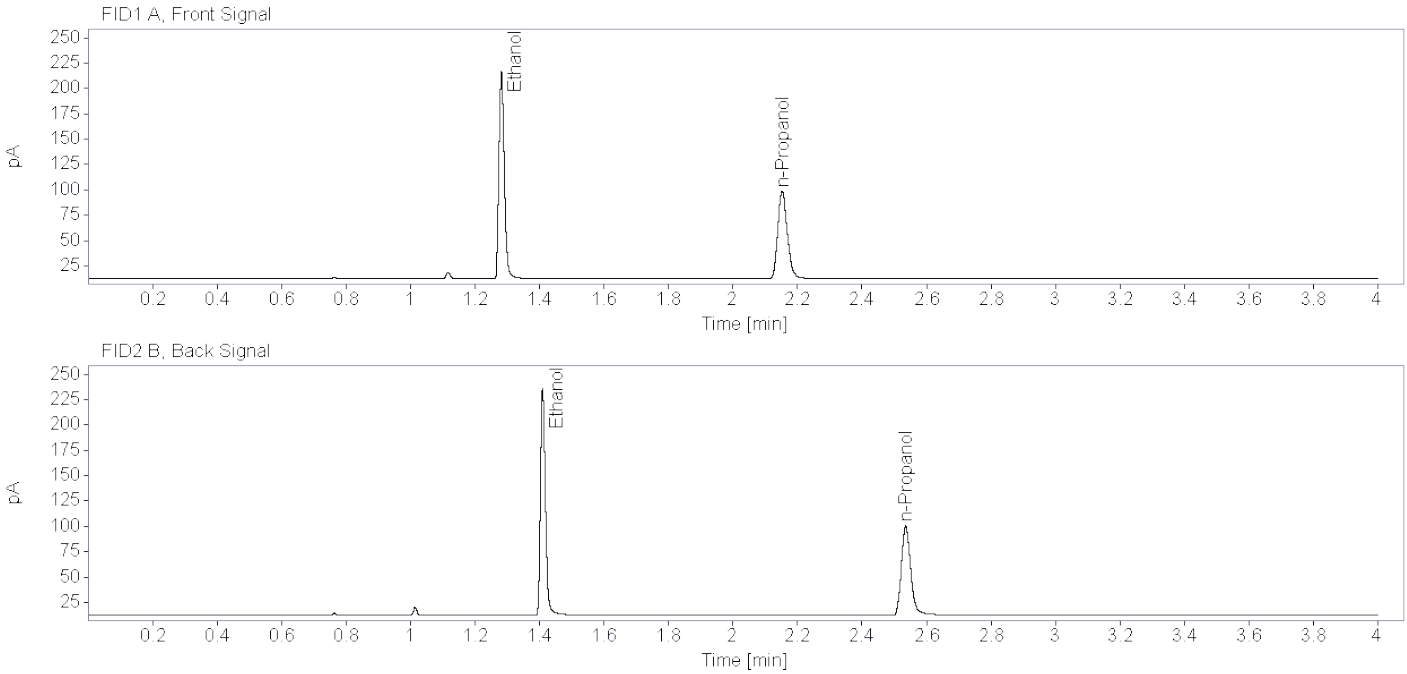
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78046	1.282	1.281	230.6568	0.2286
n-Propanol	0.79357	2.152	2.152	179.3029	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78624	1.410	1.410	233.1892	0.2278
n-Propanol	0.81598	2.535	2.535	178.6807	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-23-1360 001 (24-2691) **Description:** Alq 2 **Sample Barcode** 24-2691 **Vial Number:** 76
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:55:43 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\076F7601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76546	1.282	1.281	233.7839	0.2357
n-Propanol	0.78388	2.152	2.152	176.2854	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77590	1.410	1.410	236.5867	0.2366
n-Propanol	0.81124	2.535	2.535	174.5087	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2069 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0766	Aliquot 1:	0.0764
	Aliquot 2:	0.0800	Aliquot 2:	0.0804

Reported Result: 0.078 g/100 mL

Reported UM: 0.013 g/100 mL

Comments: Previously analyzed in BAC_20241119_MH. -- 12/23/2024 mh

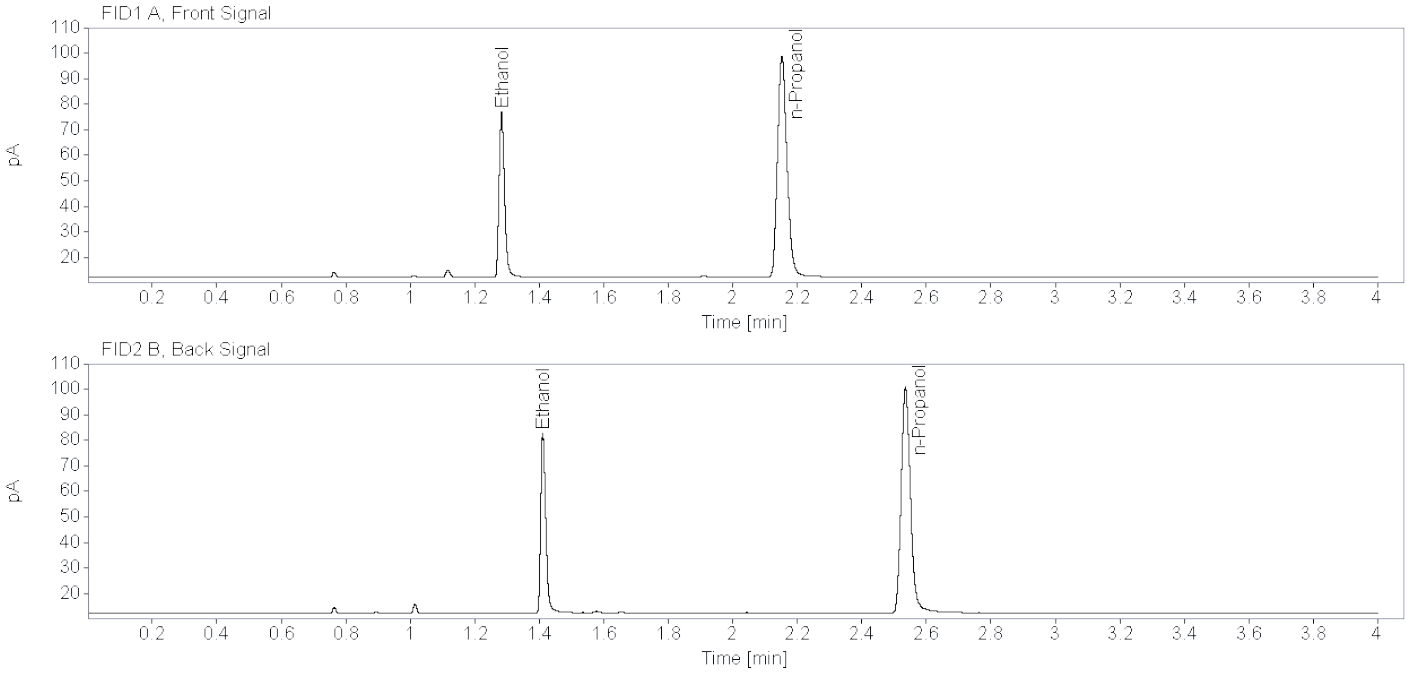
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2069 001_001 (24-2628) **Description:** Alq 1 **Sample Barcode** 24-2628 **Vial Number:** 13

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:26:19 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75557	1.283	1.281	75.1761	0.0766
n-Propanol	0.80197	2.152	2.152	176.0480	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73737	1.411	1.410	75.6422	0.0764
n-Propanol	0.82024	2.536	2.535	174.9906	0.0100

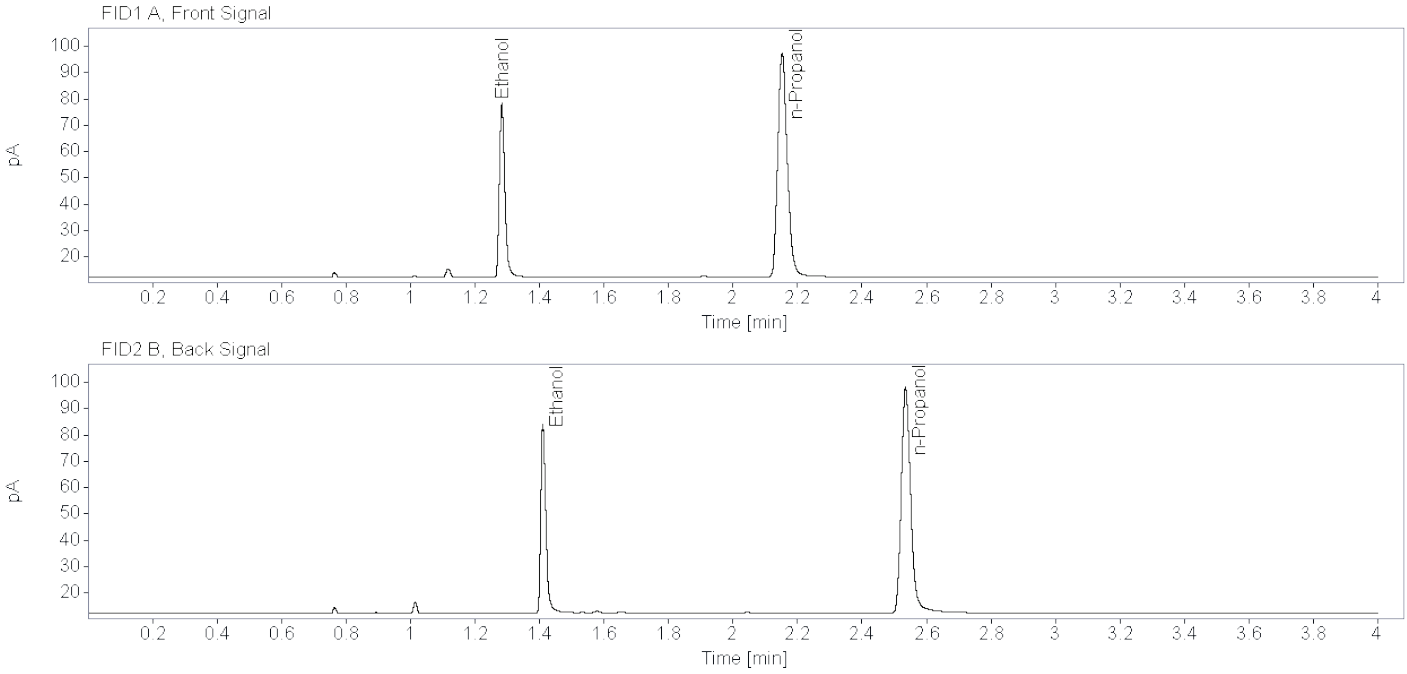
Previously analyzed in BAC_20241119_MH. -- 12/23/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2069 001_001 (24-2690) **Description:** Alq 2 **Sample Barcode** 24-2690 **Vial Number:** 75

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:50:17 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\075F7501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73027	1.283	1.281	77.0784	0.0800
n-Propanol	0.78387	2.152	2.152	172.6998	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72125	1.411	1.410	77.8697	0.0804
n-Propanol	0.80694	2.535	2.535	171.0703	0.0100

Previously analyzed in BAC_20241119_MH. -- 12/23/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2071 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1918	Aliquot 1:	0.1912
	Aliquot 2:	0.1957	Aliquot 2:	0.1976

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

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

Comments: Previously analyzed in BAC_20241119_MH. -- 12/23/2024 mh

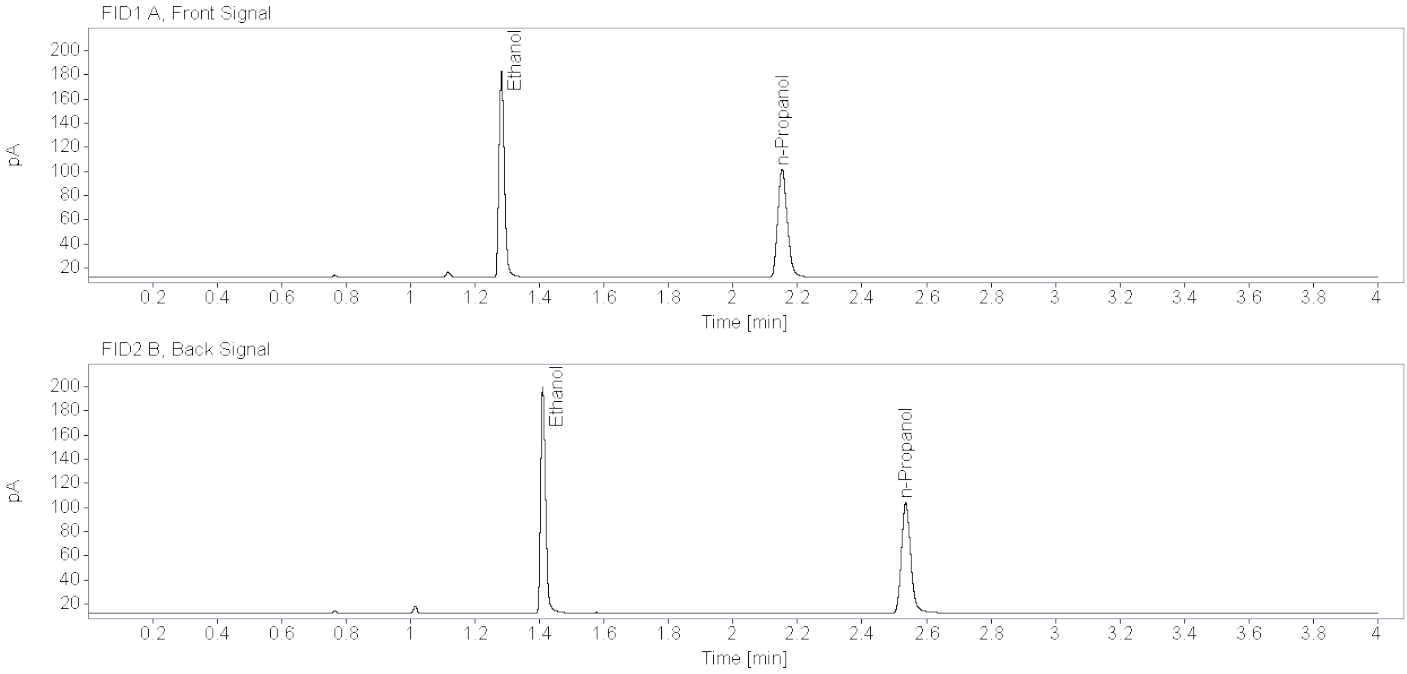
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2071 001_001 (24-2629) **Description:** Alq 1 **Sample Barcode** 24-2629 **Vial Number:** 14

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:31:01 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77045	1.282	1.281	195.8427	0.1918
n-Propanol	0.79287	2.152	2.152	181.6995	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78202	1.410	1.410	198.0171	0.1912
n-Propanol	0.81888	2.536	2.535	181.0191	0.0100

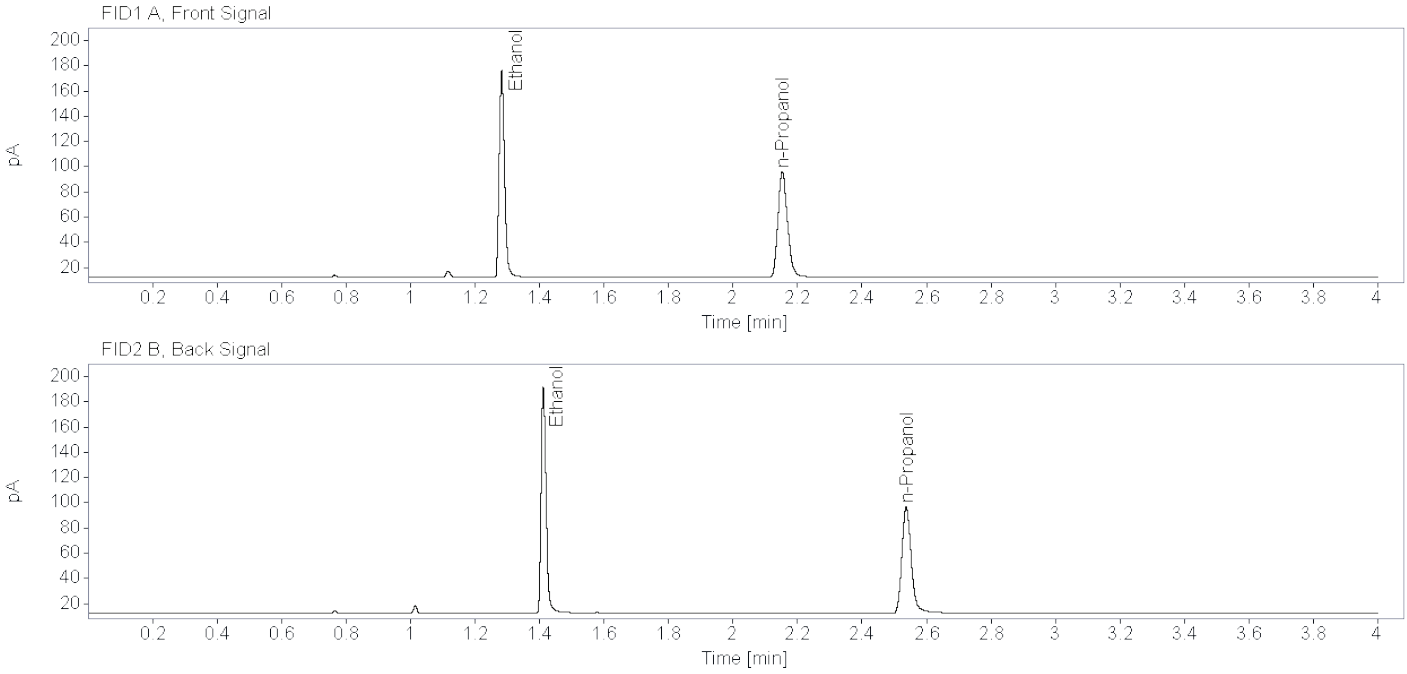
Previously analyzed in BAC_20241119_MH. -- 12/23/2024 mh

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2071 001_001 (24-2689) **Description:** Alq 2 **Sample Barcode** 24-2689 **Vial Number:** 74

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:45:19 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\074F7401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75970	1.283	1.281	187.8214	0.1957
n-Propanol	0.78637	2.153	2.152	170.7116	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75904	1.412	1.410	190.3147	0.1976
n-Propanol	0.80712	2.537	2.535	168.2851	0.0100

Previously analyzed in BAC_20241119_MH. -- 12/23/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2244 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1050	Aliquot 1:	0.1051
	Aliquot 2:	0.1064	Aliquot 2:	0.1073

Reported Result: **0.105** **g/100 mL**

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

Comments:

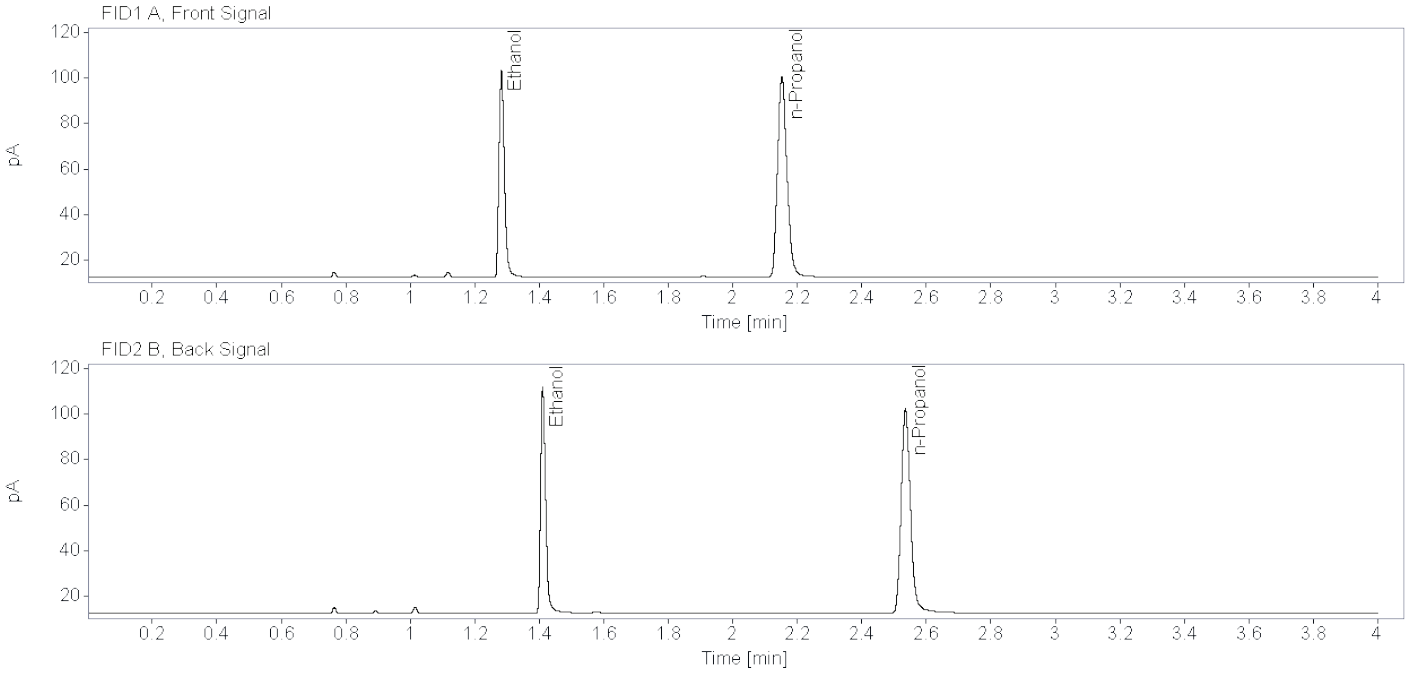
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2244 001_001 (24-2630) **Description:** Alq 1 **Sample Barcode** 24-2630 **Vial Number:** 15

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:37:26 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75191	1.283	1.281	105.1643	0.1050
n-Propanol	0.80022	2.152	2.152	179.0055	0.0100

Name FID2B

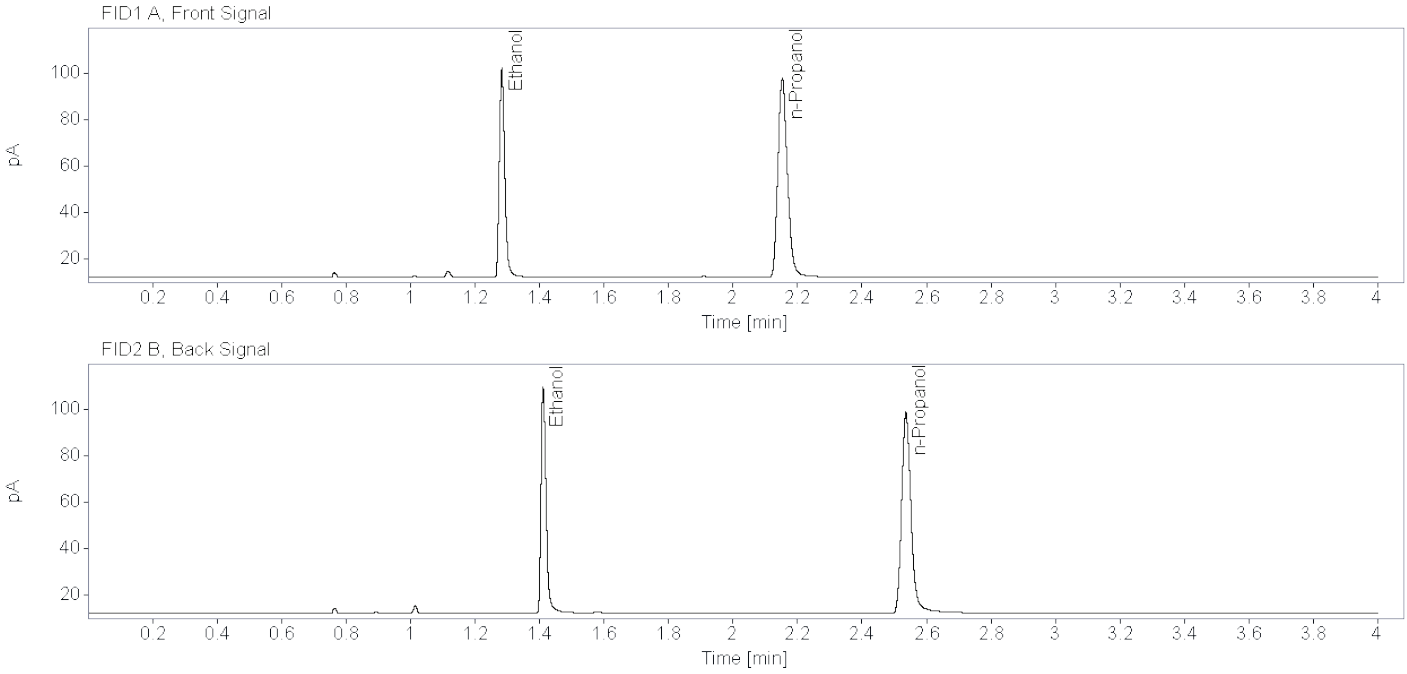
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74751	1.411	1.410	106.3095	0.1051
n-Propanol	0.82261	2.536	2.535	177.9270	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2244 001_001 (24-2688) **Description:** Alq 2 **Sample Barcode** 24-2688 **Vial Number:** 73

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:39:53 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\073F7301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74642	1.283	1.281	103.5211	0.1064
n-Propanol	0.78461	2.153	2.152	173.8369	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72192	1.412	1.410	104.6791	0.1073
n-Propanol	0.79909	2.536	2.535	171.4696	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2245 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1681	Aliquot 1:	0.1677
	Aliquot 2:	0.1785	Aliquot 2:	0.1793

Reported Result: **0.173** **g/100 mL**

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

Comments:

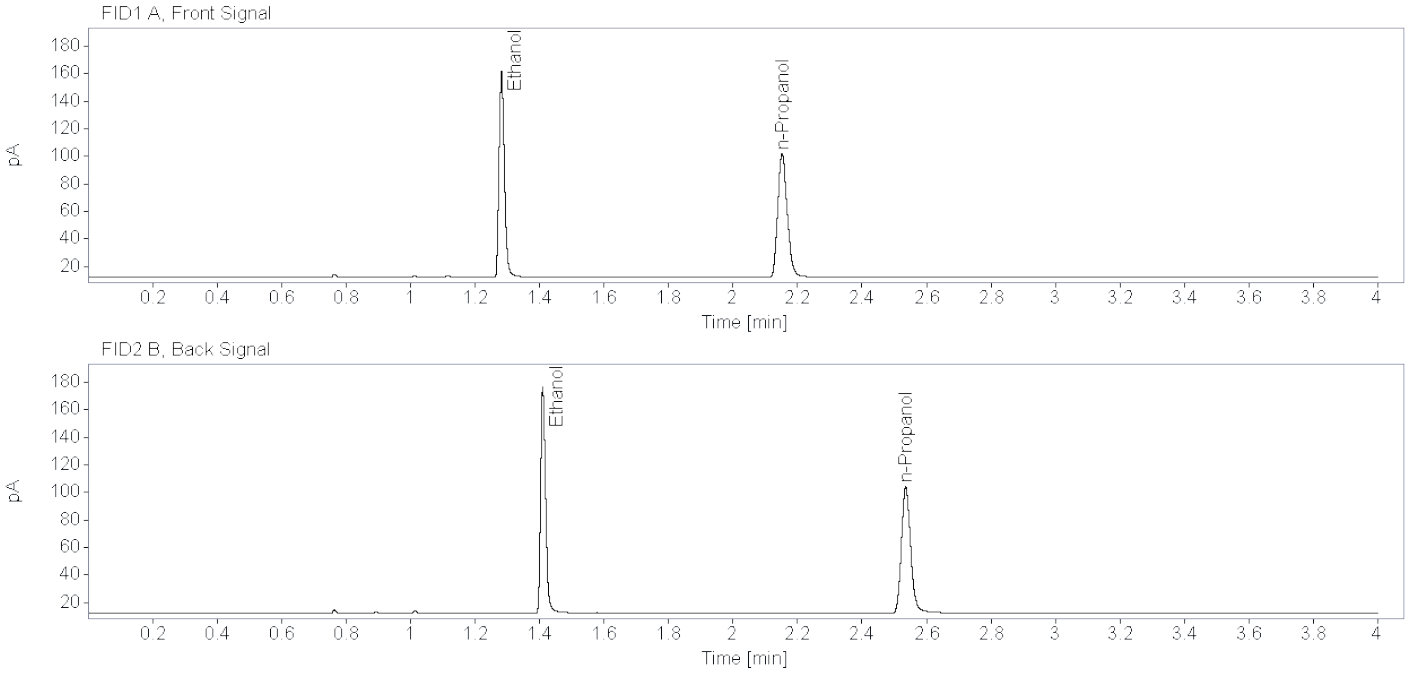
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2245 001_001 (24-2631) **Description:** Alq 1 **Sample Barcode** 24-2631 **Vial Number:** 16

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:42:18 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76676	1.282	1.281	171.5063	0.1681
n-Propanol	0.79335	2.152	2.152	181.7061	0.0100

Name FID2B

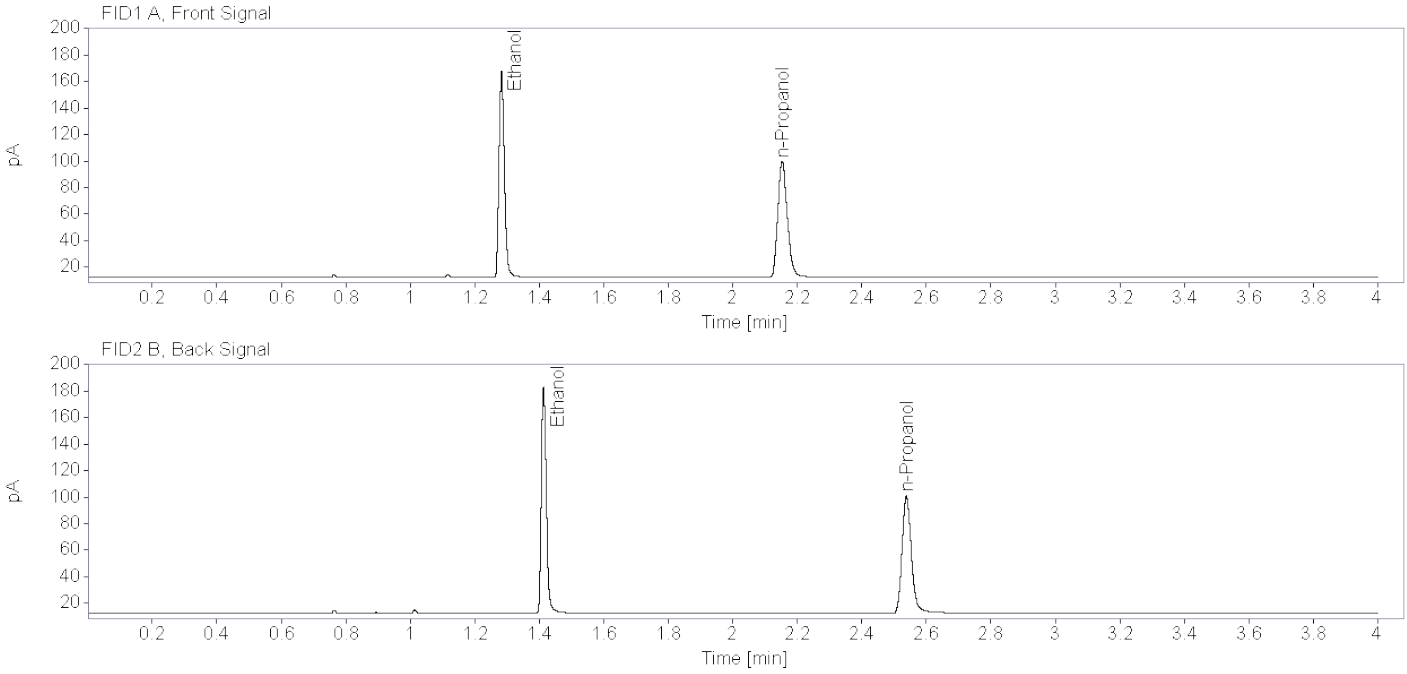
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77900	1.410	1.410	173.6495	0.1677
n-Propanol	0.81436	2.535	2.535	181.1191	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2245 001_001 (24-2687) **Description:** Alq 2 **Sample Barcode** 24-2687 **Vial Number:** 72

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:34:55 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78172	1.283	1.281	178.4630	0.1785
n-Propanol	0.79032	2.153	2.152	177.8954	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76701	1.413	1.410	180.5926	0.1793
n-Propanol	0.81358	2.538	2.535	176.0712	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2246 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1823	Aliquot 1:	0.1828
	Aliquot 2:	0.1865	Aliquot 2:	0.1881

Reported Result: **0.184** **g/100 mL**

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

Comments:

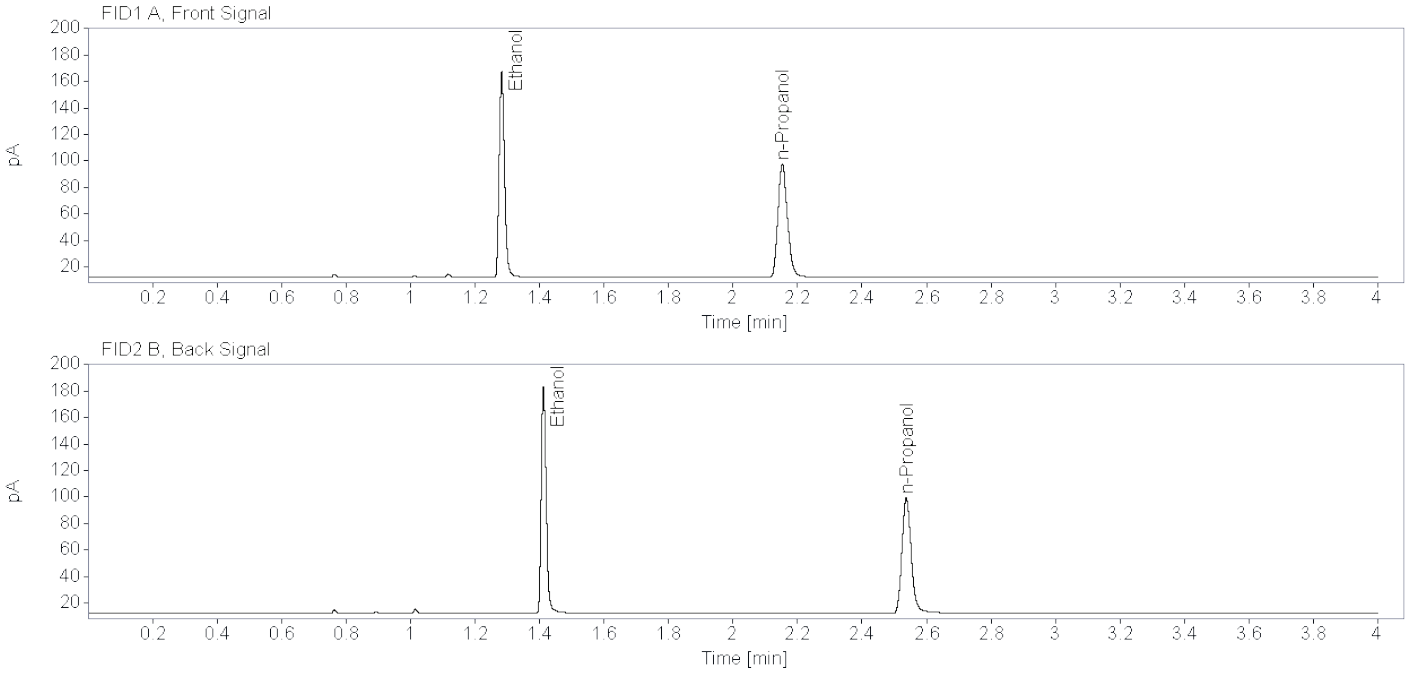
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2246 001_001 (24-2632) **Description:** Alq 1 **Sample Barcode** 24-2632 **Vial Number:** 17

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:47:50 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77280	1.283	1.281	177.6316	0.1823
n-Propanol	0.79658	2.153	2.152	173.3697	0.0100

Name FID2B

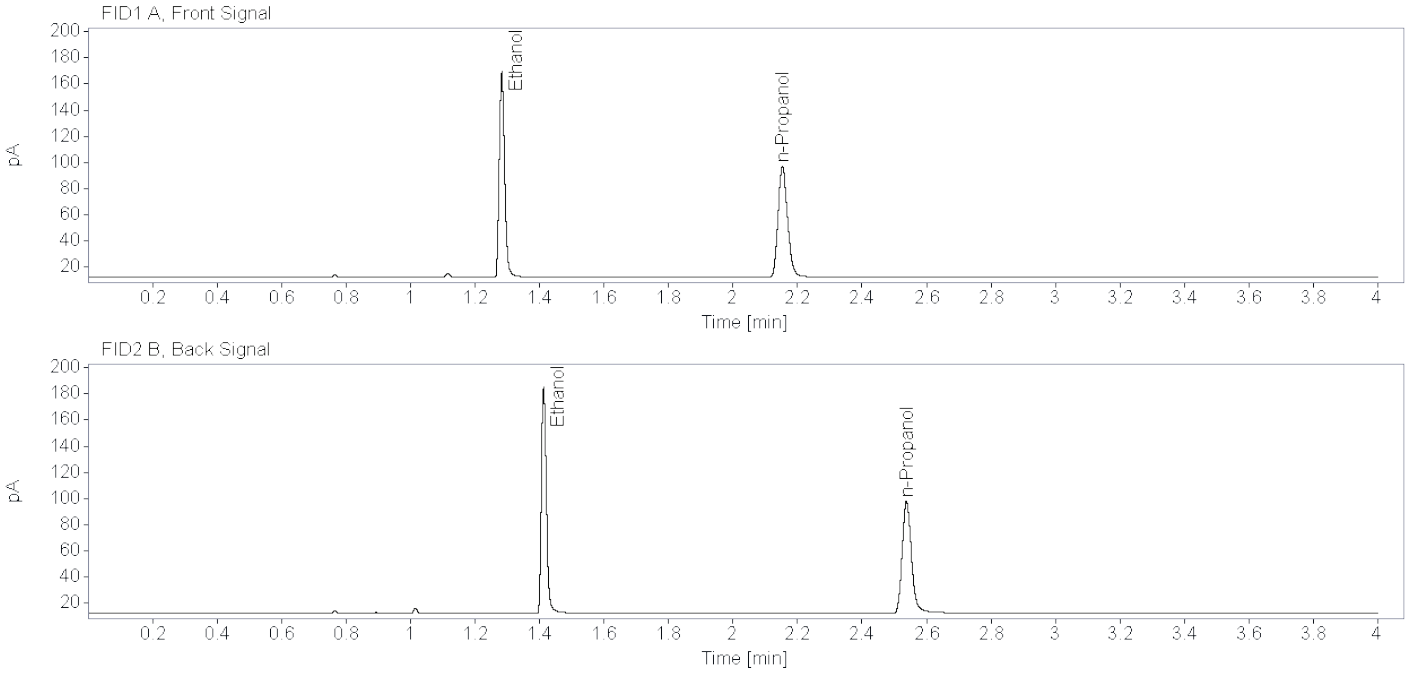
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76650	1.412	1.410	179.8445	0.1828
n-Propanol	0.82559	2.537	2.535	172.0415	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2246 001_001 (24-2686) **Description:** Alq 2 **Sample Barcode** 24-2686 **Vial Number:** 71

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:29:29 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\071F7101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76775	1.283	1.281	180.6410	0.1865
n-Propanol	0.78995	2.153	2.152	172.3300	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76761	1.413	1.410	182.6508	0.1881
n-Propanol	0.80729	2.538	2.535	169.7443	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2247 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3528	Aliquot 1:	0.3534
	Aliquot 2:	0.3551	Aliquot 2:	0.3576

Reported Result: **0.354** **g/100 mL**

Reported UM: **0.057** **g/100 mL**

Comments:

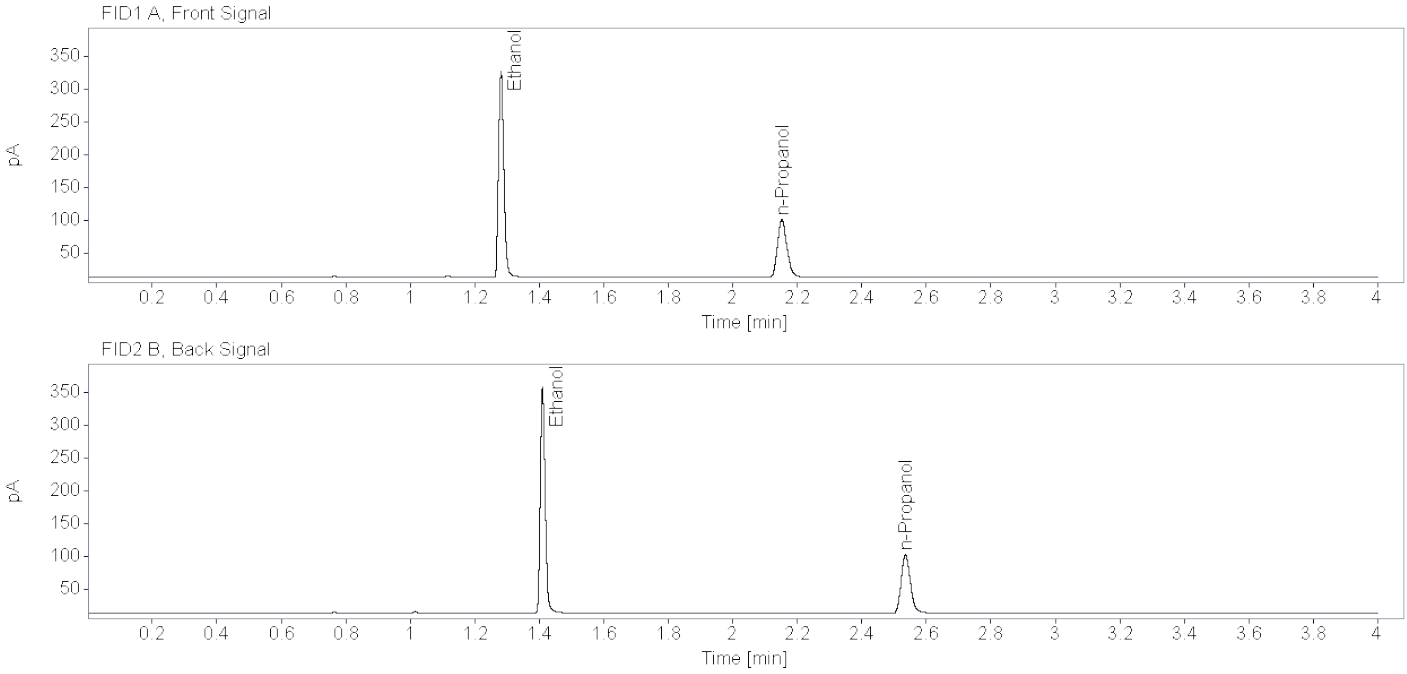
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2247 001_001 (24-2633) **Description:** Alq 1 **Sample Barcode** 24-2633 **Vial Number:** 18

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:52:41 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78844	1.282	1.281	357.7596	0.3528
n-Propanol	0.79640	2.152	2.152	179.9281	0.0100

Name FID2B

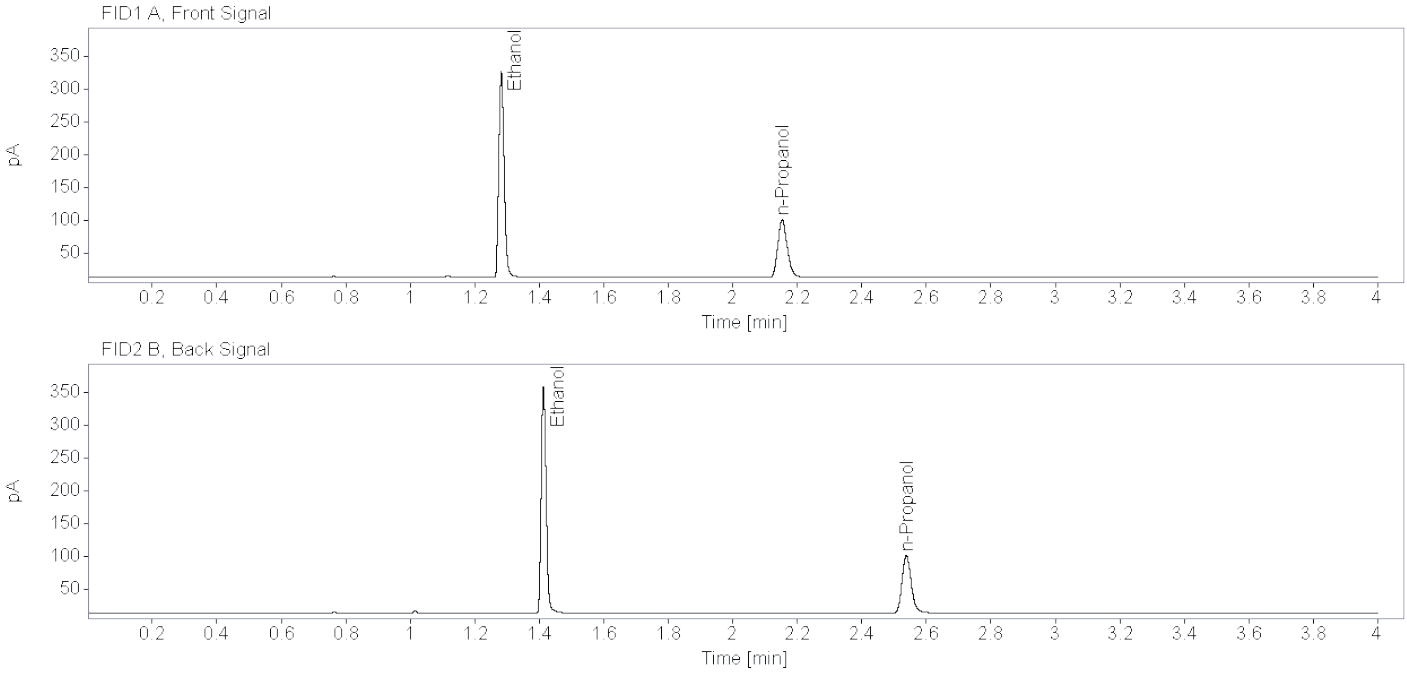
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79960	1.410	1.410	362.3237	0.3534
n-Propanol	0.82198	2.536	2.535	178.5827	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2247 001_001 (24-2685) **Description:** Alq 2 **Sample Barcode** 24-2685 **Vial Number:** 70

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:24:31 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\070F7001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80326	1.283	1.281	359.0005	0.3551
n-Propanol	0.78707	2.153	2.152	179.3927	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80677	1.413	1.410	364.1109	0.3576
n-Propanol	0.81919	2.538	2.535	177.3127	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2248 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2213	Aliquot 1:	0.2213
	Aliquot 2:	0.2295	Aliquot 2:	0.2312

Reported Result: **0.225** **g/100 mL**

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

Comments:

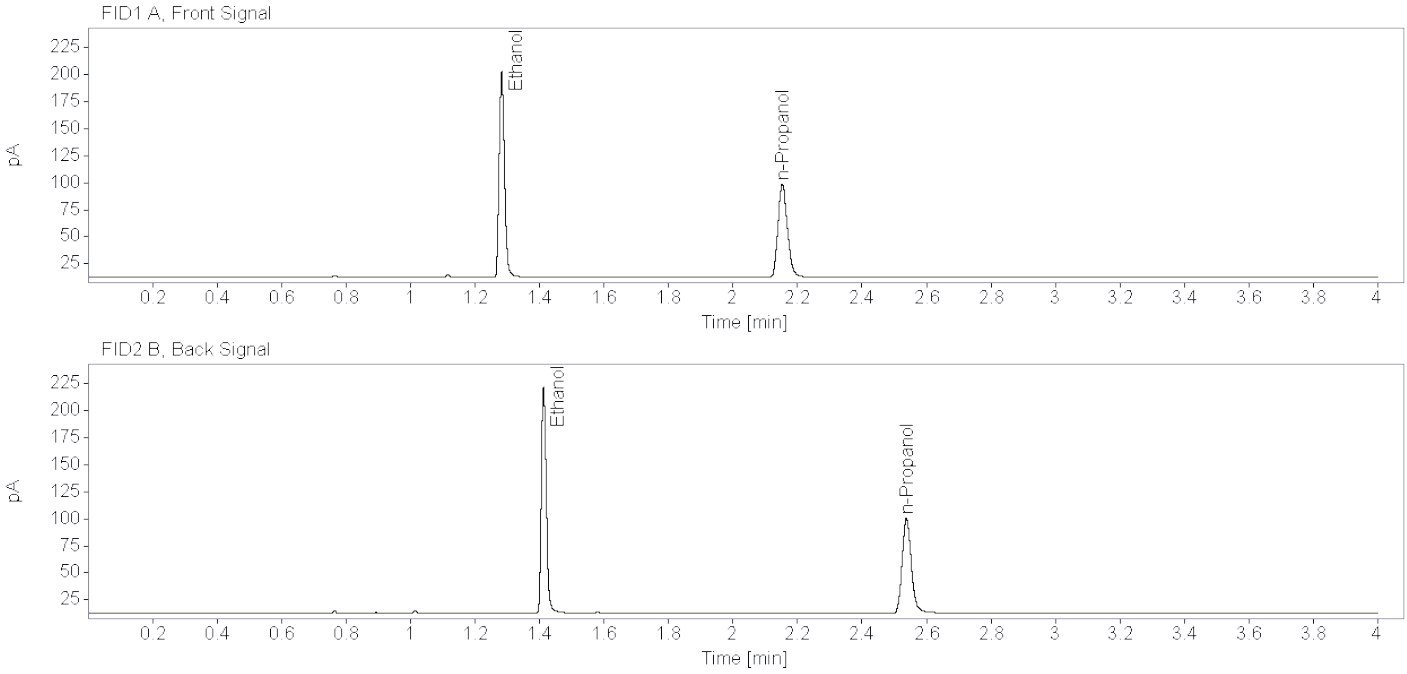
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2248 001_001 (24-2634) **Description:** Alq 1 **Sample Barcode** 24-2634 **Vial Number:** 19

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 2:58:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78175	1.283	1.281	217.7041	0.2213
n-Propanol	0.80223	2.153	2.152	174.9066	0.0100

Name FID2B

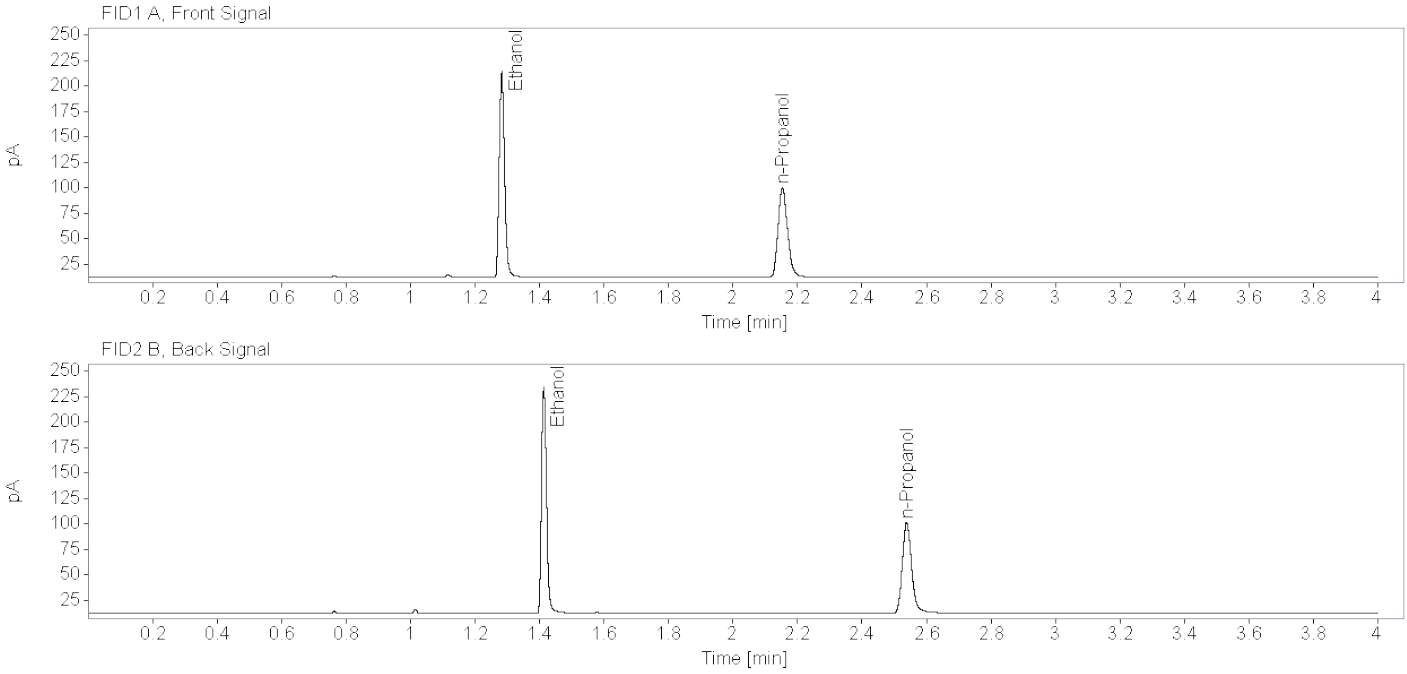
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77612	1.413	1.410	220.3437	0.2213
n-Propanol	0.83207	2.538	2.535	173.8032	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2248 001_001 (24-2684) **Description:** Alq 2 **Sample Barcode** 24-2684 **Vial Number:** 69

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:19:05 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\069F6901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78326	1.283	1.281	231.0697	0.2295
n-Propanol	0.79368	2.153	2.152	178.9735	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79758	1.413	1.410	234.0193	0.2312
n-Propanol	0.81331	2.538	2.535	176.6784	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2249 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1695	Aliquot 1:	0.1696
	Aliquot 2:	0.1722	Aliquot 2:	0.1732

Reported Result: **0.171** **g/100 mL**

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

Comments:

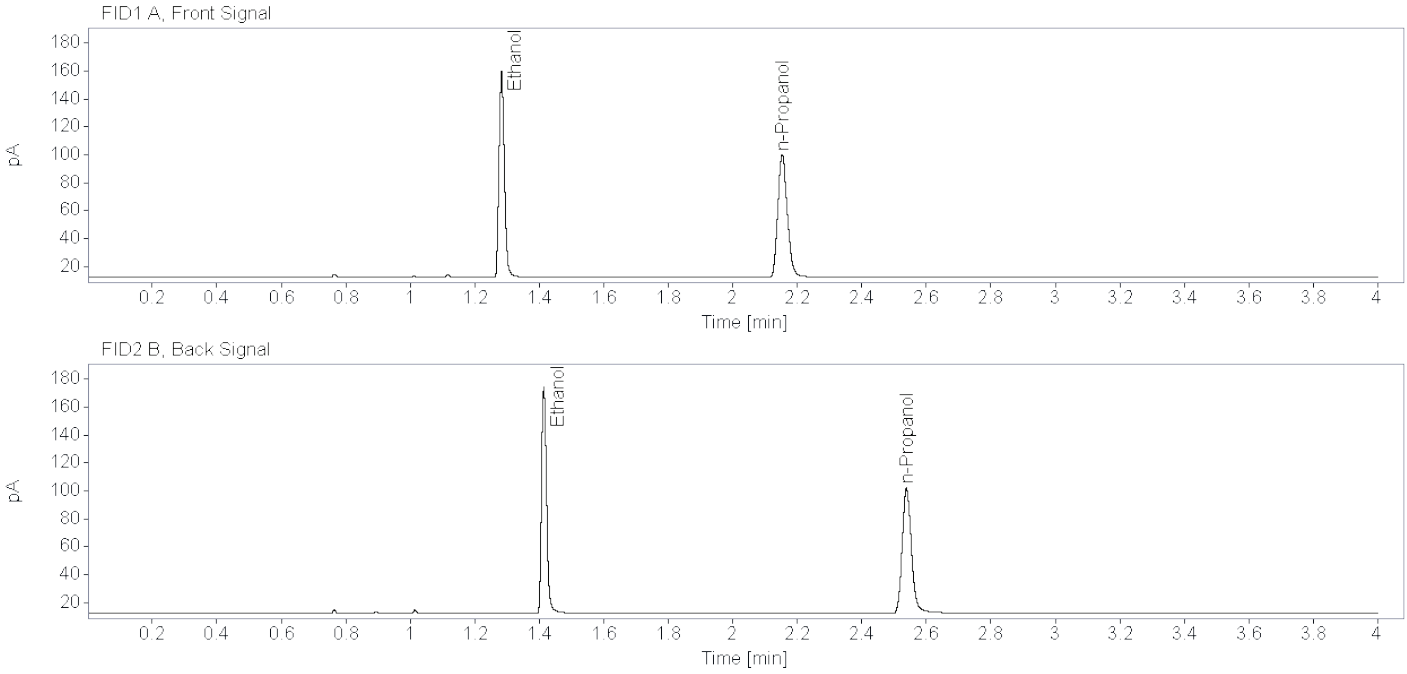
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2249 001_001 (24-2635) **Description:** Alq 1 **Sample Barcode** 24-2635 **Vial Number:** 20

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:03:05 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80541	1.283	1.281	169.9301	0.1695
n-Propanol	0.79868	2.153	2.152	178.5019	0.0100

Name FID2B

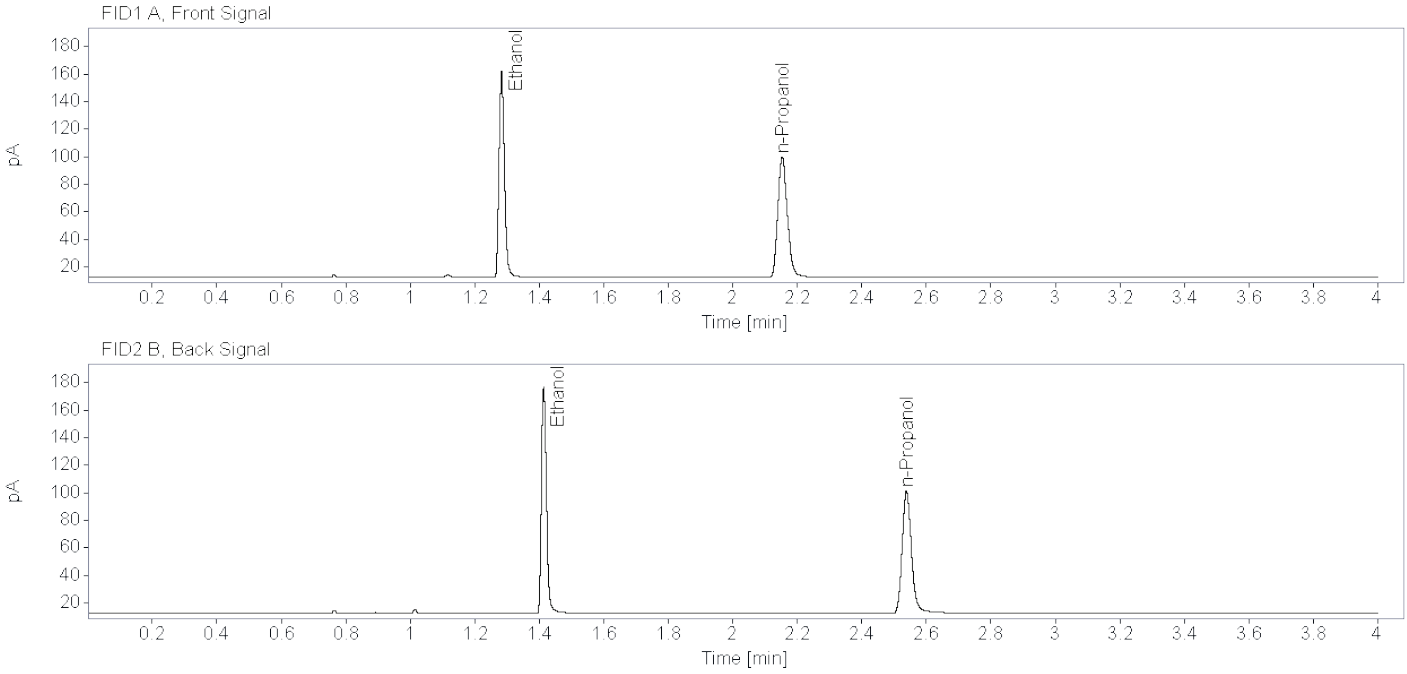
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78704	1.414	1.410	171.4096	0.1696
n-Propanol	0.82105	2.539	2.535	176.7495	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2249 001_001 (24-2683) **Description:** Alq 2 **Sample Barcode** 24-2683 **Vial Number:** 68

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:14:07 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\068F6801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78519	1.283	1.281	172.2399	0.1722
n-Propanol	0.79030	2.153	2.152	178.0408	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77692	1.414	1.410	174.1779	0.1732
n-Propanol	0.81181	2.539	2.535	175.8502	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2262 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0887	Aliquot 1:	0.0886
	Aliquot 2:	0.0917	Aliquot 2:	0.0925

Reported Result: **0.090** **g/100 mL**

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

Comments:

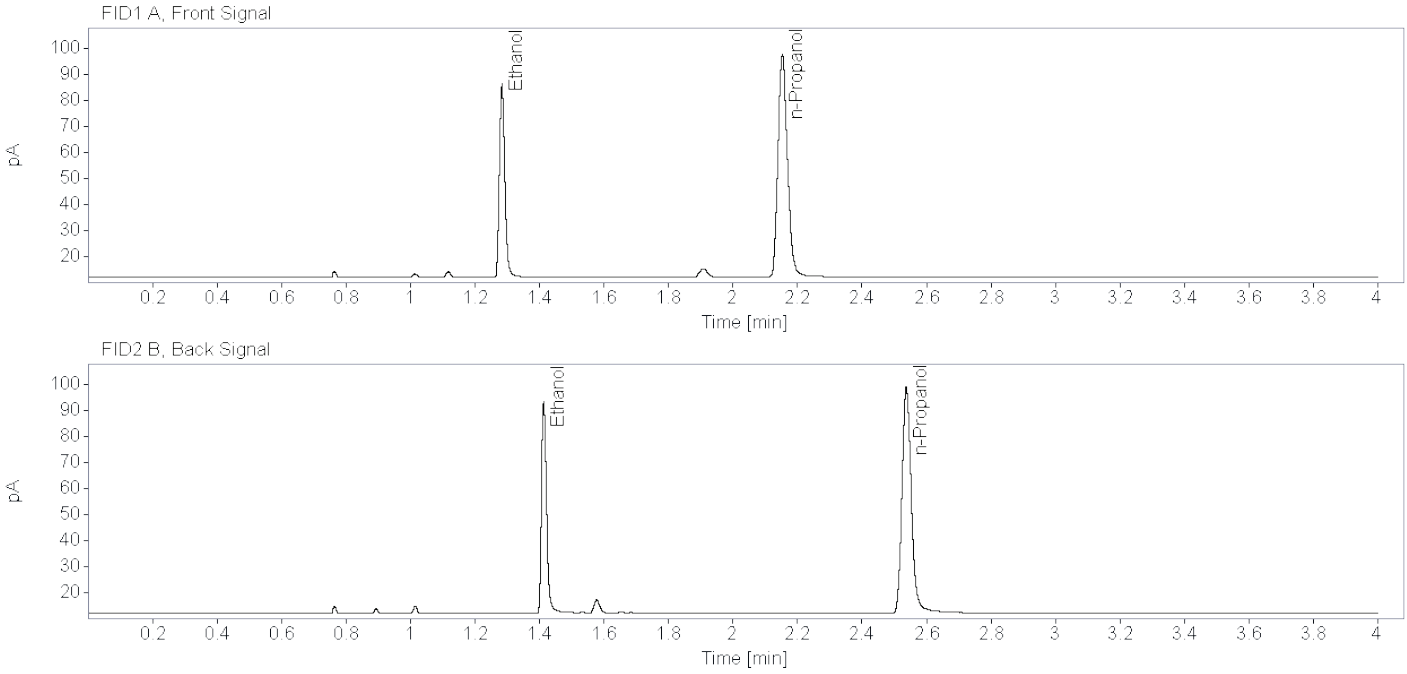
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2262 001_001 (24-2636) **Description:** Alq 1 **Sample Barcode** 24-2636 **Vial Number:** 21

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:08:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76291	1.284	1.281	85.7264	0.0887
n-Propanol	0.79816	2.153	2.152	173.0811	0.0100

Name FID2B

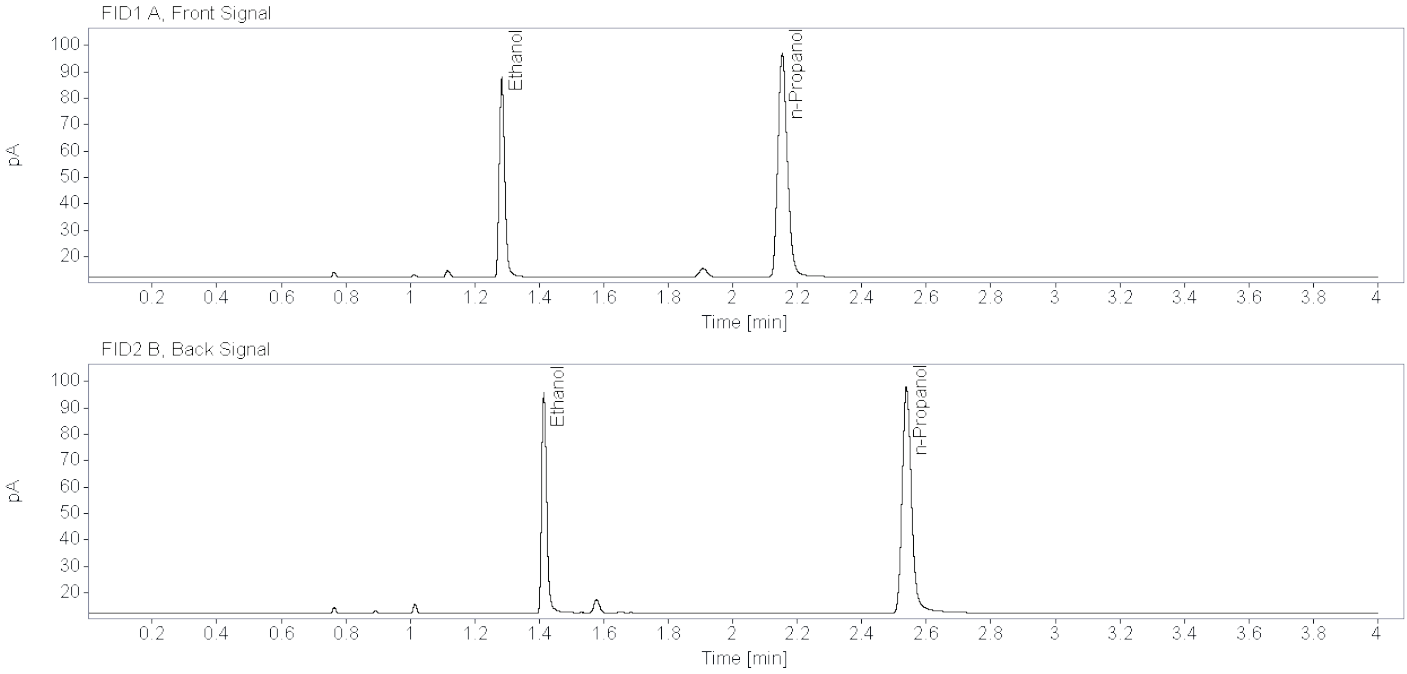
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73658	1.413	1.410	86.3327	0.0886
n-Propanol	0.82767	2.537	2.535	171.6769	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2262 001_001 (24-2682) **Description:** Alq 2 **Sample Barcode** 24-2682 **Vial Number:** 67

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 7:08:41 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76016	1.284	1.281	88.0618	0.0917
n-Propanol	0.78706	2.153	2.152	171.9136	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76012	1.414	1.410	88.9925	0.0925
n-Propanol	0.80721	2.539	2.535	169.4811	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2279 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1543	Aliquot 1:	0.1543
	Aliquot 2:	0.1620	Aliquot 2:	0.1627

Reported Result: **0.158** **g/100 mL**

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

Comments:

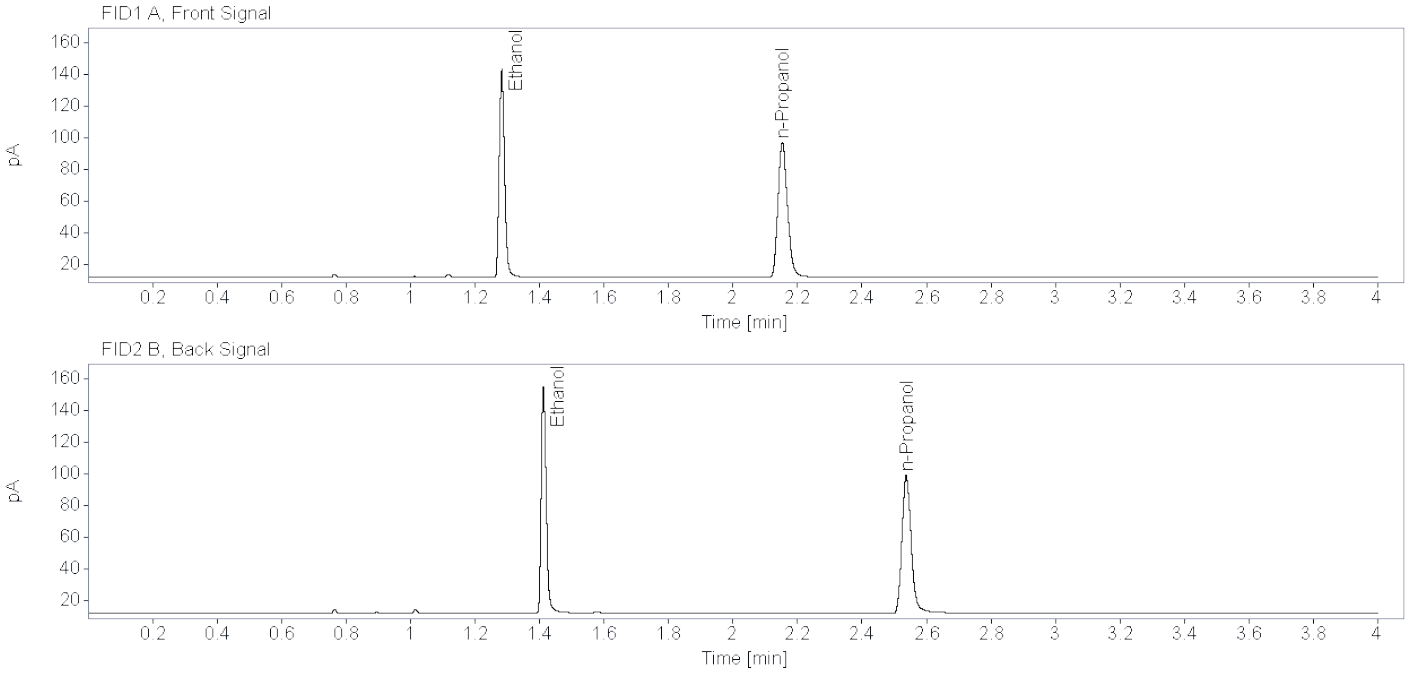
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2279 001_001 (24-2638) **Description:** Alq 1 **Sample Barcode** 24-2638 **Vial Number:** 23

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:19:01 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77496	1.283	1.281	149.6178	0.1543
n-Propanol	0.79447	2.153	2.152	172.7661	0.0100

Name FID2B

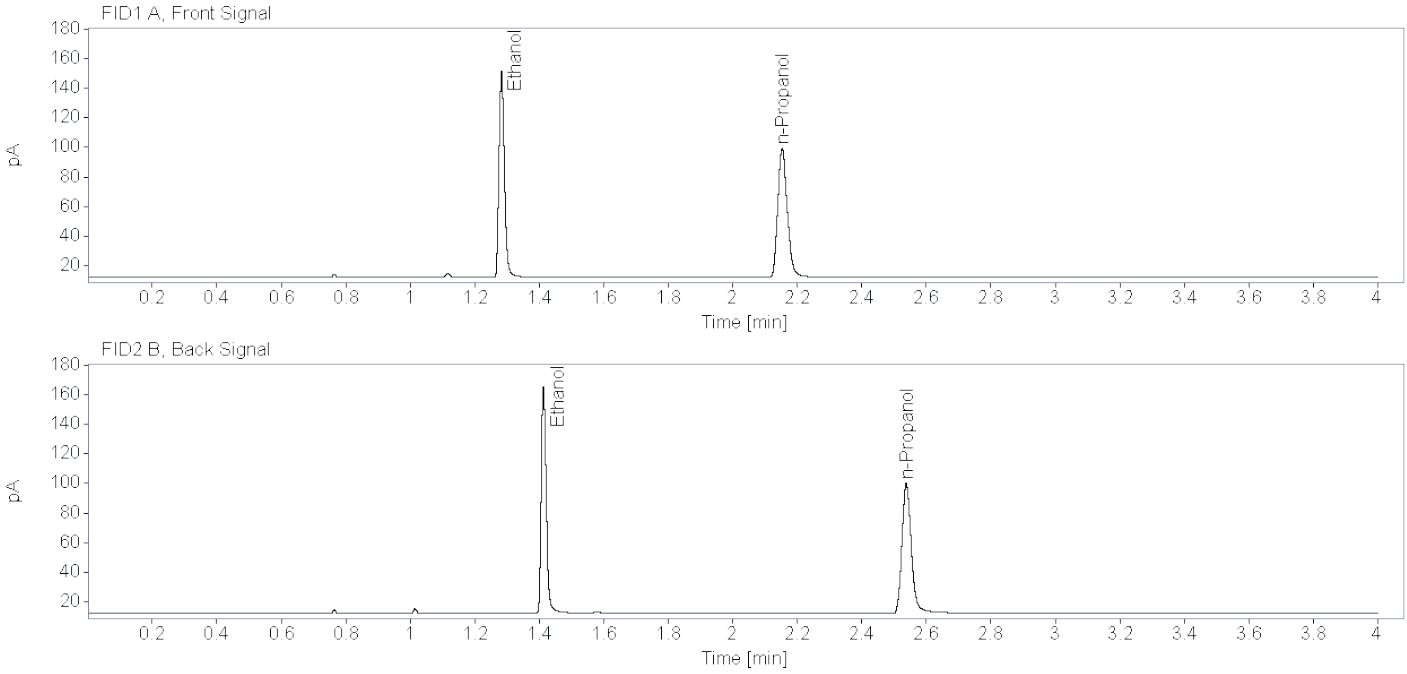
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75046	1.412	1.410	150.9714	0.1543
n-Propanol	0.82088	2.537	2.535	171.2562	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2279 001_001 (24-2680) **Description:** Alq 2 **Sample Barcode** 24-2680 **Vial Number:** 65

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:58:17 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\065F6501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77679	1.283	1.281	160.2473	0.1620
n-Propanol	0.78846	2.153	2.152	176.1849	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75795	1.413	1.410	161.8824	0.1627
n-Propanol	0.81238	2.538	2.535	174.1574	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2280 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2898	Aliquot 1:	0.2898
	Aliquot 2:	0.2830	Aliquot 2:	0.2854

Reported Result: 0.287 g/100 mL

Reported UM: 0.046 g/100 mL

Comments:

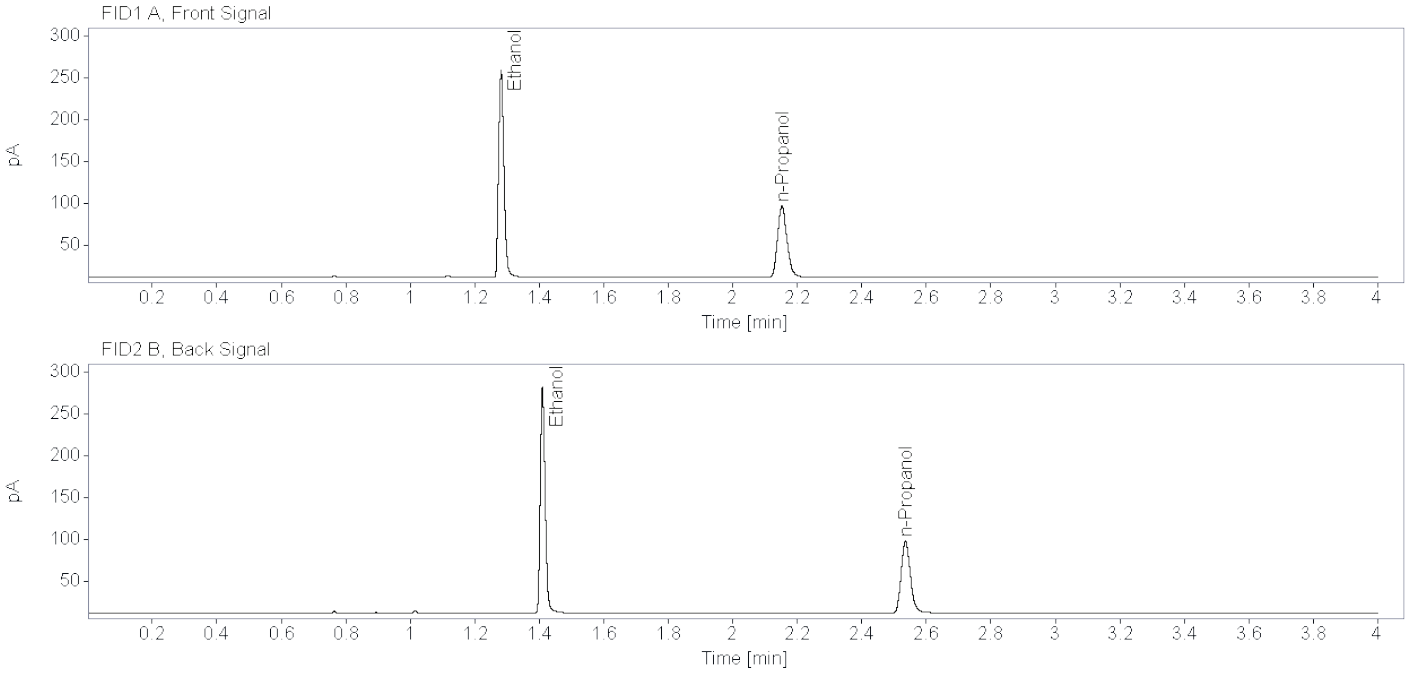
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2280 001_001 (24-2639) **Description:** Alq 1 **Sample Barcode** 24-2639 **Vial Number:** 24

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:23:53 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78190	1.282	1.281	280.2617	0.2898
n-Propanol	0.78499	2.152	2.152	171.7290	0.0100

Name FID2B

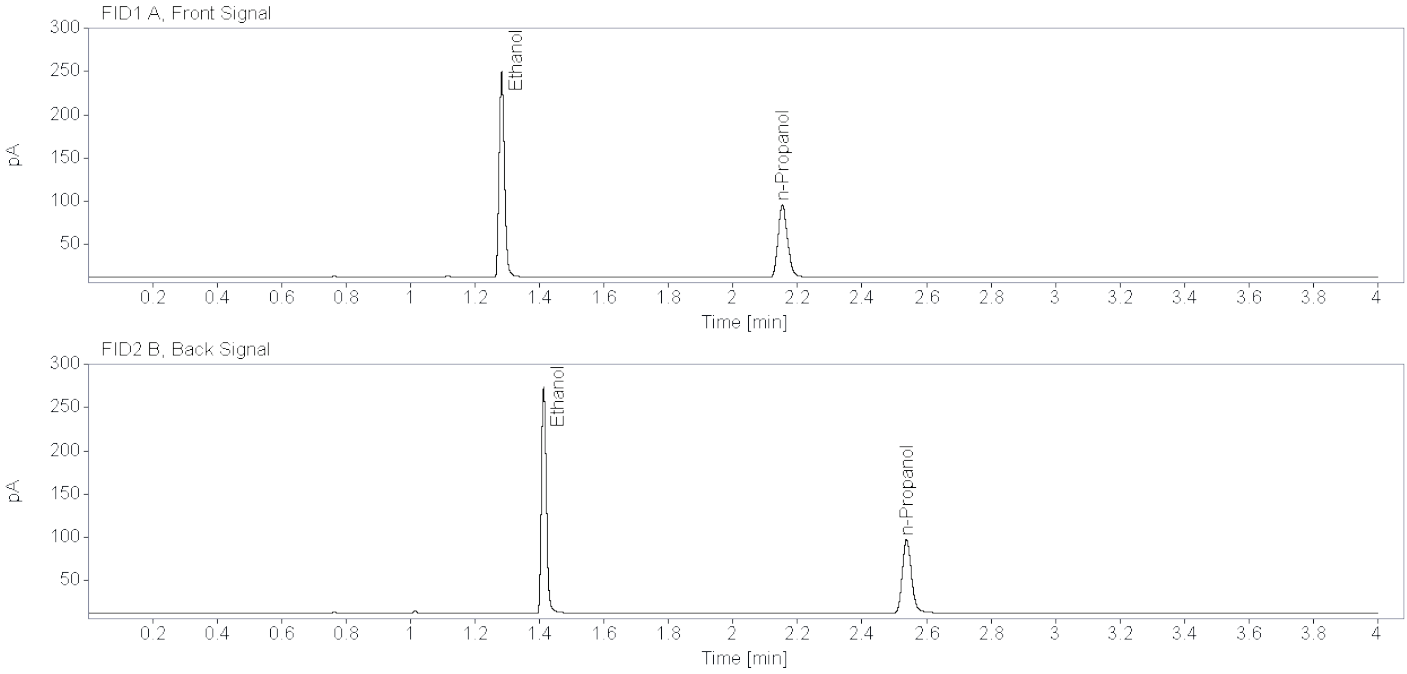
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77827	1.410	1.410	283.3228	0.2898
n-Propanol	0.81318	2.535	2.535	170.4334	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2280 001_001 (24-2679) **Description:** Alq 2 **Sample Barcode** 24-2679 **Vial Number:** 64

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:53:19 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78043	1.283	1.281	271.3393	0.2830
n-Propanol	0.79042	2.153	2.152	170.2842	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79854	1.413	1.410	275.2888	0.2854
n-Propanol	0.80878	2.538	2.535	168.1349	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2281 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1696	Aliquot 1:	0.1692
	Aliquot 2:	0.1753	Aliquot 2:	0.1771

Reported Result: 0.172 g/100 mL

Reported UM: 0.028 g/100 mL

Comments:

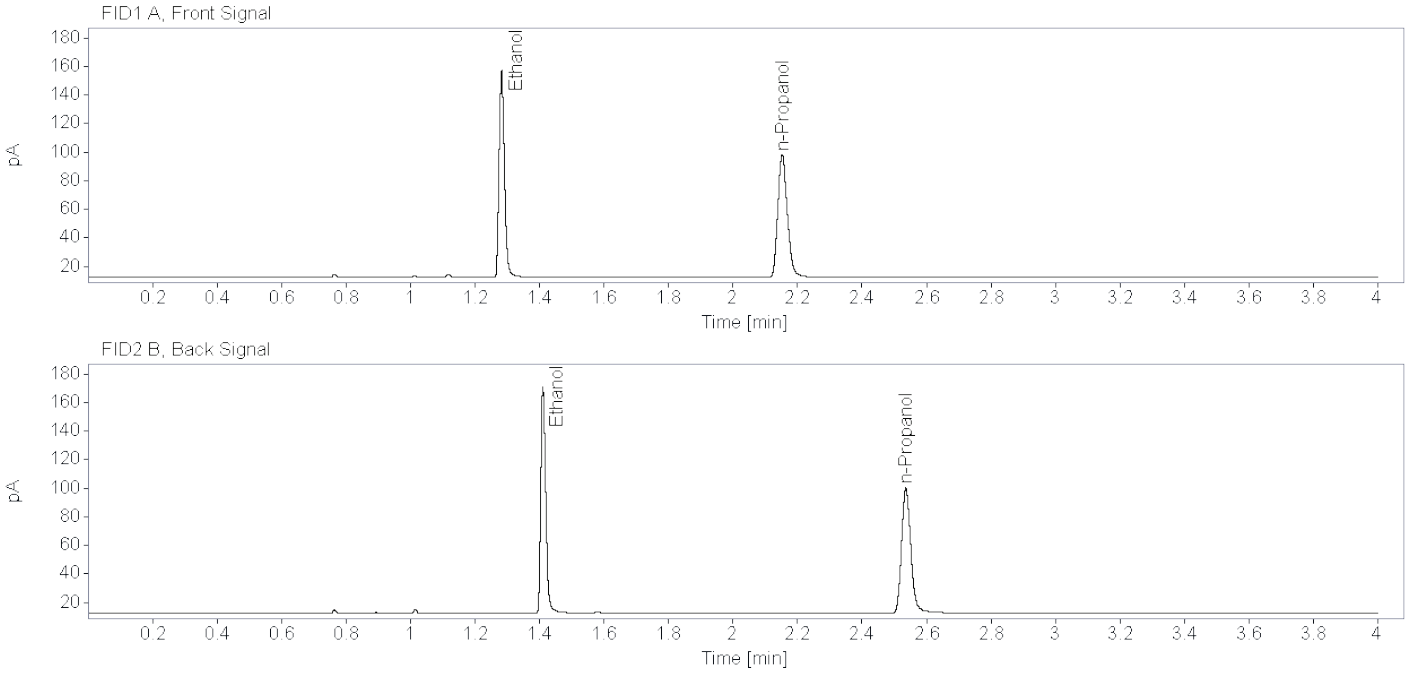
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2281 001_001 (24-2640) **Description:** Alq 1 **Sample Barcode** 24-2640 **Vial Number:** 25

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:29:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76937	1.282	1.281	166.2745	0.1696
n-Propanol	0.78880	2.152	2.152	174.5238	0.0100

Name FID2B

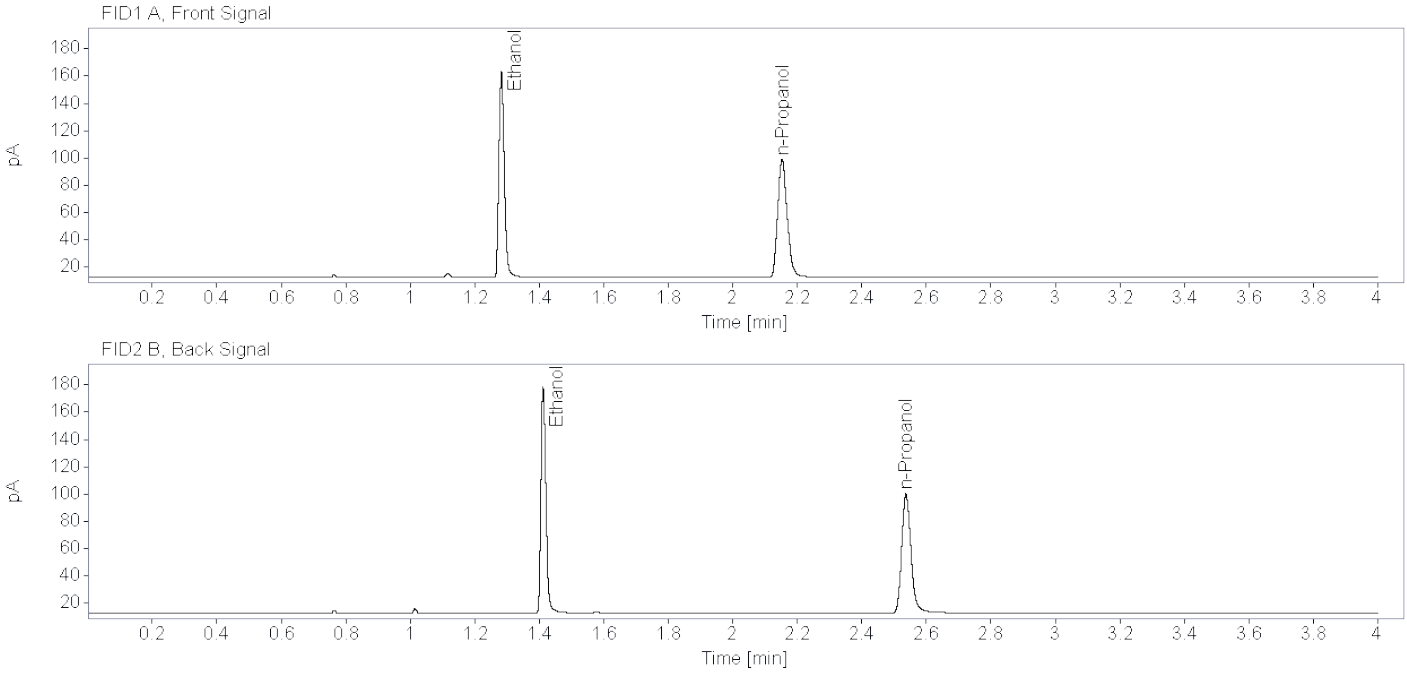
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75176	1.411	1.410	167.6492	0.1692
n-Propanol	0.81265	2.536	2.535	173.3505	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2281 001_001 (24-2678) **Description:** Alq 2 **Sample Barcode** 24-2678 **Vial Number:** 63

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:47:53 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77415	1.283	1.281	173.2521	0.1753
n-Propanol	0.78673	2.153	2.152	175.9460	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76755	1.412	1.410	175.8658	0.1771
n-Propanol	0.80925	2.537	2.535	173.6649	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2282 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2848	Aliquot 1:	0.2856
	Aliquot 2:	0.2918	Aliquot 2:	0.2936

Reported Result: **0.288** **g/100 mL**

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

Comments:

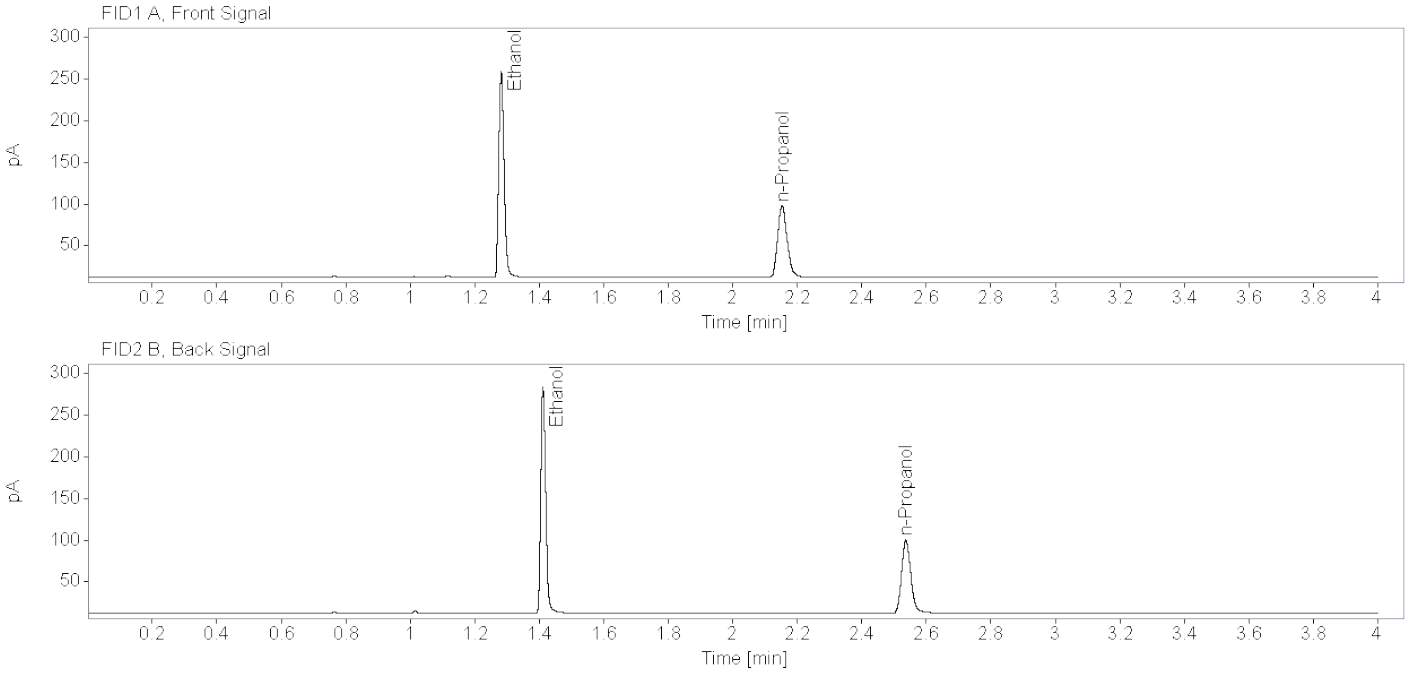
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2282 001_001 (24-2641) **Description:** Alq 1 **Sample Barcode** 24-2641 **Vial Number:** 26

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:34:18 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79090	1.282	1.281	280.1056	0.2848
n-Propanol	0.79246	2.153	2.152	174.6609	0.0100

Name FID2B

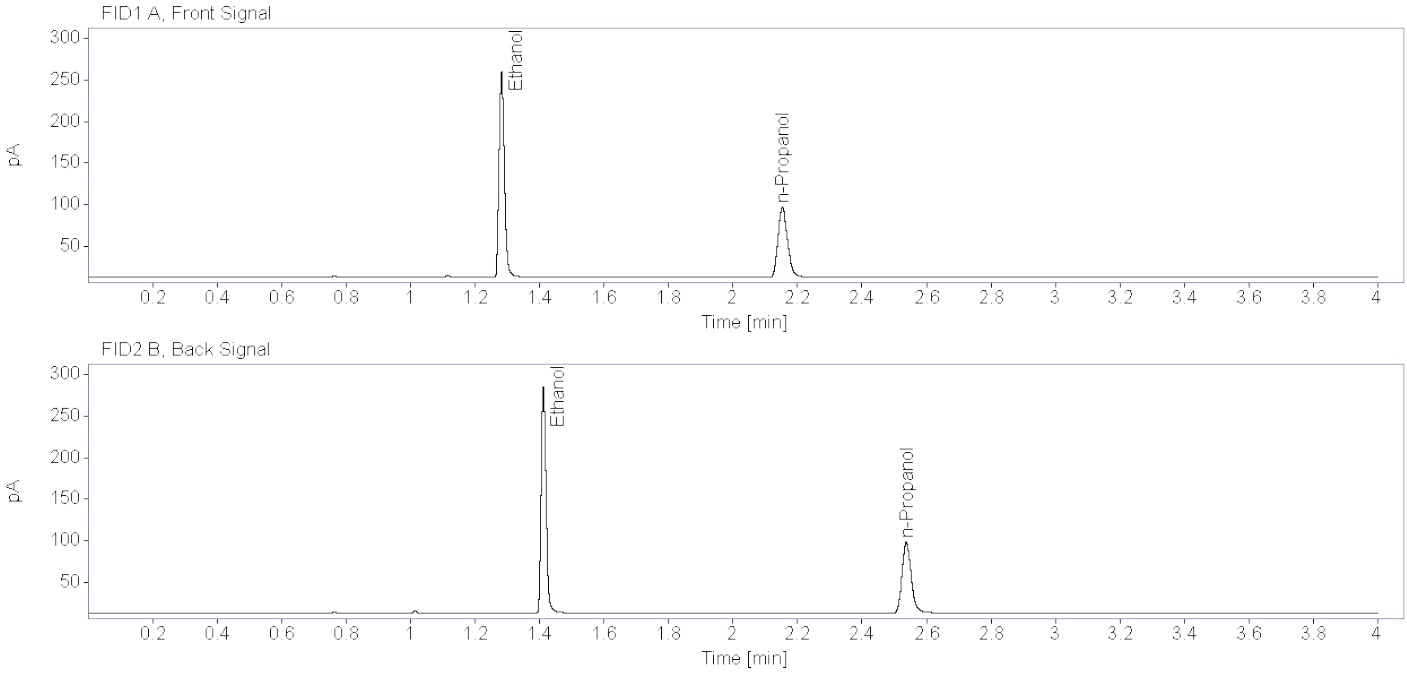
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79110	1.412	1.410	283.5890	0.2856
n-Propanol	0.81297	2.537	2.535	173.1280	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2282 001_001 (24-2677) **Description:** Alq 2 **Sample Barcode** 24-2677 **Vial Number:** 62

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:42:55 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78944	1.282	1.281	282.5783	0.2918
n-Propanol	0.78852	2.153	2.152	171.9771	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78984	1.412	1.410	286.9112	0.2936
n-Propanol	0.81068	2.537	2.535	170.3154	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2286 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1765	Aliquot 1:	0.1765
	Aliquot 2:	0.1745	Aliquot 2:	0.1756

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

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

Comments:

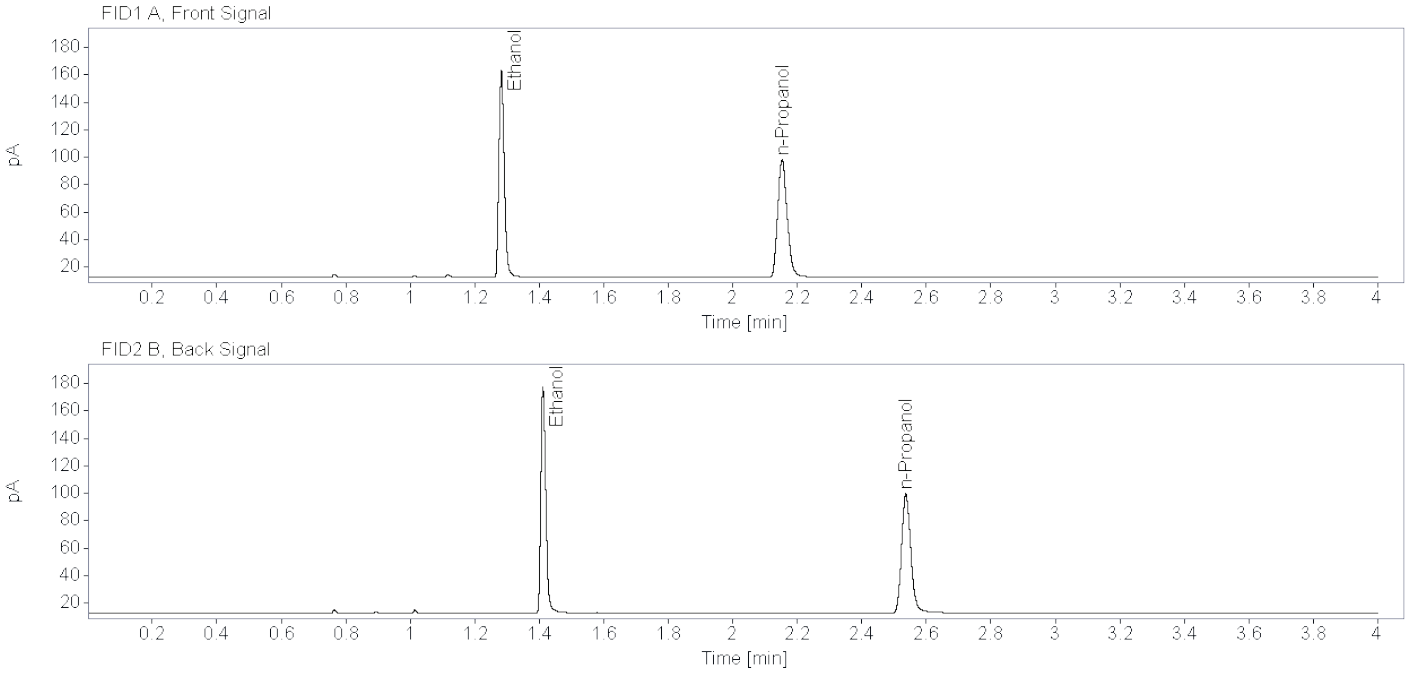
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2286 001_001 (24-2642) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 27

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:39:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77262	1.283	1.281	172.4225	0.1765
n-Propanol	0.79249	2.153	2.152	173.9263	0.0100

Name FID2B

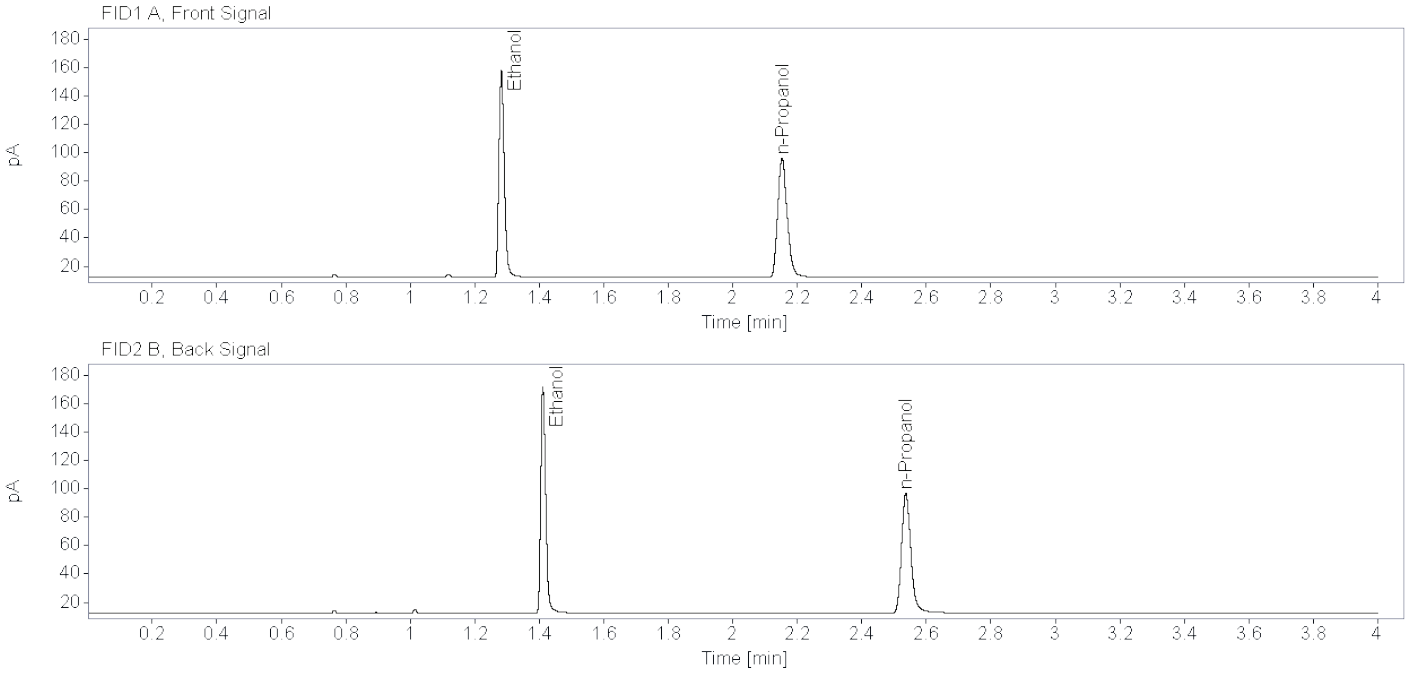
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75634	1.412	1.410	173.9681	0.1765
n-Propanol	0.81376	2.537	2.535	172.3256	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2286 001_001 (24-2676) **Description:** Alq 2 **Sample Barcode** 24-2676 **Vial Number:** 61

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:36:38 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76224	1.283	1.281	166.3456	0.1745
n-Propanol	0.78306	2.153	2.152	169.6681	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75738	1.412	1.410	168.6255	0.1756
n-Propanol	0.80266	2.537	2.535	167.9576	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2290 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2185	Aliquot 1:	0.2200
	Aliquot 2:	0.2277	Aliquot 2:	0.2298

Reported Result: **0.224** **g/100 mL**

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

Comments:

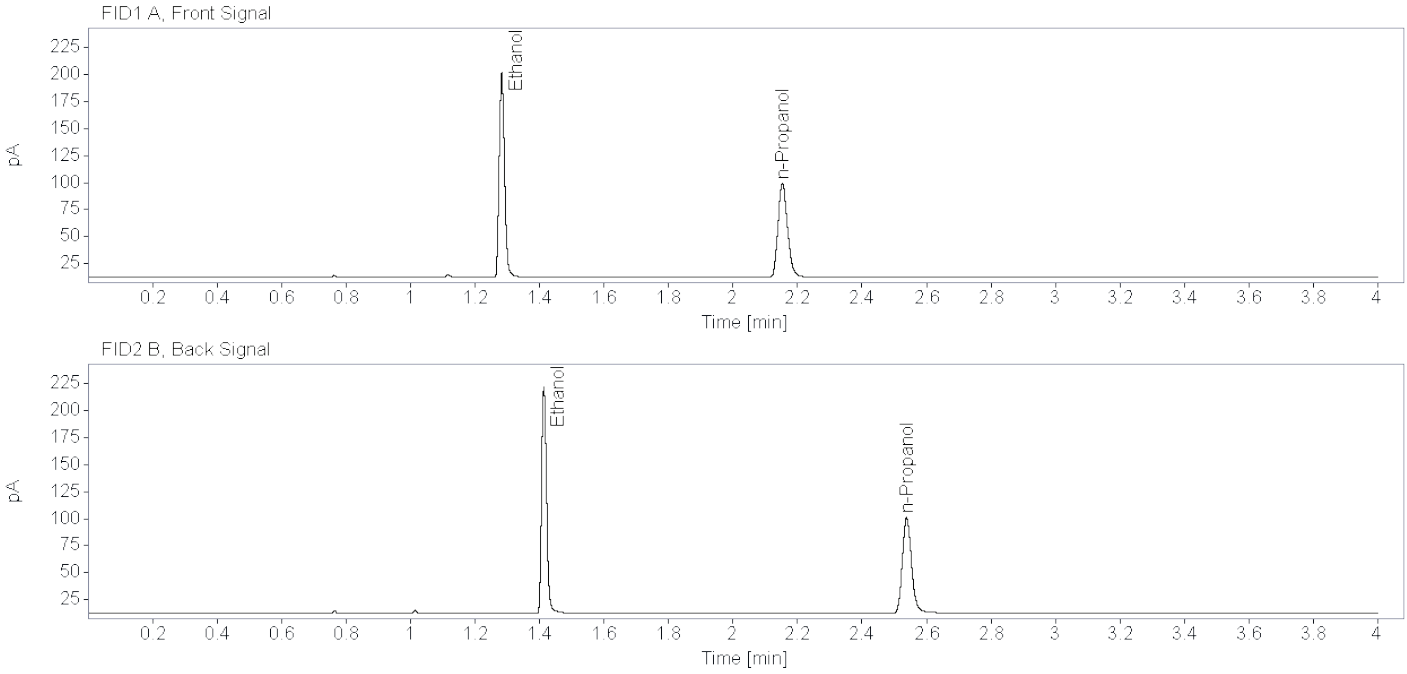
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2290 001_001 (24-2643) **Description:** Alq 1 **Sample Barcode** 24-2643 **Vial Number:** 28

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:45:24 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78850	1.283	1.281	217.6062	0.2185
n-Propanol	0.79955	2.153	2.152	177.0525	0.0100

Name FID2B

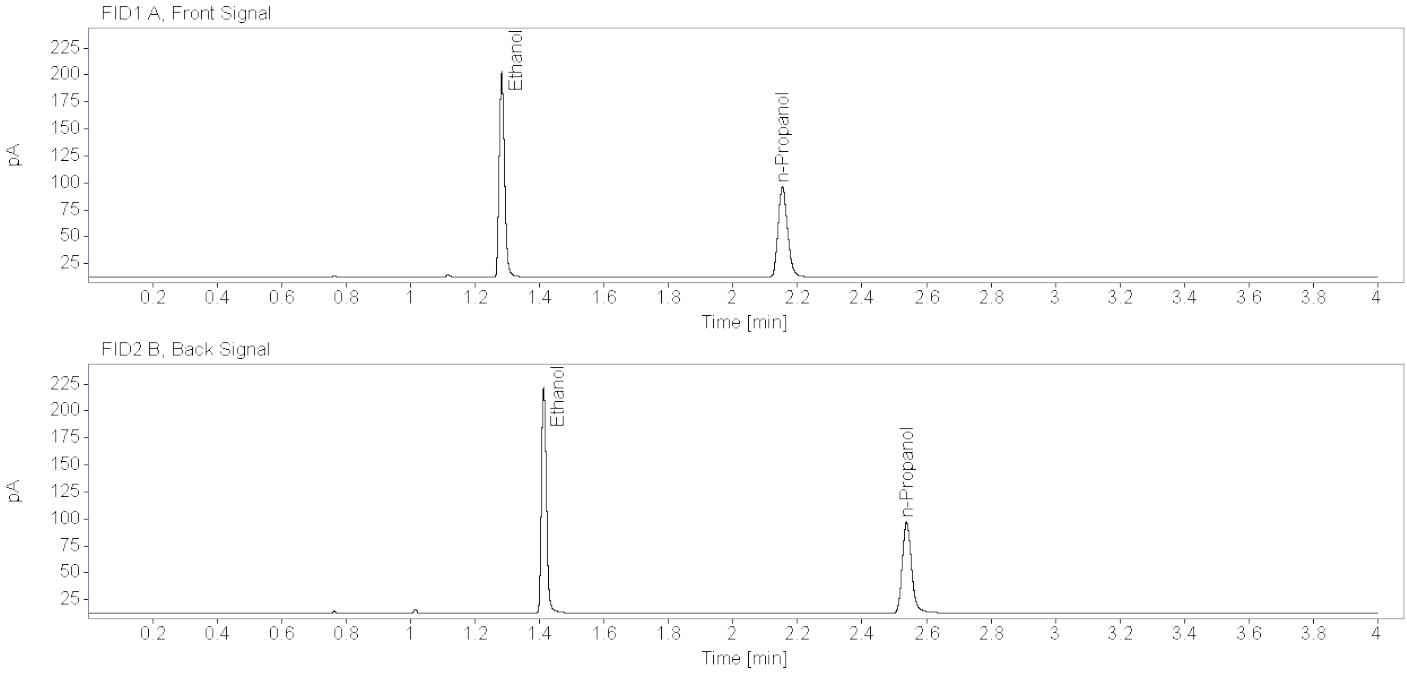
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80598	1.414	1.410	220.5953	0.2200
n-Propanol	0.82158	2.538	2.535	175.0869	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2290 001_001 (24-2675) **Description:** Alq 2 **Sample Barcode** 24-2675 **Vial Number:** 60

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:31:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77789	1.283	1.281	218.0137	0.2277
n-Propanol	0.79466	2.153	2.152	170.2052	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79441	1.413	1.410	221.2940	0.2298
n-Propanol	0.81247	2.538	2.535	168.0505	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2291 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1747	Aliquot 1:	0.1749
	Aliquot 2:	0.1796	Aliquot 2:	0.1822

Reported Result: **0.177** **g/100 mL**

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

Comments:

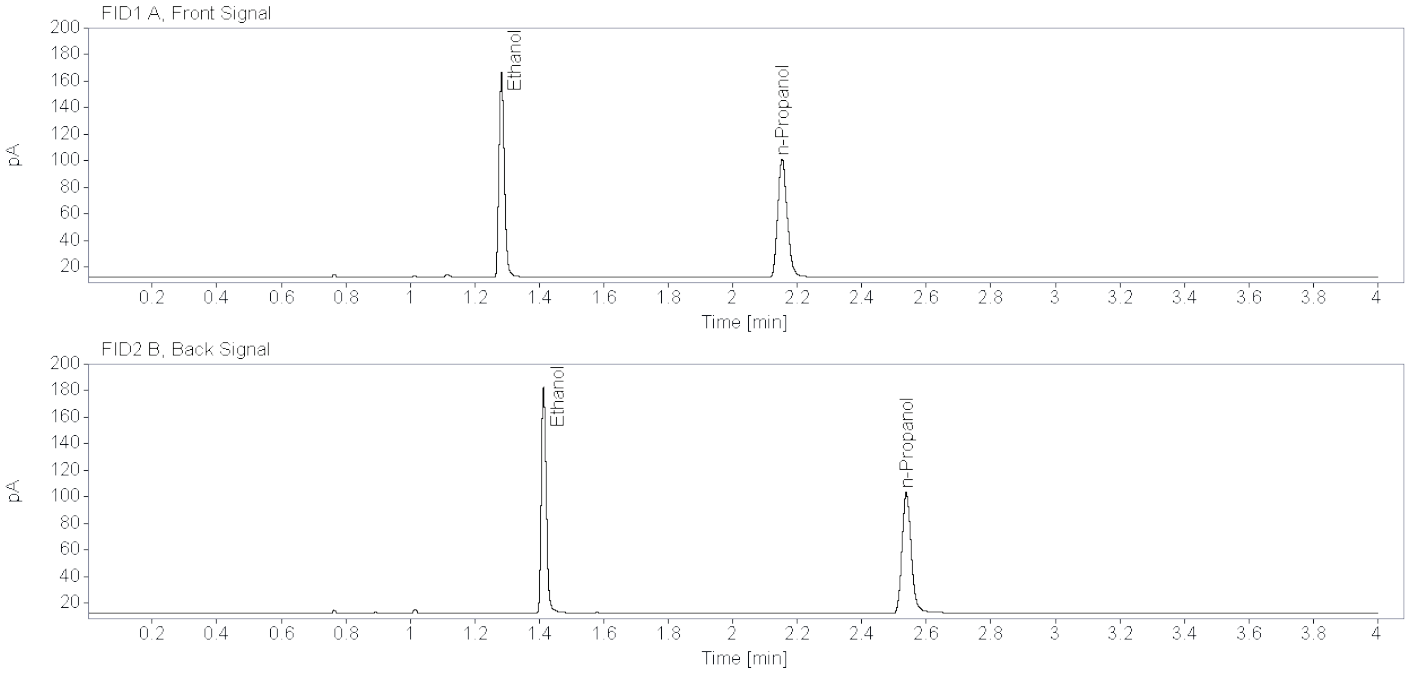
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2291 001_001 (24-2644) **Description:** Alq 1 **Sample Barcode** 24-2644 **Vial Number:** 29

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:50:14 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78093	1.283	1.281	177.2670	0.1747
n-Propanol	0.79449	2.153	2.152	180.6483	0.0100

Name FID2B

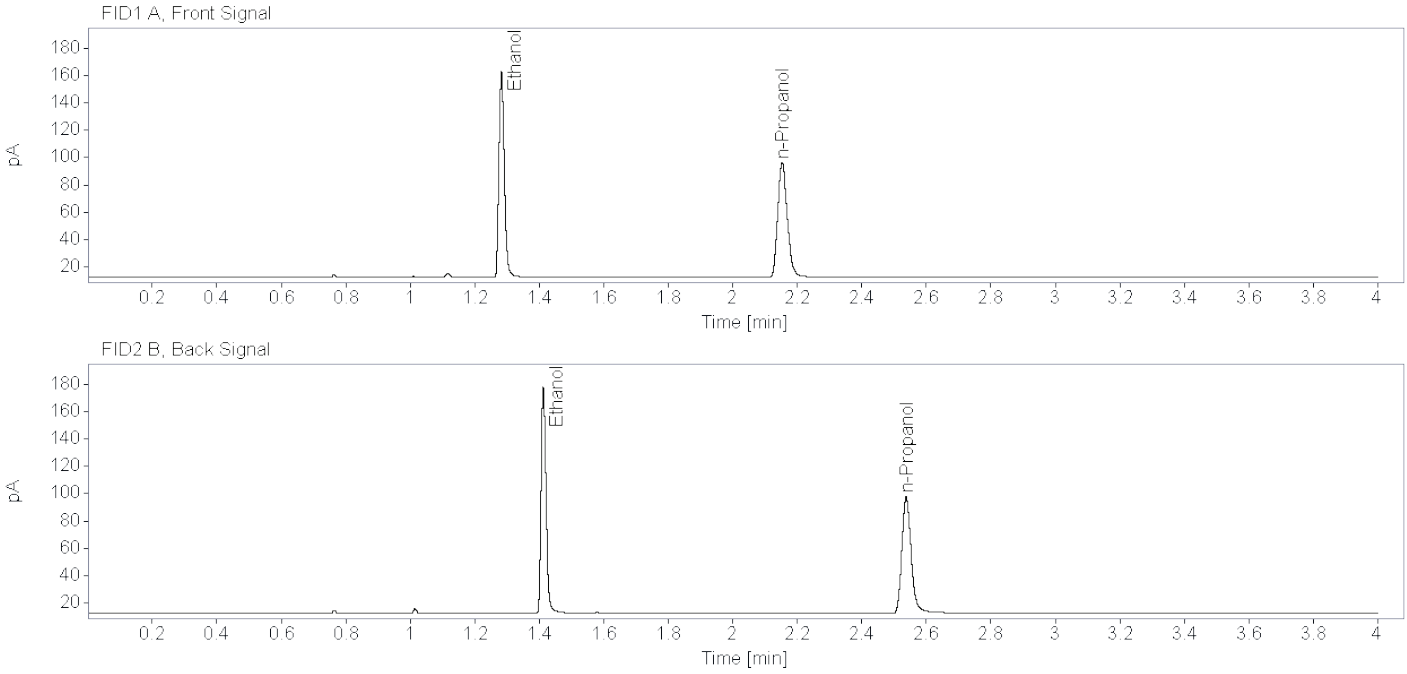
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77201	1.413	1.410	179.7374	0.1749
n-Propanol	0.82481	2.538	2.535	179.6877	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2291 001_001 (24-2674) **Description:** Alq 2 **Sample Barcode** 24-2674 **Vial Number:** 59

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:26:14 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78144	1.283	1.281	172.9435	0.1796
n-Propanol	0.79087	2.153	2.152	171.3363	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77833	1.413	1.410	175.8433	0.1822
n-Propanol	0.80886	2.538	2.535	168.7335	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2293 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1701	Aliquot 1:	0.1706
	Aliquot 2:	0.1801	Aliquot 2:	0.1818

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

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

Comments:

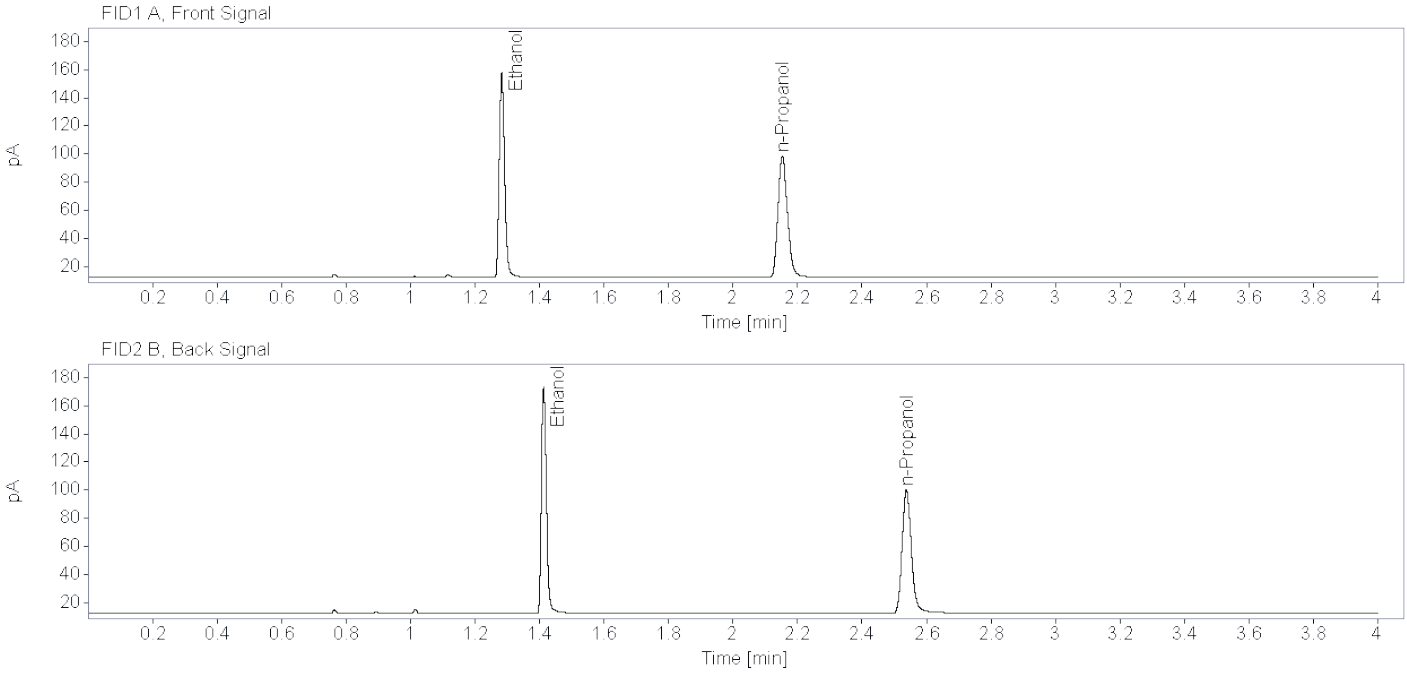
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2293 001_001 (24-2645) **Description:** Alq 1 **Sample Barcode** 24-2645 **Vial Number:** 30

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 3:55:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77229	1.283	1.281	167.3371	0.1701
n-Propanol	0.79911	2.153	2.152	175.1914	0.0100

Name FID2B

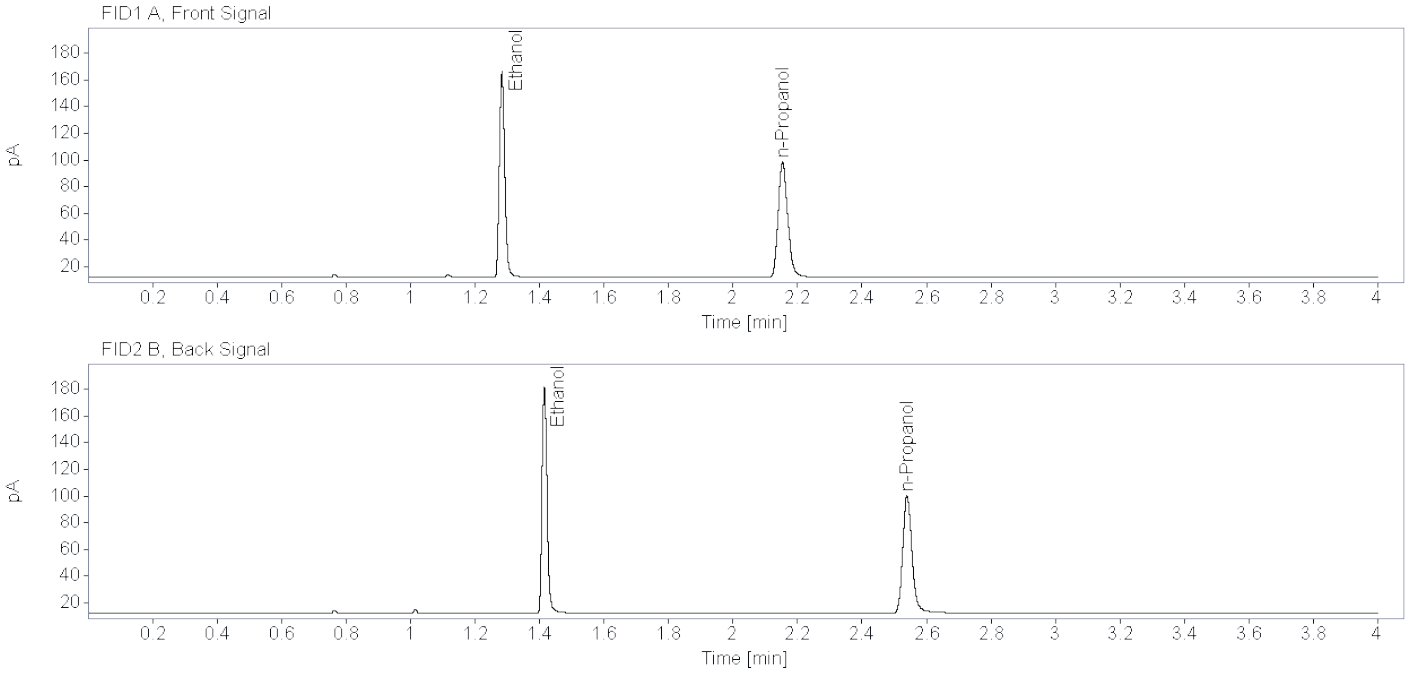
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77100	1.413	1.410	169.8439	0.1706
n-Propanol	0.82390	2.538	2.535	174.1476	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2293 001_001 (24-2673) **Description:** Alq 2 **Sample Barcode** 24-2673 **Vial Number:** 58

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:21:24 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78374	1.283	1.281	177.8392	0.1801
n-Propanol	0.79929	2.154	2.152	175.7504	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78770	1.415	1.410	180.3571	0.1818
n-Propanol	0.81232	2.540	2.535	173.4079	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2294 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2044	Aliquot 1:	0.2054
	Aliquot 2:	0.1981	Aliquot 2:	0.1991

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

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

Comments:

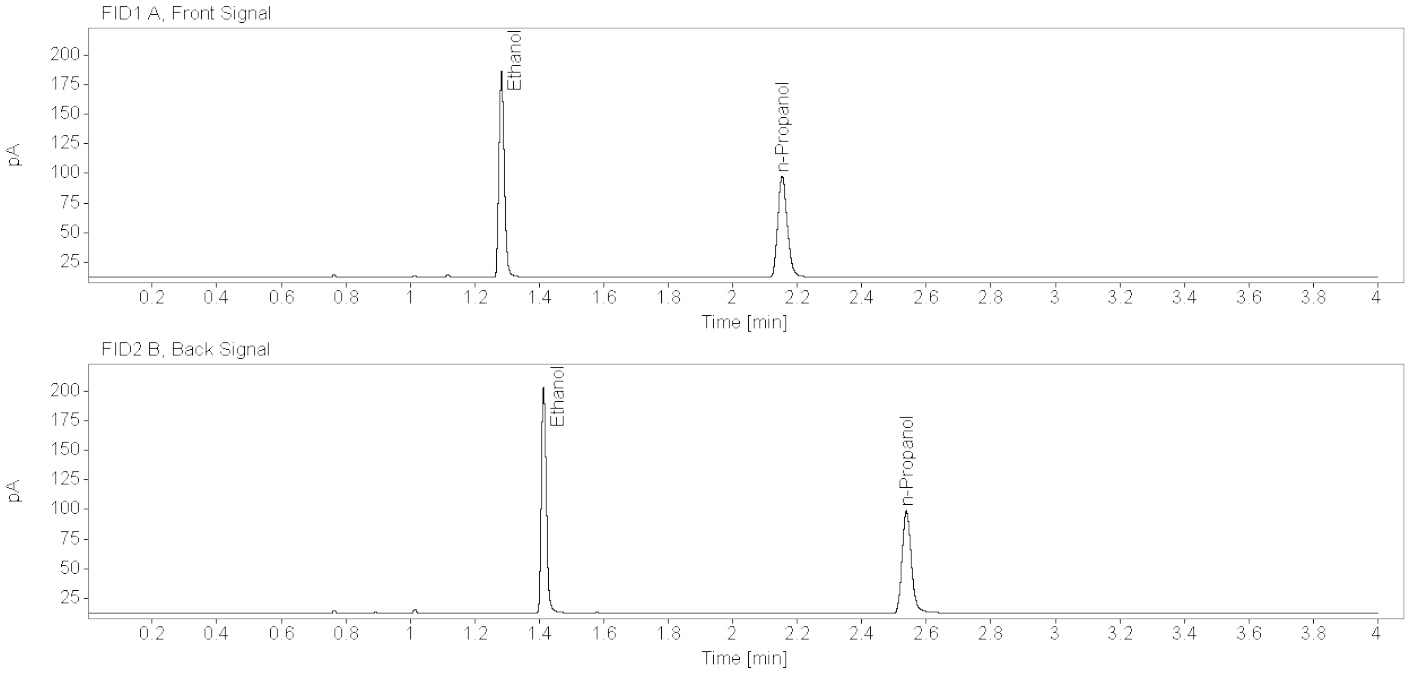
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2294 001_001 (24-2646) **Description:** Alq 1 **Sample Barcode** 24-2646 **Vial Number:** 31

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:00:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79911	1.283	1.281	199.0825	0.2044
n-Propanol	0.79506	2.153	2.152	173.2345	0.0100

Name FID2B

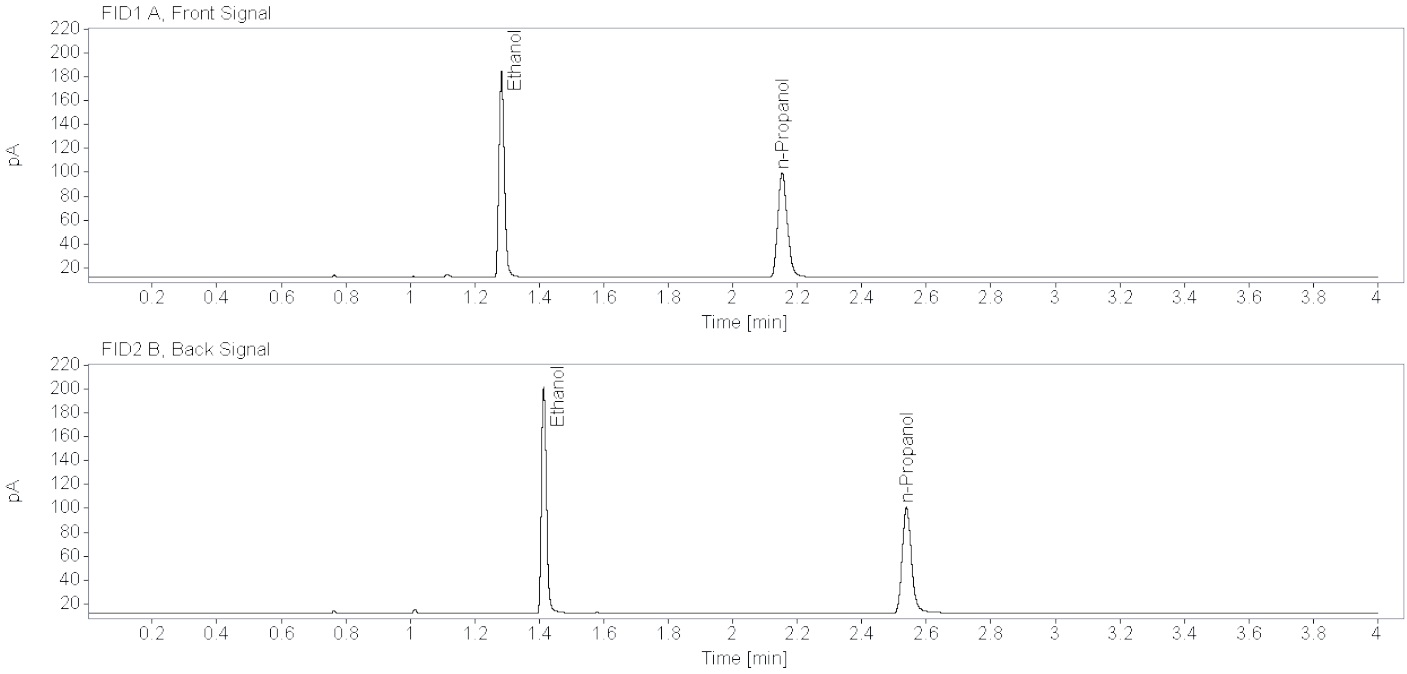
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78604	1.414	1.410	201.6374	0.2054
n-Propanol	0.82470	2.538	2.535	171.4693	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2294 001_001 (24-2672) **Description:** Alq 2 **Sample Barcode** 24-2672 **Vial Number:** 57

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:15:50 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79759	1.283	1.281	197.9287	0.1981
n-Propanol	0.79065	2.153	2.152	177.7531	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78949	1.414	1.410	200.1888	0.1991
n-Propanol	0.81683	2.539	2.535	175.6555	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2298 002_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0912	Aliquot 1:	0.0917
	Aliquot 2:	0.0930	Aliquot 2:	0.0931

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

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

Comments:

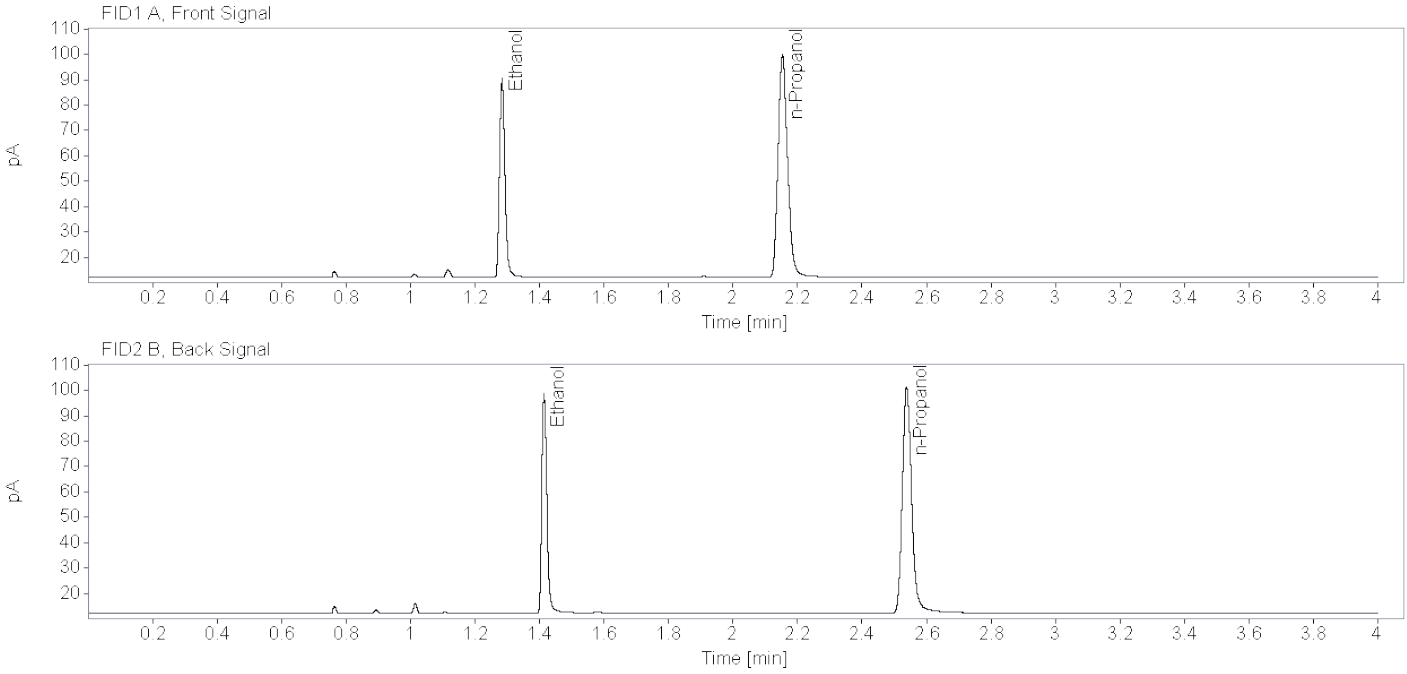
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2298 002_001 (24-2647) **Description:** Alq 1 **Sample Barcode** 24-2647 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:06:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76322	1.284	1.281	90.5617	0.0912
n-Propanol	0.80323	2.153	2.152	177.7134	0.0100

Name FID2B

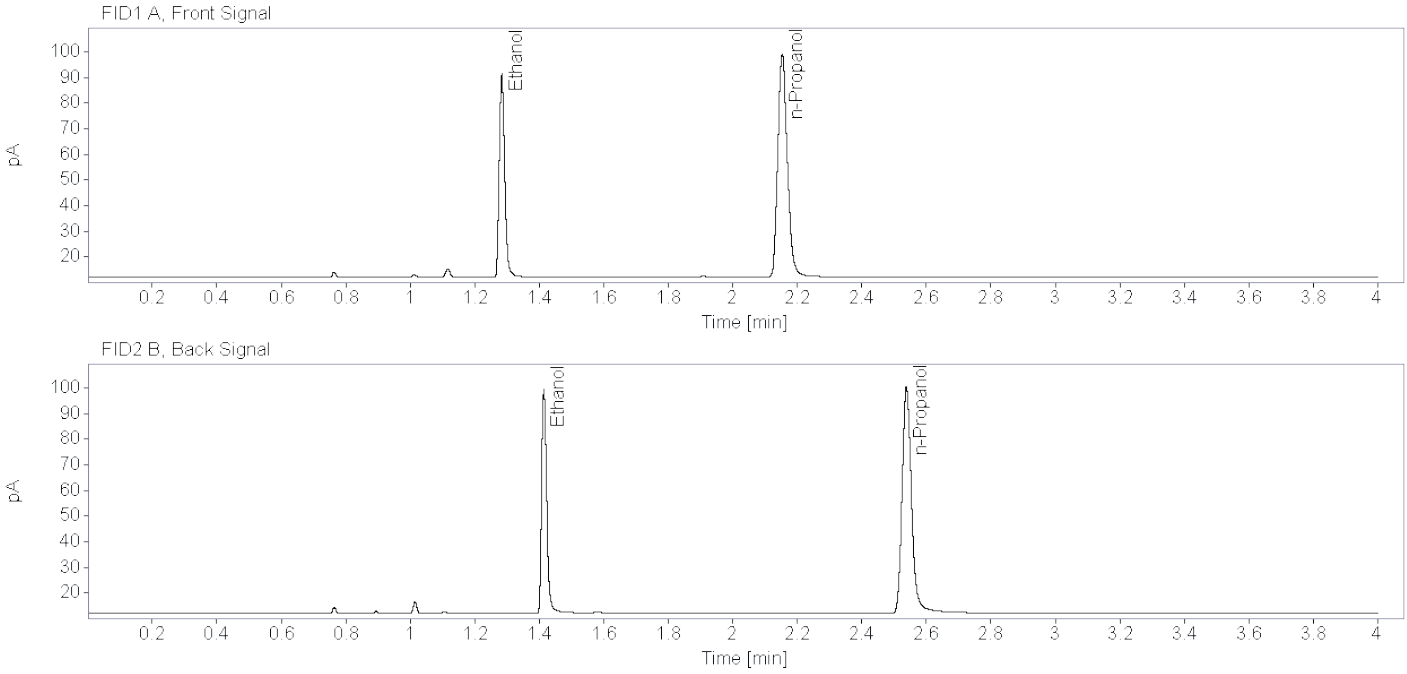
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75734	1.414	1.410	91.4016	0.0917
n-Propanol	0.81744	2.538	2.535	175.6193	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2298 002_001 (24-2671) **Description:** Alq 2 **Sample Barcode** 24-2671 **Vial Number:** 56

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:11:00 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76277	1.284	1.281	91.8578	0.0930
n-Propanol	0.79181	2.153	2.152	176.8013	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76311	1.414	1.410	92.7045	0.0931
n-Propanol	0.82147	2.539	2.535	175.3337	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2299 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1985	Aliquot 1:	0.1998
	Aliquot 2:	0.1967	Aliquot 2:	0.1978

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

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

Comments:

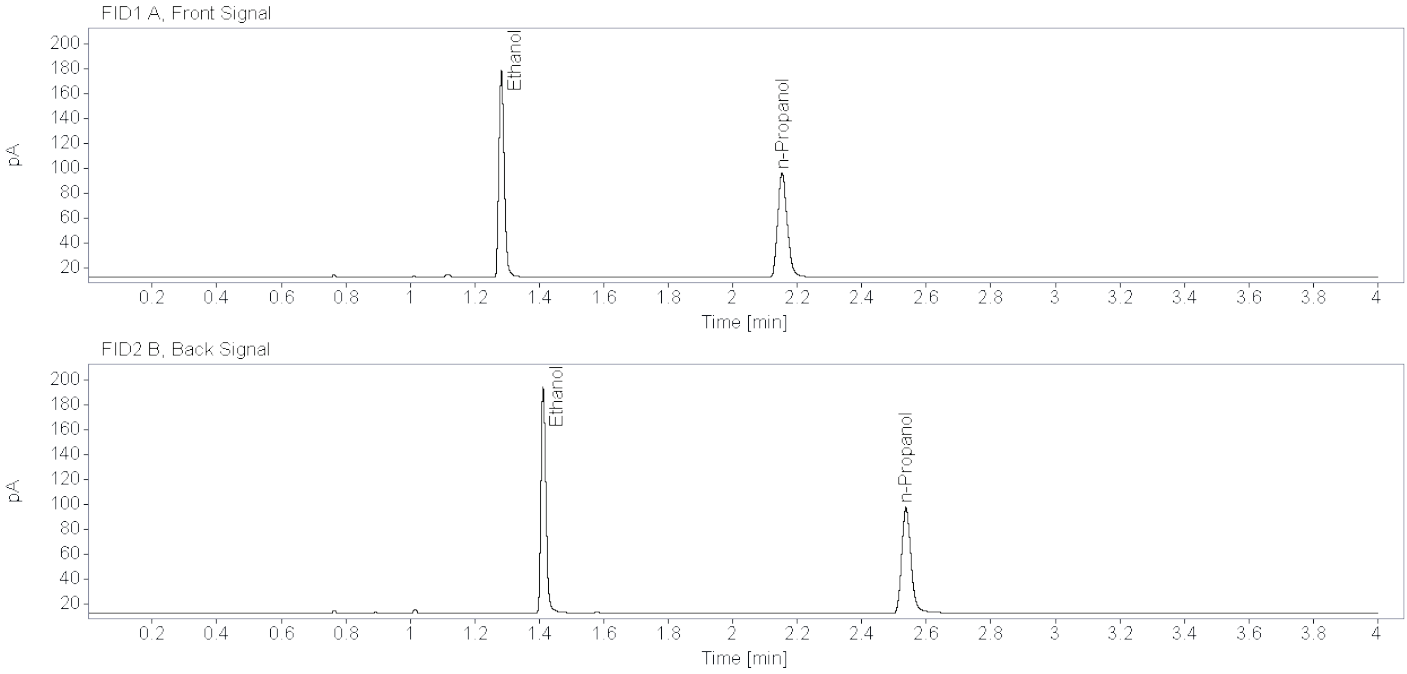
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2299 001_001 (24-2649) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:16:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78253	1.283	1.281	190.1256	0.1985
n-Propanol	0.79243	2.153	2.152	170.4062	0.0100

Name FID2B

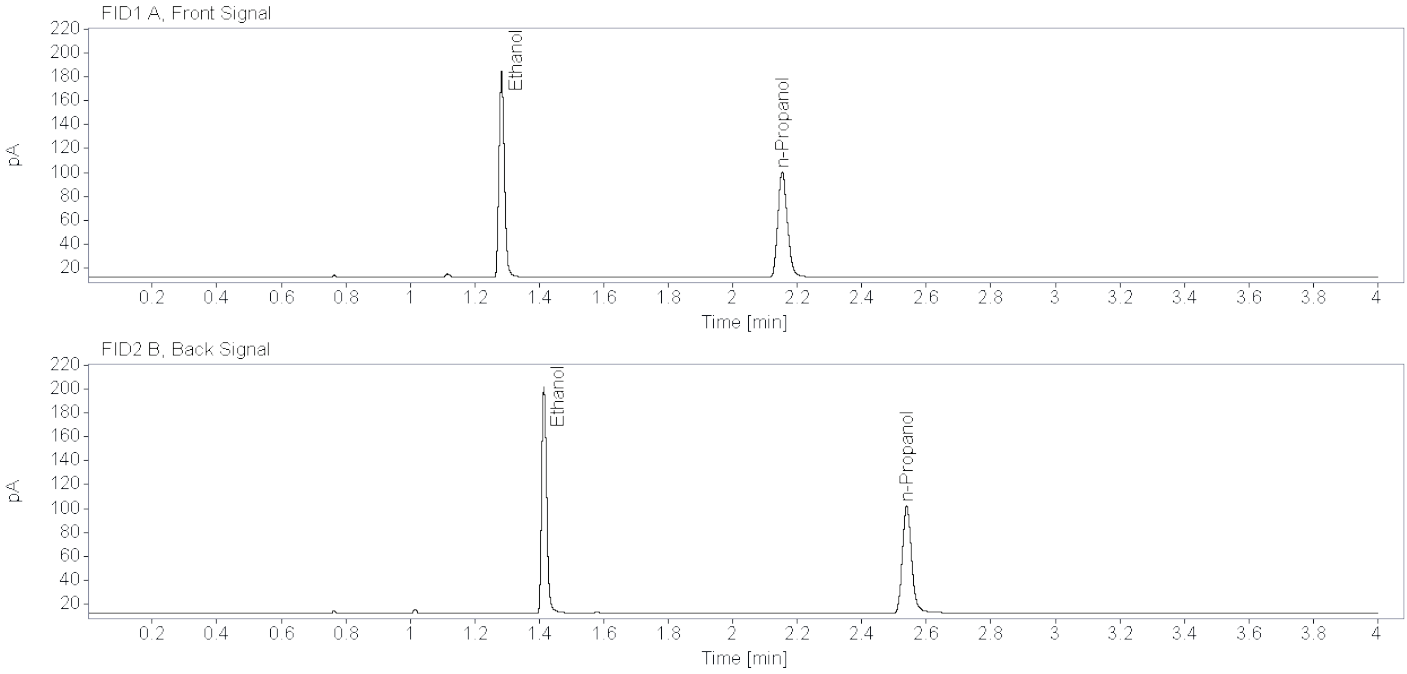
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76528	1.412	1.410	192.2944	0.1998
n-Propanol	0.81155	2.537	2.535	168.1416	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2299 001_001 (24-2669) **Description:** Alq 2 **Sample Barcode** 24-2669 **Vial Number:** 54

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 6:00:36 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80790	1.283	1.281	198.9354	0.1967
n-Propanol	0.79257	2.153	2.152	179.9422	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80318	1.415	1.410	200.6915	0.1978
n-Propanol	0.81842	2.539	2.535	177.2901	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2300 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1526	Aliquot 1:	0.1532
	Aliquot 2:	0.1503	Aliquot 2:	0.1510

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

Reported UM: **0.024** **g/100 mL**

Comments:

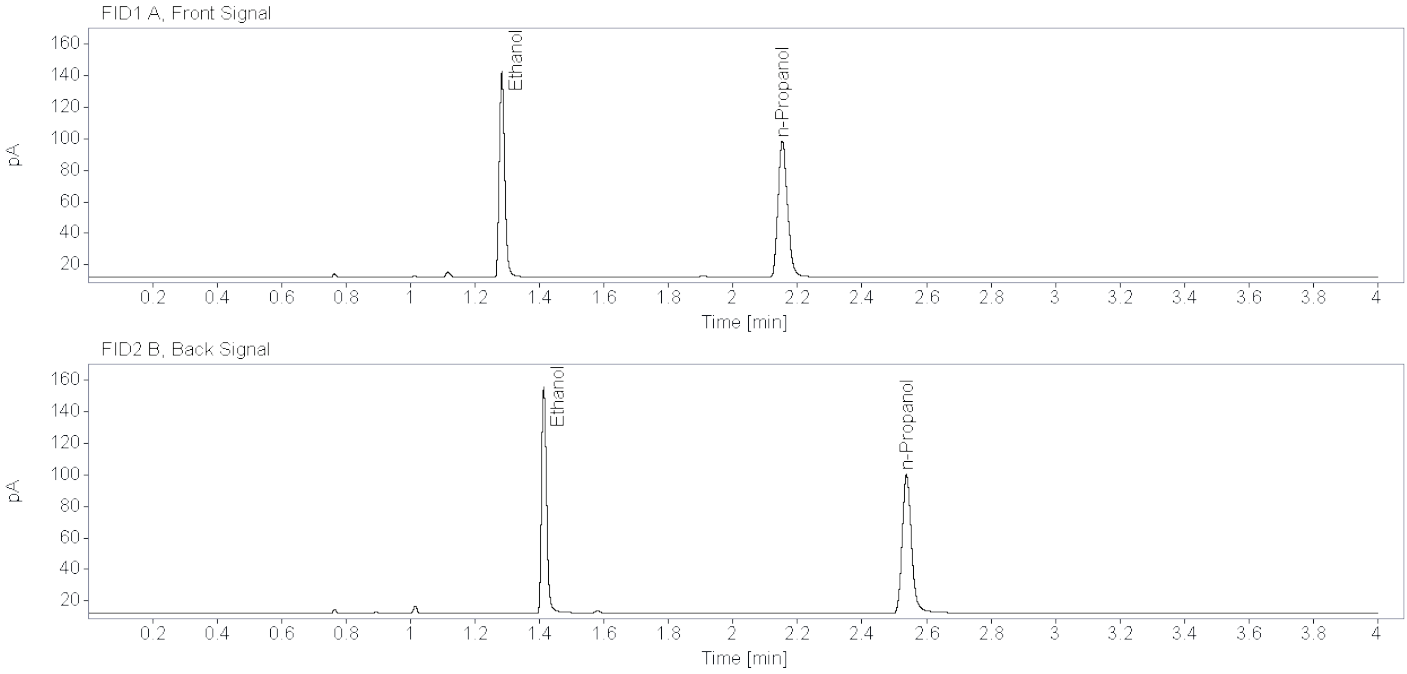
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2300 001_001 (24-2650) **Description:** Alq 1 **Sample Barcode** 24-2650 **Vial Number:** 35

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:21:26 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77074	1.283	1.281	150.1703	0.1526
n-Propanol	0.79470	2.153	2.152	175.3777	0.0100

Name FID2B

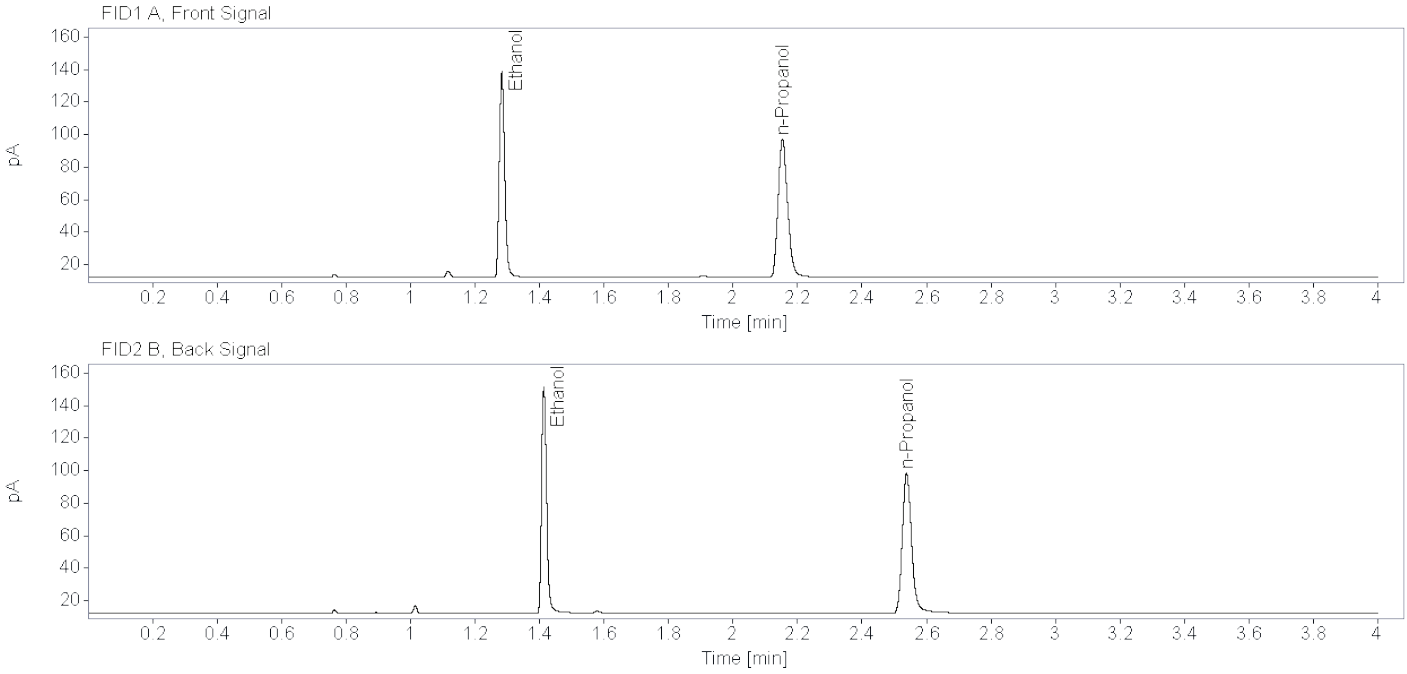
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76878	1.413	1.410	151.6747	0.1532
n-Propanol	0.81418	2.538	2.535	173.3673	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2300 001_001 (24-2668) **Description:** Alq 2 **Sample Barcode** 24-2668 **Vial Number:** 53

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:55:01 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78820	1.283	1.281	145.9104	0.1503
n-Propanol	0.79526	2.153	2.152	172.9729	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78347	1.414	1.410	147.1438	0.1510
n-Propanol	0.81343	2.538	2.535	170.5863	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2302 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2787	Aliquot 1:	0.2797
	Aliquot 2:	0.2745	Aliquot 2:	0.2766

Reported Result: **0.277** **g/100 mL**

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

Comments:

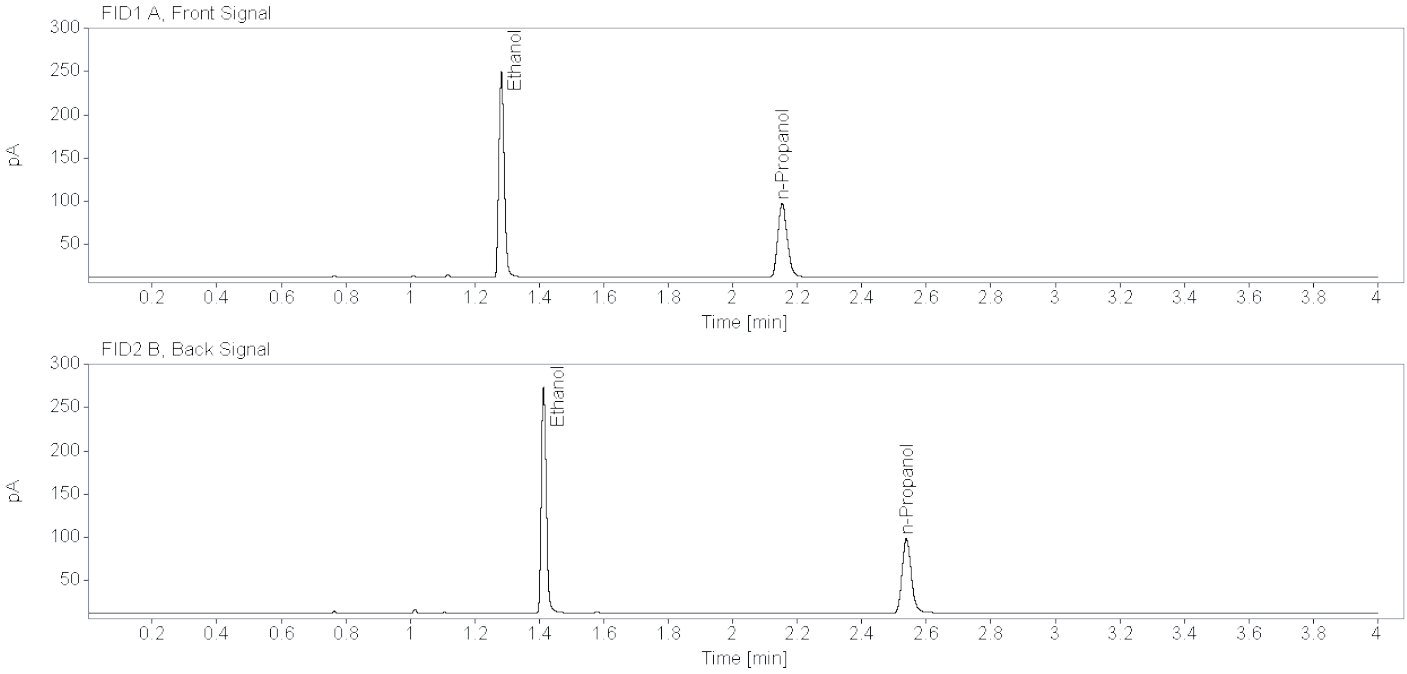
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2302 001_001 (24-2651) **Description:** Alq 1 **Sample Barcode** 24-2651 **Vial Number:** 36

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:27:00 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79828	1.283	1.281	271.5414	0.2787
n-Propanol	0.79626	2.153	2.152	173.0593	0.0100

Name FID2B

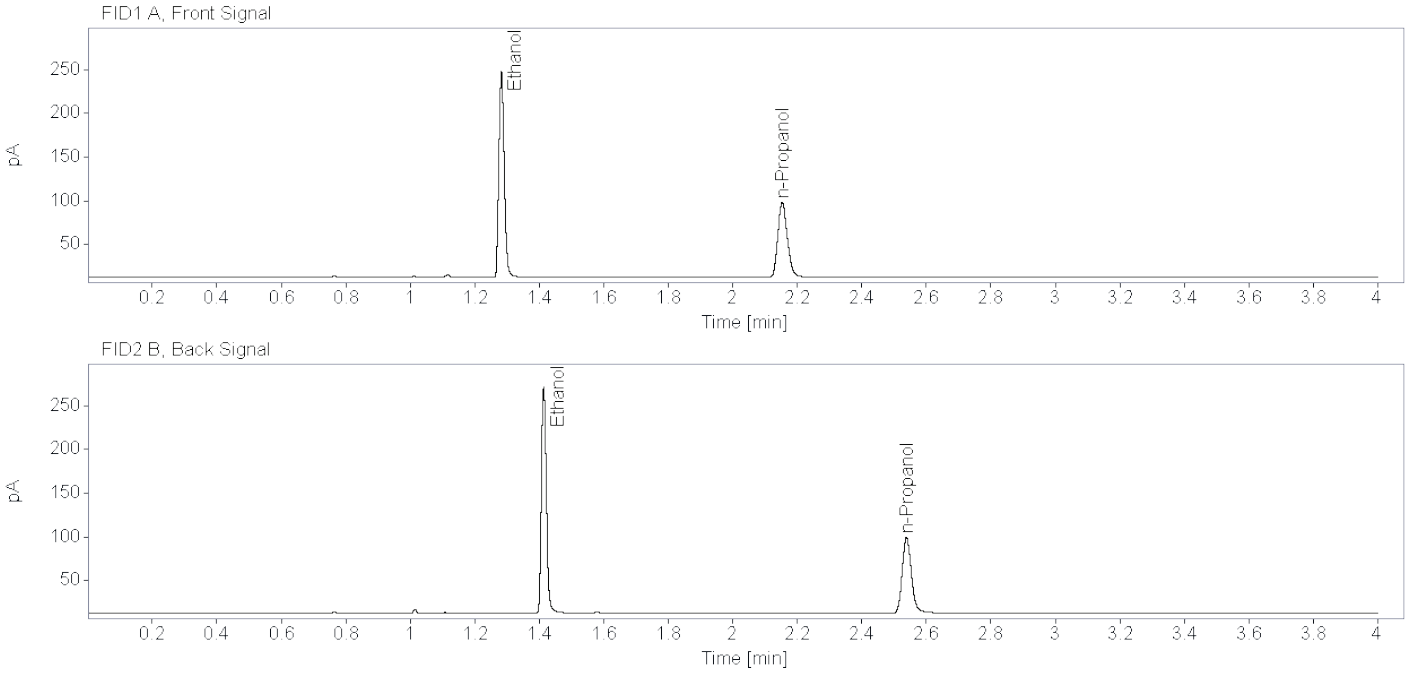
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79077	1.414	1.410	274.8241	0.2797
n-Propanol	0.82656	2.538	2.535	171.2869	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2302 001_001 (24-2667) **Description:** Alq 2 **Sample Barcode** 24-2667 **Vial Number:** 52

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:50:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80736	1.283	1.281	269.8453	0.2745
n-Propanol	0.79354	2.153	2.152	174.5962	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80475	1.414	1.410	273.0744	0.2766
n-Propanol	0.81000	2.539	2.535	172.1295	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2312 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2778	Aliquot 1:	0.2791
	Aliquot 2:	0.2775	Aliquot 2:	0.2797

Reported Result: **0.278** **g/100 mL**

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

Comments:

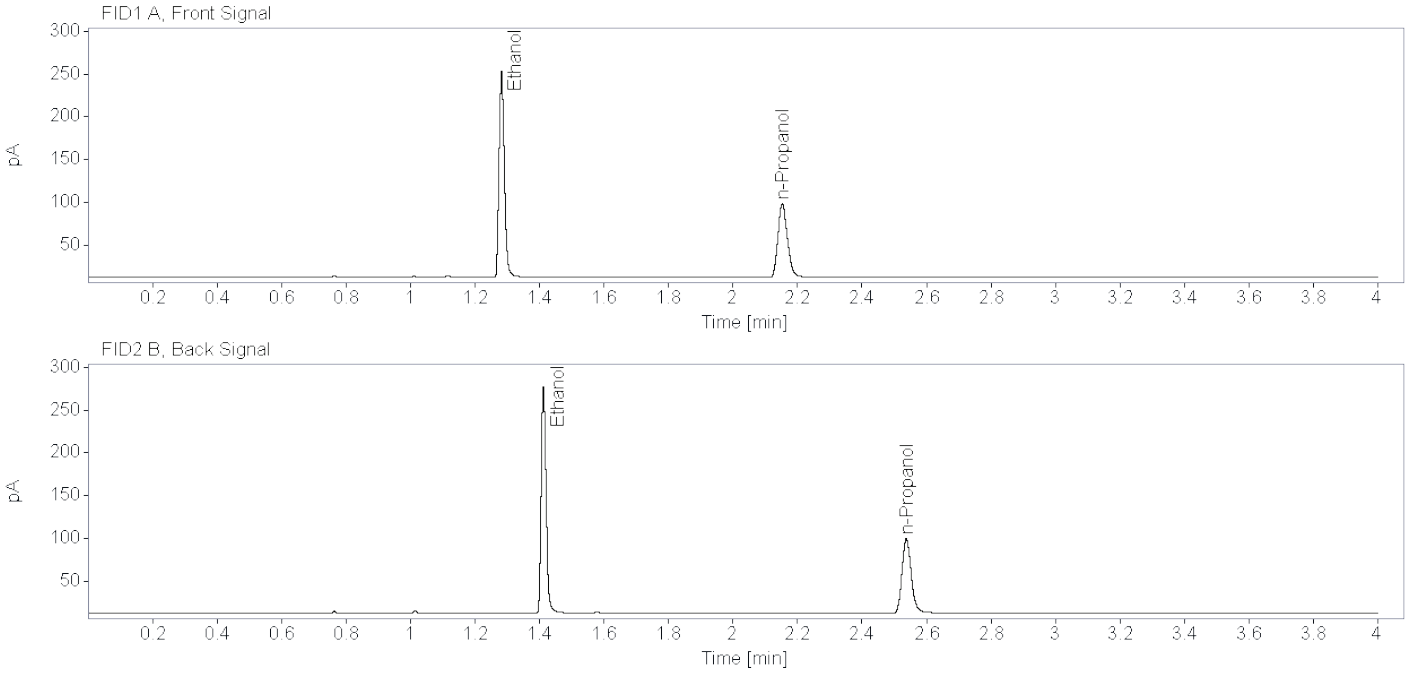
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2312 001_001 (24-2652) **Description:** Alq 1 **Sample Barcode** 24-2652 **Vial Number:** 37

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:31:50 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78558	1.282	1.281	274.1893	0.2778
n-Propanol	0.79223	2.153	2.152	175.3013	0.0100

Name FID2B

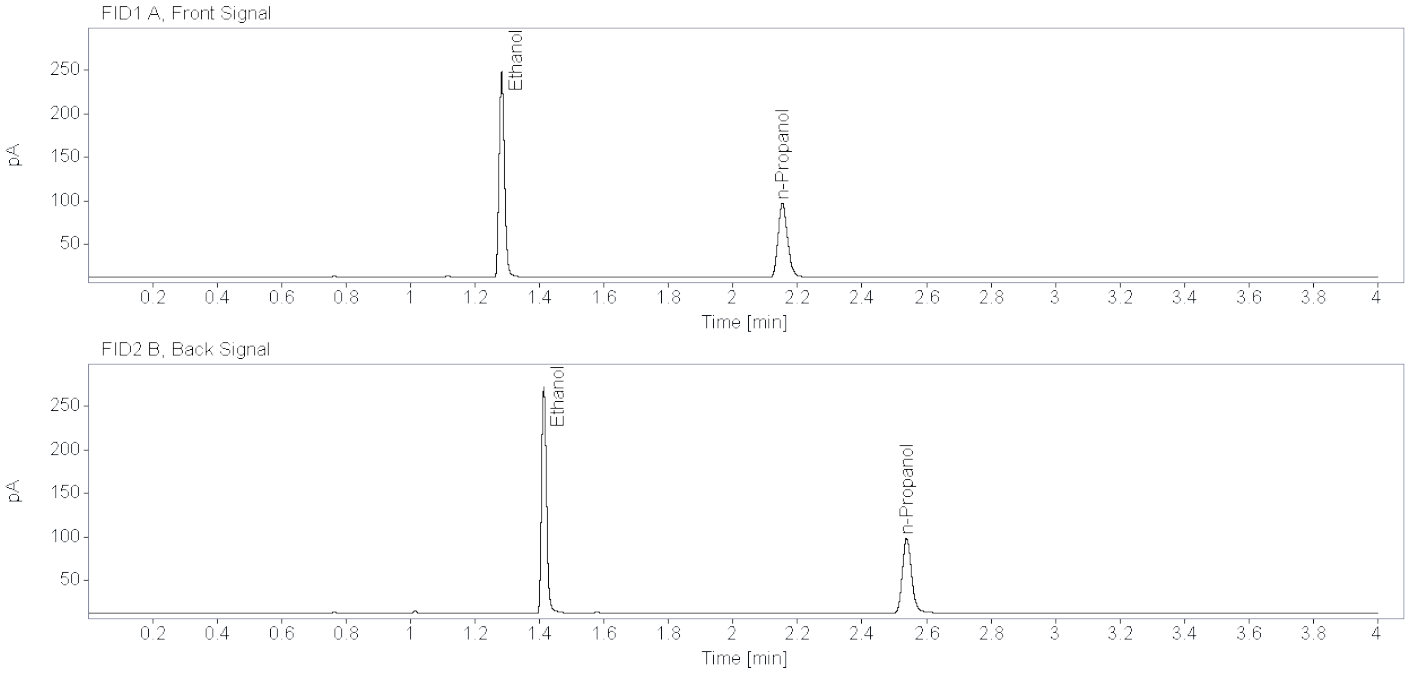
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78308	1.412	1.410	278.0189	0.2791
n-Propanol	0.81765	2.537	2.535	173.6655	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2312 001_001 (24-2666) **Description:** Alq 2 **Sample Barcode** 24-2666 **Vial Number:** 51

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:44:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80282	1.283	1.281	270.4315	0.2775
n-Propanol	0.79406	2.153	2.152	173.0667	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80855	1.413	1.410	273.6688	0.2797
n-Propanol	0.81620	2.538	2.535	170.6102	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2320 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1344	Aliquot 1:	0.1348
	Aliquot 2:	0.1391	Aliquot 2:	0.1400

Reported Result: **0.137** **g/100 mL**

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

Comments:

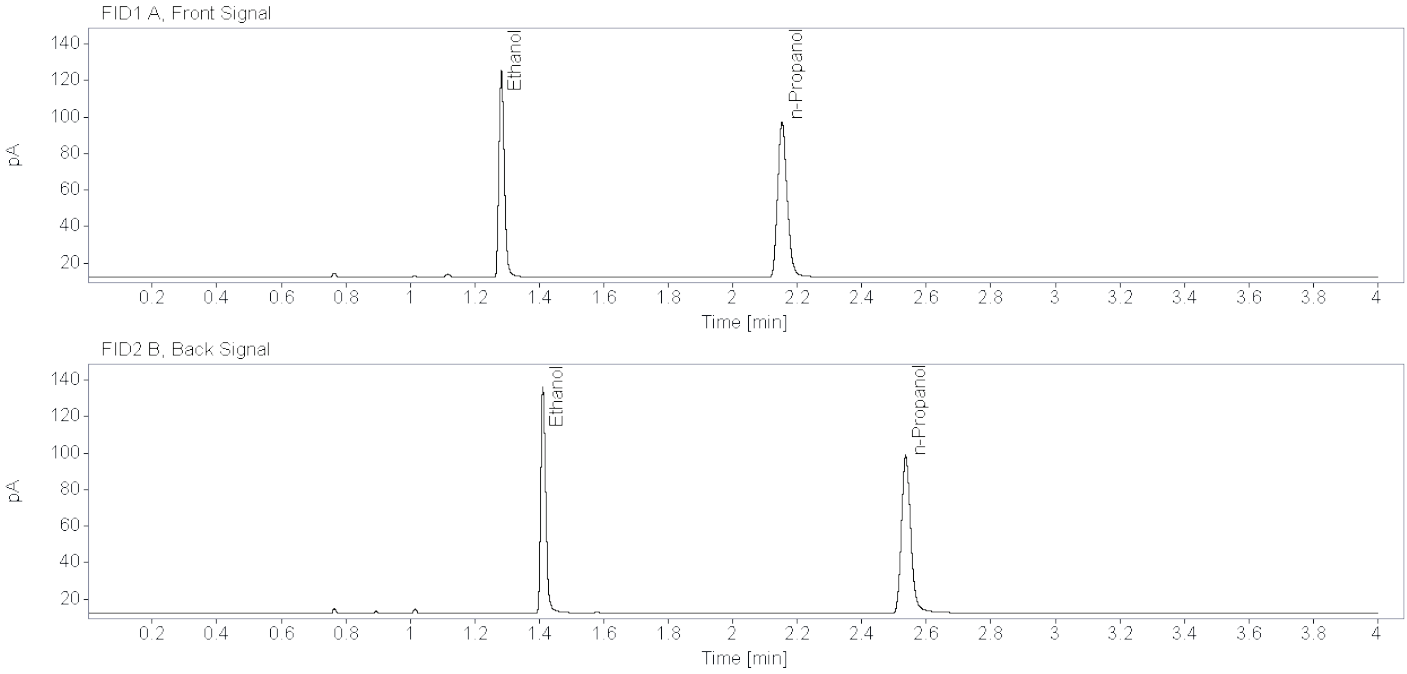
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2320 001_001 (24-2653) **Description:** Alq 1 **Sample Barcode** 24-2653 **Vial Number:** 38

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:37:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77229	1.283	1.281	129.7580	0.1344
n-Propanol	0.79131	2.153	2.152	172.1902	0.0100

Name FID2B

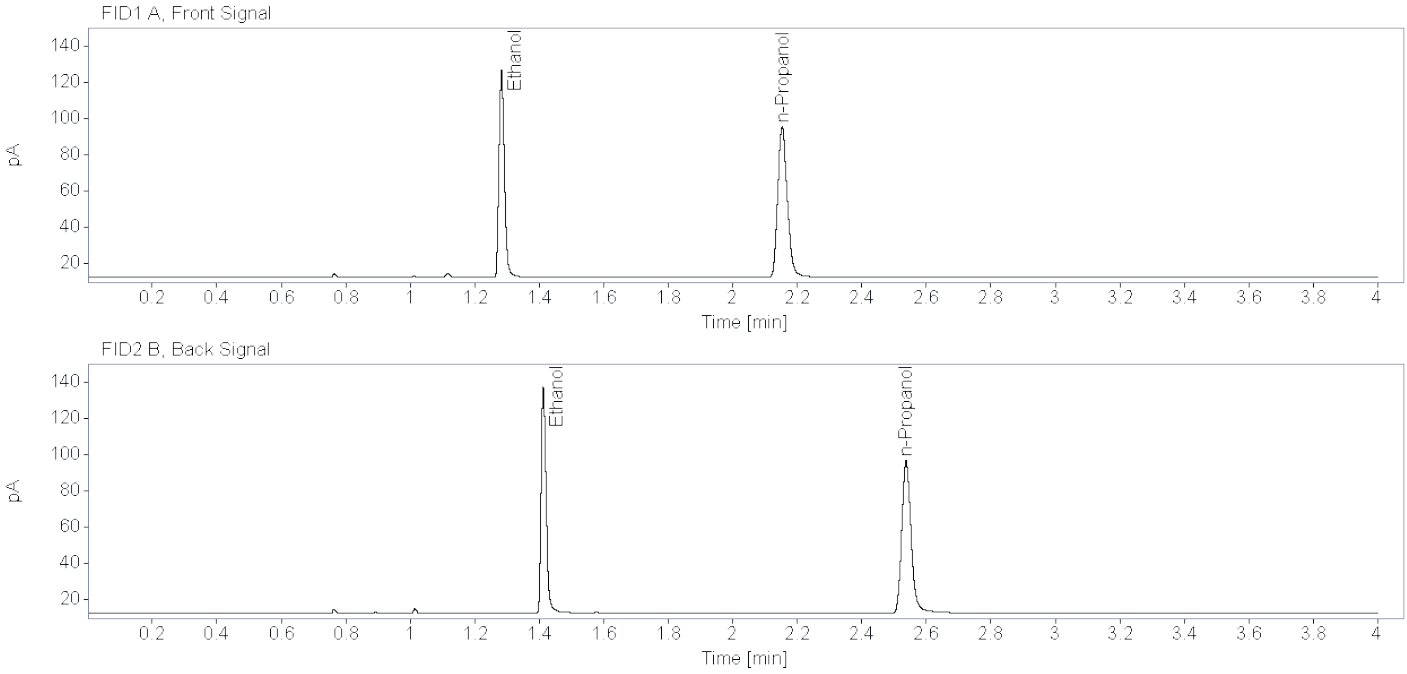
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75023	1.412	1.410	131.2297	0.1348
n-Propanol	0.80379	2.536	2.535	170.7244	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2320 001_001 (24-2665) **Description:** Alq 2 **Sample Barcode** 24-2665 **Vial Number:** 50

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:39:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78251	1.283	1.281	131.8586	0.1391
n-Propanol	0.78965	2.153	2.152	169.0221	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74818	1.413	1.410	133.1592	0.1400
n-Propanol	0.81237	2.537	2.535	166.6547	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2321 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1694	Aliquot 1:	0.1703
	Aliquot 2:	0.1747	Aliquot 2:	0.1758

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

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

Comments:

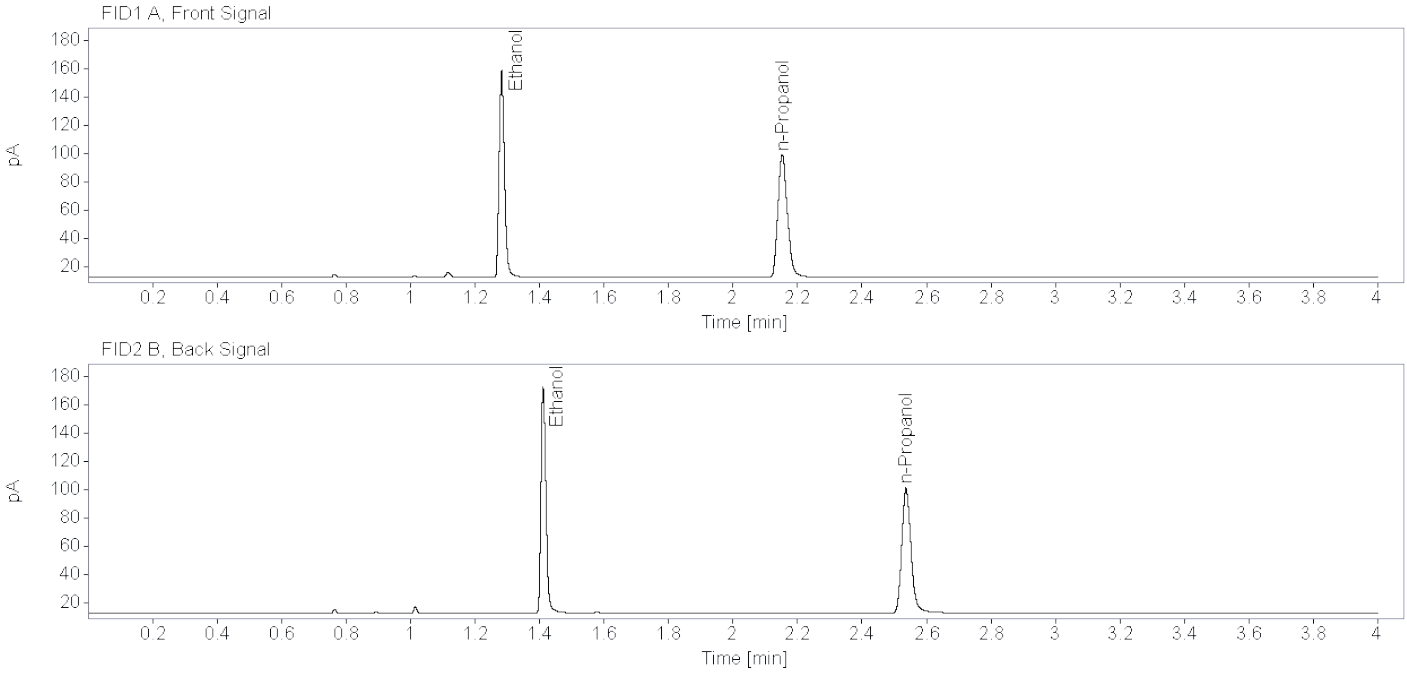
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2321 001_001 (24-2654) **Description:** Alq 1 **Sample Barcode** 24-2654 **Vial Number:** 39

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:42:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78022	1.283	1.281	167.7650	0.1694
n-Propanol	0.79332	2.153	2.152	176.3297	0.0100

Name FID2B

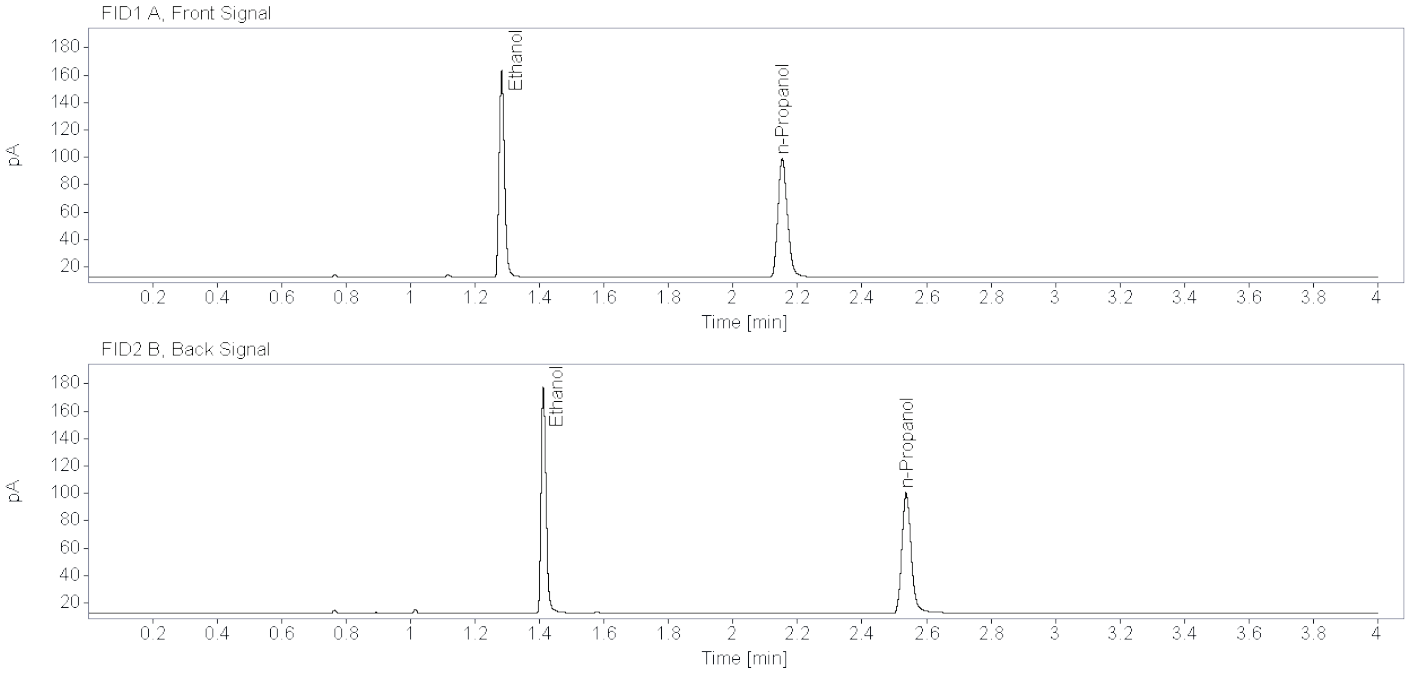
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76318	1.411	1.410	170.0041	0.1703
n-Propanol	0.81356	2.536	2.535	174.6481	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2321 001_001 (24-2664) **Description:** Alq 2 **Sample Barcode** 24-2664 **Vial Number:** 49

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:34:14 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77745	1.283	1.281	172.8704	0.1747
n-Propanol	0.78884	2.153	2.152	176.0925	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76818	1.412	1.410	175.3126	0.1758
n-Propanol	0.81690	2.537	2.535	174.4002	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2323 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1921	Aliquot 1:	0.1938
	Aliquot 2:	0.2012	Aliquot 2:	0.2031

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

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

Comments:

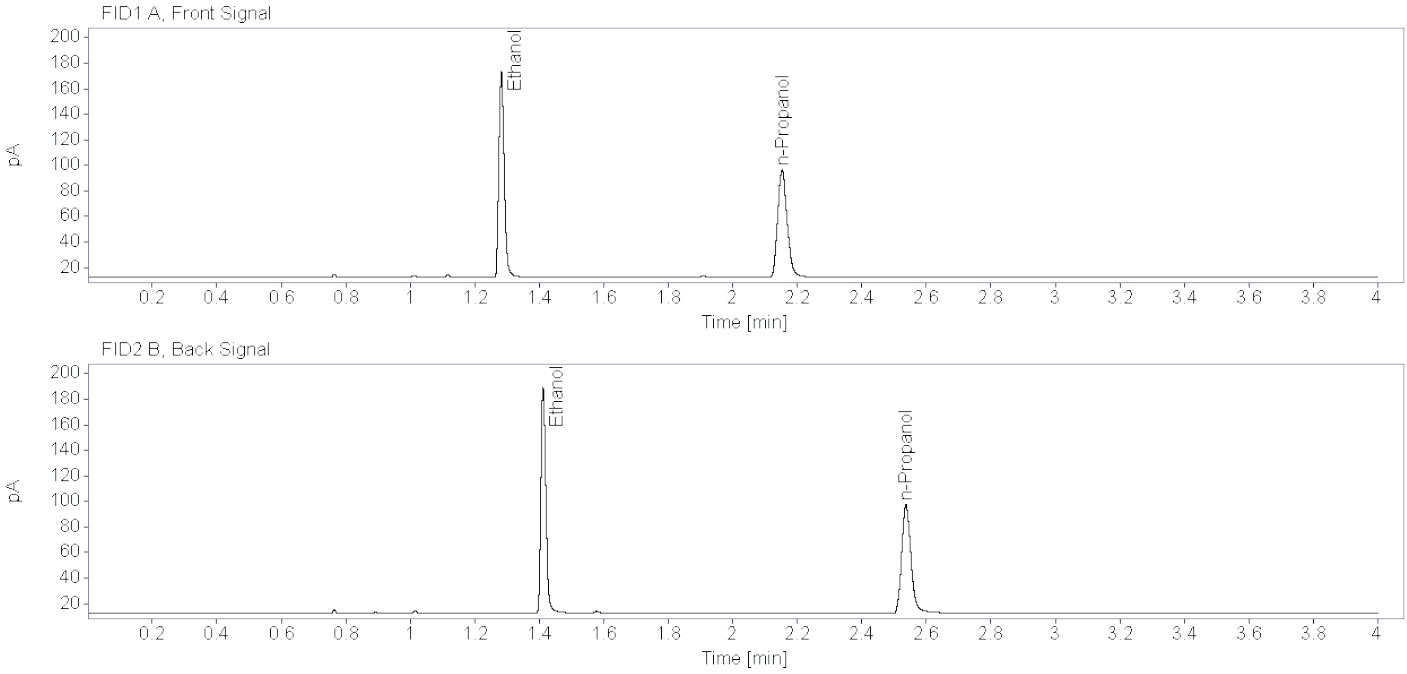
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2323 001_001 (24-2655) **Description:** Alq 1 **Sample Barcode** 24-2655 **Vial Number:** 40

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:47:48 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77761	1.283	1.281	184.3076	0.1921
n-Propanol	0.79585	2.153	2.152	170.6516	0.0100

Name FID2B

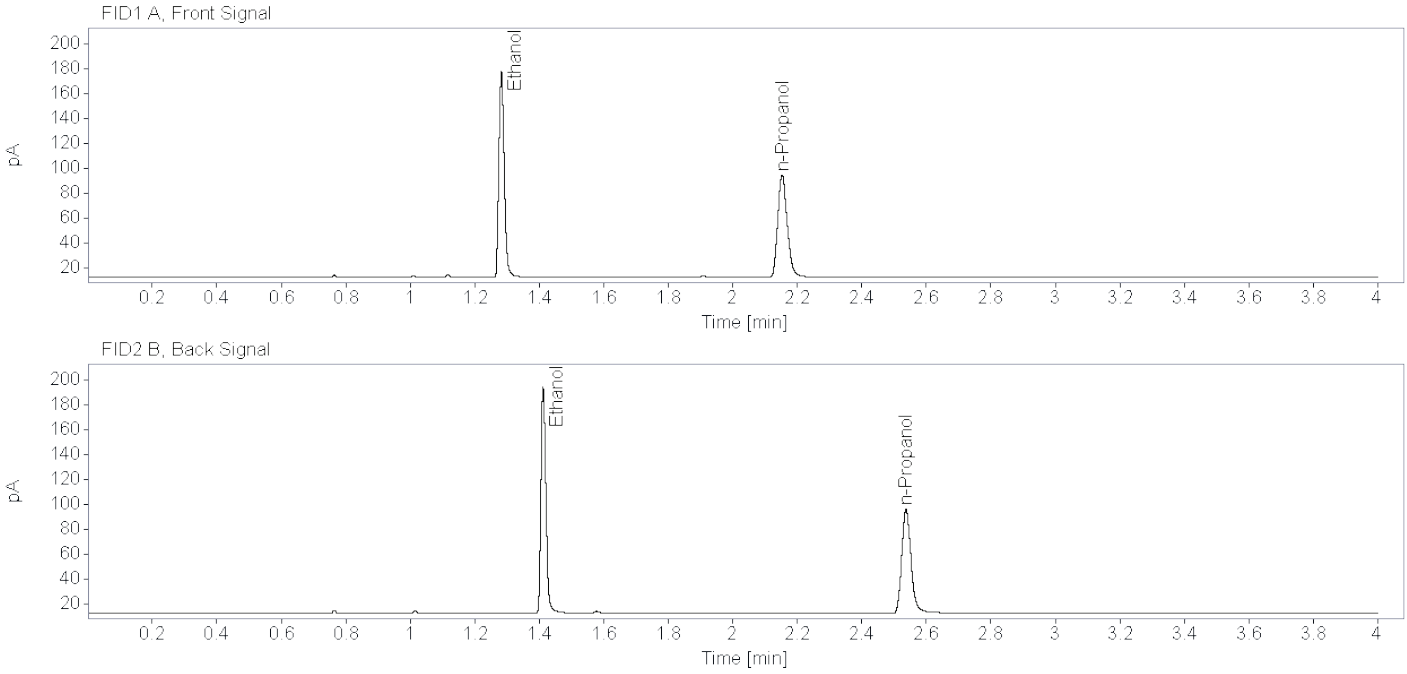
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77139	1.412	1.410	187.0154	0.1938
n-Propanol	0.80770	2.537	2.535	168.6572	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2323 001_001 (24-2663) **Description:** Alq 2 **Sample Barcode** 24-2663 **Vial Number:** 48

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:29:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78314	1.283	1.281	189.9258	0.2012
n-Propanol	0.78738	2.153	2.152	167.9118	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77798	1.412	1.410	192.7855	0.2031
n-Propanol	0.81056	2.537	2.535	165.7978	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2343 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1343	Aliquot 1:	0.1356
	Aliquot 2:	0.1324	Aliquot 2:	0.1330

Reported Result: **0.133** **g/100 mL**

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

Comments:

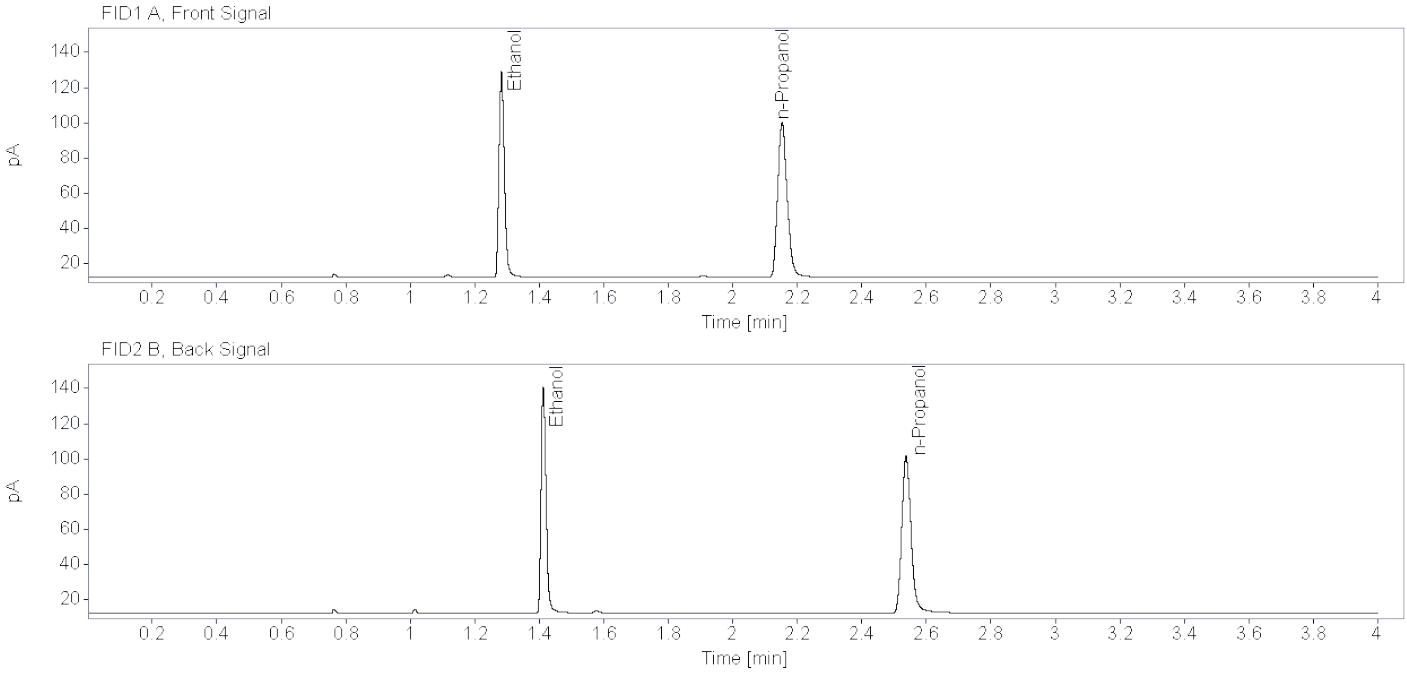
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2343 001_001 (24-2656) **Description:** Alq 1 **Sample Barcode** 24-2656 **Vial Number:** 41

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:52:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77521	1.283	1.281	134.0365	0.1343
n-Propanol	0.79121	2.153	2.152	178.0519	0.0100

Name FID2B

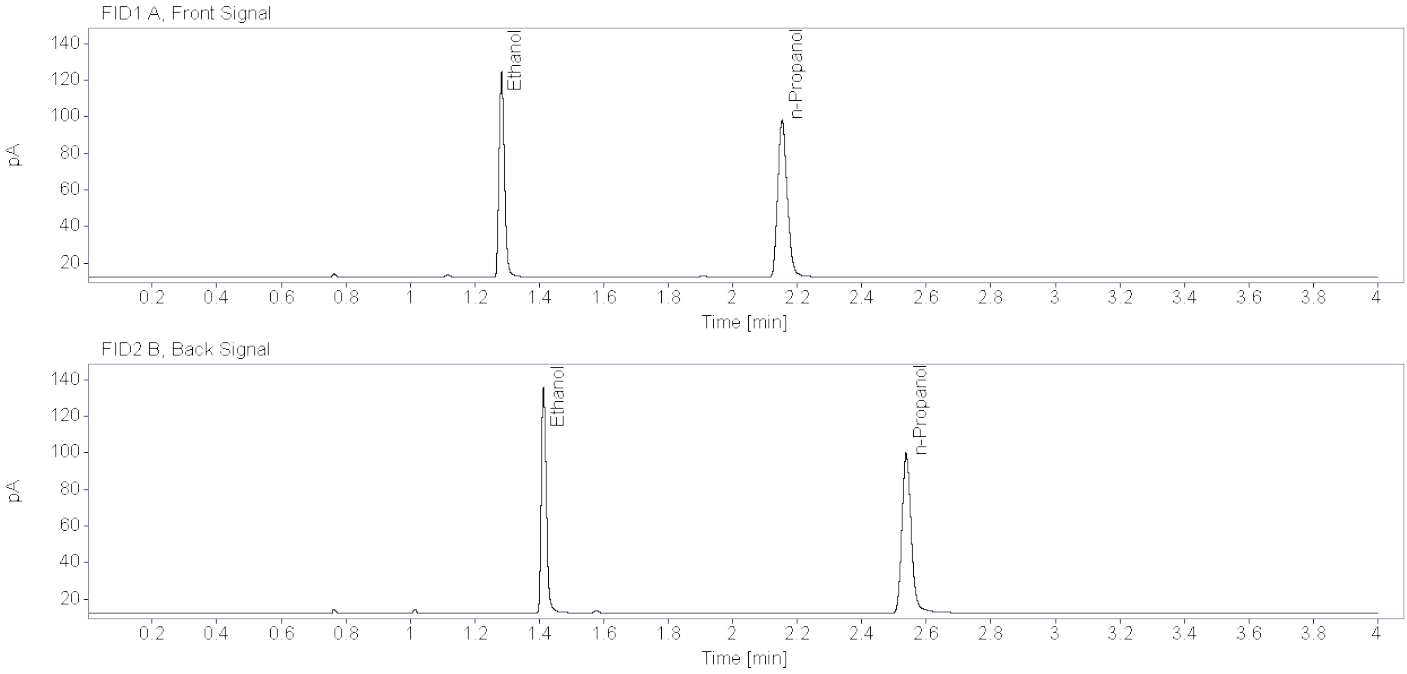
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76506	1.413	1.410	136.5289	0.1356
n-Propanol	0.81281	2.537	2.535	176.5110	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2343 001_001 (24-2662) **Description:** Alq 2 **Sample Barcode** 24-2662 **Vial Number:** 47

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:23:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77815	1.283	1.281	129.4030	0.1324
n-Propanol	0.79338	2.153	2.152	174.3547	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75704	1.413	1.410	131.1375	0.1330
n-Propanol	0.81437	2.538	2.535	172.9155	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2353 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3430	Aliquot 1:	0.3432
	Aliquot 2:	0.3410	Aliquot 2:	0.3447

Reported Result: **0.342** **g/100 mL**

Reported UM: **0.055** **g/100 mL**

Comments:

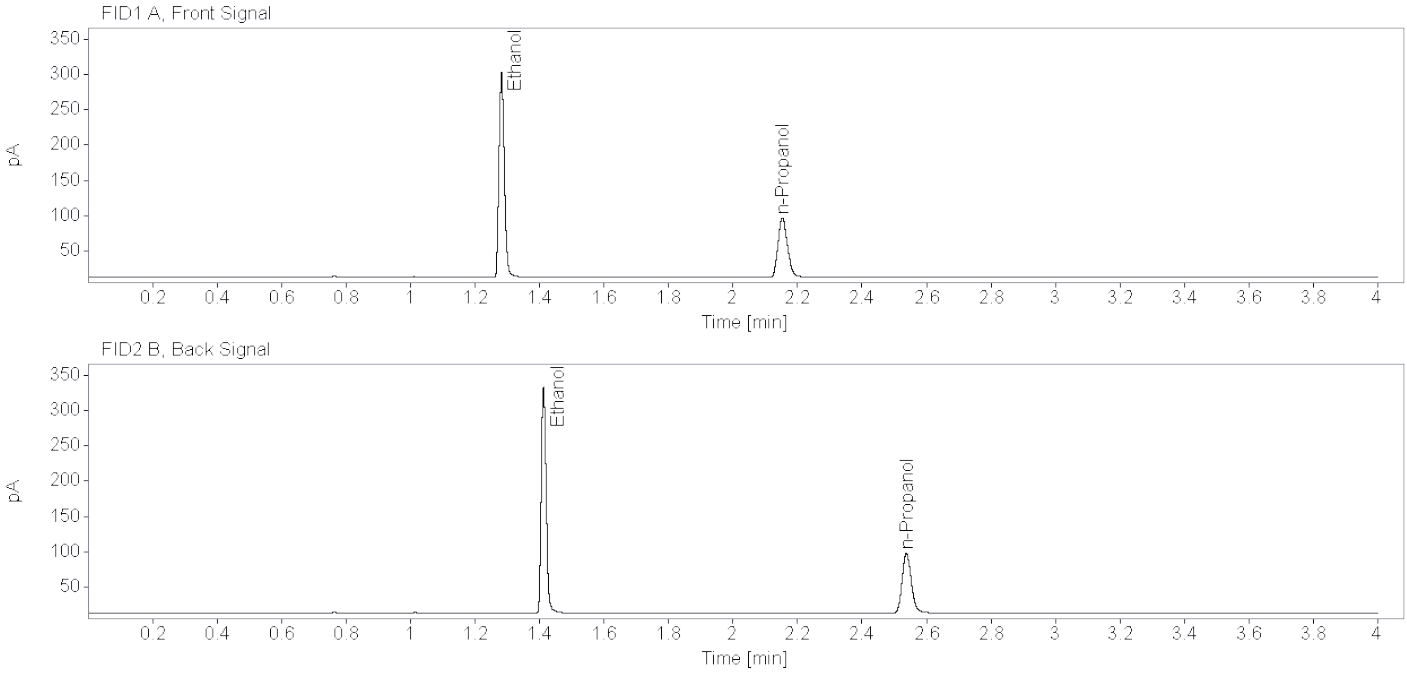
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2353 001_001 (24-2657) **Description:** Alq 1 **Sample Barcode** 24-2657 **Vial Number:** 42

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 4:58:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80331	1.282	1.281	332.0190	0.3430
n-Propanol	0.79512	2.153	2.152	171.8000	0.0100

Name FID2B

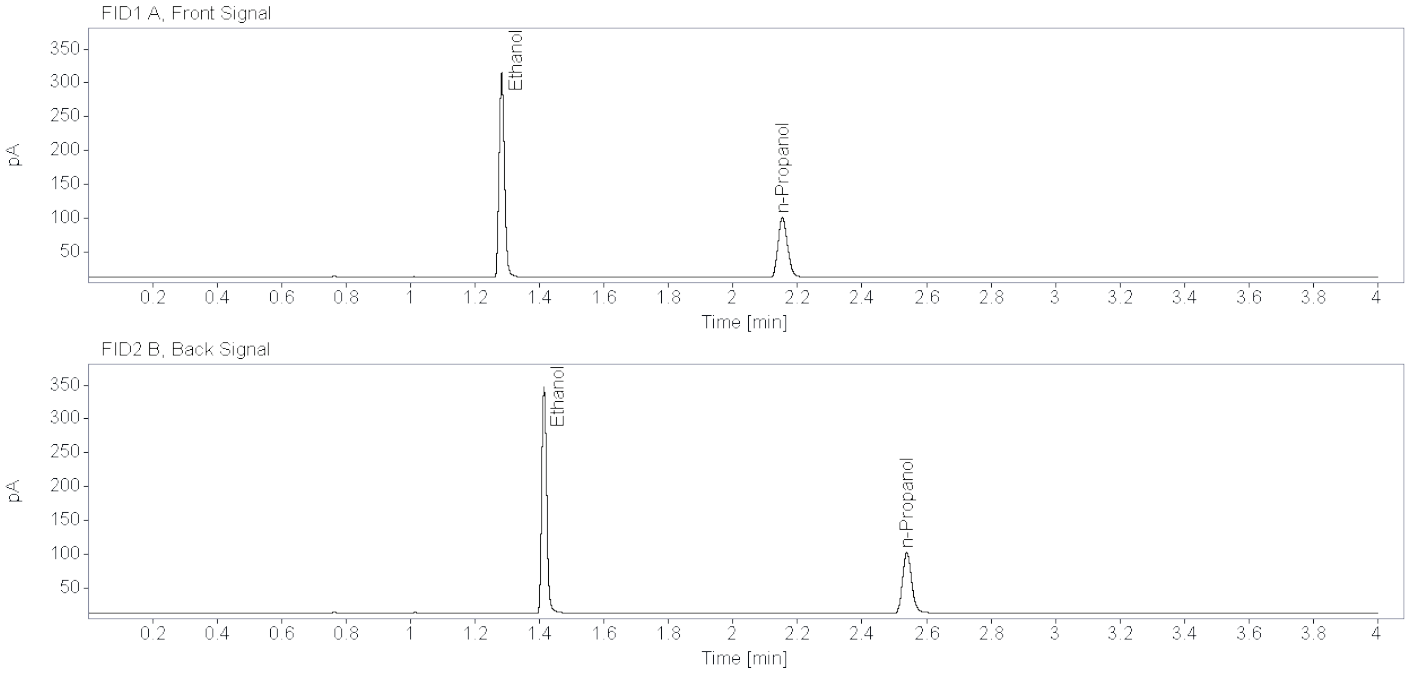
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80289	1.412	1.410	336.6683	0.3432
n-Propanol	0.82177	2.538	2.535	170.8493	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2353 001_001 (24-2661) **Description:** Alq 2 **Sample Barcode** 24-2661 **Vial Number:** 46

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:19:00 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81708	1.283	1.281	346.9240	0.3410
n-Propanol	0.80377	2.153	2.152	180.5345	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82093	1.414	1.410	352.0813	0.3447
n-Propanol	0.81056	2.539	2.535	177.9200	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2362 001_001

Batch Name: BAC_20241217_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

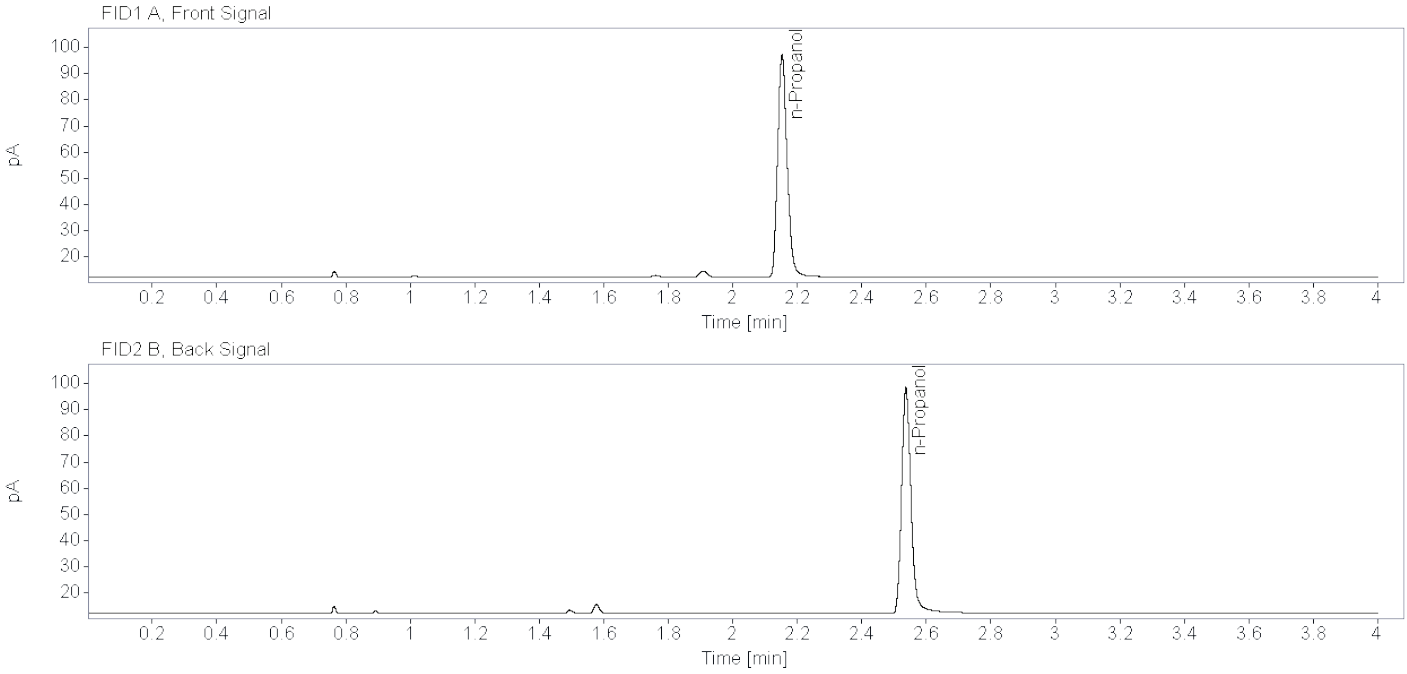
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2362 001_001 (24-2658) **Description:** Alq 1 **Sample Barcode** 24-2658 **Vial Number:** 43

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:03:02 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79487	2.153	2.152	172.7676	0.0100

Name FID2B

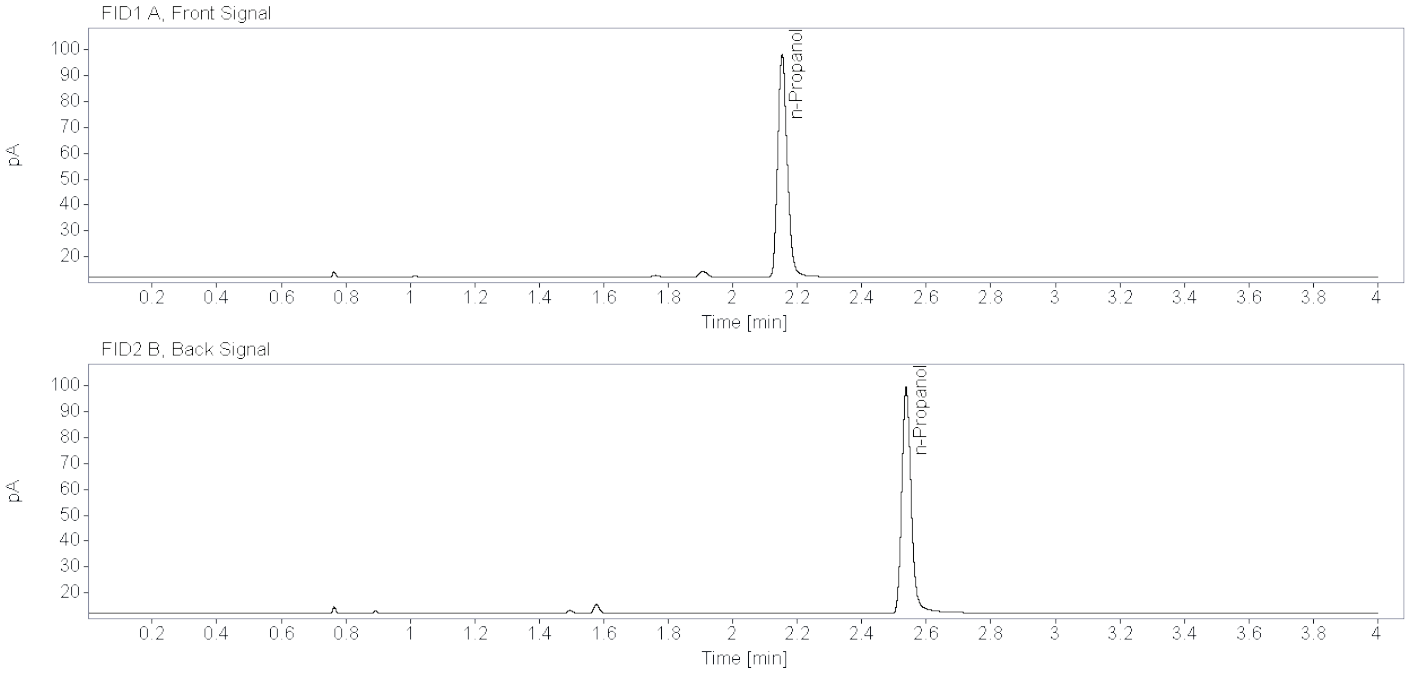
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81056	2.537	2.535	171.0493	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2362 001_001 (24-2660) **Description:** Alq 2 **Sample Barcode** 24-2660 **Vial Number:** 45

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/17/2024 5:13:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241217_MH 2024-12-17 13-13-42\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79524	2.153	2.152	174.4583	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81387	2.538	2.535	172.4965	0.0100