Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20241007_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: 2024.10.10 15:25:03 -05'00'

Date: 10/10/2024

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.10.24 13:58:27 -05'00'

Date: 10/24/2024

Batch Name: BAC_20241007_MH

Technical Review Notes

-Incorrect date on confirm worksheet and aliquot 2 data for cross outs and comments on BCCL-24-1667, date is prior to print date -KB 10/23/2024

BAC Summary Worksheet

Batch Name:	BAC_20241007_MH
Instrument:	BAC-2
Analyst:	Melissa Henry
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		179.5258	182.5493
Acceptance Range	**Min**	161.5732	164.2944
	Max	197.4783	200.8043

Calibrators	Ethanol Obtained Value		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
0.010 g/100mL Calibrator	0.0103	0.0103	0.0103	3.00	0.00	0.00	180.2453	183.4215
0.025 g/100mL Calibrator	0.0247	0.0247	0.0247	-1.20	0.00	0.00	179.9759	182.9905
0.050 g/100mL Calibrator	0.0496	0.0497	0.0496	-0.80	0.00	0.20	178.3392	181.3806
0.100 g/100mL Calibrator	0.0990	0.0984	0.0987	-1.30	0.30	-0.30	179.8996	182.8147
0.200 g/100mL Calibrator	0.1989	0.1984	0.1986	-0.70	0.15	-0.10	178.8513	181.8256
0.400 g/100mL Calibrator	0.3988	0.3990	0.3989	-0.28	-0.03	0.03	181.9367	185.2467
0.500 g/100mL Calibrator	0.5038	0.5046	0.5042	0.84	-0.08	0.08	177.4324	180.1657

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

Controls	Ethanol Obtained Value		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
Negative	0.0000	0.0000	0.0000	-	-	-	179.0845	181.7728
High QC	0.4050	0.4056	0.4053	1.32	-0.07	0.07	181.8432	184.4995
Low QC	0.0794	0.0792	0.0793	-0.88	0.13	-0.13	180.8538	183.6423
Blood QC A	0.0771	0.0768	0.0769	-2.41	0.26	-0.13	181.5553	184.3838
Blood QC B	0.2002	0.1999	0.2000	4.33	0.10	-0.05	172.8184	175.5805
Blood QC A	0.0808	0.0807	0.0807	2.41	0.12	0.00	174.0321	176.8509
Blood QC B	0.2002	0.2004	0.2003	4.49	-0.05	0.05	176.1564	179.0963
Blood QC A	0.0794	0.0797	0.0795	0.89	-0.13	0.25	175.3663	177.2616
Blood QC B	0.1984	0.1991	0.1987	3.65	-0.15	0.20	170.5957	172.4895
Blood QC A	0.0762	0.0771	0.0766	-2.79	-0.52	0.65	180.5142	181.6139
High QC	0.4032	0.4061	0.4046	1.15	-0.35	0.37	182.9704	184.5654
Low QC	0.0809	0.0814	0.0811	1.38	-0.25	0.37	179.4565	180.8355
DI Water	0.0000	0.0000	0.0000	-	-	-	182.0787	184.0082

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

	Lab Number	Ethanol Obtained Value Alq1		Ethanol Obtained Value Alq2		Result	UM	% Difference FID & Average				IS Area Counts Alq1		IS Area Counts Alq2	
		FID1	FID2	FID1	FID2			Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	FID1	FID2	FID1	FID2
1	BCCL-24-1604 001_001	0.1555	0.1551	0.1513	0.1519	0.153	0.022	1.34	1.08	-1.40	-1.01	181.5197	184.5498	181.1517	182.9483
2	**BCCL-24-1610 001_001**	0.0616	0.0616	0.0603	0.0609	0.061	0.009	0.82	0.82	-1.31	-0.33	179.3004	182.6588	180.9916	182.7798
3	BCCL-24-1616 001_001	0.1536	0.1537	0.1531	0.1542	0.153	0.022	-0.03	0.03	-0.36	0.36	185.5274	188.4580	181.8057	183.3134
4	**BCCL-24-1627 001_001**	0.0023	0.0026	0.0023	0.0025	none detected		-5.15	-2.22	-5.15	-3.09	179.6042	182.7085	181.0554	183.3997
5	BCCL-24-1636 001_001	0.1884	0.1882	0.1857	0.1872	0.187	0.027	0.55	0.44	-0.89	-0.09	180.5887	183.4481	175.2311	176.7306
6	BCCL-24-1637 001_001	0.1544	0.1546	0.1483	0.1486	0.151	0.022	1.93	2.06	-2.10	-1.90	179.1397	182.1299	181.1302	183.6954
7	**BCCL-24-1665 003_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	183.8638	187.0879	182.9476	184.5210
8	**BCCL-24-1666 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	183.5338	186.8602	185.6159	187.2293
9	BCCL-24-1667 001_001	0.1397	0.1395	0.1487	0.1495	0.144	0.021	-3.22	-3.36	3.01	3.57	183.9362	187.1189	**156.2999**	**157.8735**
10	**BCCL-24-1668 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	182.3487	185.6716	177.9577	179.3708
11	BCCL-24-1669 001_001	0.1252	0.1248	0.1213	0.1224	0.123	0.018	1.44	1.11	-1.72	-0.83	176.9867	179.9058	178.3052	180.0463
12	BCCL-24-1670 001_001	0.2972	0.2971	0.2969	0.2983	0.297	0.043	-0.06	-0.09	-0.16	0.31	175.0409	177.9463	177.2139	179.4141
13	BCCL-24-1673 001_001	0.3447	0.3449	0.3441	0.3453	0.344	0.050	-0.01	0.04	-0.19	0.16	177.3091	180.4570	177.9459	180.3627
14	BCCL-24-1674 001_001	0.2183	0.2182	0.2184	0.2189	0.218	0.031	-0.07	-0.11	-0.02	0.21	180.8599	183.5668	177.3252	179.8443
15	BCCL-24-1675 001_001	0.1461	0.1457	0.1397	0.1403	0.142	0.020	2.20	1.92	-2.27	-1.85	179.4878	182.3748	177.1653	178.7638
16	BCCL-24-1676 001_001	0.2557	0.2555	0.2468	0.2484	0.251	0.036	1.63	1.55	-1.91	-1.27	182.1752	185.1113	181.3493	182.9413
17	BCCL-24-1680 001_001	0.2469	0.2464	0.2450	0.2457	0.246	0.035	0.37	0.16	-0.41	-0.12	181.9551	185.1908	177.7448	180.2867
18	BCCL-24-1682 001_001	0.1414	0.1412	0.1311	0.1312	0.136	0.020	3.80	3.65	-3.76	-3.69	180.1561	182.9465	184.3220	186.8903
19	BCCL-24-1686 001_001	0.2093	0.2091	0.1995	0.2003	0.204	0.029	2.32	2.22	-2.47	-2.08	182.4951	185.6853	184.2893	186.5692
20	**BCCL-24-1687 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	187.2745	190.4687	180.0090	182.0880
21	BCCL-24-1692 001_001	0.2465	0.2469	0.2458	0.2470	0.246	0.035	-0.02	0.14	-0.30	0.18	179.5211	182.4416	178.2111	180.0777
22	BCCL-24-1698 001_001	0.2256	0.2257	0.2195	0.2209	0.222	0.032	1.20	1.24	-1.54	-0.91	183.9995	187.0061	181.8308	183.5845
23	BCCL-24-1712 001_001	0.1467	0.1468	0.1470	0.1474	0.146	0.021	-0.19	-0.12	0.02	0.29	172.2502	175.1818	179.0549	181.3441
24	BCCL-24-1713 001_003	0.3985	0.4004	0.4078	0.4091	0.403	0.058	-1.35	-0.88	0.95	1.27	171.0622	173.2377	182.3025	184.7824
25	**BCCL-24-1721 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	177.2455	179.9110	174.2816	177.3938
26	BCCL-24-1730 001_001	0.2751	0.2763	0.2634	0.2642	0.269	0.039	1.98	2.43	-2.35	-2.06	180.0531	182.1541	174.1812	176.5540
27	BCCL-24-1743 001_001	0.1944	0.1952	0.2009	0.2018	0.198	0.028	-1.86	-1.45	1.43	1.88	173.6450	176.4593	174.4959	177.0965
28	BCCL-24-1744 001_001	0.2146	0.2150	0.2216	0.2223	0.218	0.031	-1.73	-1.55	1.48	1.80	178.7856	181.6986	185.7645	188.5921
29	BCCL-24-1745 001_001	0.1565	0.1571	0.1582	0.1588	0.157	0.023	-0.73	-0.35	0.35	0.73	174.1492	176.5075	181.3833	184.0702
30	BCCL-24-1832 001_001	0.1092	0.1097	0.1125	0.1128	0.111	0.016	-1.67	-1.22	1.31	1.58	183.8252	186.5520	180.6789	183.4126

10/8/2024 mh

Melissa Henry

Digitally signed by Melissa Henry
Date: 2024.10.10 15:24:24 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC_20241007_MH Analyst: Melissa Henry Instrument: BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008L
Cal 2	FN03122112	3/31/2026	S-23-5009B
Cal 3	FN03172301	3/31/2028	S-23-5010E
Cal 4	FN03072301	3/31/2028	S-23-5011E
Cal 5	FN03132302	3/31/2028	S-23-5012D
Cal 6	FN03052102	3/31/2026	S-23-5013C
Cal 7	FN06262004	7/31/2025	S-23-5014F
High QC	30012020-A	1/31/2025	S-23-5015F
Low QC	5177757	6/21/2025	S-24-5001F
Blood QC A	2401241	2/28/2028	S-24-5002C
Blood QC B	2302120	5/31/2027	S-24-5003C
Internal Standard	N/A	3/4/2025	R-24-5006
Pipette(s)	5053, 205L		

Comments:

mh

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC_20241007-MH

Worklist ID: D6V67BB6KM1TNW

Case #	Evid #	Evid Type	Service
BCCL-24-1604	001_001	Blood	Alcohol
BCCL-24-1610	001_001	Blood	Alcohol
BCCL-24-1616	001_001	Blood	Alcohol
BCCL-24-1627	001_001	Blood	Alcohol
BCCL-24-1636	001_001	Blood	Alcohol
BCCL-24-1637	001_001	Blood	Alcohol
BCCL-24-1665	003_001	Blood	Alcohol
BCCL-24-1666	001_001	Blood	Alcohol
BCCL-24-1667	001_001	Blood	Alcohol
BCCL-24-1668	001_001	Blood	Alcohol
BCCL-24-1669	001_001	Blood	Alcohol
BCCL-24-1670	001_001	Blood	Alcohol
BCCL-24-1673	001_001	Blood	Alcohol

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BAC_20241007_MH

Case #	Evid #	Evid Type	Service
BCCL-24-1674	001_001	Blood	Alcohol
BCCL-24-1675	001_001	Blood	Alcohol
BCCL-24-1676	001_001	Blood	Alcohol
BCCL-24-1680	001_001	Blood	Alcohol
BCCL-24-1682	001_001	Blood	Alcohol
BCCL-24-1686	001_001	Blood	Alcohol
BCCL-24-1687	001_001	Blood	Alcohol
BCCL-24-1692	001_001	Blood	Alcohol
BCCL-24-1698	001_001	Blood	Alcohol
BCCL-24-1712	001_001	Blood	Alcohol
BCCL-24-1713	001-003 ~~001_001~~ 10/7/2024 mh	Blood	Alcohol
BCCL-24-1721	001_001	Blood	Alcohol
BCCL-24-1730	001_001	Blood	Alcohol
BCCL-24-1743	001_001	Blood	Alcohol
BCCL-24-1744	001_001	Blood	Alcohol

mh

BAC-20241007_MH

Case #	Evid #	Evid Type	Service
BCCL-24-1745 	001_001	Blood	Alcohol
BCCL-24-1832 	001_001	Blood	Alcohol

mh

SEQUENCE PARAMETERS

Sequence	: C:\CHEM32\2\SEQUENCE\2024\BAC_20241007_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 10/7/2024

Line	: 1
Location	: 1
Sample Information	:
Sample Name	: 0.010 g/100mL Cal (24-2069)
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 (24-2070)
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 (24-2071)
Method Name	: BAC
Sample Type	: Calibration
Calibration Level	: 3
Update RF	: Replace
Update RT	: Replace

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Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (24-2072)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (24-2073)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (24-2074)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace
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Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (24-2075)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 8
Location            : 8
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Sample Information :
Sample Name : Negative (24-2076)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-2077)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (24-2078)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-2079)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-1604 001_001 (24-2080)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-1610 001_001 (24-2081)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

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Sample Information : Alq 1
Sample Name : BCCL-24-1616 001_001 (24-2082)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-1627 001_001 (24-2083)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-24-1636 001_001 (24-2084)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-1637 001_001 (24-2085)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-1665 003_001 (24-2087)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-1666 001_001 (24-2088)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

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Sample Information : Alq 1
Sample Name : BCCL-24-1667 001_001 (24-2089)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-1668 001_001 (24-2091)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (24-2090)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-1669 001_001 (24-2092)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-1670 001_001 (24-2093)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-1673 001_001 (24-2094)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

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Sample Information : Alq 1
Sample Name : BCCL-24-1674 001_001 (24-2095)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-1675 001_001 (24-2096)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-24-1676 001_001 (24-2097)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-1680 001_001 (24-2098)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-1682 001_001 (24-2099)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-1686 001_001 (24-2100)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

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Sample Information : Alq 1
Sample Name : BCCL-24-1687 001_001 (24-2102)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-2101)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 1
Sample Name : BCCL-24-1692 001_001 (24-2103)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-1698 001_001 (24-2104)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-1712 001_001 (24-2105)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-24-1713 001_003 (24-2106)
Method Name : BAC
Sample Type : Sample

==========

Line : 38
Location : 38

Sample Information : Alq 1
Sample Name : BCCL-24-1721 001_001 (24-2107)
Method Name : BAC
Sample Type : Sample

==========

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-24-1730 001_001 (24-2108)
Method Name : BAC
Sample Type : Sample

==========

Line : 40
Location : 40
Sample Information : Alq 1
Sample Name : BCCL-24-1743 001_001 (24-2109)
Method Name : BAC
Sample Type : Sample

==========

Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-24-1744 001_001 (24-2110)
Method Name : BAC
Sample Type : Sample

==========

Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-24-1745 001_001 (24-2111)
Method Name : BAC
Sample Type : Sample

==========

Line : 43
Location : 43
Sample Information : Alq 1
Sample Name : BCCL-24-1832 001_001 (24-2086)
Method Name : BAC
Sample Type : Sample

==========

Line : 44
Location : 44

Sample Information :
Sample Name : Blood QC B (24-2112)
Method Name : BAC
Sample Type : Sample

==========

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-1832 001_001 (24-2138)
Method Name : BAC
Sample Type : Sample

==========

Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-24-1745 001_001 (24-2113)
Method Name : BAC
Sample Type : Sample

==========

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-1744 001_001 (24-2114)
Method Name : BAC
Sample Type : Sample

==========

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-1743 001_001 (24-2115)
Method Name : BAC
Sample Type : Sample

==========

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-1730 001_001 (24-2116)
Method Name : BAC
Sample Type : Sample

==========

Line : 50
Location : 50

mh

```
Sample Information  : Alq 2
Sample Name         : BCCL-24-1721 001_001 (24-2117)
Method Name         : BAC
Sample Type         : Sample
-------------------------------------------------------------------------------

===============================================================================

Line                : 51
Location            : 51
Sample Information  : Alq 2
Sample Name         : BCCL-24-1713 001_003 (24-2118)
Method Name         : BAC
Sample Type         : Sample
-------------------------------------------------------------------------------

===============================================================================

Line                : 52
Location            : 52
Sample Information  : Alq 2
Sample Name         : BCCL-24-1712 001_001 (24-2119)
Method Name         : BAC
Sample Type         : Sample
-------------------------------------------------------------------------------

===============================================================================

Line                : 53
Location            : 53
Sample Information  : Alq 2
Sample Name         : BCCL-24-1698 001_001 (24-2120)
Method Name         : BAC
Sample Type         : Sample
-------------------------------------------------------------------------------

===============================================================================

Line                : 54
Location            : 54
Sample Information  : Alq 2
Sample Name         : BCCL-24-1692 001_001 (24-2121)
Method Name         : BAC
Sample Type         : Sample
-------------------------------------------------------------------------------

===============================================================================

Line                : 55
Location            : 55
Sample Information  :
Sample Name         : Blood QC A (24-2123)
Method Name         : BAC
Sample Type         : Sample
-------------------------------------------------------------------------------

===============================================================================

Line                : 56
Location            : 56
```

mh

Sample Information : Alq 2
Sample Name : BCCL-24-1687 001_001 (24-2122)
Method Name : BAC
Sample Type : Sample

==========

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-24-1686 001_001 (24-2124)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information : Alq 2
Sample Name : BCCL-24-1682 001_001 (24-2125)
Method Name : BAC
Sample Type : Sample

==========

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-24-1680 001_001 (24-2126)
Method Name : BAC
Sample Type : Sample

==========

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-24-1676 001_001 (24-2127)
Method Name : BAC
Sample Type : Sample

==========

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-24-1675 001_001 (24-2128)
Method Name : BAC
Sample Type : Sample

==========

Line : 62
Location : 62

mh

Sample Information : Alq 2
Sample Name : BCCL-24-1674 001_001 (24-2129)
Method Name : BAC
Sample Type : Sample

==========

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-24-1673 001_001 (24-2130)
Method Name : BAC
Sample Type : Sample

==========

Line : 64
Location : 64
Sample Information : Alq 2
Sample Name : BCCL-24-1670 001_001 (24-2131)
Method Name : BAC
Sample Type : Sample

==========

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-24-1669 001_001 (24-2132)
Method Name : BAC
Sample Type : Sample

==========

Line : 66
Location : 66
Sample Information :
Sample Name : Blood QC B (24-2134)
Method Name : BAC
Sample Type : Sample

==========

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-24-1668 001_001 (24-2133)
Method Name : BAC
Sample Type : Sample

==========

Line : 68
Location : 68

Sample Information : Alq 2
Sample Name : BCCL-24-1667 001_001 (24-2135)
Method Name : BAC
Sample Type : Sample

==========

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-24-1666 001_001 (24-2136)
Method Name : BAC
Sample Type : Sample

==========

Line : 70
Location : 70
Sample Information : Alq 2
Sample Name : BCCL-24-1665 003_001 (24-2137)
Method Name : BAC
Sample Type : Sample

==========

Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-24-1637 001_001 (24-2139)
Method Name : BAC
Sample Type : Sample

==========

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-24-1636 001_001 (24-2140)
Method Name : BAC
Sample Type : Sample

==========

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-24-1627 001_001 (24-2141)
Method Name : BAC
Sample Type : Sample

==========

Line : 74
Location : 74

Sample Information : Alq 2
Sample Name : BCCL-24-1616 001_001 (24-2142)
Method Name : BAC
Sample Type : Sample

==========

Line : 75
Location : 75
Sample Information : Alq 2
Sample Name : BCCL-24-1610 001_001 (24-2143)
Method Name : BAC
Sample Type : Sample

==========

Line : 76
Location : 76
Sample Information : Alq 2
Sample Name : BCCL-24-1604 001_001 (24-2144)
Method Name : BAC
Sample Type : Sample

==========

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (24-2145)
Method Name : BAC
Sample Type : Sample

==========

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (24-2146)
Method Name : BAC
Sample Type : Sample

==========

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (24-2147)
Method Name : BAC
Sample Type : Sample

==========

Line : 80
Location : 80

Sequence: C:\CHEM32\2\SEQUENCE\2024\BAC_20241007_MH.S

Sample Information	:
Sample Name	: DI Water (24-2148)
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

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Agilent 7890B

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GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven
Temperature

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

Front SS Inlet He

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

Column
Column #1
Pressure

Setpoint	On
(Initial)	24 psi
Post Run	24 psi

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

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

Column #2
Pressure

Setpoint	On

method: C:\Chem32\2\Methods\BAC.M
Modified on: 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

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Agilent 7697A

Instrument Info

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

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	OFF
Transfer Line Type:	Fused Silica
Transfer Line Diameter (mm):	0.53

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

Oven Temperature (°C):	70
Loop Temperature (°C):	70
Transfer Line Temperature (°C):	90

Timing Settings:

Vial Equilibration (min):	7.00
Injection Duration (min):	0.50
GC Cycle Time (min):	4.50

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

Vial and Loop Settings:	
Vial Size:	20
Vial Shaking:	OFF
Fill Mode:	Default
Fill Pressure (psi):	10
Loop Fill Mode:	Custom
Loop Ramp Rate (psi/min):	30
Loop Final Pressure (psi):	1
Loop Equilibration Time:	0.05
Carrier Settings:	
Carrier Control Mode:	GC controls Carrier
Advanced Settings:	
Extraction Mode:	Single Extraction
Vent After Extraction:	ON
Post Injection Purge:	200 mL/min for 3 min
Acceptable Leak Check:	Default, 0.2mL/min
Barcode Symbology:	Enable All
Barcode Checksum:	OFF

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

Event	Value
Tangent Skim Mode	Standard
Tail Peak Skim Height Ratio	0.000
Front Peak Skim Height Ratio	0.000
Skim Valley Ratio	20.000
Baseline Correction	Classical
Peak to Valley Ratio	500.000

method: C:\Chem32\2\Methods\BAC.M
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

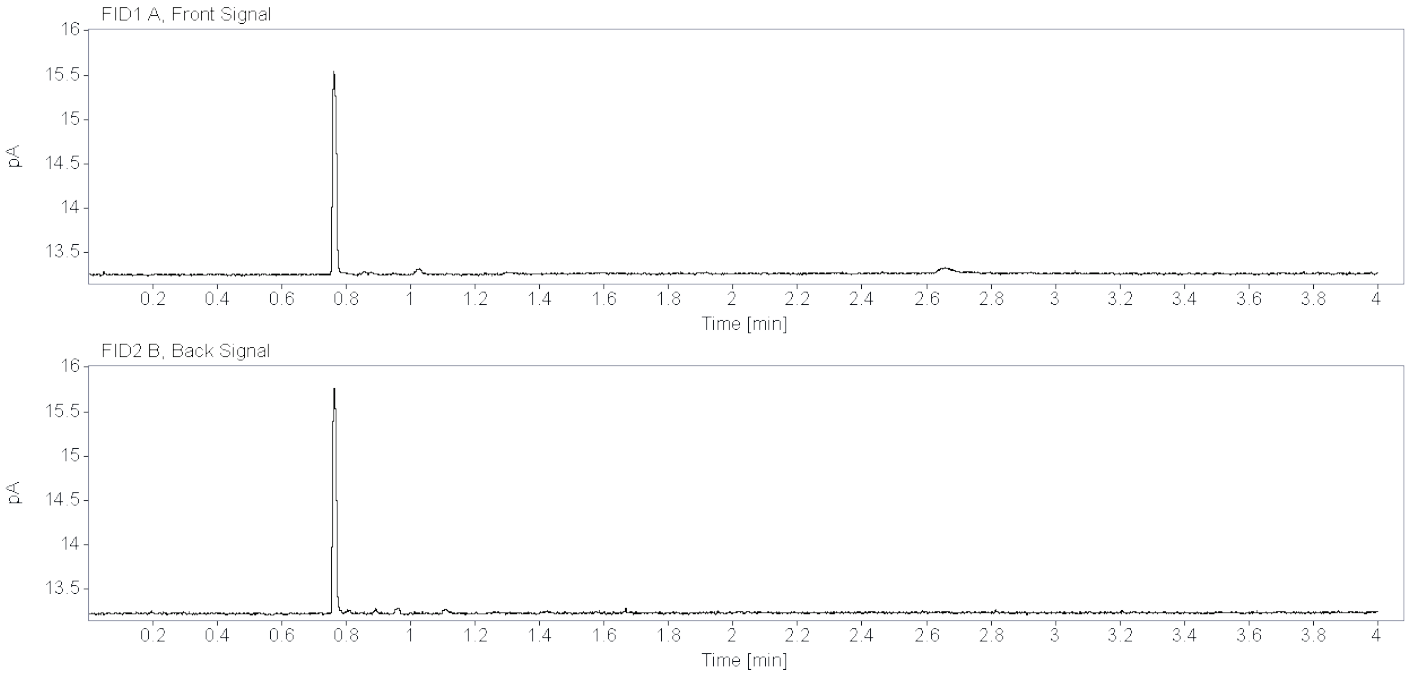
Detector Default Integration Event Table "Event_uECD"

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

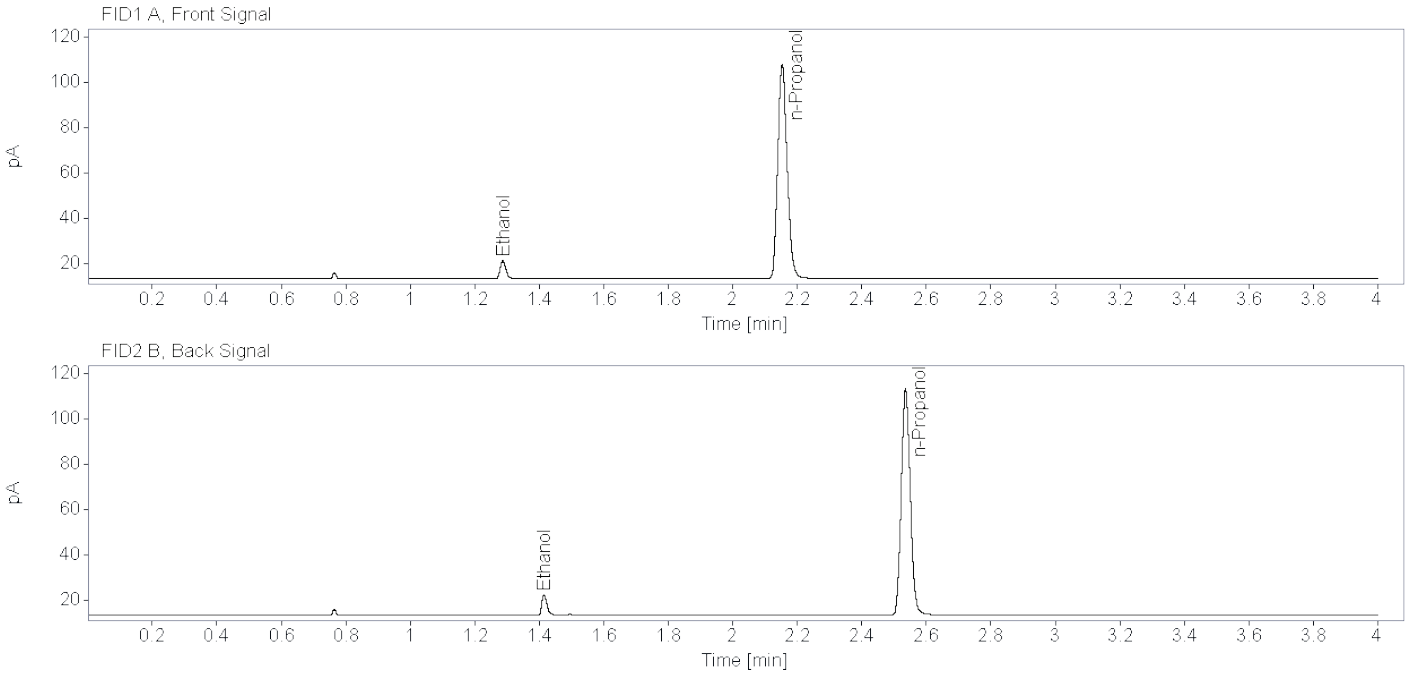
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 8:52:41 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241007PC_MH 2024-10-07 08-42-46\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:** 10/7/2024 8:57:24 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241007PC_MH 2024-10-07 08-42-46\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73587	1.287	1.287	9.9177	0.0115
n-Propanol	0.81114	2.153	2.154	190.8555	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71659	1.415	1.416	9.9137	0.0117
n-Propanol	0.87978	2.536	2.538	193.7993	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 10/8/2024 8:10:17 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	9.41605	1.06202e-3	No	No	1	Ethanol
		2	2.50000e-2	23.72008	1.05396e-3				
		3	5.00000e-2	48.11156	1.03925e-3				
		4	1.00000e-1	97.77821	1.02272e-3				
		5	2.00000e-1	196.18944	1.01942e-3				
		6	4.00000e-1	401.18723	9.97041e-4				
		7	5.00000e-1	494.46872	1.01119e-3				
1.409	2	1	1.00000e-2	9.46785	1.05621e-3	No	No	2	Ethanol
		2	2.50000e-2	24.05825	1.03914e-3				
		3	5.00000e-2	48.98201	1.02078e-3				
		4	1.00000e-1	98.85080	1.01163e-3				
		5	2.00000e-1	199.25368	1.00375e-3				
		6	4.00000e-1	409.41019	9.77015e-4				
		7	5.00000e-1	503.76031	9.92536e-4				
2.152	1	1	1.00000e-2	180.24529	5.54800e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	179.97592	5.55630e-5				
		3	1.00000e-2	178.33922	5.60729e-5				
		4	1.00000e-2	179.89955	5.55866e-5				
		5	1.00000e-2	178.85133	5.59124e-5				
		6	1.00000e-2	181.93666	5.49642e-5				
		7	1.00000e-2	177.43240	5.63595e-5				
2.535	2	1	1.00000e-2	183.42152	5.45192e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	182.99052	5.46476e-5				
		3	1.00000e-2	181.38058	5.51327e-5				
		4	1.00000e-2	182.81465	5.47002e-5				
		5	1.00000e-2	181.82558	5.49978e-5				
		6	1.00000e-2	185.24675	5.39821e-5				
		7	1.00000e-2	180.16573	5.55045e-5				

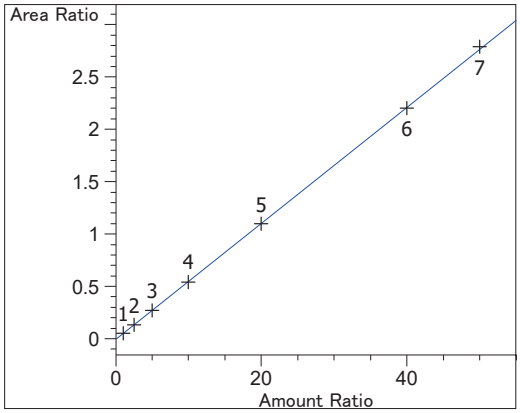
Peak Sum Table

No Entries in table

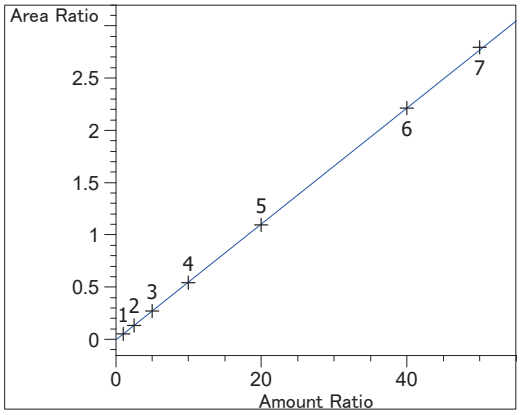
1 Warnings or Errors :

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

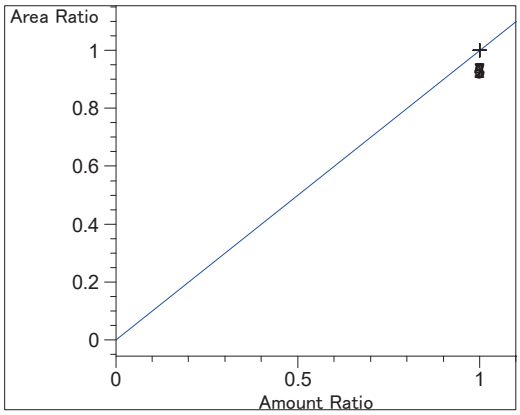
Calibration Curves



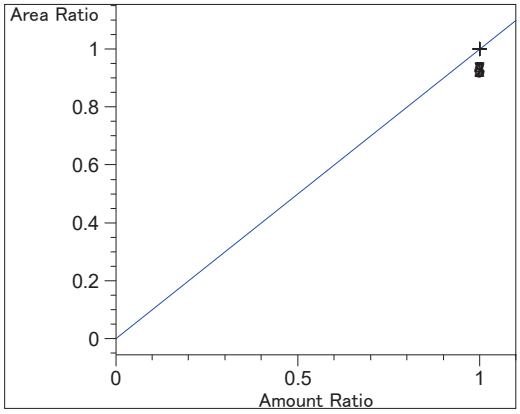
Ethanol at exp. RT: 1.281
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.01071
Formula: y = mx + b
m: 5.54112e-2
b: -4.93749e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.396372
Level 3 : 0.193643
Level 4 : 0.096115
Level 5 : 0.047623
Level 6 : 0.023691
Level 7 : 0.018746



Ethanol at exp. RT: 1.409
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.01293
Formula: y = mx + b
m: 5.55324e-2
b: -5.79821e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.392614
Level 3 : 0.191142
Level 4 : 0.095462
Level 5 : 0.047103
Level 6 : 0.023356
Level 7 : 0.018461



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

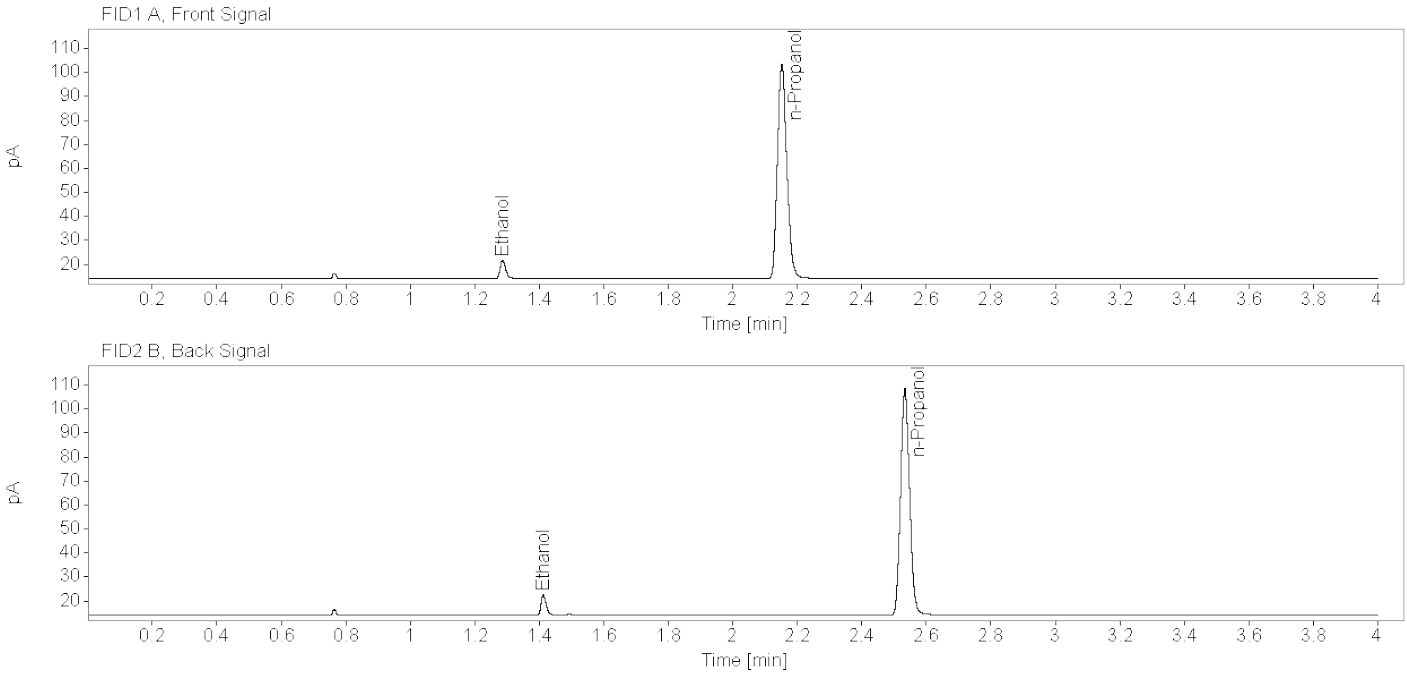


n-Propanol at exp. RT: 2.535
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-2069) **Description:** **Sample Barcode** 24-2069 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:08:15 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\001F0101.D



Name FID1A

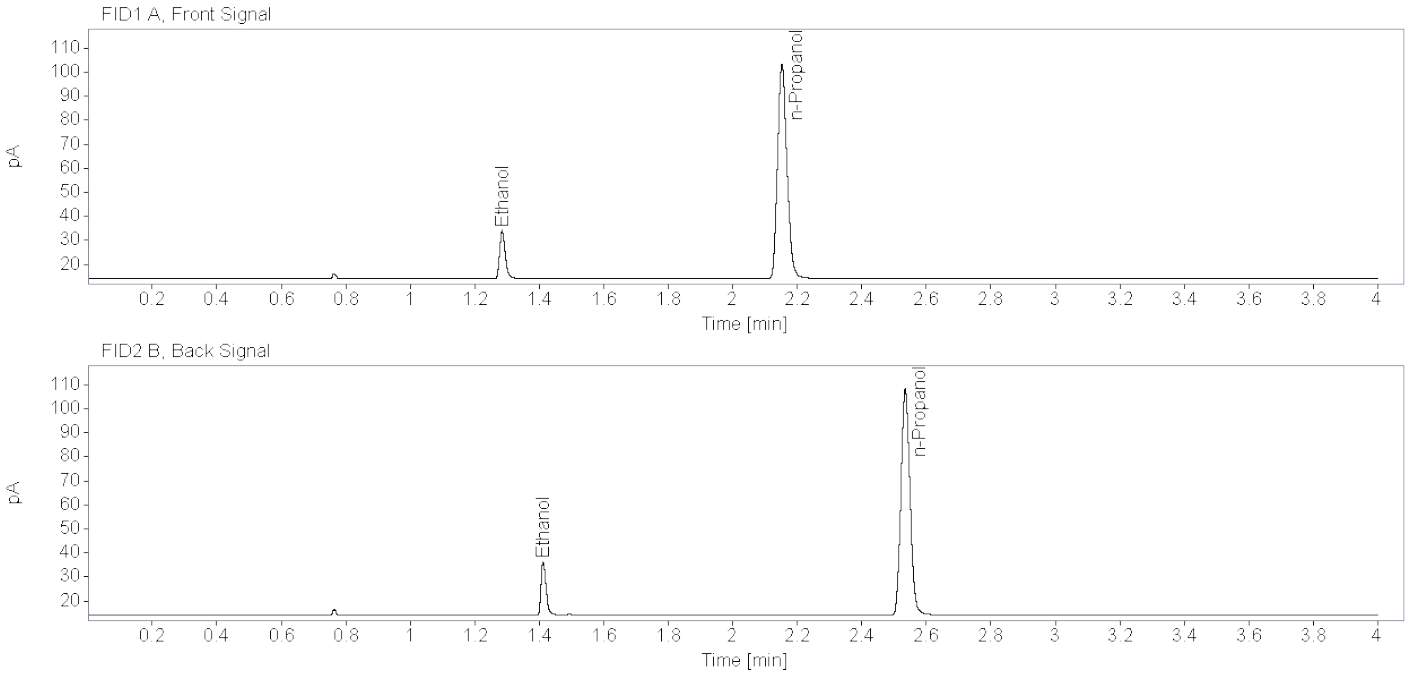
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72681	1.286	1.286	9.4160	0.0103
n-Propanol	0.81043	2.152	2.152	180.2453	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71632	1.413	1.413	9.4679	0.0103
n-Propanol	0.87068	2.534	2.534	183.4215	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-2070) **Description:** **Sample Barcode** 24-2070 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:12:57 PM
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Name FID1A

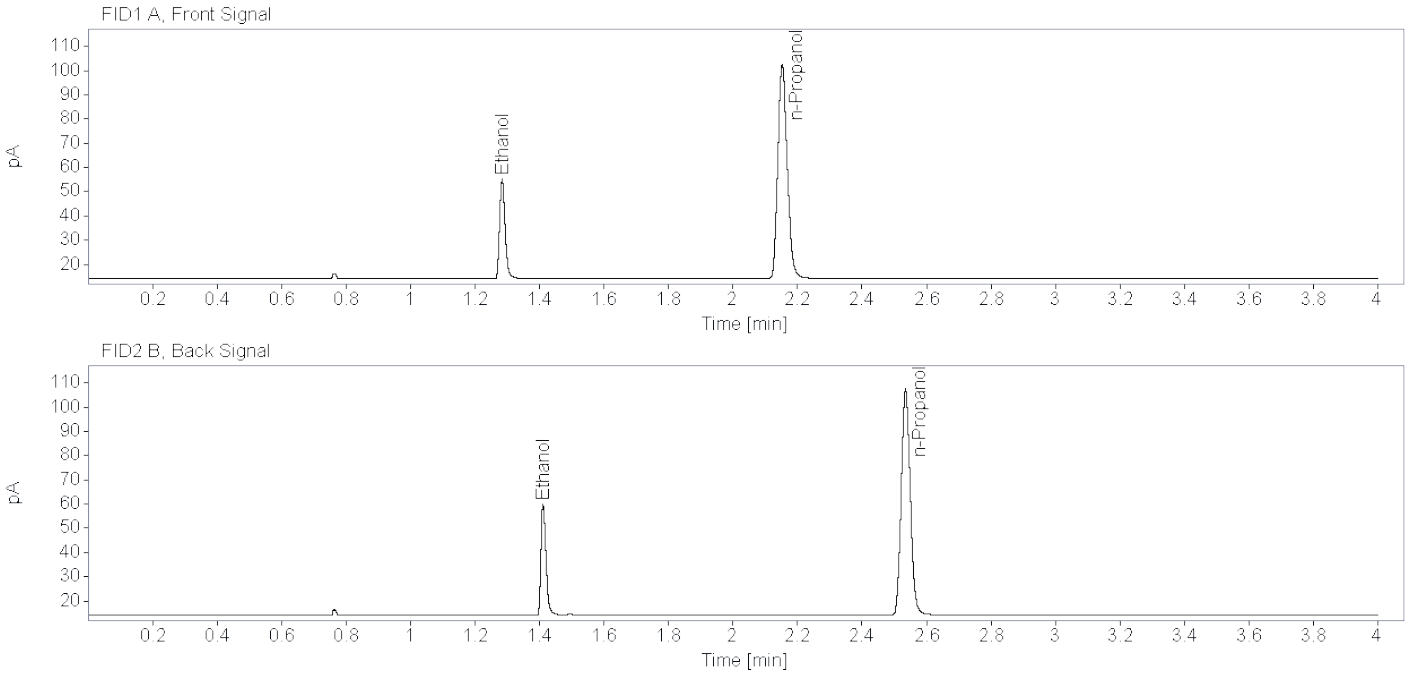
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72756	1.285	1.285	23.7201	0.0247
n-Propanol	0.80372	2.153	2.153	179.9759	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72050	1.412	1.412	24.0582	0.0247
n-Propanol	0.88198	2.535	2.535	182.9905	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-2071) **Description:** **Sample Barcode** 24-2071 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:18:38 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\003F0301.D



Name FID1A

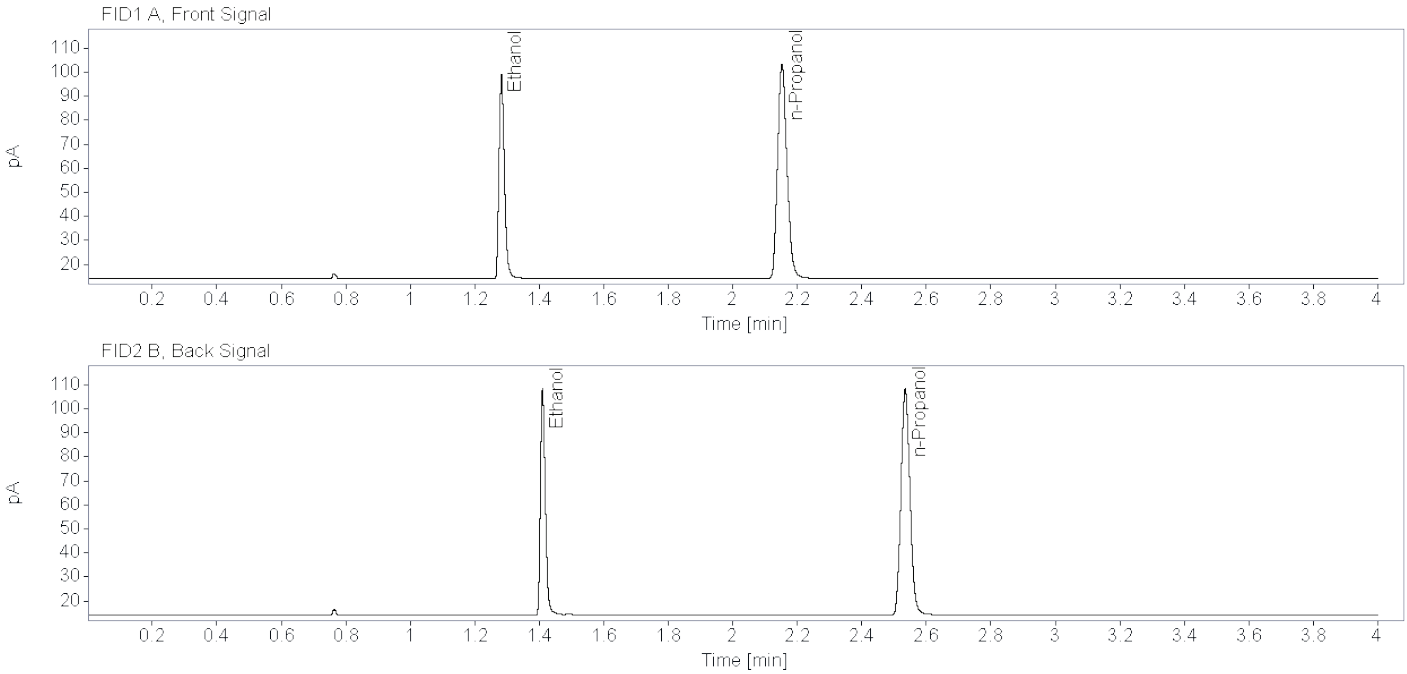
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73165	1.284	1.284	48.1116	0.0496
n-Propanol	0.80540	2.153	2.153	178.3392	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73234	1.411	1.411	48.9820	0.0497
n-Propanol	0.87532	2.535	2.535	181.3806	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-2072) **Description:** **Sample Barcode** 24-2072 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:23:21 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\004F0401.D



Name FID1A

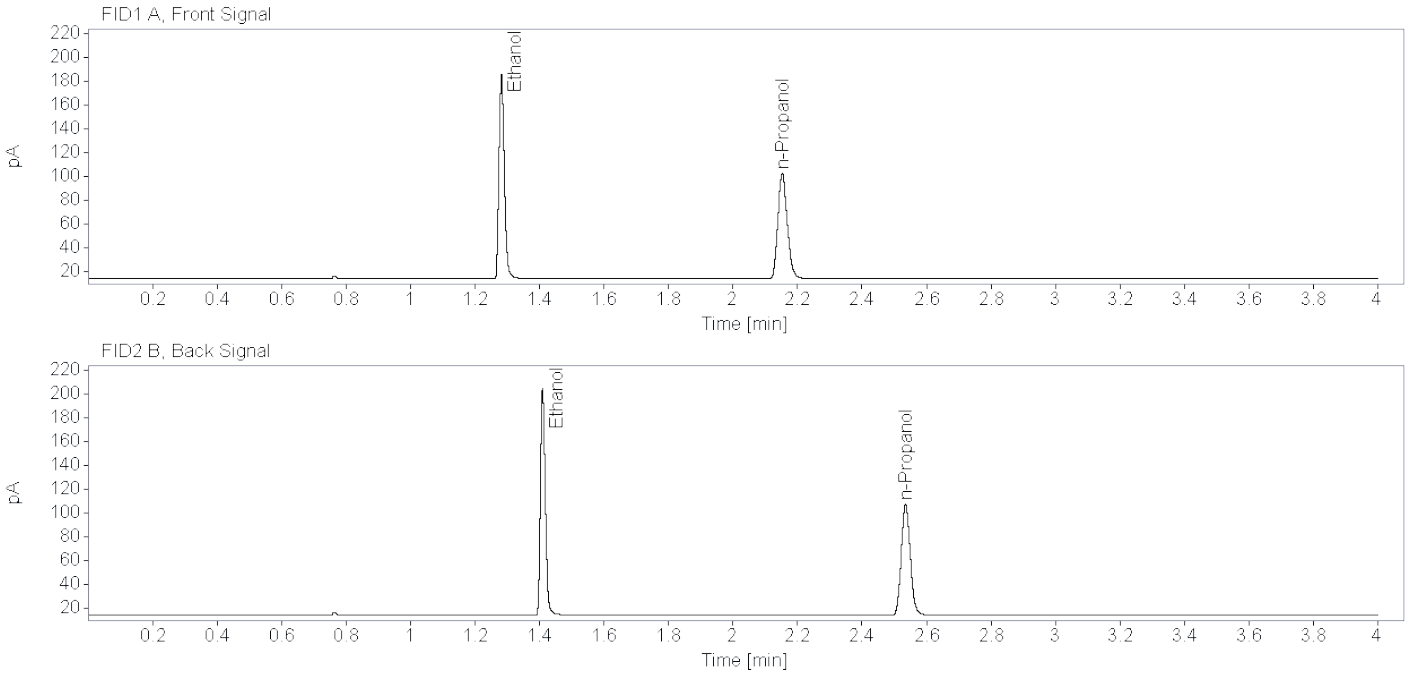
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74991	1.283	1.283	97.7782	0.0990
n-Propanol	0.80198	2.153	2.153	179.8996	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74168	1.410	1.410	98.8508	0.0984
n-Propanol	0.87939	2.535	2.535	182.8147	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-2073) **Description:** **Sample Barcode** 24-2073 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:29:02 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\005F0501.D



Name FID1A

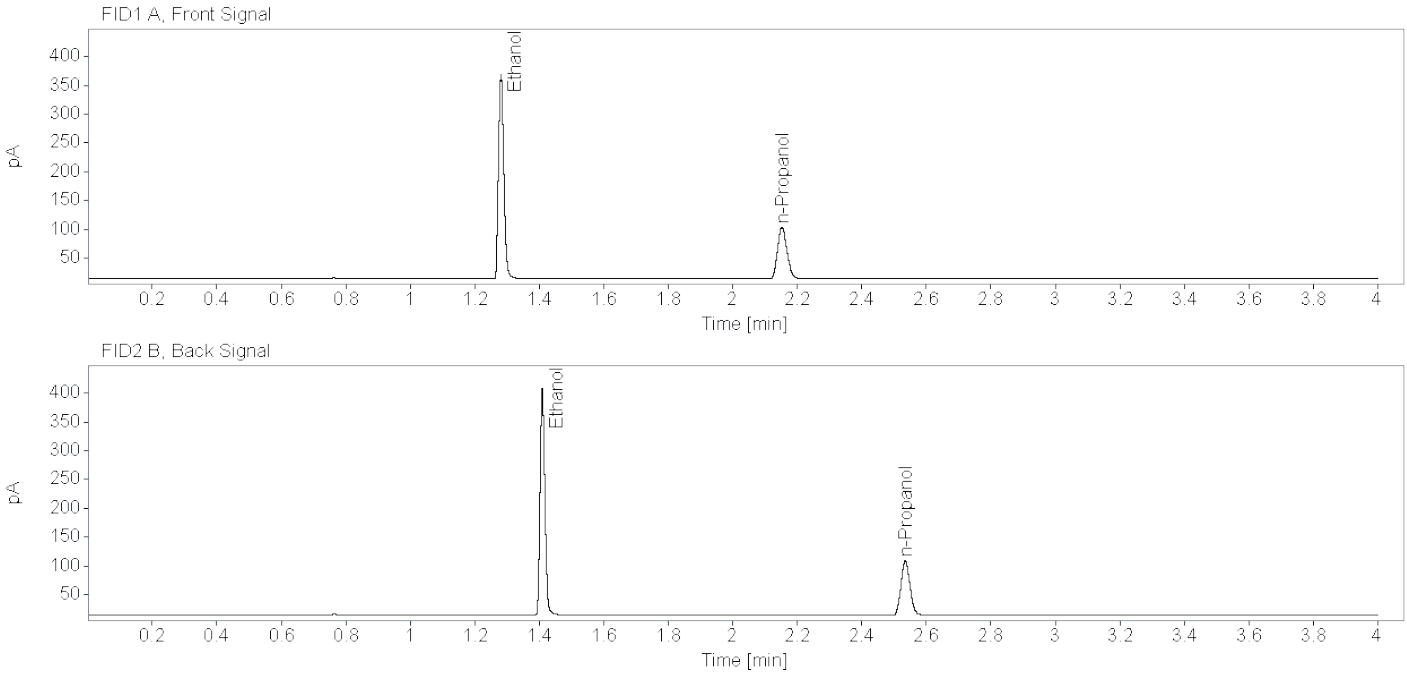
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77274	1.282	1.282	196.1894	0.1989
n-Propanol	0.80570	2.153	2.153	178.8513	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78474	1.410	1.410	199.2537	0.1984
n-Propanol	0.87345	2.535	2.535	181.8256	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-2074) **Description:** **Sample Barcode** 24-2074 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:33:45 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\006F0601.D



Name FID1A

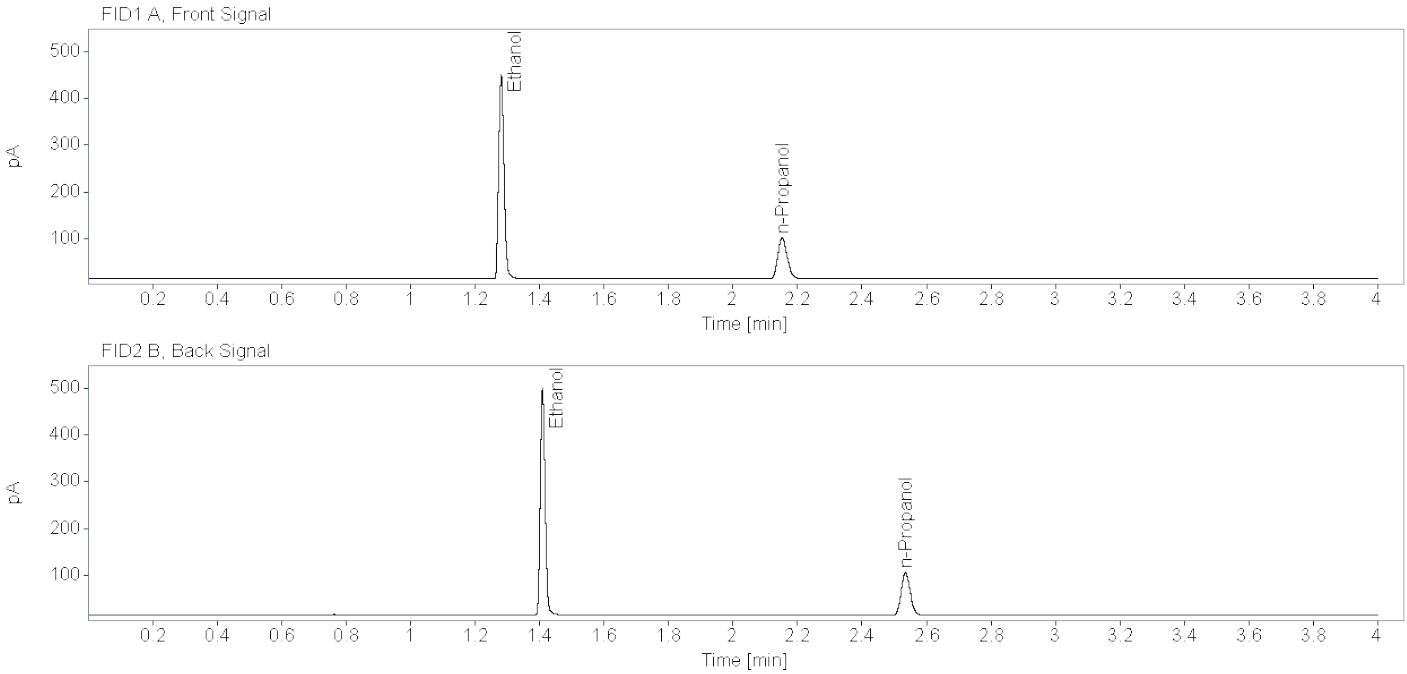
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79547	1.282	1.282	401.1872	0.3988
n-Propanol	0.80300	2.153	2.153	181.9367	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83582	1.409	1.409	409.4102	0.3990
n-Propanol	0.87382	2.535	2.535	185.2467	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-2075) **Description:** **Sample Barcode** 24-2075 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:39:26 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\007F0701.D



Name FID1A

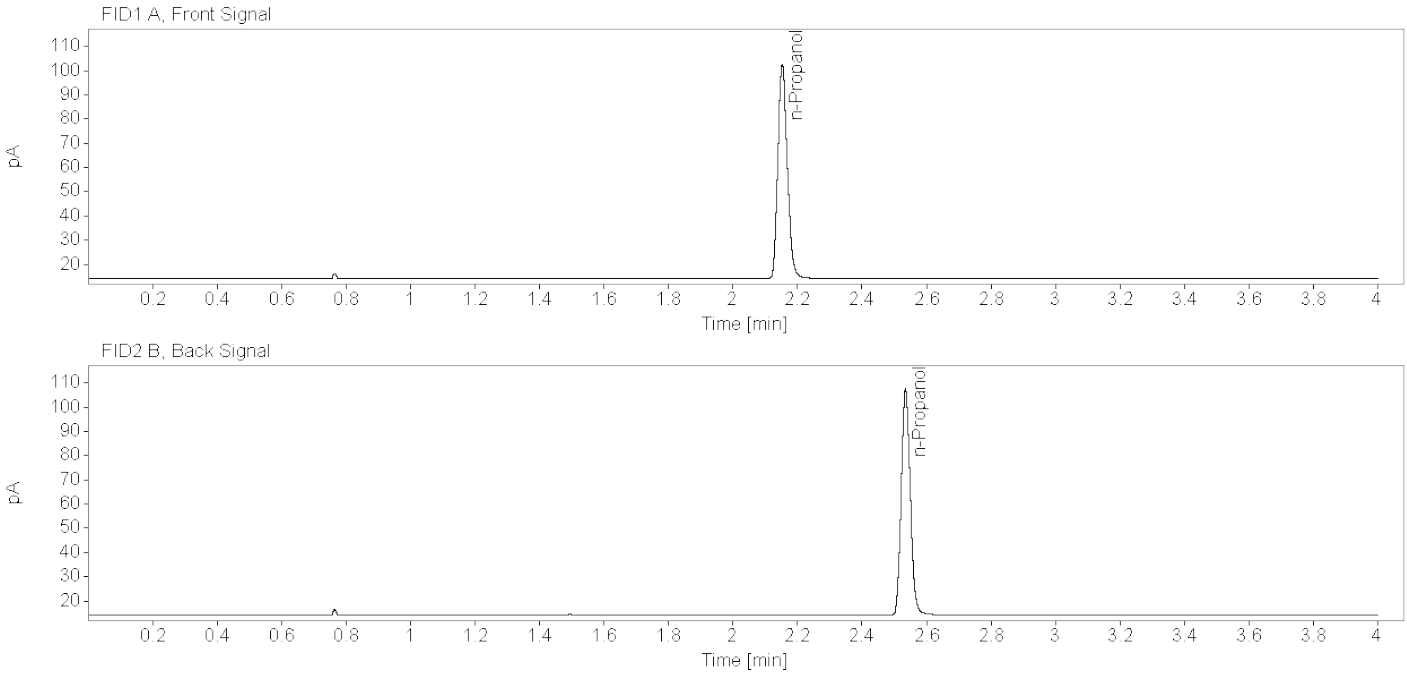
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80679	1.281	1.281	494.4687	0.5038
n-Propanol	0.80094	2.152	2.152	177.4324	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84791	1.409	1.409	503.7603	0.5046
n-Propanol	0.87097	2.535	2.535	180.1657	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-2076) **Description:** **Sample Barcode** 24-2076 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:44:09 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\008F0801.D



Name FID1A

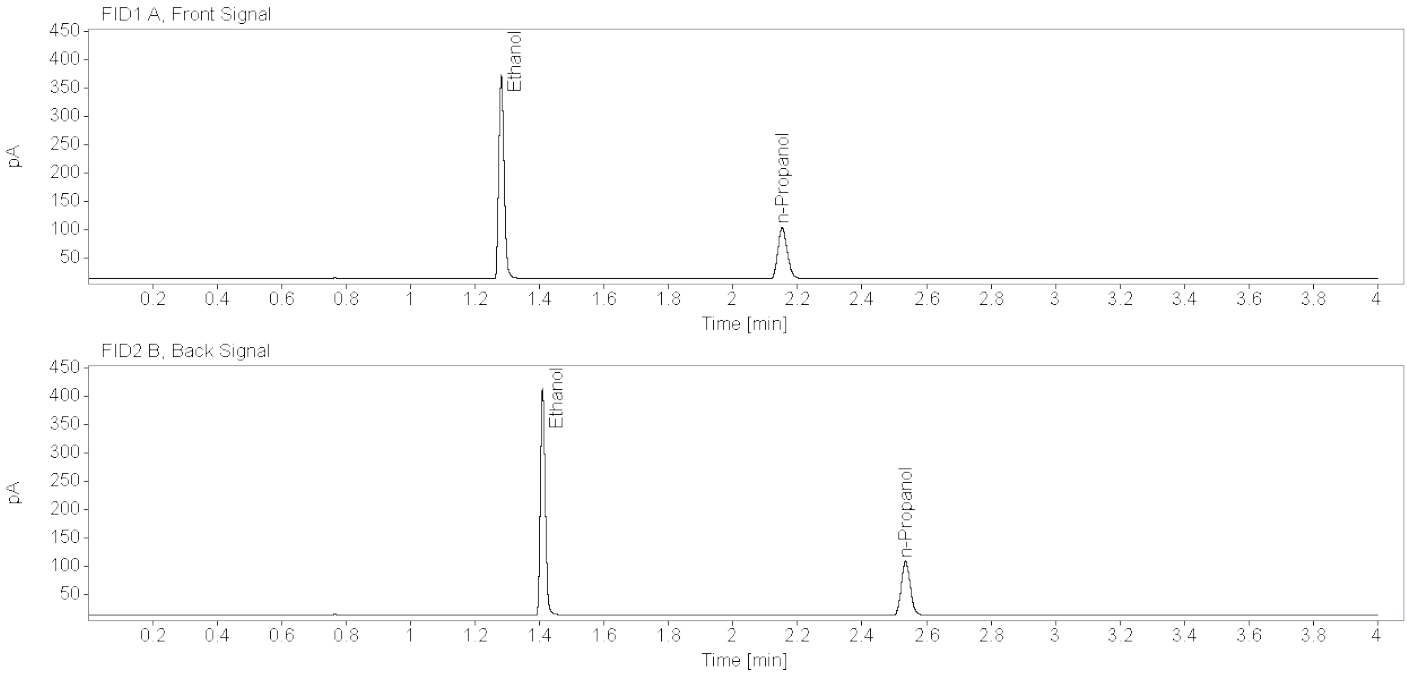
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80410	2.153	2.152	179.0845	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86670	2.535	2.535	181.7728	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-2077) **Description:** **Sample Barcode** 24-2077 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:49:50 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\009F0901.D



Name FID1A

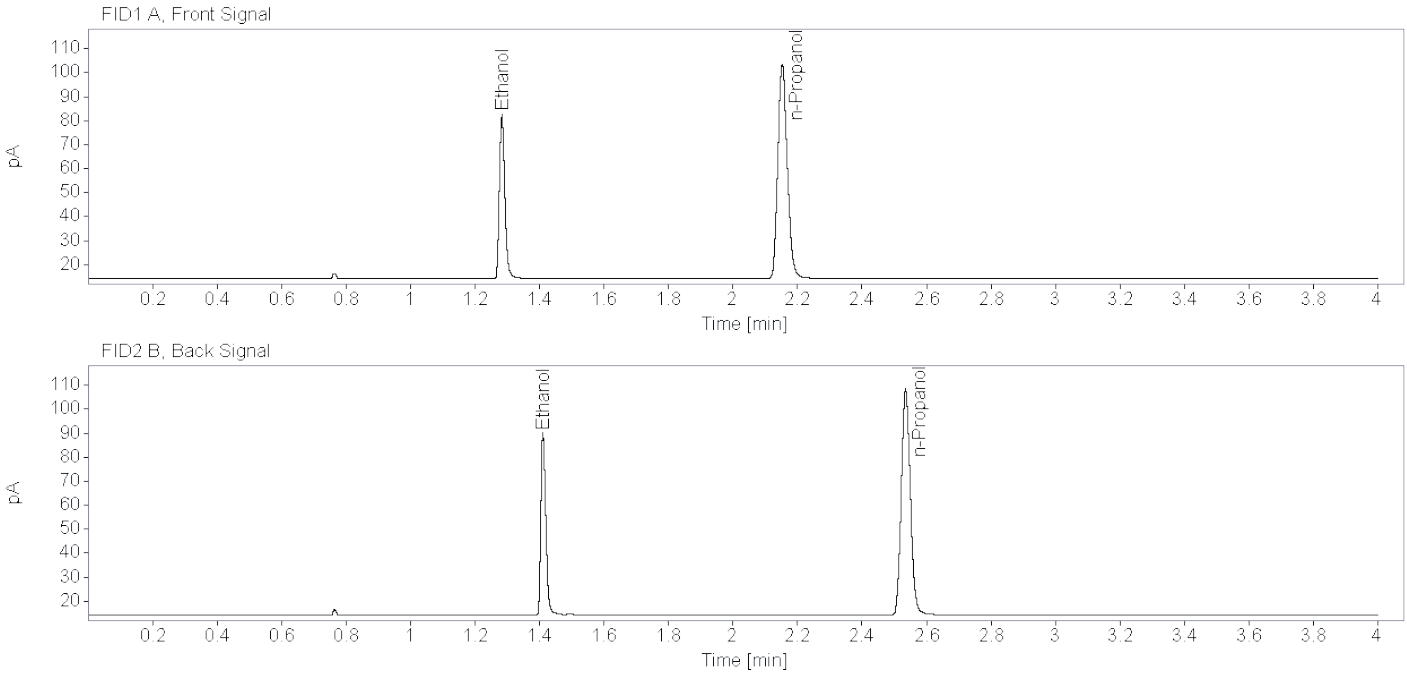
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80159	1.282	1.281	407.1770	0.4050
n-Propanol	0.80292	2.153	2.152	181.8432	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83582	1.410	1.409	414.4636	0.4056
n-Propanol	0.86989	2.535	2.535	184.4995	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-2078) **Description:** **Sample Barcode** 24-2078 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 1:54:34 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\010F1001.D



Name FID1A

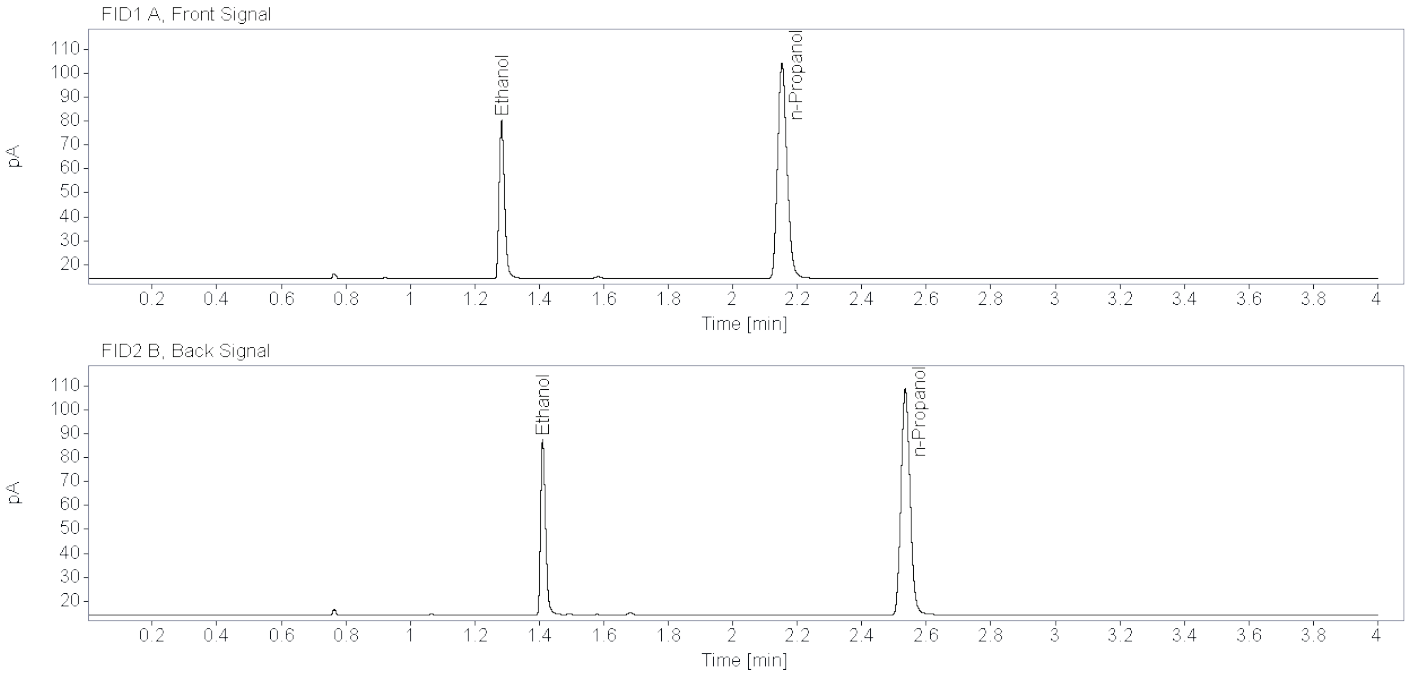
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75149	1.283	1.281	78.7236	0.0794
n-Propanol	0.80825	2.153	2.152	180.8538	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74001	1.411	1.409	79.7501	0.0792
n-Propanol	0.85859	2.535	2.535	183.6423	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2079) **Description:** **Sample Barcode** 24-2079 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:00:14 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\011F1101.D



Name FID1A

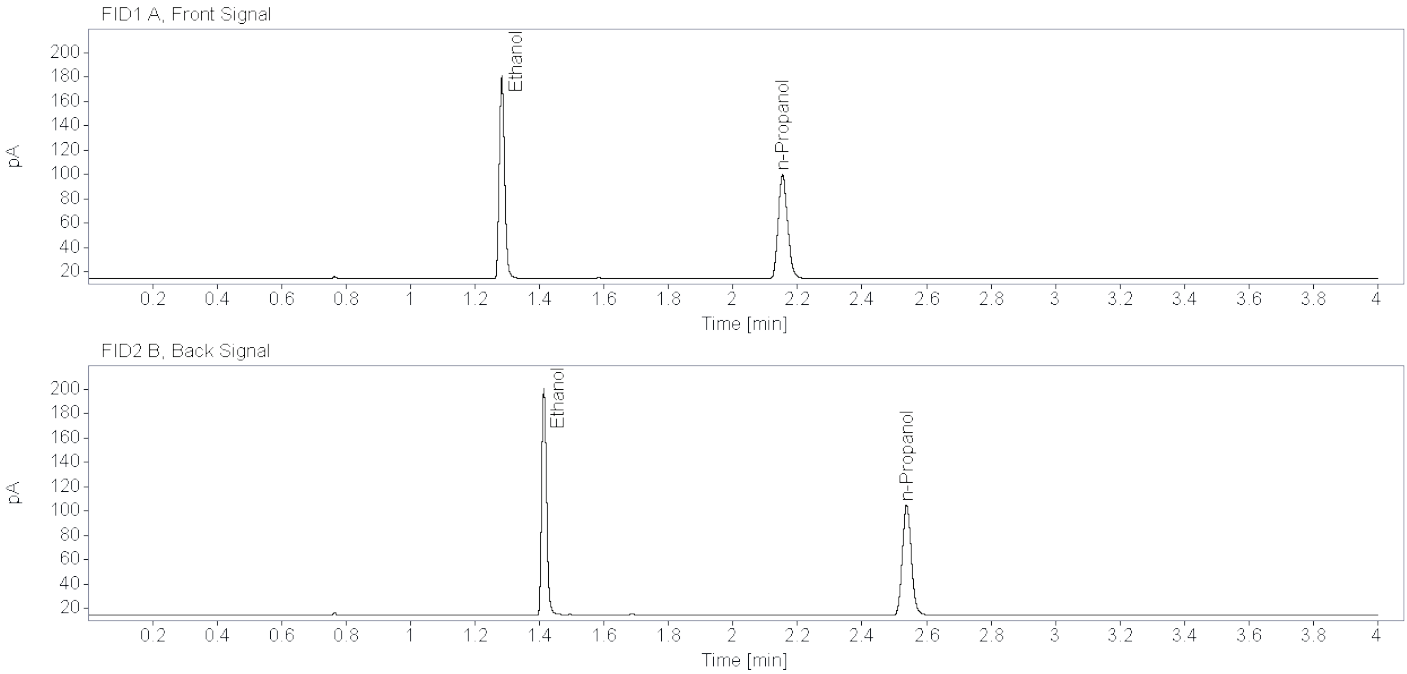
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74817	1.283	1.281	76.6453	0.0771
n-Propanol	0.80242	2.153	2.152	181.5553	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74653	1.411	1.409	77.5269	0.0768
n-Propanol	0.87157	2.535	2.535	184.3838	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2090) **Description:** **Sample Barcode** 24-2090 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:57:49 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\022F2201.D



Name FID1A

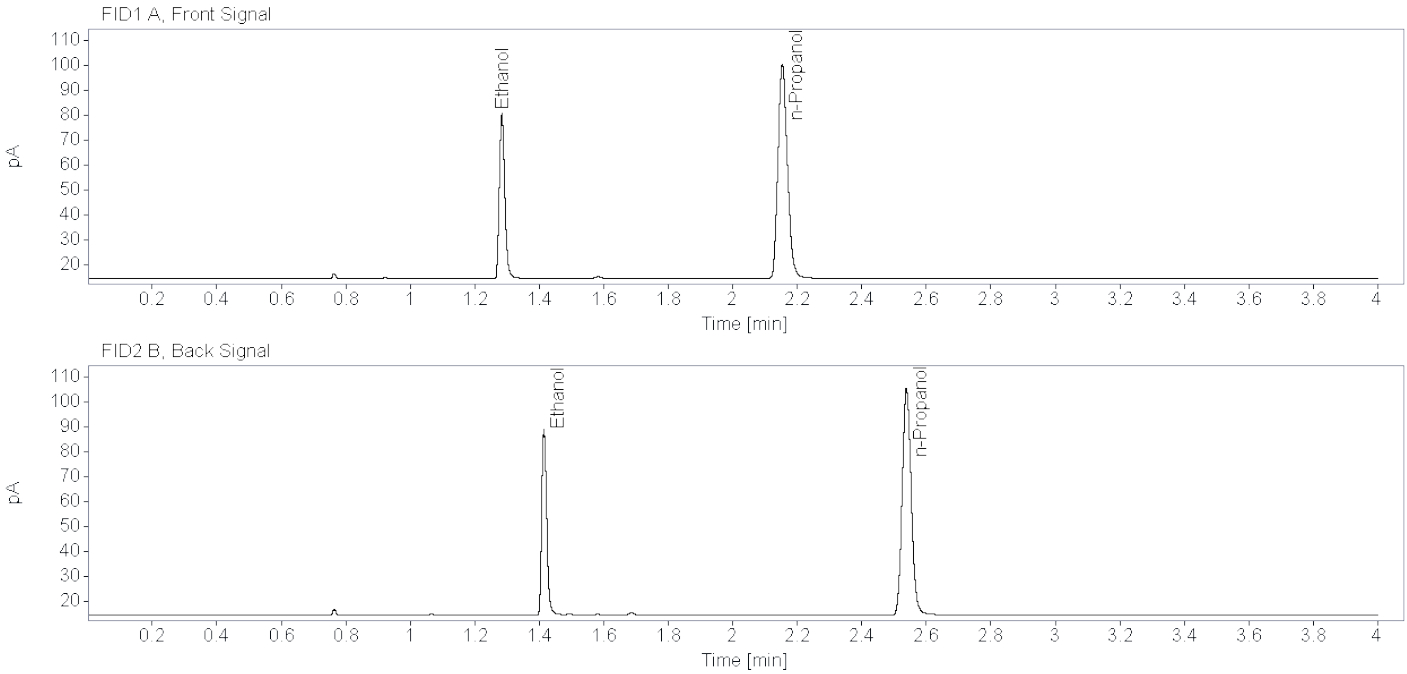
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80074	1.283	1.281	190.8985	0.2002
n-Propanol	0.81618	2.154	2.152	172.8184	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81808	1.414	1.409	193.9181	0.1999
n-Propanol	0.87394	2.538	2.535	175.5805	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2101) **Description:** **Sample Barcode** 24-2101 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:55:20 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\033F3301.D



Name FID1A

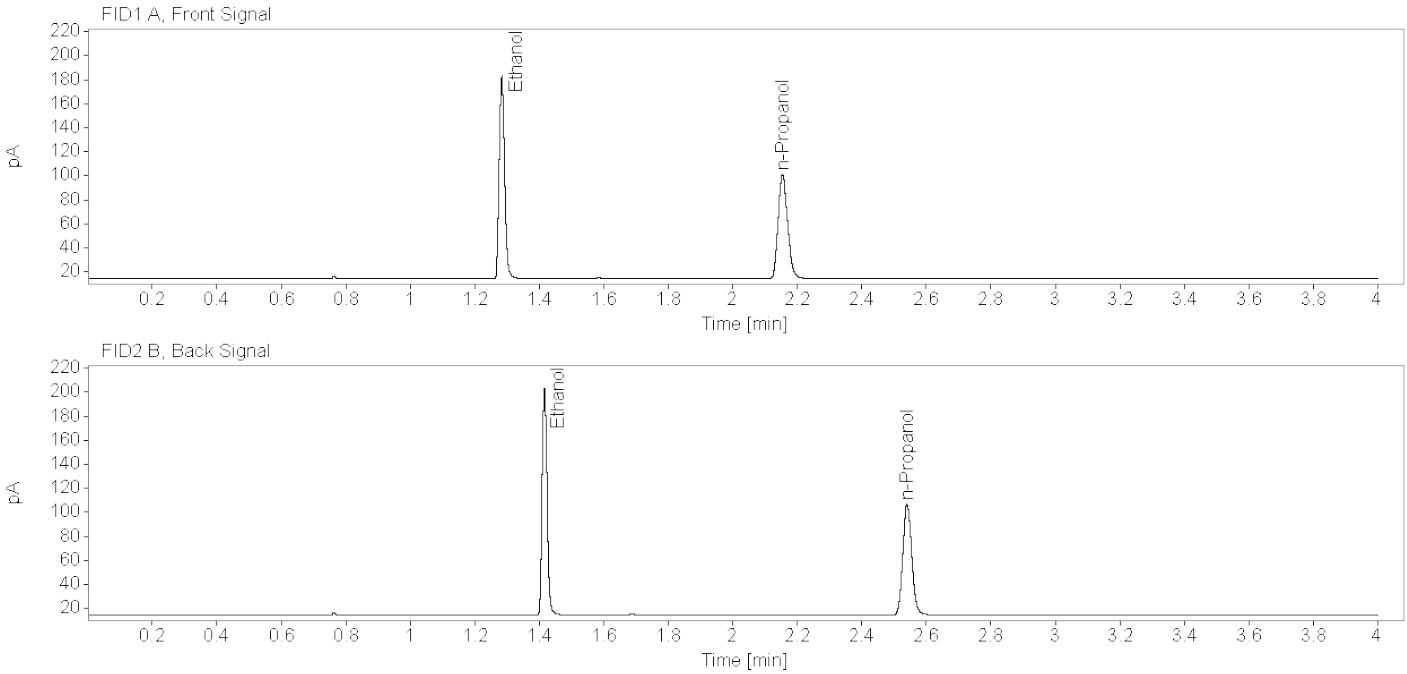
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77623	1.284	1.281	77.0333	0.0808
n-Propanol	0.80546	2.154	2.152	174.0321	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79184	1.415	1.409	78.2225	0.0807
n-Propanol	0.86506	2.539	2.535	176.8509	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2112) **Description:** **Sample Barcode** 24-2112 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:52:56 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\044F4401.D



Name FID1A

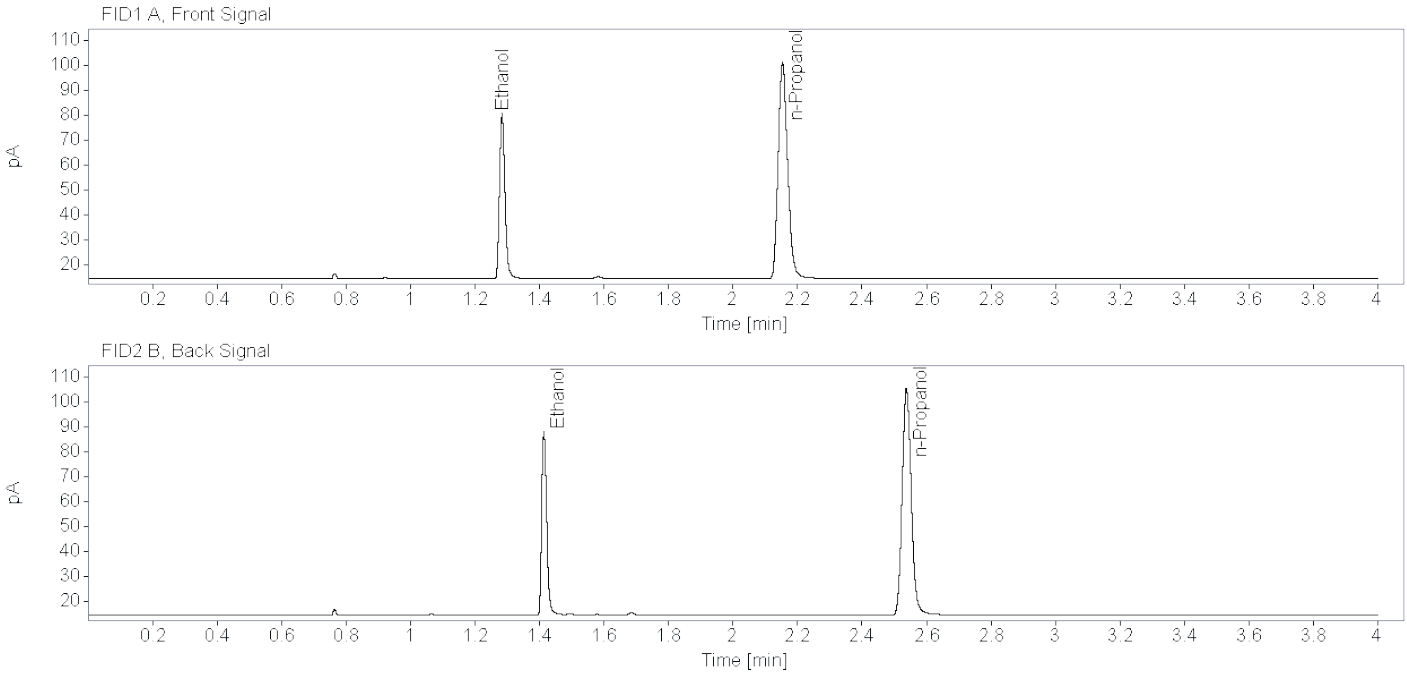
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80172	1.284	1.281	194.5521	0.2002
n-Propanol	0.81199	2.154	2.152	176.1564	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82475	1.416	1.409	198.3109	0.2004
n-Propanol	0.86754	2.541	2.535	179.0963	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2123) **Description:** **Sample Barcode** 24-2123 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:49:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\055F5501.D



Name FID1A

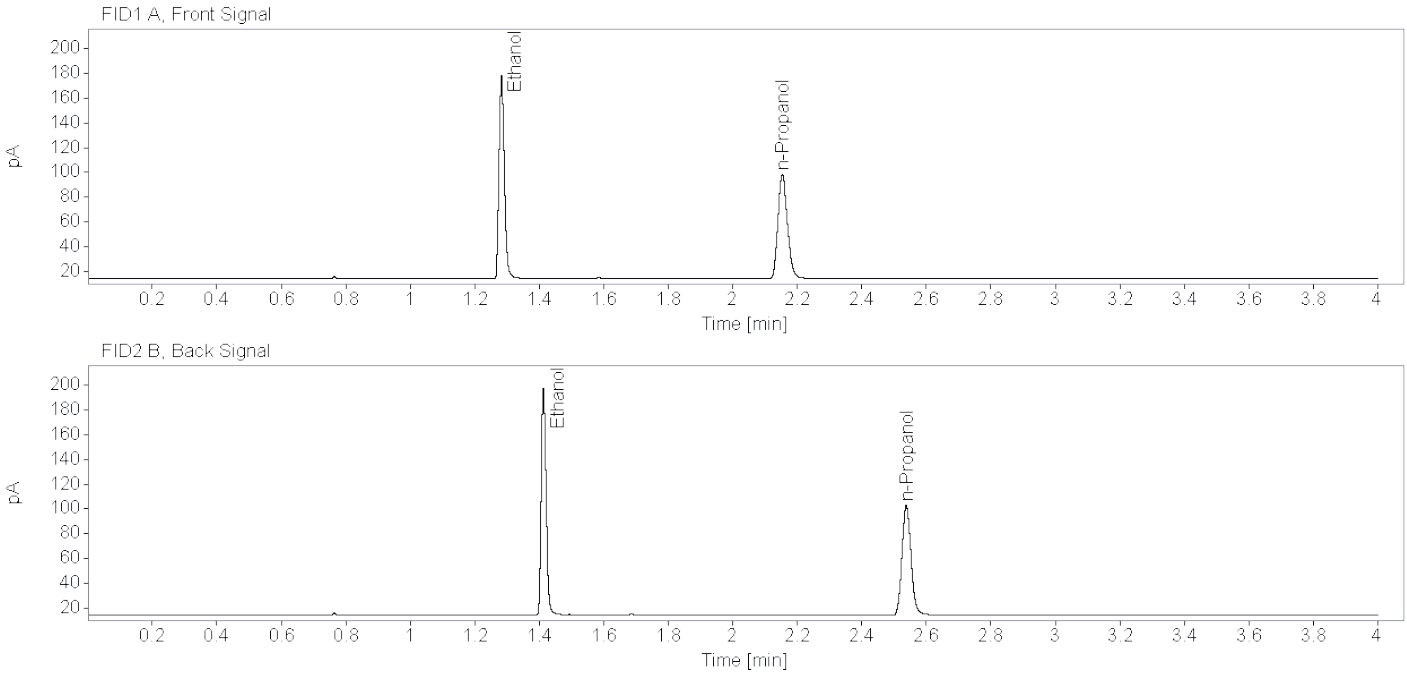
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76754	1.284	1.281	76.3307	0.0794
n-Propanol	0.80483	2.154	2.152	175.3663	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76647	1.414	1.409	77.3930	0.0797
n-Propanol	0.86369	2.538	2.535	177.2616	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2134) **Description:** **Sample Barcode** 24-2134 **Vial Number:** 66
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:47:20 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\066F6601.D



Name FID1A

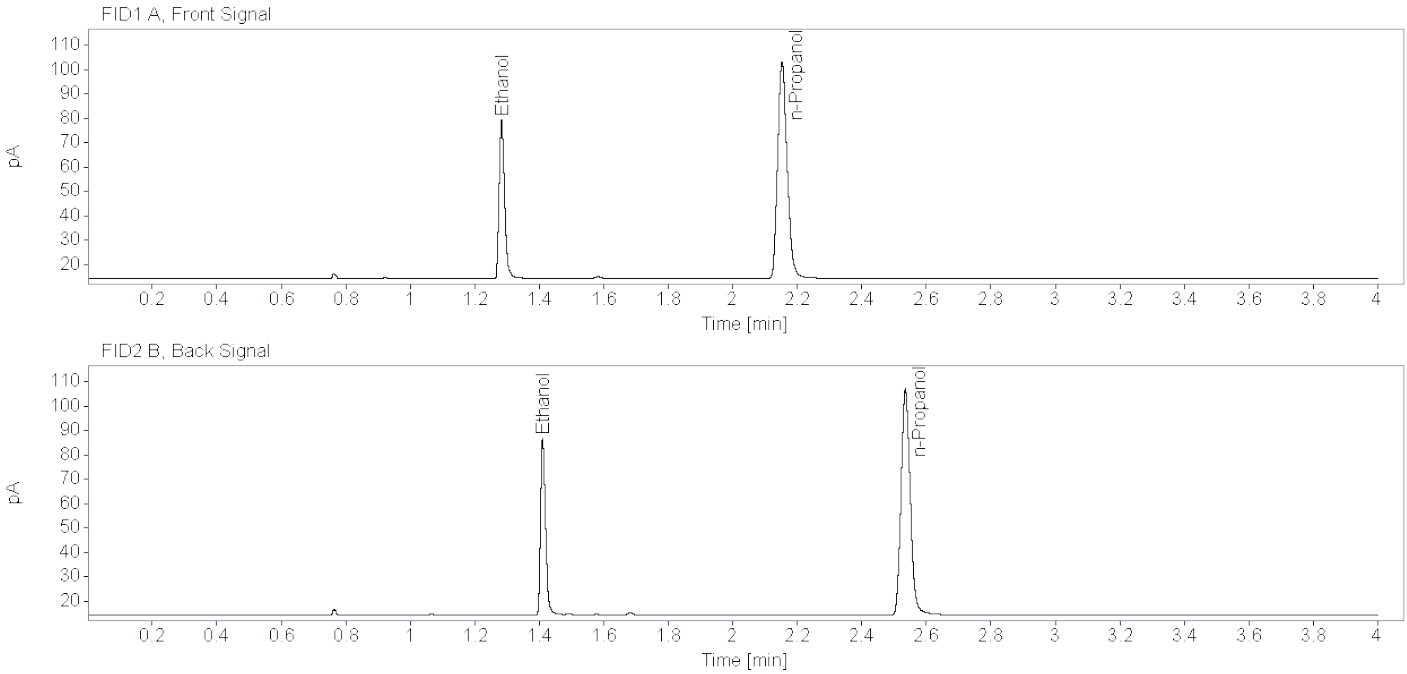
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78172	1.283	1.281	186.6823	0.1984
n-Propanol	0.79711	2.154	2.152	170.5957	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78409	1.413	1.409	189.7244	0.1991
n-Propanol	0.85826	2.538	2.535	172.4895	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2145) **Description:** **Sample Barcode** 24-2145 **Vial Number:** 77
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:44:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\077F7701.D



Name FID1A

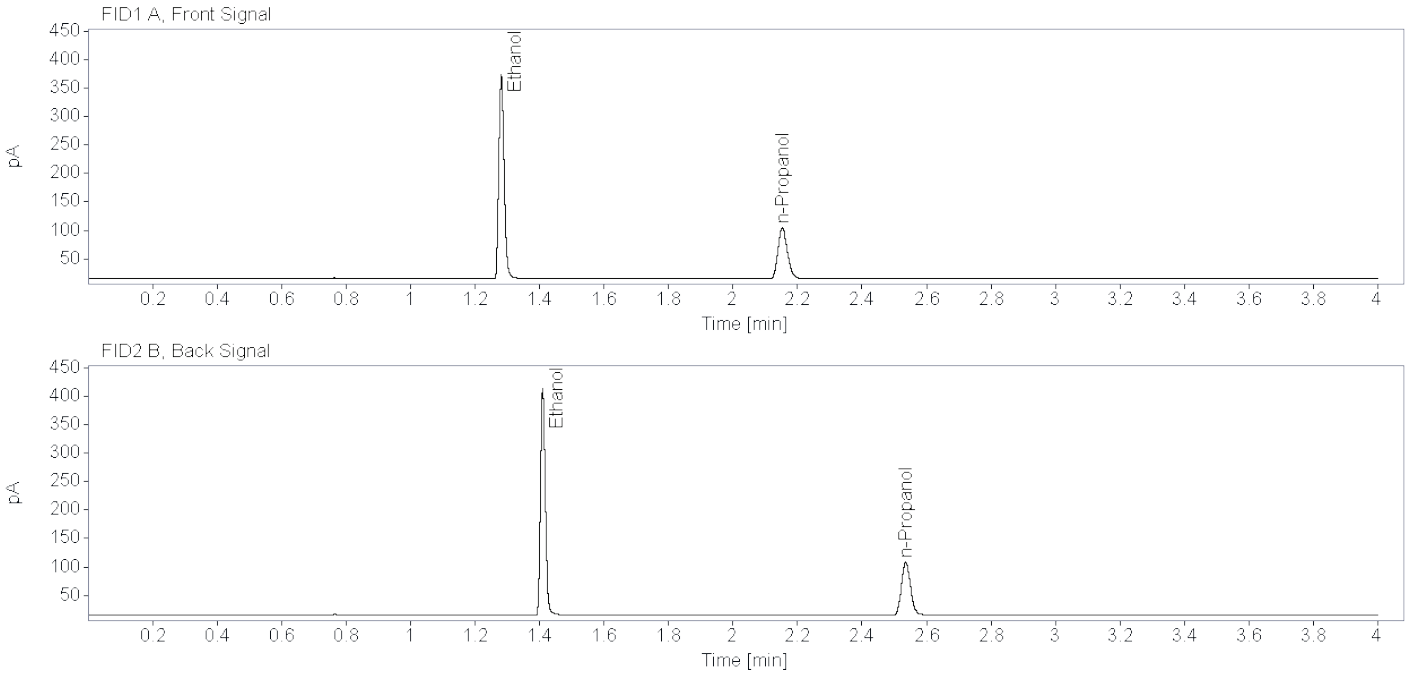
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73222	1.283	1.281	75.3025	0.0762
n-Propanol	0.79363	2.153	2.152	180.5142	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74794	1.411	1.409	76.6586	0.0771
n-Propanol	0.85237	2.535	2.535	181.6139	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-2146) **Description:** **Sample Barcode** 24-2146 **Vial Number:** 78
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:49:44 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\078F7801.D



Name FID1A

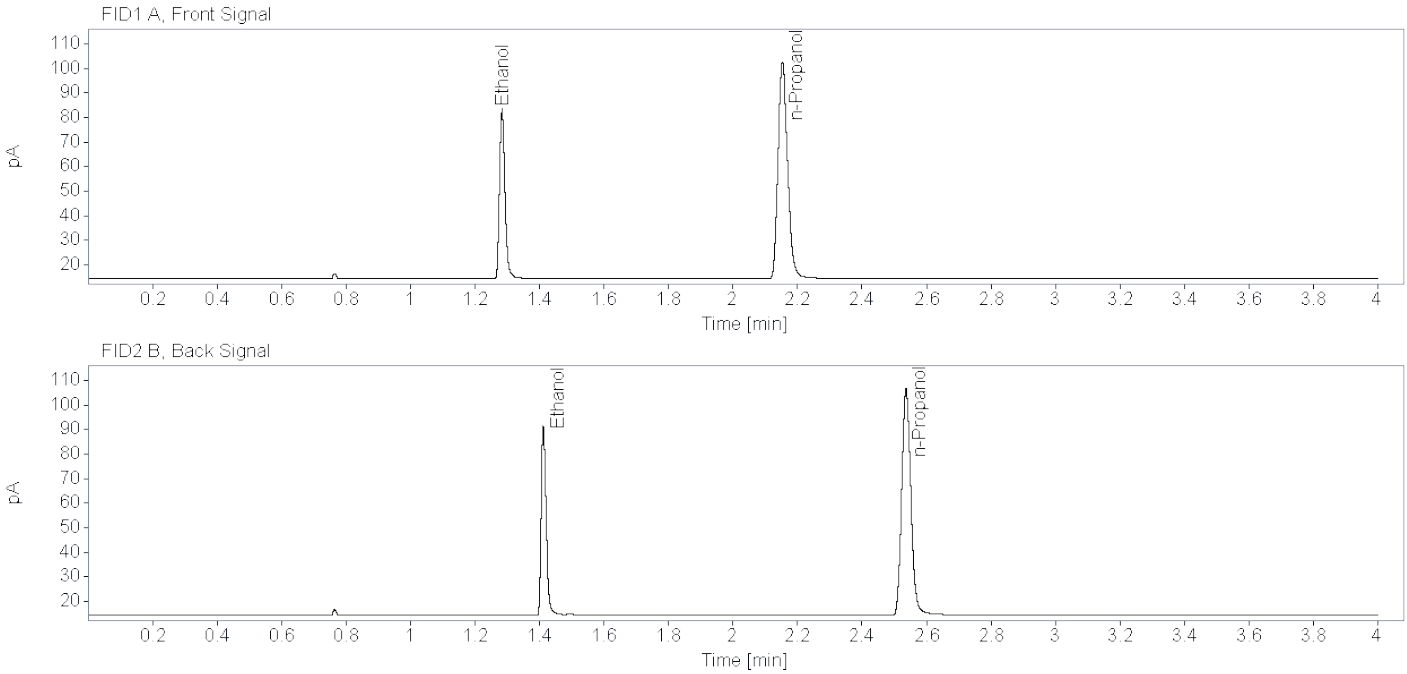
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79407	1.282	1.281	407.8495	0.4032
n-Propanol	0.79404	2.153	2.152	182.9704	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84250	1.410	1.409	415.1826	0.4061
n-Propanol	0.83978	2.536	2.535	184.5654	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-2147) **Description:** **Sample Barcode** 24-2147 **Vial Number:** 79
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:54:32 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\079F7901.D



Name FID1A

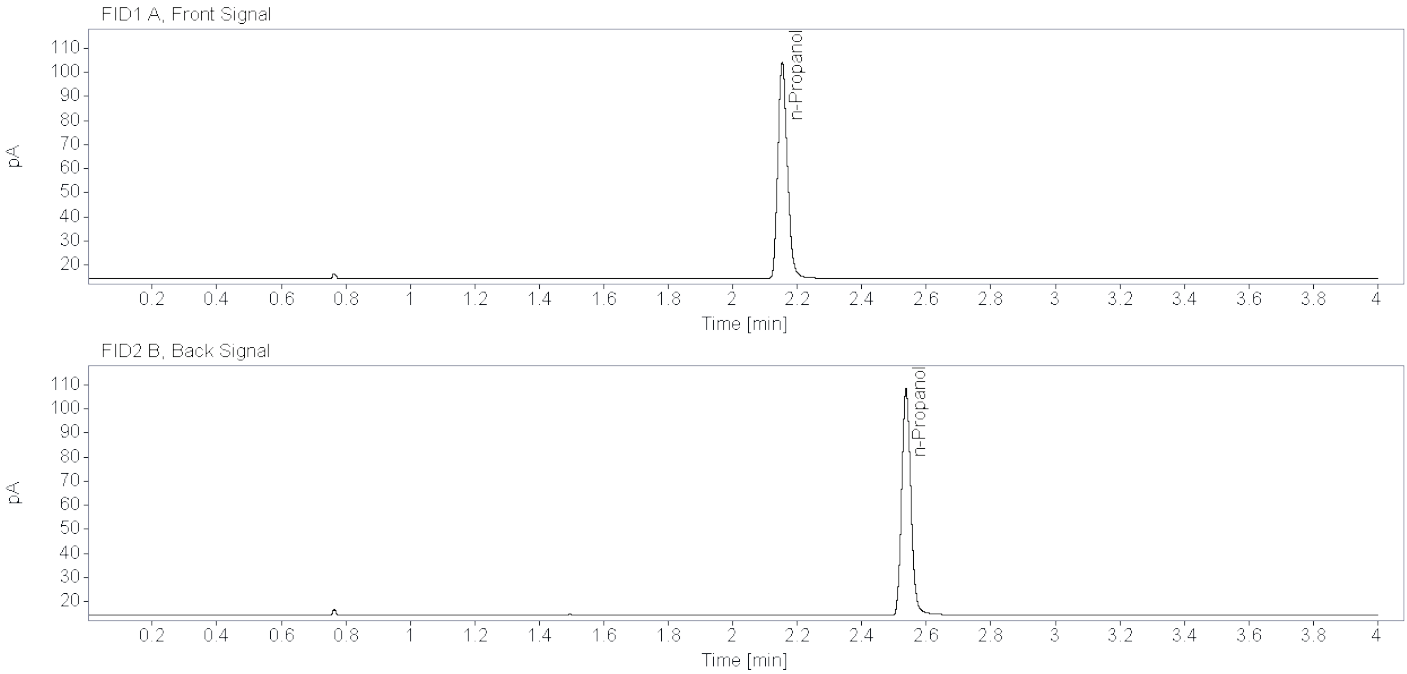
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73795	1.284	1.281	79.5986	0.0809
n-Propanol	0.79471	2.153	2.152	179.4565	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74009	1.412	1.409	80.6505	0.0814
n-Propanol	0.84619	2.536	2.535	180.8355	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-2148) **Description:** **Sample Barcode** 24-2148 **Vial Number:** 80
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 8:00:08 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\080F8001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79558	2.153	2.152	182.0787	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85152	2.537	2.535	184.0082	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1604 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1555	Aliquot 1:	0.1551
	Aliquot 2:	0.1513	Aliquot 2:	0.1519

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

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

Comments:

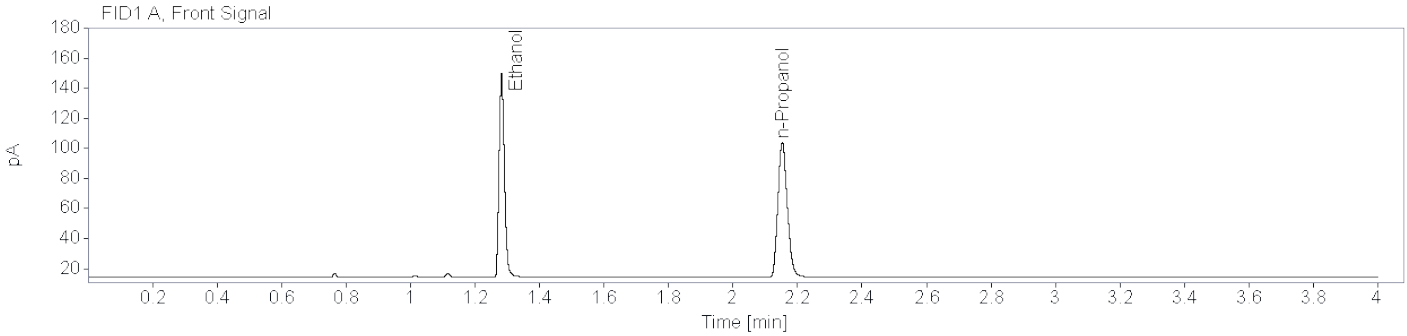
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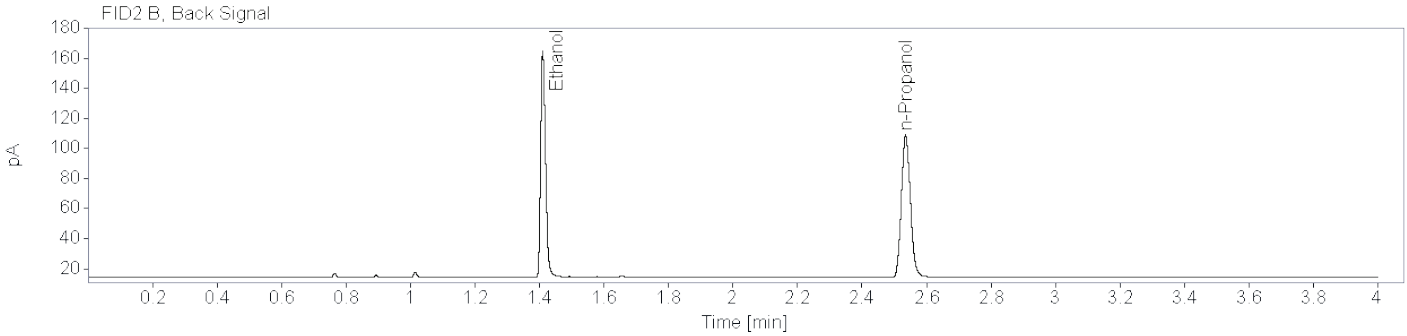
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1604 001_001 (24-2080) **Description:** Alq 1 **Sample Barcode** 24-2080 **Vial Number:** 12

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:04:59 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\012F1201.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78440	1.282	1.281	155.5172	0.1555
n-Propanol	0.80995	2.153	2.152	181.5197	0.0100

Name FID2B

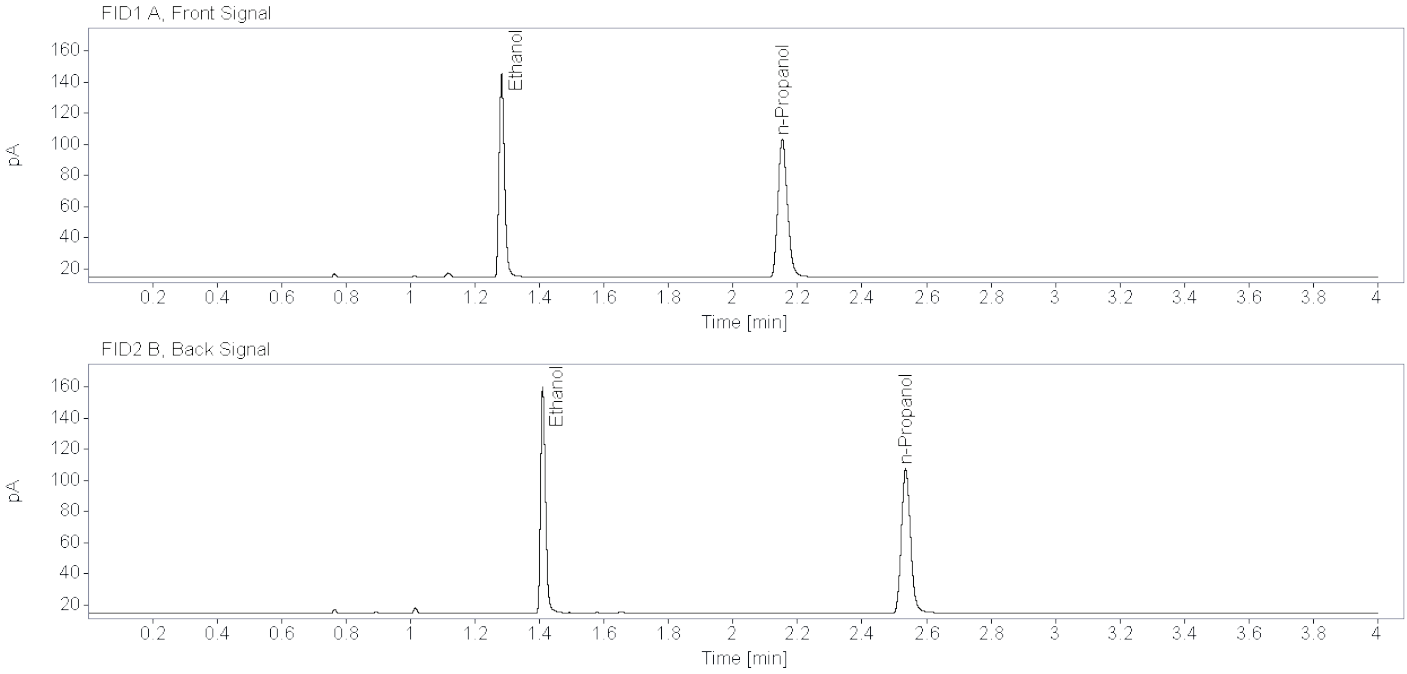
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78130	1.410	1.409	157.8559	0.1551
n-Propanol	0.85596	2.535	2.535	184.5498	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1604 001_001 (24-2144) **Description:** Alq 2 **Sample Barcode** 24-2144 **Vial Number:** 76

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:39:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\076F7601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76311	1.283	1.281	150.9829	0.1513
n-Propanol	0.79541	2.153	2.152	181.1517	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77625	1.410	1.409	153.2851	0.1519
n-Propanol	0.84051	2.535	2.535	182.9483	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1610 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0616	Aliquot 1:	0.0616
	Aliquot 2:	0.0603	Aliquot 2:	0.0609

Reported Result: **0.061** **g/100 mL**

Reported UM: **0.009** **g/100 mL**

Comments:

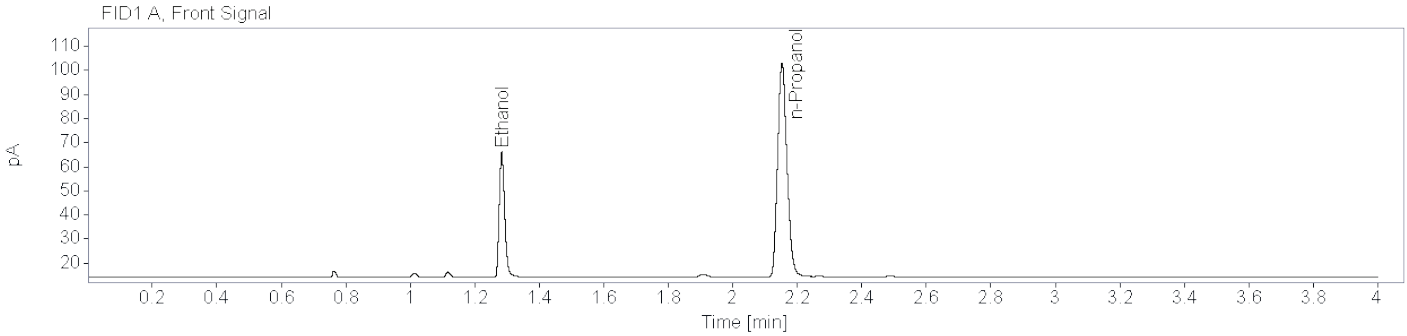
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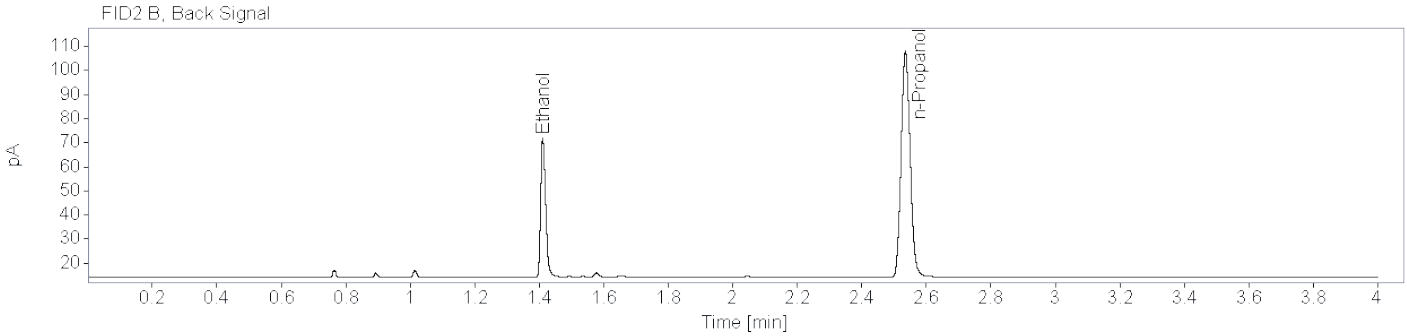
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1610 001_001 (24-2081) **Description:** Alq 1 **Sample Barcode** 24-2081 **Vial Number:** 13

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:10:38 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\013F1301.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74156	1.284	1.281	60.2687	0.0616
n-Propanol	0.80679	2.153	2.152	179.3004	0.0100

Name FID2B

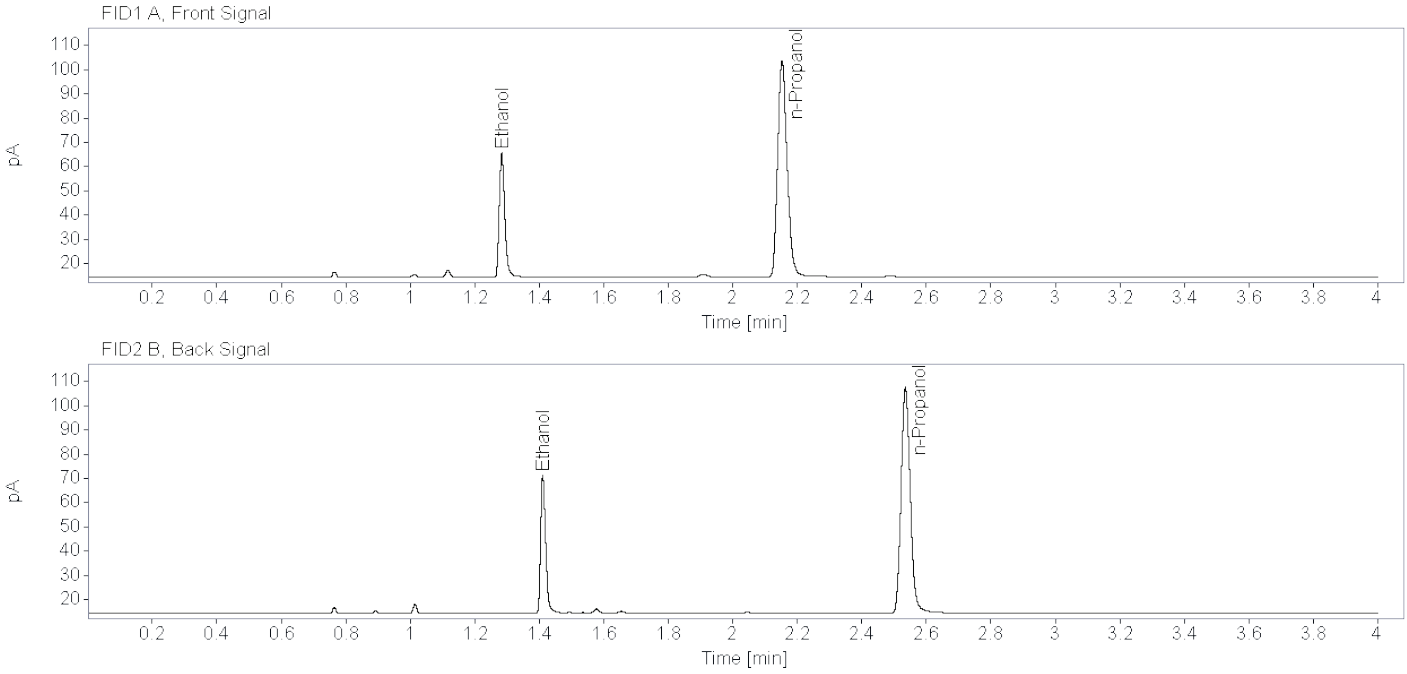
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76030	1.411	1.409	61.4296	0.0616
n-Propanol	0.87211	2.535	2.535	182.6588	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1610 001_001 (24-2143) **Description:** Alq 2 **Sample Barcode** 24-2143 **Vial Number:** 75

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:33:44 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\075F7501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73205	1.284	1.281	59.5898	0.0603
n-Propanol	0.79460	2.153	2.152	180.9916	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74526	1.411	1.409	60.7339	0.0609
n-Propanol	0.84988	2.535	2.535	182.7798	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1616 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1536	Aliquot 1:	0.1537
	Aliquot 2:	0.1531	Aliquot 2:	0.1542

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

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

Comments:

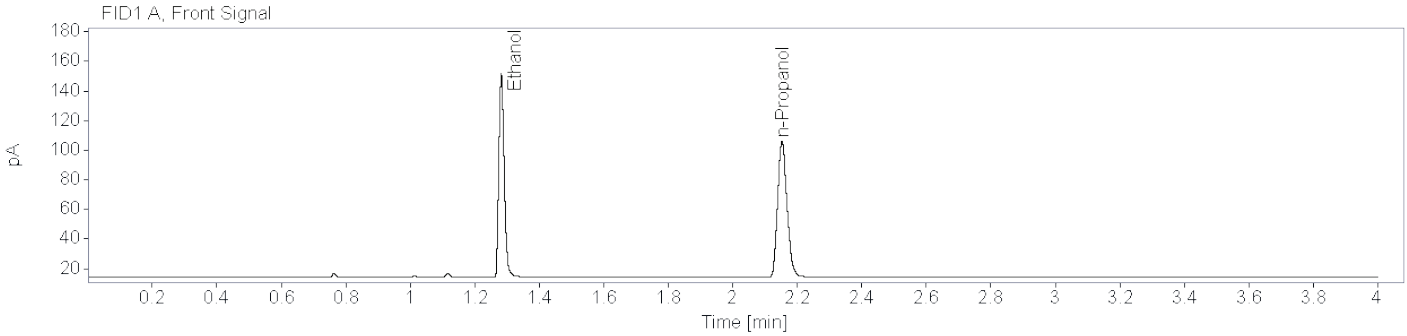
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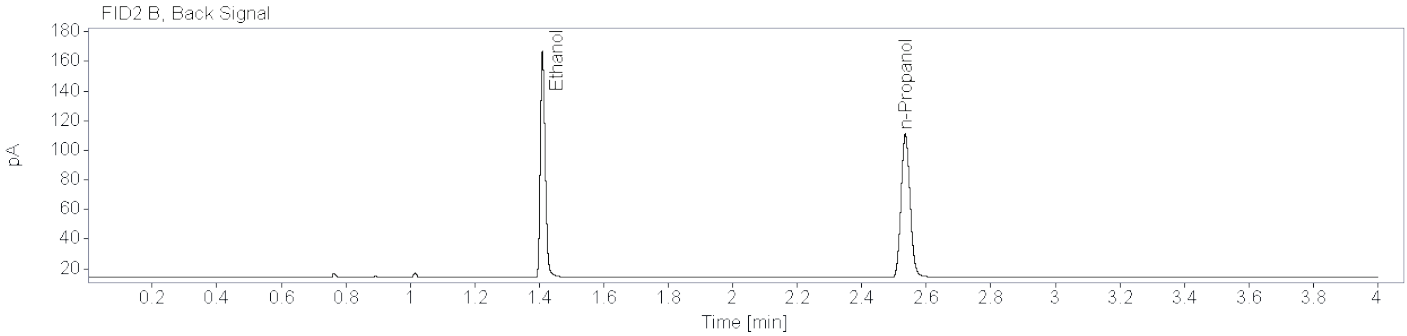
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1616 001_001 (24-2082) **Description:** Alq 1 **Sample Barcode** 24-2082 **Vial Number:** 14

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:15:23 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\014F1401.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76974	1.283	1.281	156.9480	0.1536
n-Propanol	0.80505	2.153	2.152	185.5274	0.0100

Name FID2B

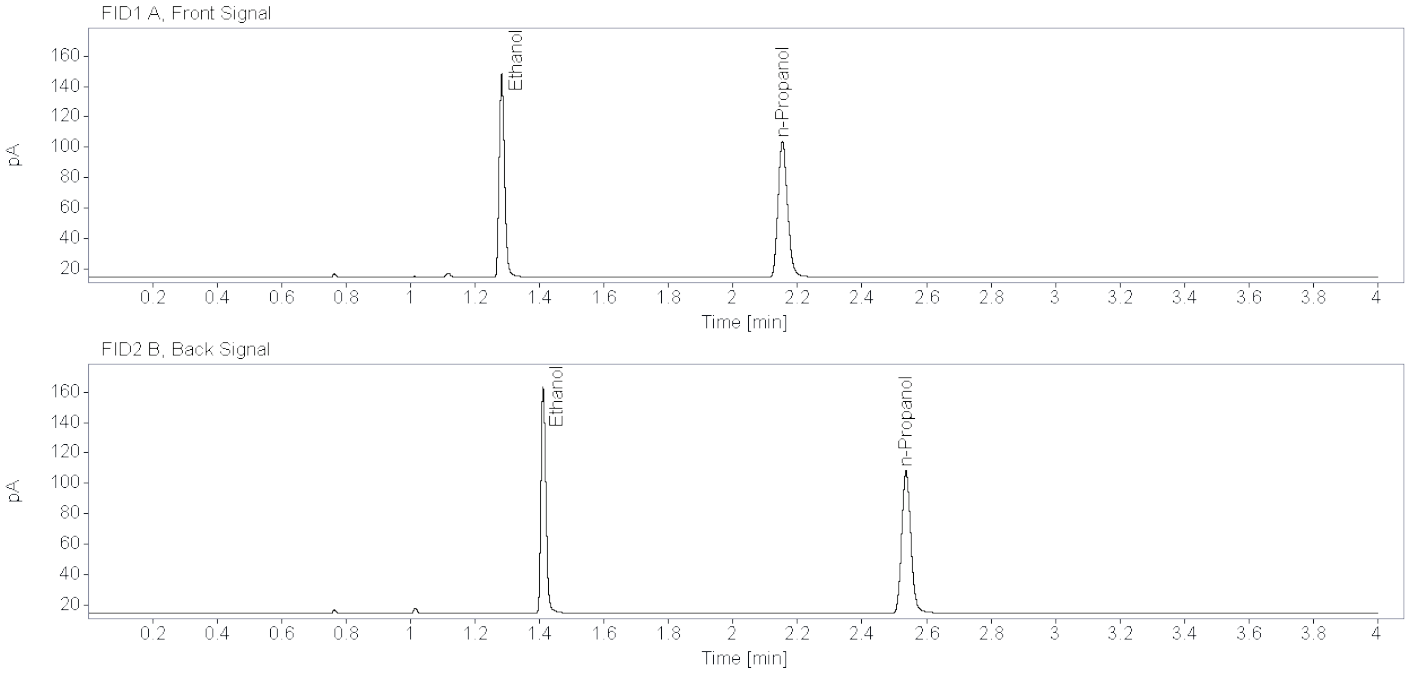
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77088	1.410	1.409	159.7429	0.1537
n-Propanol	0.87293	2.535	2.535	188.4580	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1616 001_001 (24-2142) **Description:** Alq 2 **Sample Barcode** 24-2142 **Vial Number:** 74

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:28:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\074F7401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76822	1.283	1.281	153.3052	0.1531
n-Propanol	0.80199	2.153	2.152	181.8057	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78236	1.411	1.409	155.9228	0.1542
n-Propanol	0.85135	2.536	2.535	183.3134	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1627 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0023	Aliquot 1:	0.0026
	Aliquot 2:	0.0023	Aliquot 2:	0.0025

Reported Result: none detected

Reported UM:

Comments:

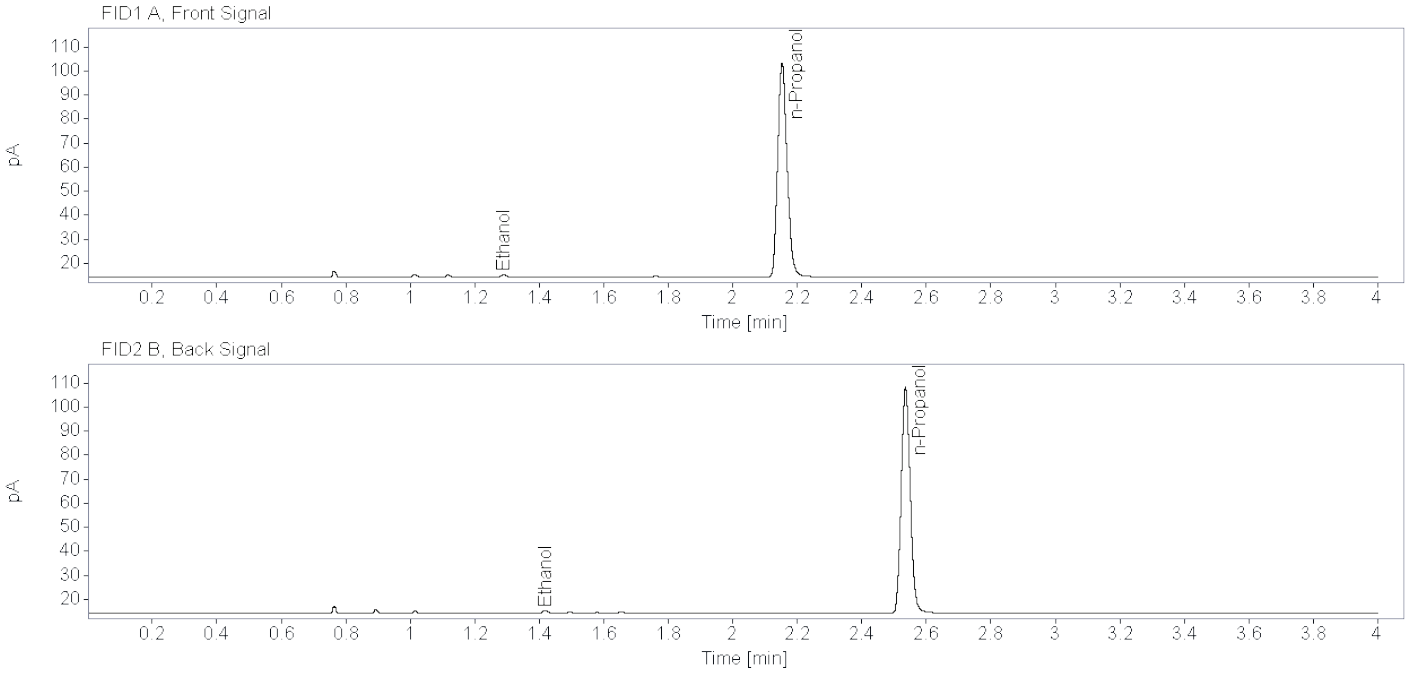
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1627 001_001 (24-2083) **Description:** Alq 1 **Sample Barcode** 24-2083 **Vial Number:** 15

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:21:02 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81354	1.289	1.281	1.4267	0.0023
n-Propanol	0.80407	2.153	2.152	179.6042	0.0100

Name FID2B

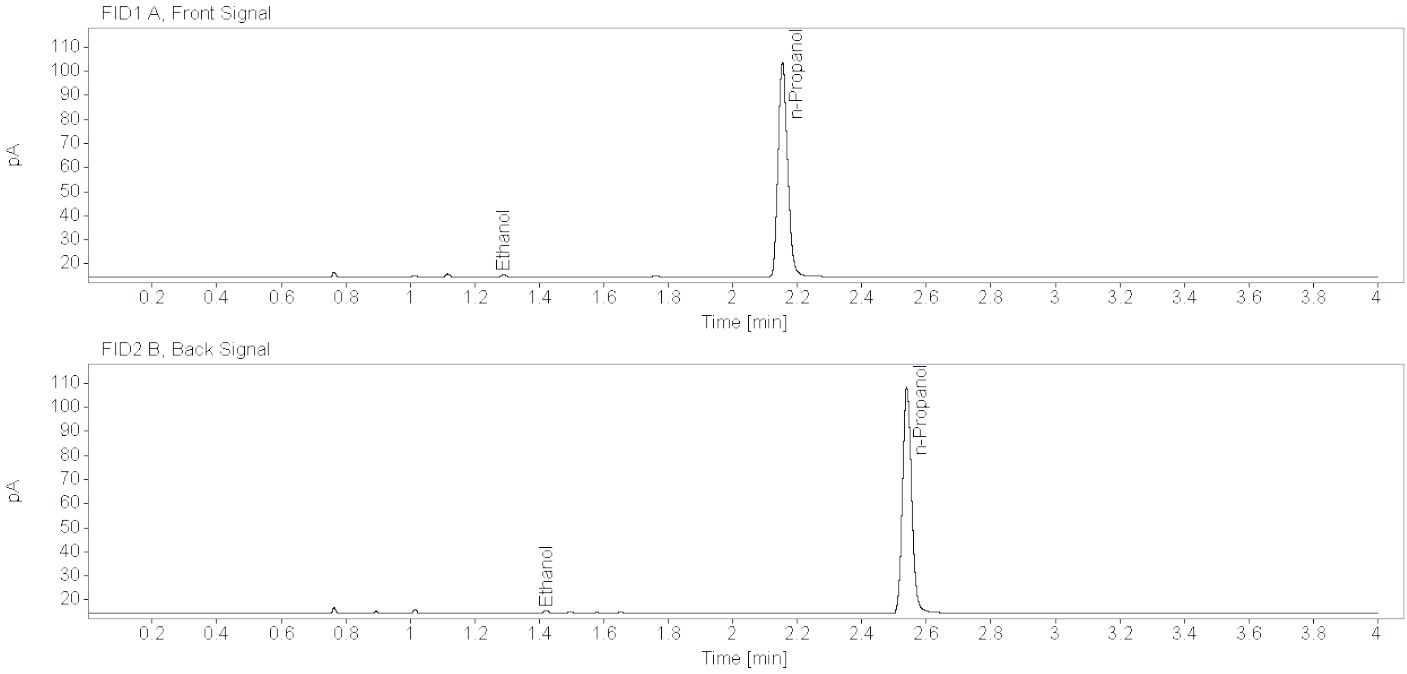
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76574	1.418	1.409	1.5422	0.0026
n-Propanol	0.87126	2.536	2.535	182.7085	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1627 001_001 (24-2141) **Description:** Alq 2 **Sample Barcode** 24-2141 **Vial Number:** 73

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:23:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\073F7301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83085	1.289	1.281	1.3730	0.0023
n-Propanol	0.81021	2.154	2.152	181.0554	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83722	1.421	1.409	1.4590	0.0025
n-Propanol	0.85216	2.540	2.535	183.3997	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1636 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1884	Aliquot 1:	0.1882
	Aliquot 2:	0.1857	Aliquot 2:	0.1872

Reported Result: **0.187** **g/100 mL**

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

Comments:

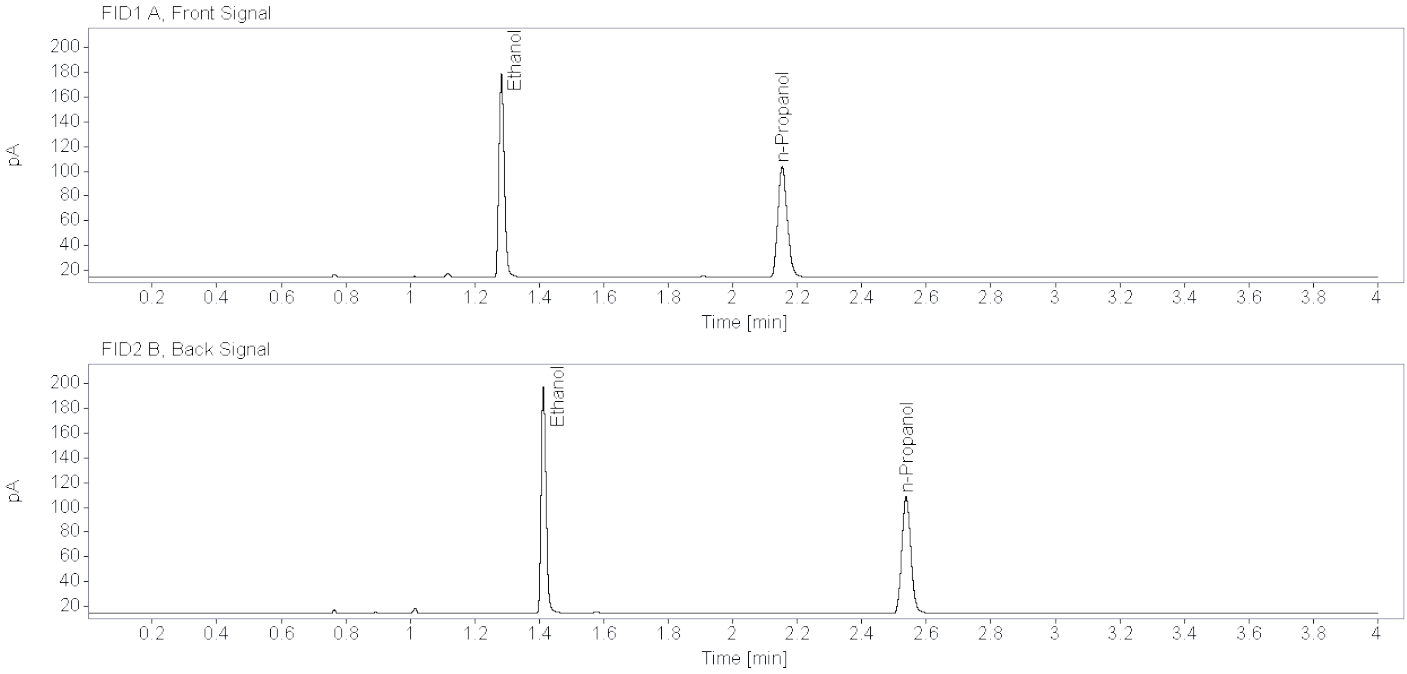
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1636 001_001 (24-2084) **Description:** Alq 1 **Sample Barcode** 24-2084 **Vial Number:** 16

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:25:46 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79556	1.283	1.281	187.6257	0.1884
n-Propanol	0.80782	2.153	2.152	180.5887	0.0100

Name FID2B

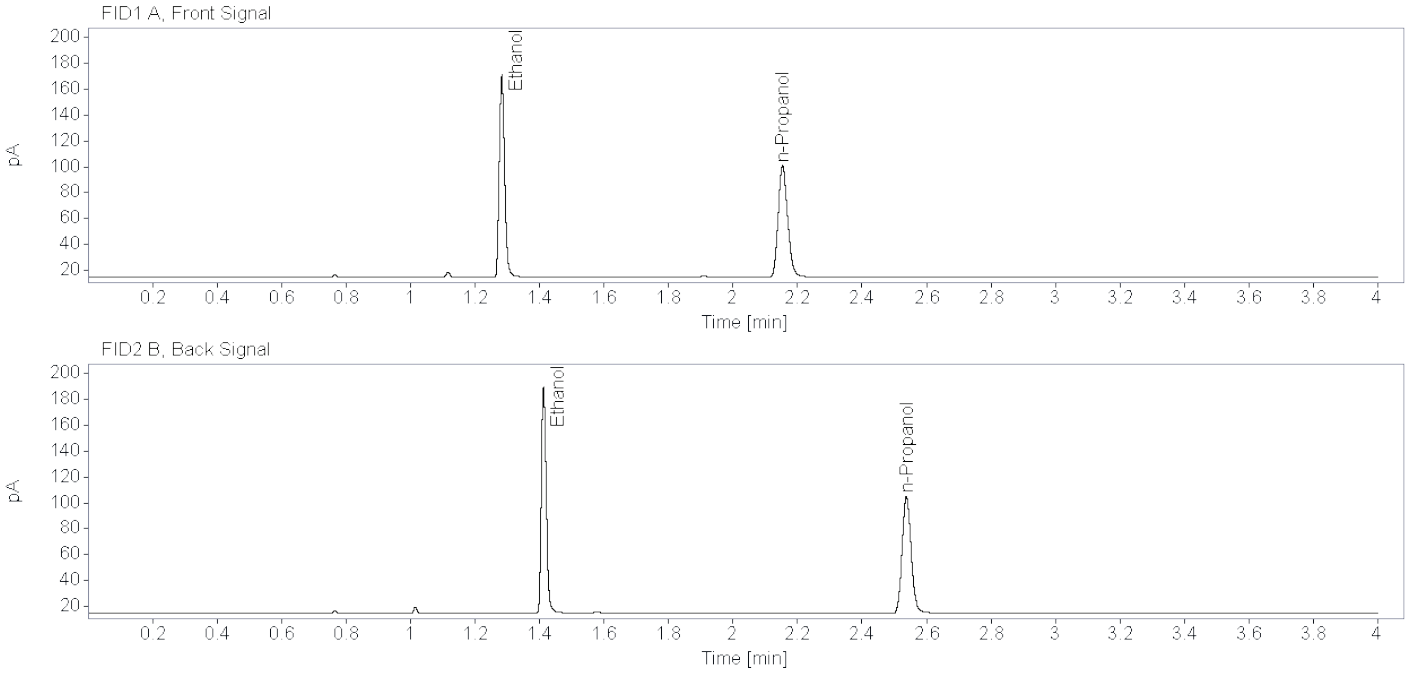
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78510	1.413	1.409	190.6152	0.1882
n-Propanol	0.87161	2.538	2.535	183.4481	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1636 001_001 (24-2140) **Description:** Alq 2 **Sample Barcode** 24-2140 **Vial Number:** 72

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:18:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77709	1.283	1.281	179.4156	0.1857
n-Propanol	0.80342	2.154	2.152	175.2311	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78167	1.413	1.409	182.6554	0.1872
n-Propanol	0.85722	2.538	2.535	176.7306	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1637 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1544	Aliquot 1:	0.1546
	Aliquot 2:	0.1483	Aliquot 2:	0.1486

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

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

Comments:

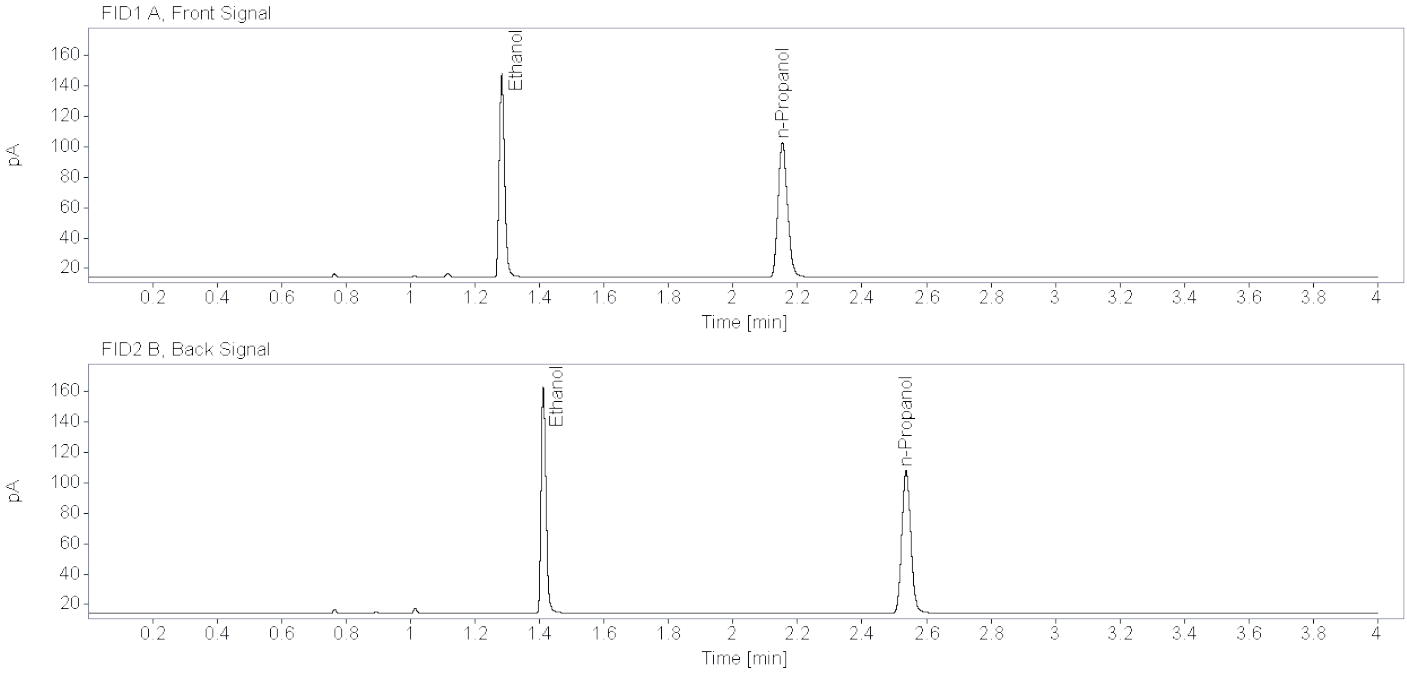
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1637 001_001 (24-2085) **Description:** Alq 1 **Sample Barcode** 24-2085 **Vial Number:** 17

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:31:26 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76982	1.283	1.281	152.3949	0.1544
n-Propanol	0.80844	2.153	2.152	179.1397	0.0100

Name FID2B

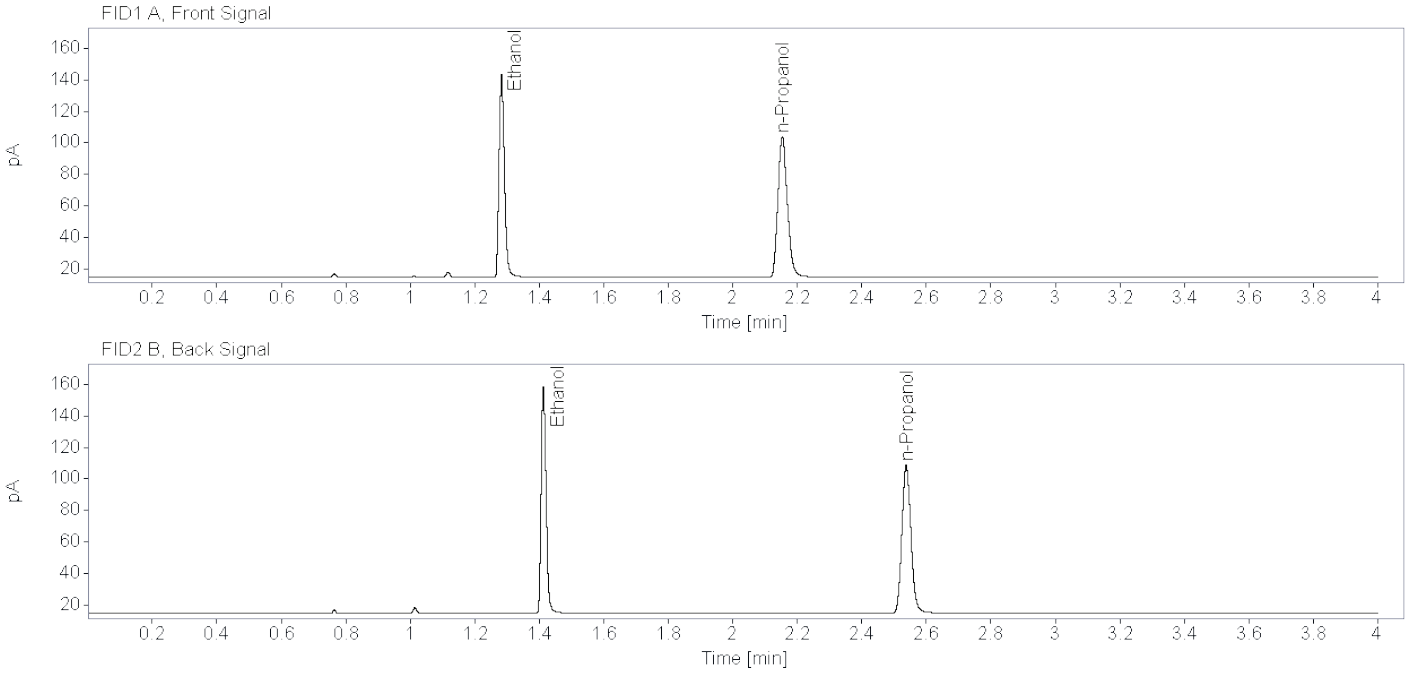
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77931	1.412	1.409	155.3079	0.1546
n-Propanol	0.86990	2.537	2.535	182.1299	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1637 001_001 (24-2139) **Description:** Alq 2 **Sample Barcode** 24-2139 **Vial Number:** 71

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:12:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\071F7101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76956	1.283	1.281	147.9454	0.1483
n-Propanol	0.79701	2.153	2.152	181.1302	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78022	1.413	1.409	150.5506	0.1486
n-Propanol	0.85509	2.538	2.535	183.6954	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1665 003_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: none detected

Reported UM: _____

Comments:

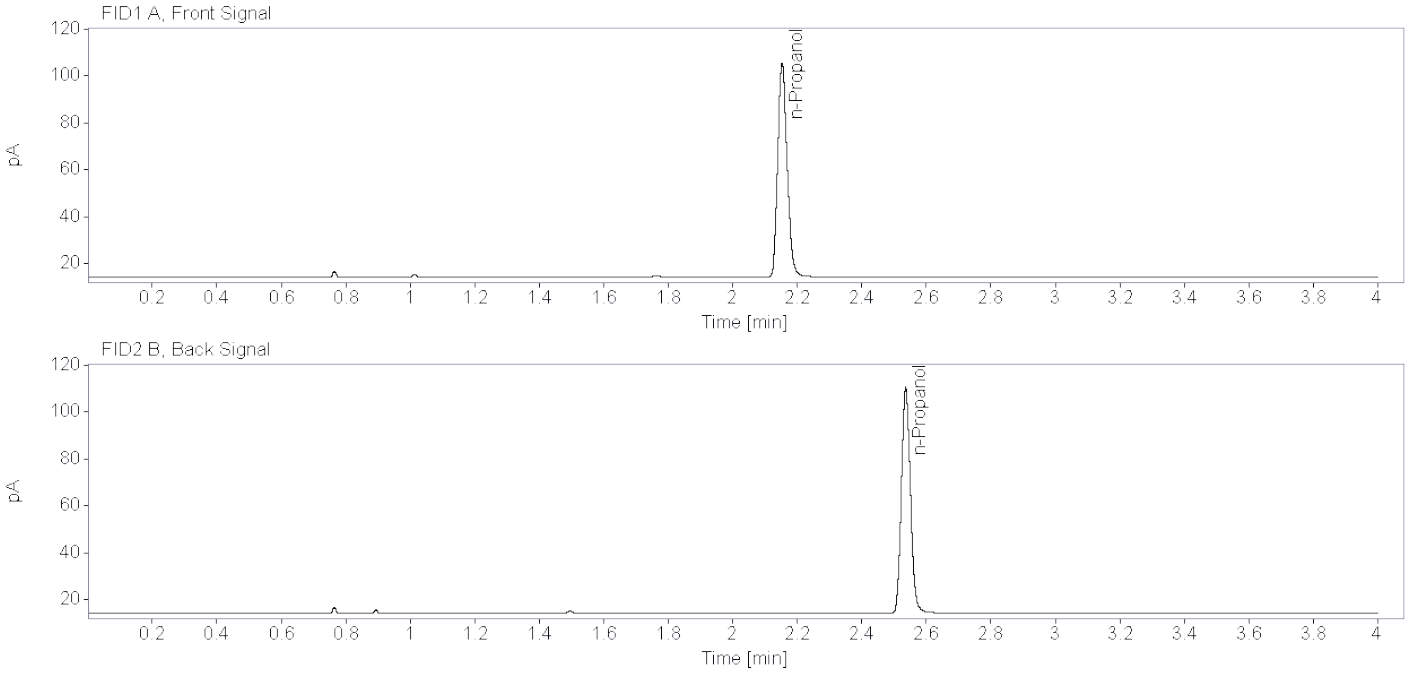
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1665 003_001 (24-2087) **Description:** Alq 1 **Sample Barcode** 24-2087 **Vial Number:** 18

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:36:09 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80234	2.153	2.152	183.8638	0.0100

Name FID2B

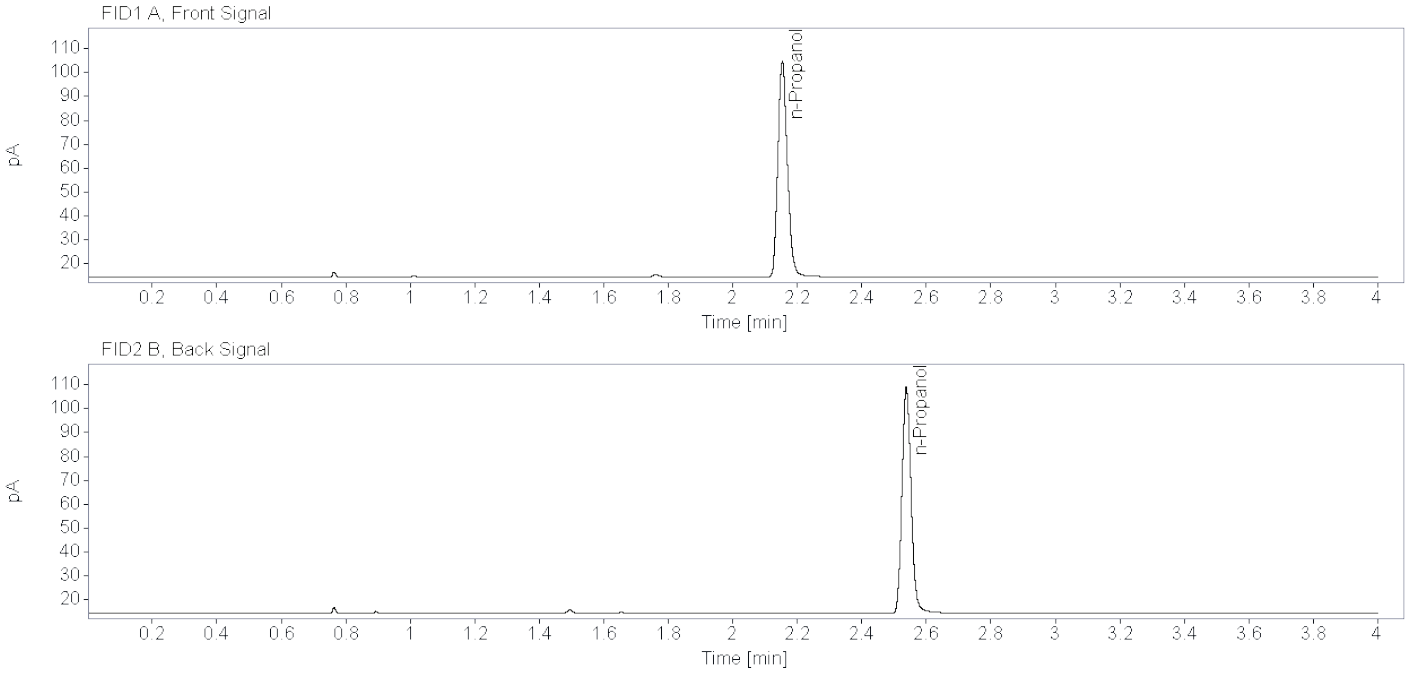
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85595	2.536	2.535	187.0879	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1665 003_001 (24-2137) **Description:** Alq 2 **Sample Barcode** 24-2137 **Vial Number:** 70

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:08:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\070F7001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80273	2.153	2.152	182.9476	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85739	2.538	2.535	184.5210	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1666 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

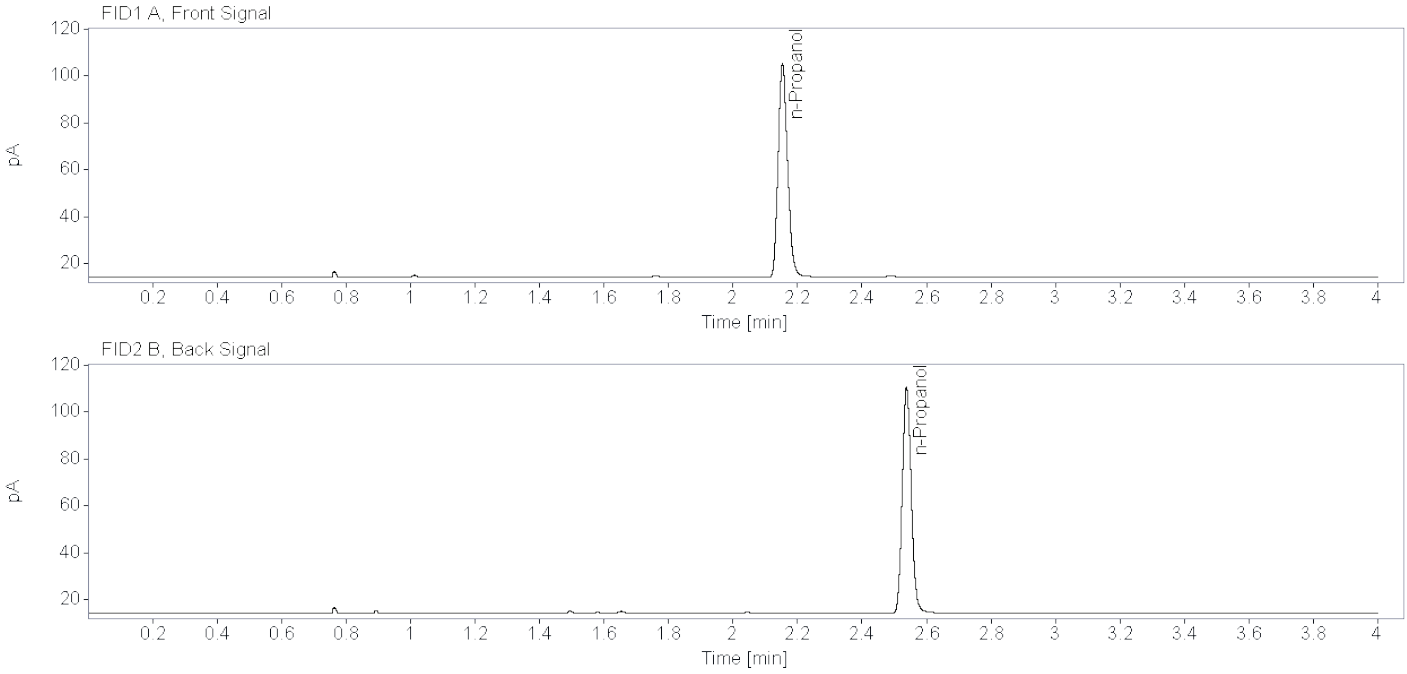
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1666 001_001 (24-2088) **Description:** Alq 1 **Sample Barcode** 24-2088 **Vial Number:** 19

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:41:50 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81423	2.153	2.152	183.5338	0.0100

Name FID2B

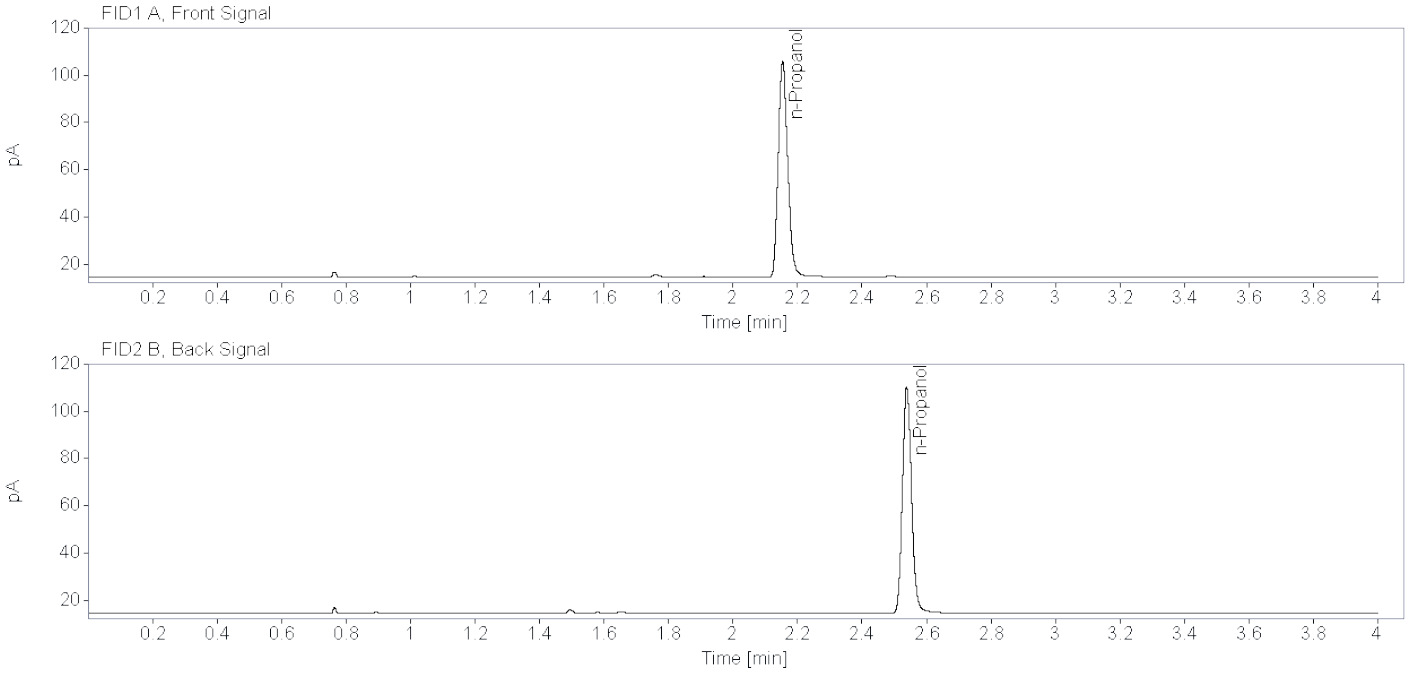
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87117	2.538	2.535	186.8602	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1666 001_001 (24-2136) **Description:** Alq 2 **Sample Barcode** 24-2136 **Vial Number:** 69

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 7:02:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\069F6901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81141	2.154	2.152	185.6159	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85178	2.539	2.535	187.2293	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1667 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1397	Aliquot 1:	0.1395
	Aliquot 2:	0.1487	Aliquot 2:	0.1495

Reported Result: ~~0.144~~ 0.145 **g/100 mL**

Reported UM: ~~0.021~~ 0.022 **g/100 mL**

8
10/~~7~~/2024 mh
10/23/2024 mh

Comments: Internal standard response for Aliquot 2 is not within 10% of the average of the calibrators. Sample will be repeated. 10/~~7~~8/2024 mh
10/23/2024 mh

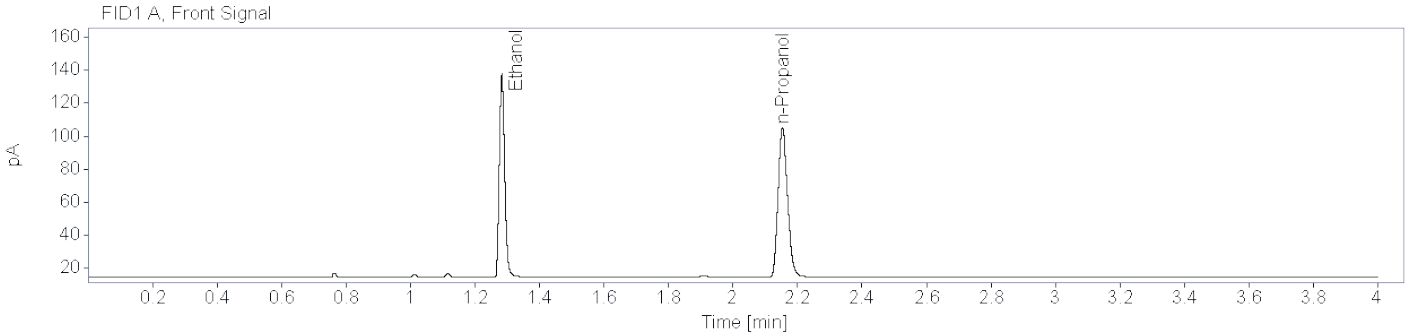
Total Number of Printed Examination Pages: 0

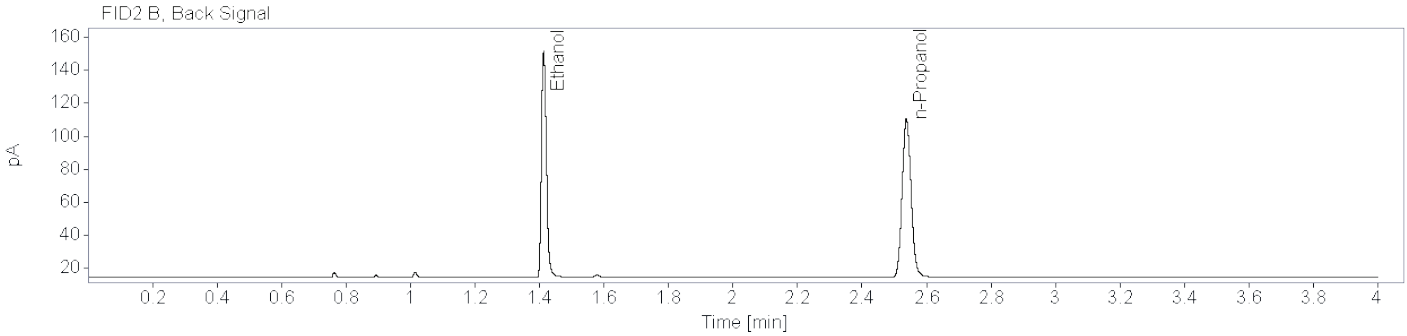
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1667 001_001 (24-2089) **Description:** Alq 1 **Sample Barcode** 24-2089 **Vial Number:** 20

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:46:33 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\020F2001.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78365	1.283	1.281	141.4823	0.1397
n-Propanol	0.81342	2.153	2.152	183.9362	0.0100

Name FID2B

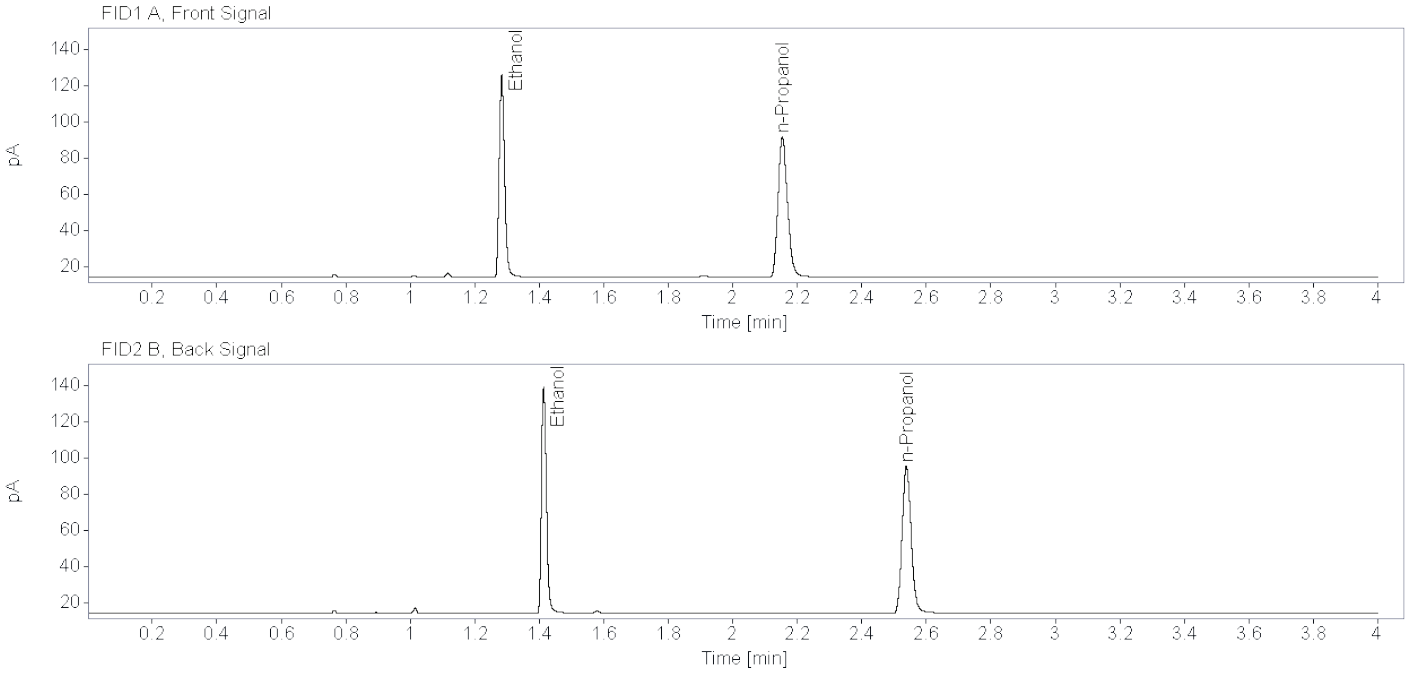
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77920	1.413	1.409	143.8960	0.1395
n-Propanol	0.88188	2.538	2.535	187.1189	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1667 001_001 (24-2135) **Description:** Alq 2 **Sample Barcode** 24-2135 **Vial Number:** 68

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:57:44 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\068F6801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76490	1.284	1.281	127.9710	0.1487
n-Propanol	0.80064	2.154	2.152	156.2999	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76789	1.414	1.409	130.1884	0.1495
n-Propanol	0.85366	2.538	2.535	157.8735	0.0100

Internal standard response is not within 10% of the average of the calibrators. Sample will be repeated.
10/~~7~~8/2024 mh
-- 10/23/2024 mh

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1668 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

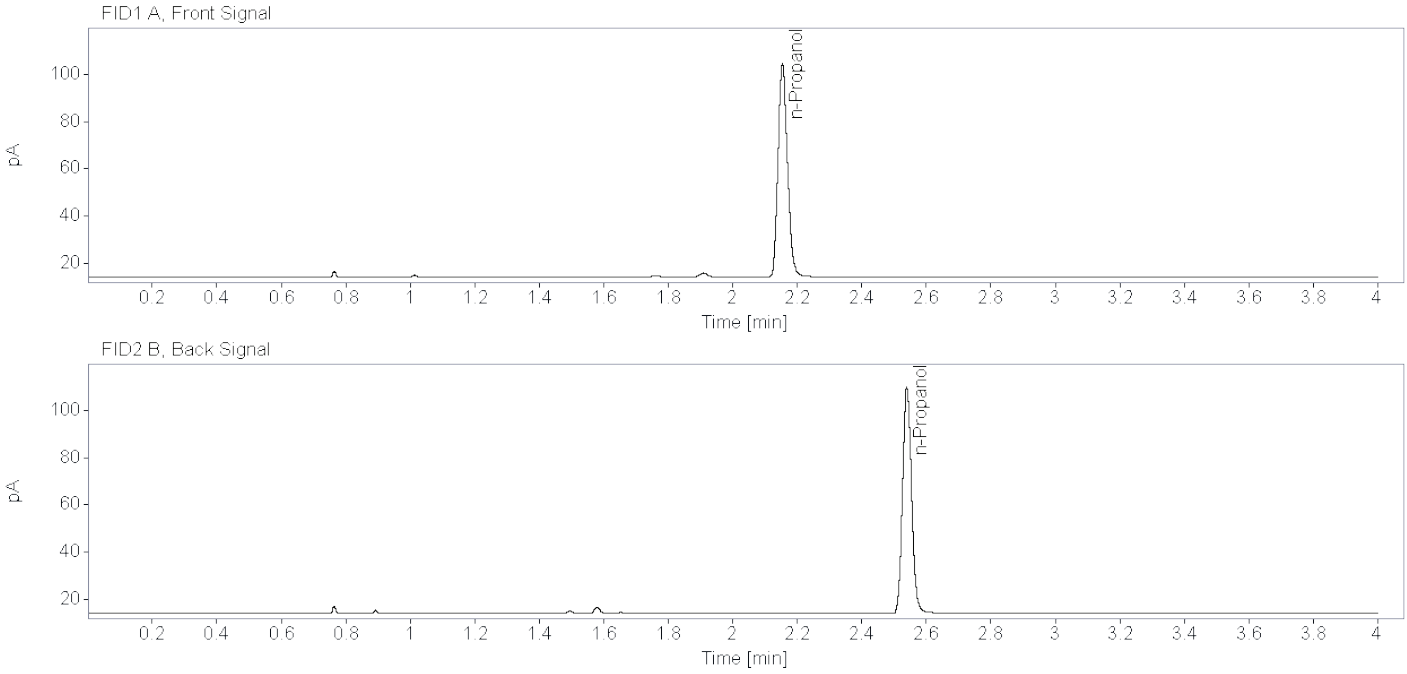
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1668 001_001 (24-2091) **Description:** Alq 1 **Sample Barcode** 24-2091 **Vial Number:** 21

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 2:52:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81516	2.154	2.152	182.3487	0.0100

Name FID2B

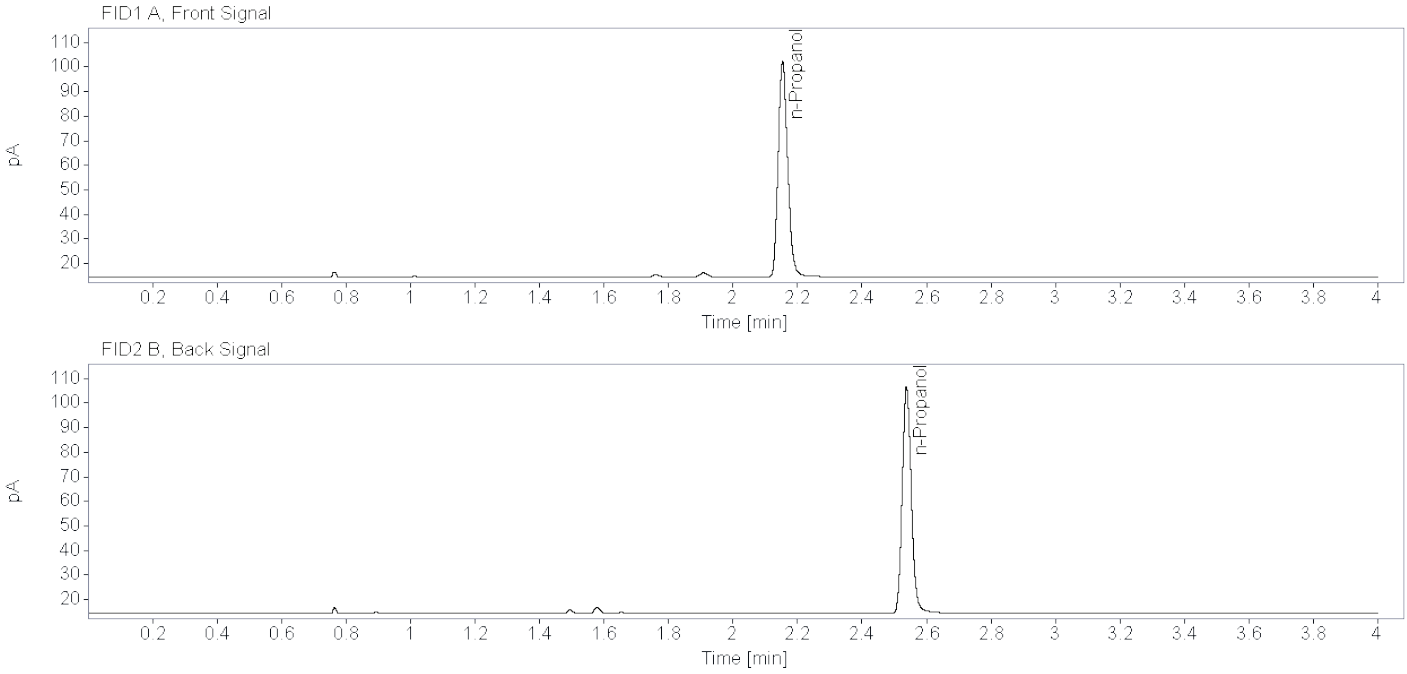
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87019	2.540	2.535	185.6716	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1668 001_001 (24-2133) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 67

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:52:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81271	2.154	2.152	177.9577	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85710	2.538	2.535	179.3708	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1669 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1252	Aliquot 1:	0.1248
	Aliquot 2:	0.1213	Aliquot 2:	0.1224

Reported Result: **0.123** **g/100 mL**

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

Comments:

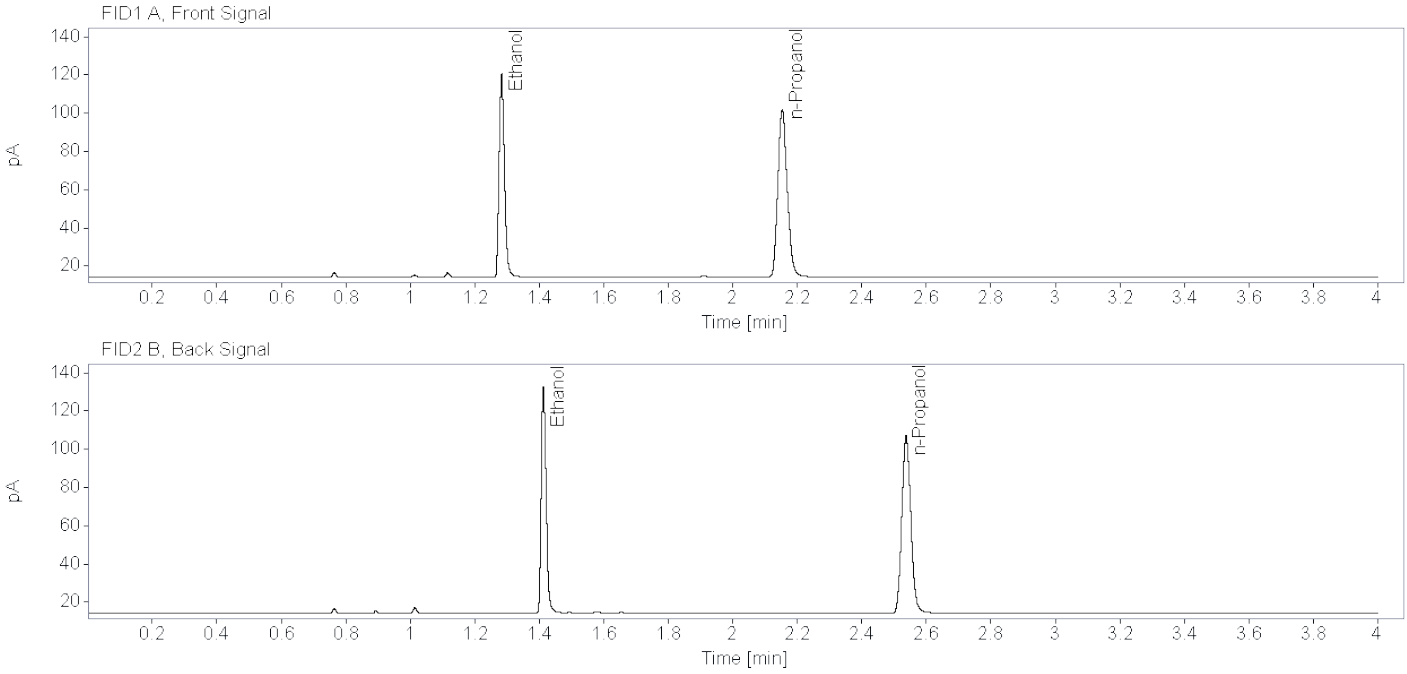
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1669 001_001 (24-2092) **Description:** Alq 1 **Sample Barcode** 24-2092 **Vial Number:** 23

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:03:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77785	1.283	1.281	121.9162	0.1252
n-Propanol	0.80885	2.153	2.152	176.9867	0.0100

Name FID2B

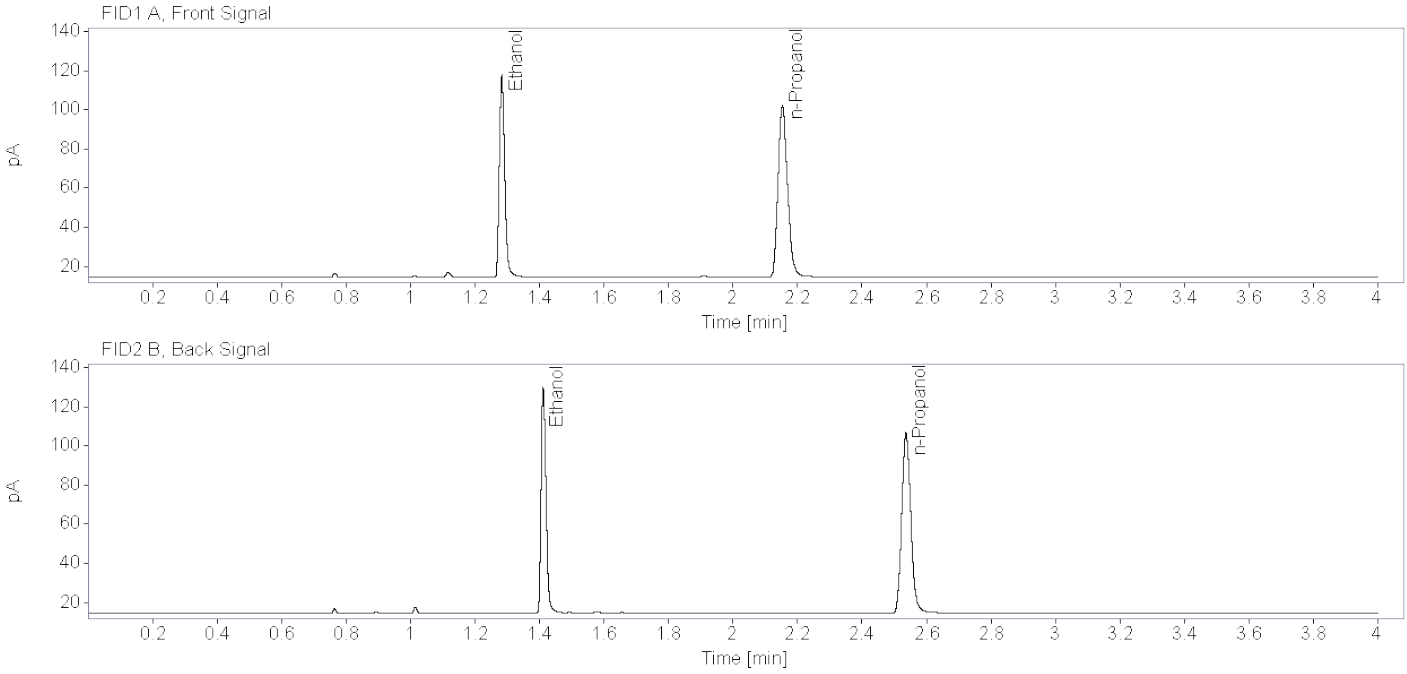
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76473	1.413	1.409	123.6768	0.1248
n-Propanol	0.86538	2.537	2.535	179.9058	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1669 001_001 (24-2132) **Description:** Alq 2 **Sample Barcode** 24-2132 **Vial Number:** 65

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:41:45 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\065F6501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75490	1.283	1.281	118.9871	0.1213
n-Propanol	0.79858	2.153	2.152	178.3052	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76066	1.412	1.409	121.3385	0.1224
n-Propanol	0.84887	2.536	2.535	180.0463	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1670 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2972	Aliquot 1:	0.2971
	Aliquot 2:	0.2969	Aliquot 2:	0.2983

Reported Result: **0.297** **g/100 mL**

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

Comments:

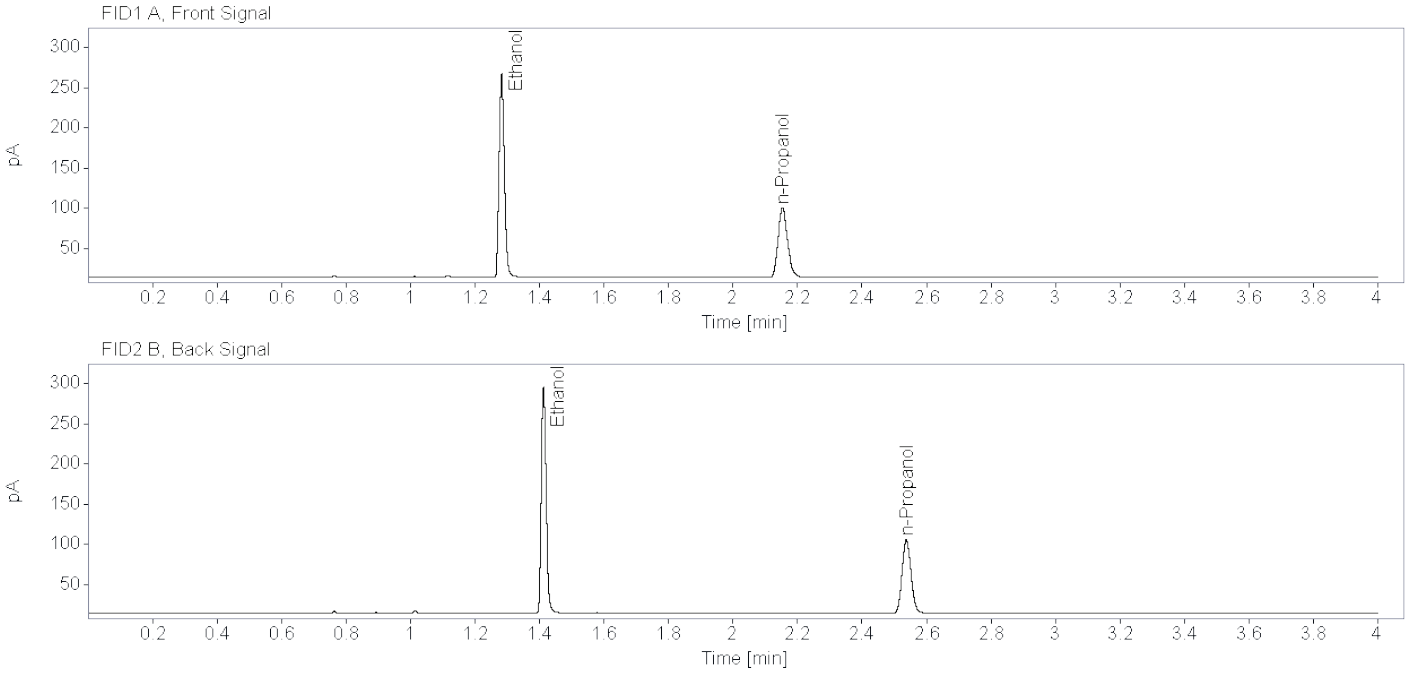
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1670 001_001 (24-2093) **Description:** Alq 1 **Sample Barcode** 24-2093 **Vial Number:** 24

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:08:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80538	1.282	1.281	287.4448	0.2972
n-Propanol	0.81057	2.153	2.152	175.0409	0.0100

Name FID2B

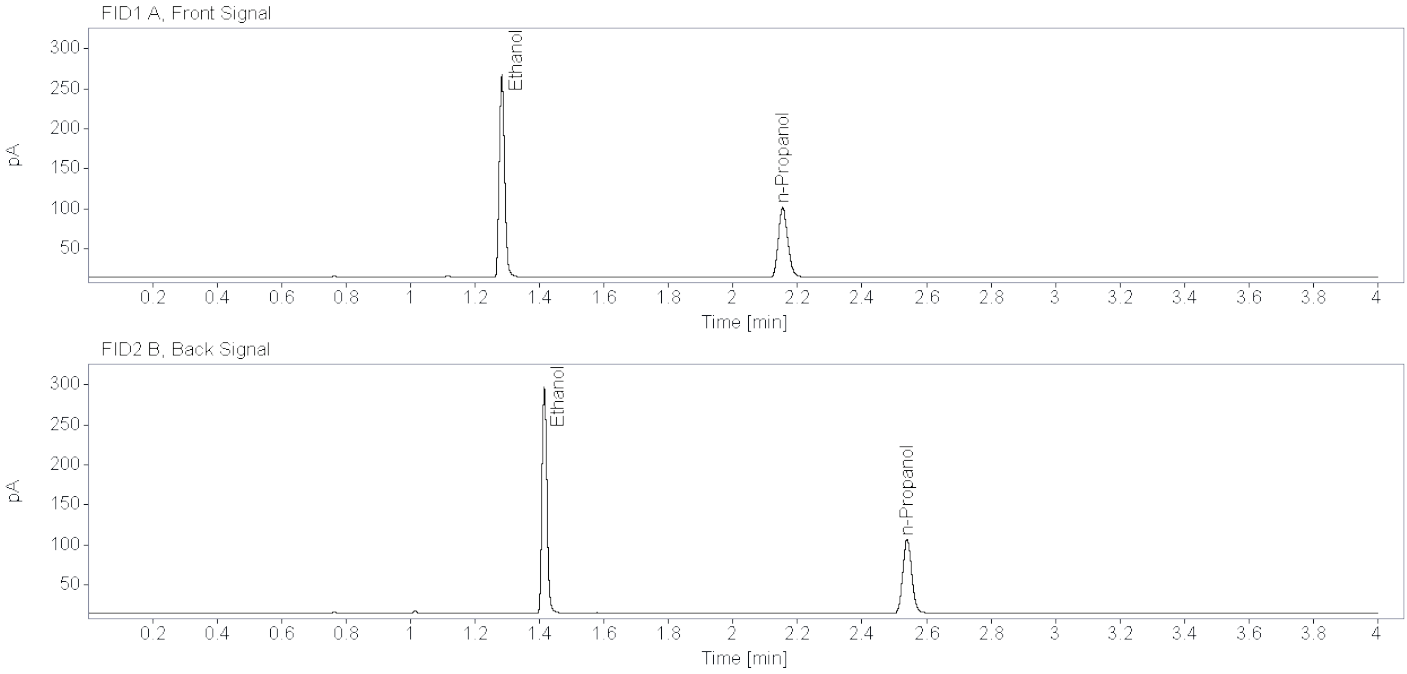
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81019	1.412	1.409	292.5885	0.2971
n-Propanol	0.86976	2.537	2.535	177.9463	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1670 001_001 (24-2131) **Description:** Alq 2 **Sample Barcode** 24-2131 **Vial Number:** 64

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:36:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81029	1.283	1.281	290.7145	0.2969
n-Propanol	0.80697	2.154	2.152	177.2139	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83118	1.415	1.409	296.1534	0.2983
n-Propanol	0.86244	2.540	2.535	179.4141	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1673 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3447	Aliquot 1:	0.3449
	Aliquot 2:	0.3441	Aliquot 2:	0.3453

Reported Result: **0.344** **g/100 mL**

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

Comments:

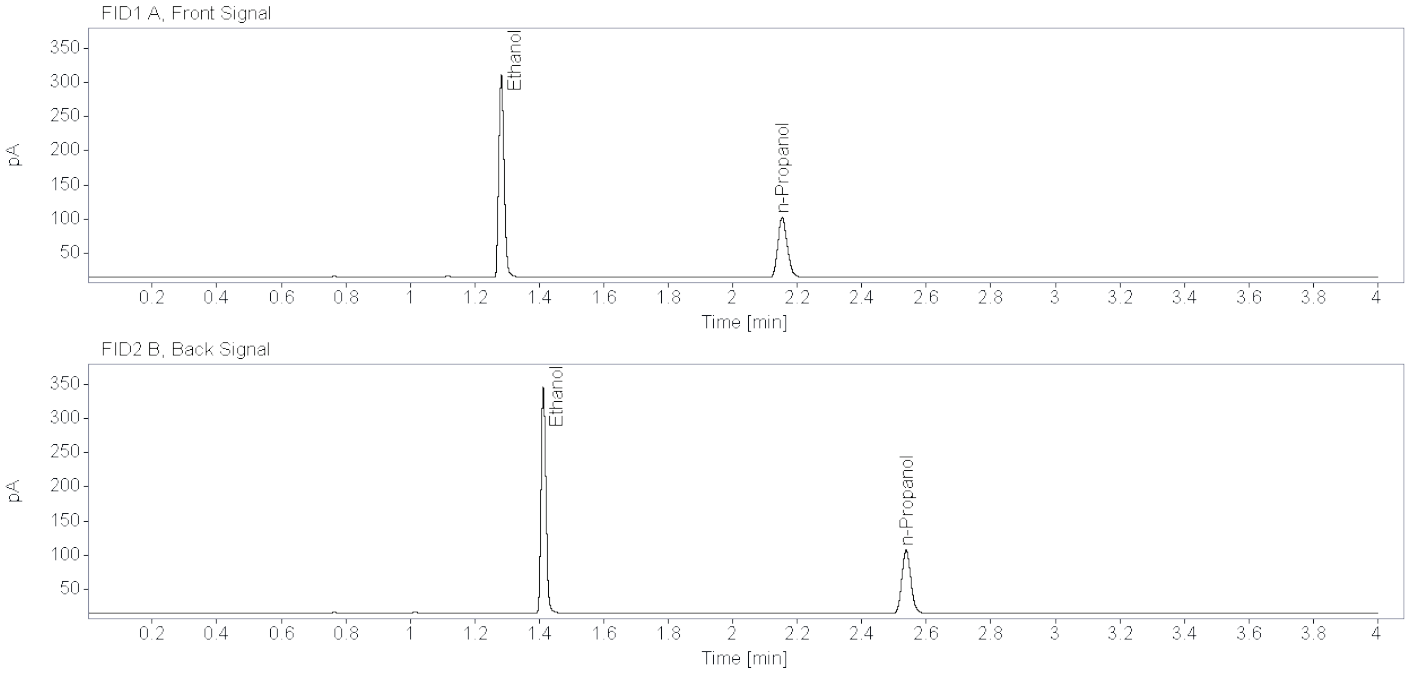
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1673 001_001 (24-2094) **Description:** Alq 1 **Sample Barcode** 24-2094 **Vial Number:** 25

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:13:44 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80624	1.282	1.281	337.7502	0.3447
n-Propanol	0.80449	2.153	2.152	177.3091	0.0100

Name FID2B

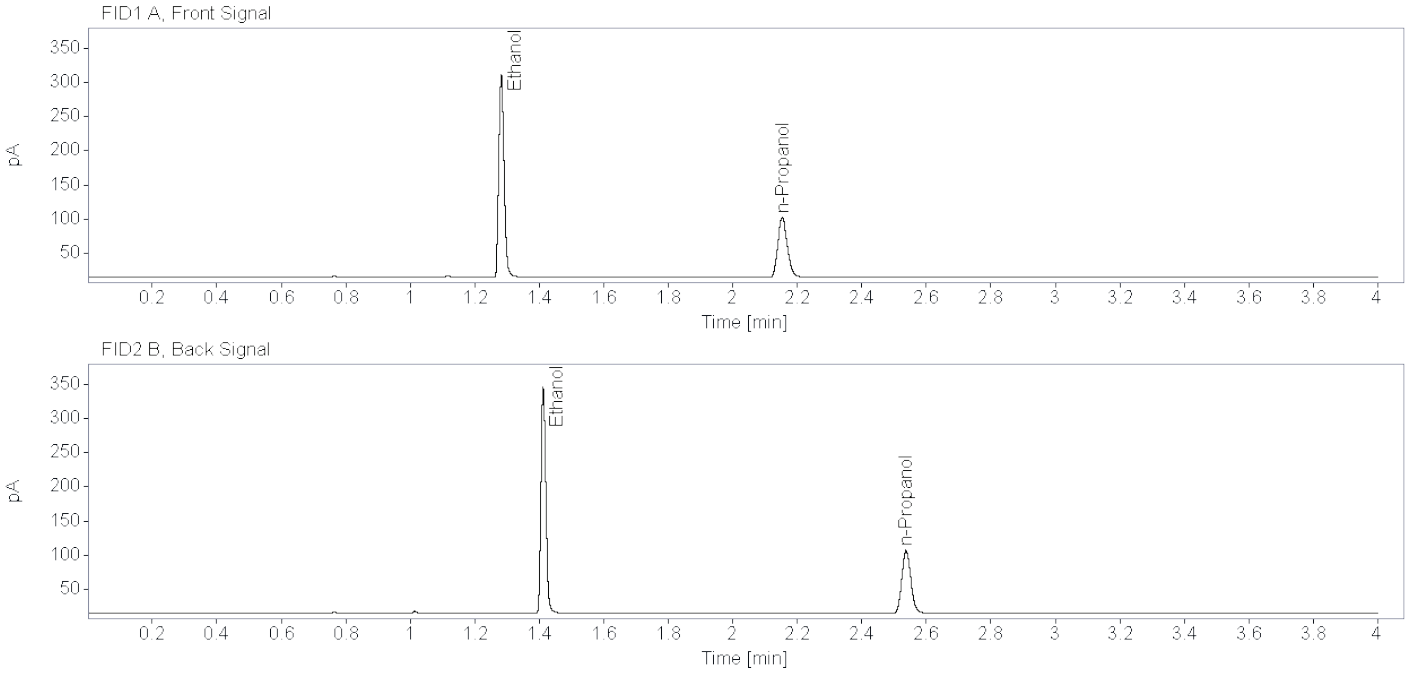
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82956	1.413	1.409	344.5384	0.3449
n-Propanol	0.86520	2.538	2.535	180.4570	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1673 001_001 (24-2130) **Description:** Alq 2 **Sample Barcode** 24-2130 **Vial Number:** 63

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:31:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79993	1.282	1.281	338.3884	0.3441
n-Propanol	0.80257	2.153	2.152	177.9459	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82764	1.412	1.409	344.7567	0.3453
n-Propanol	0.85671	2.537	2.535	180.3627	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1674 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2183	Aliquot 1:	0.2182
	Aliquot 2:	0.2184	Aliquot 2:	0.2189

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

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

Comments:

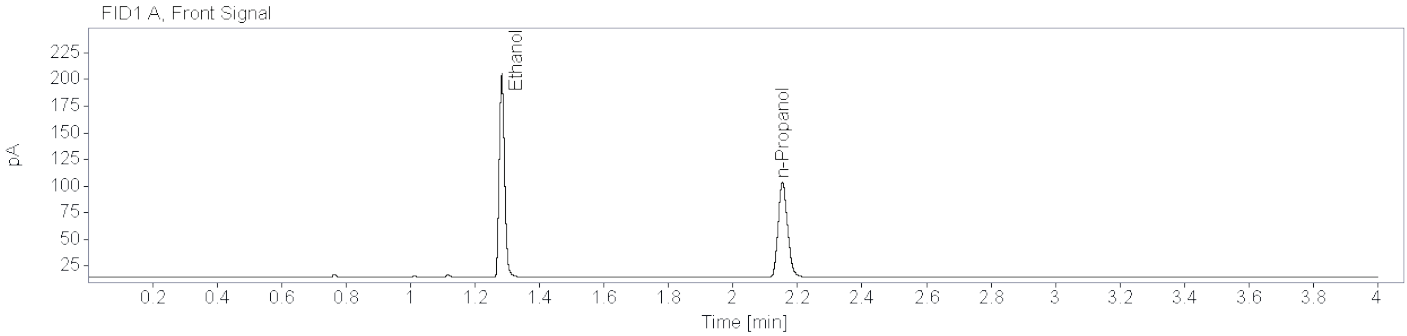
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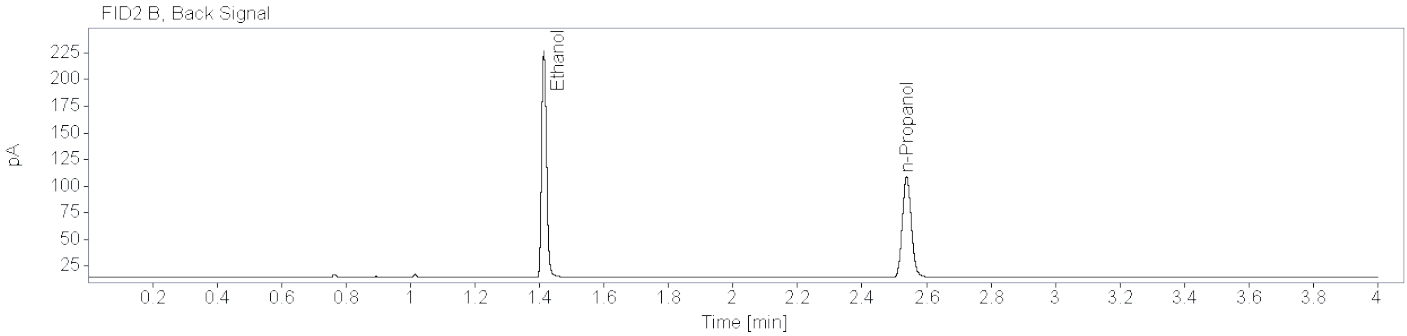
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1674 001_001 (24-2095) **Description:** Alq 1 **Sample Barcode** 24-2095 **Vial Number:** 26

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:18:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\026F2601.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79784	1.283	1.281	217.9286	0.2183
n-Propanol	0.81706	2.153	2.152	180.8599	0.0100

Name FID2B

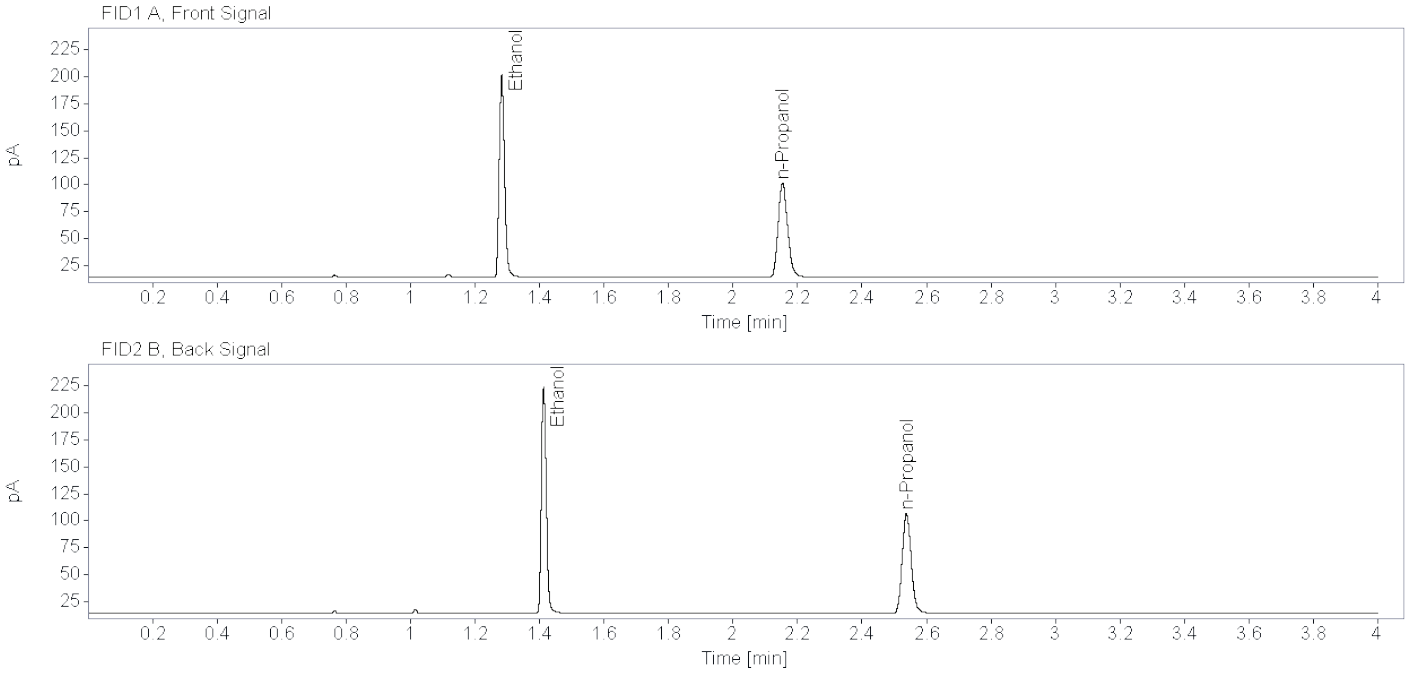
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82437	1.414	1.409	221.3192	0.2182
n-Propanol	0.86825	2.538	2.535	183.5668	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1674 001_001 (24-2129) **Description:** Alq 2 **Sample Barcode** 24-2129 **Vial Number:** 62

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:26:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78366	1.283	1.281	213.6788	0.2184
n-Propanol	0.80862	2.154	2.152	177.3252	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80803	1.413	1.409	217.6105	0.2189
n-Propanol	0.86880	2.538	2.535	179.8443	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1675 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1461	Aliquot 1:	0.1457
	Aliquot 2:	0.1397	Aliquot 2:	0.1403

Reported Result: **0.142** **g/100 mL**

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

Comments:

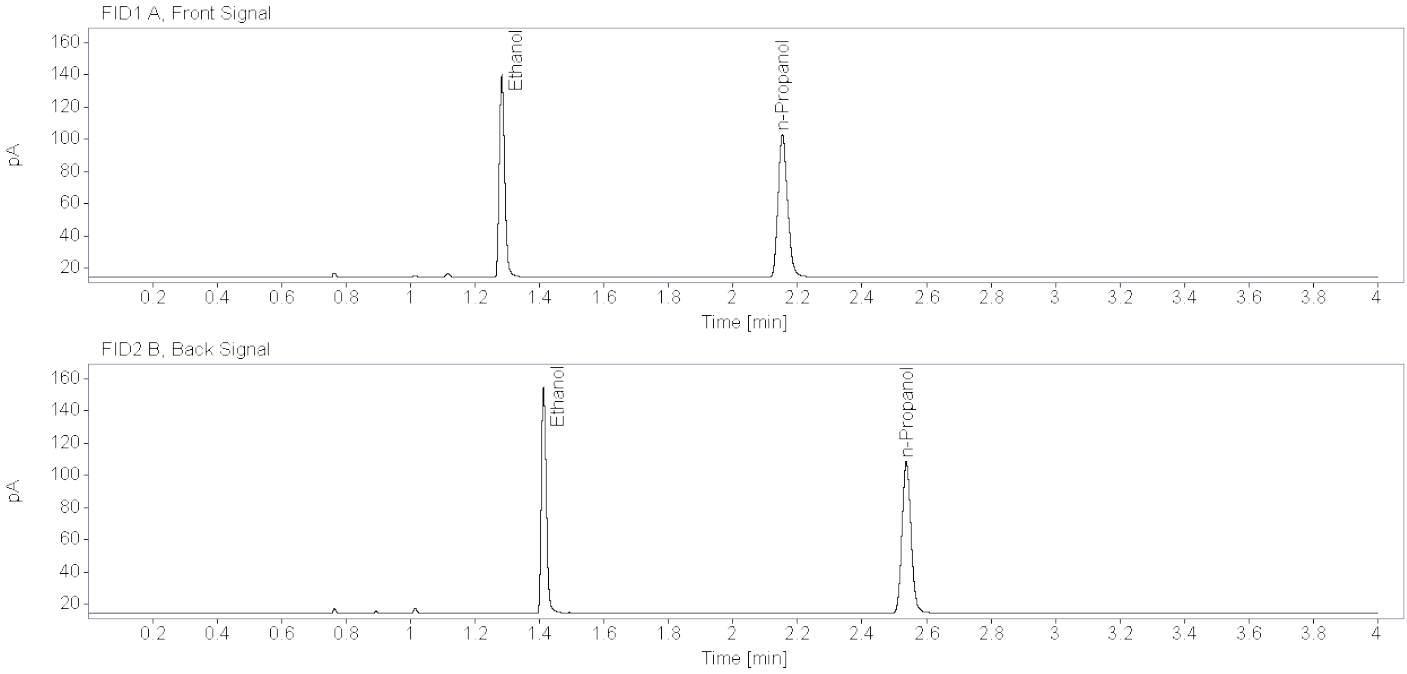
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1675 001_001 (24-2096) **Description:** Alq 1 **Sample Barcode** 24-2096 **Vial Number:** 27

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:24:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77136	1.283	1.281	144.4003	0.1461
n-Propanol	0.80522	2.153	2.152	179.4878	0.0100

Name FID2B

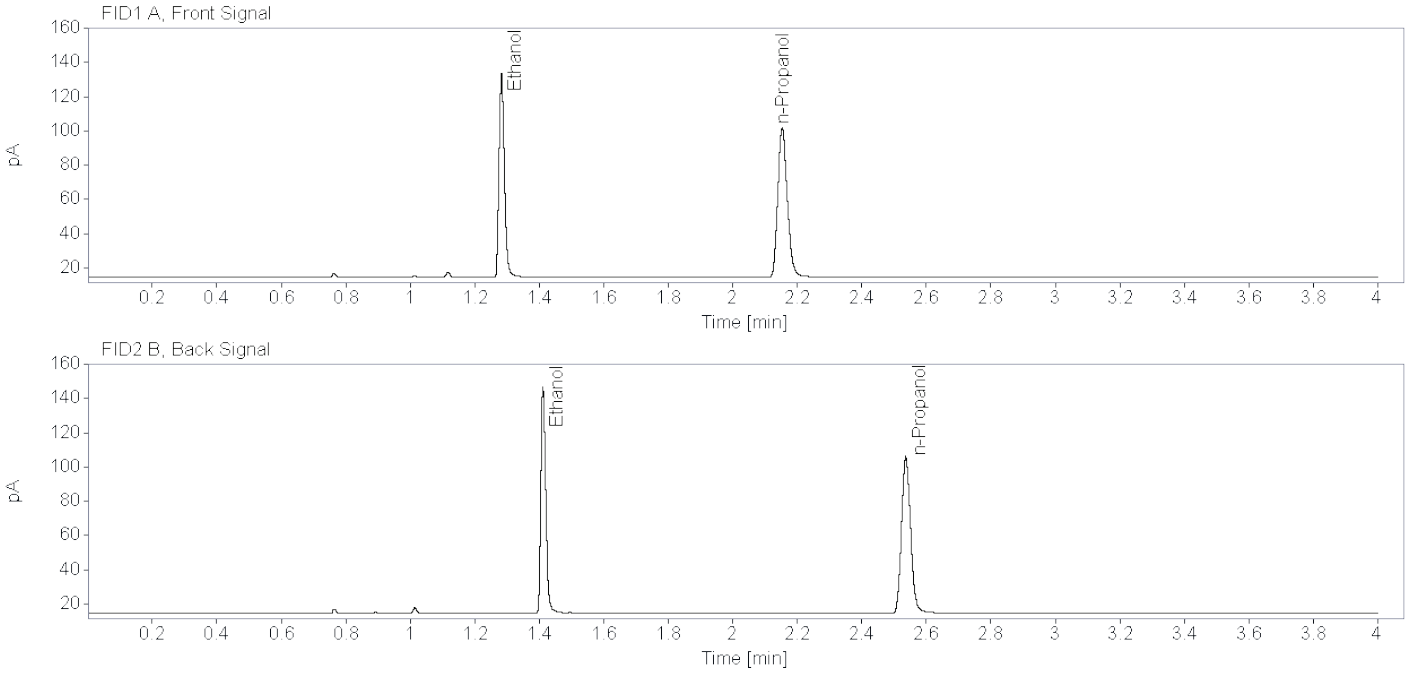
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77022	1.413	1.409	146.4605	0.1457
n-Propanol	0.87251	2.537	2.535	182.3748	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1675 001_001 (24-2128) **Description:** Alq 2 **Sample Barcode** 24-2128 **Vial Number:** 61

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:20:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76463	1.283	1.281	136.3074	0.1397
n-Propanol	0.79383	2.153	2.152	177.1653	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76389	1.412	1.409	138.2469	0.1403
n-Propanol	0.84369	2.537	2.535	178.7638	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1676 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2557	Aliquot 1:	0.2555
	Aliquot 2:	0.2468	Aliquot 2:	0.2484

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

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

Comments:

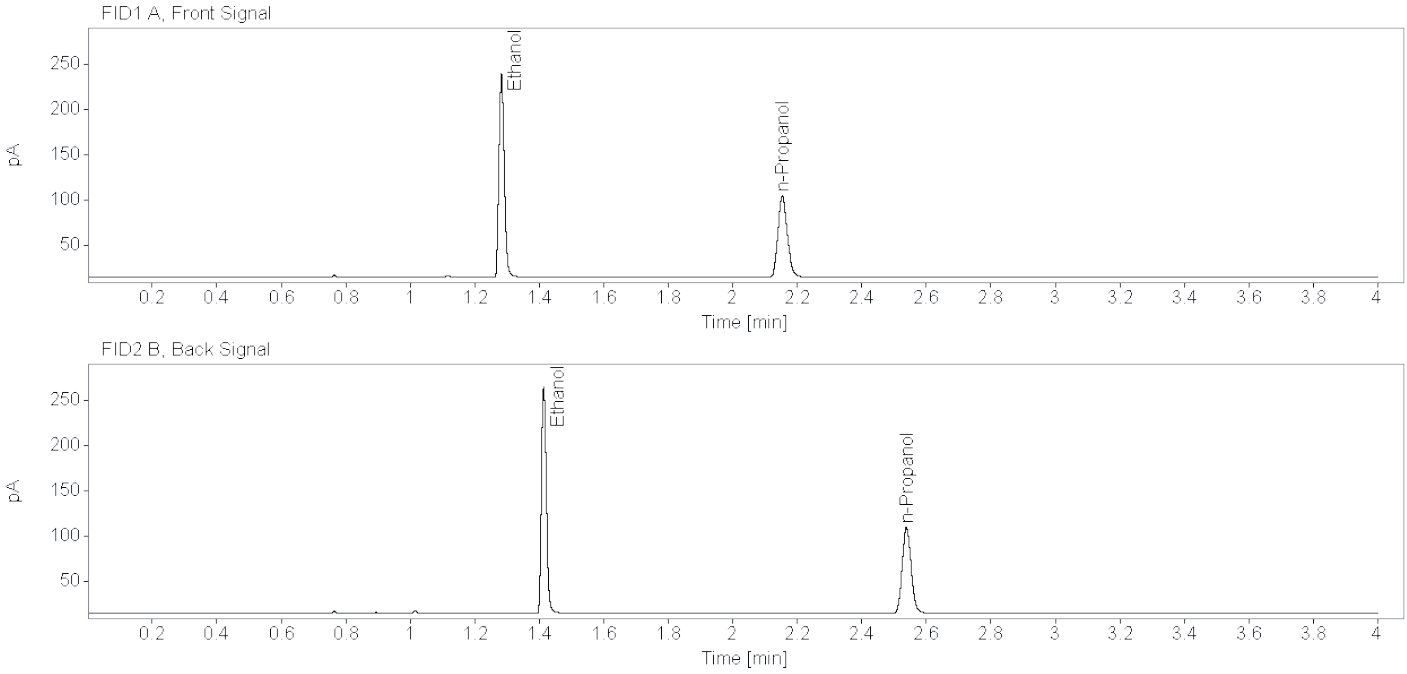
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1676 001_001 (24-2097) **Description:** Alq 1 **Sample Barcode** 24-2097 **Vial Number:** 28

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:29:01 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80853	1.283	1.281	257.1874	0.2557
n-Propanol	0.81526	2.154	2.152	182.1752	0.0100

Name FID2B

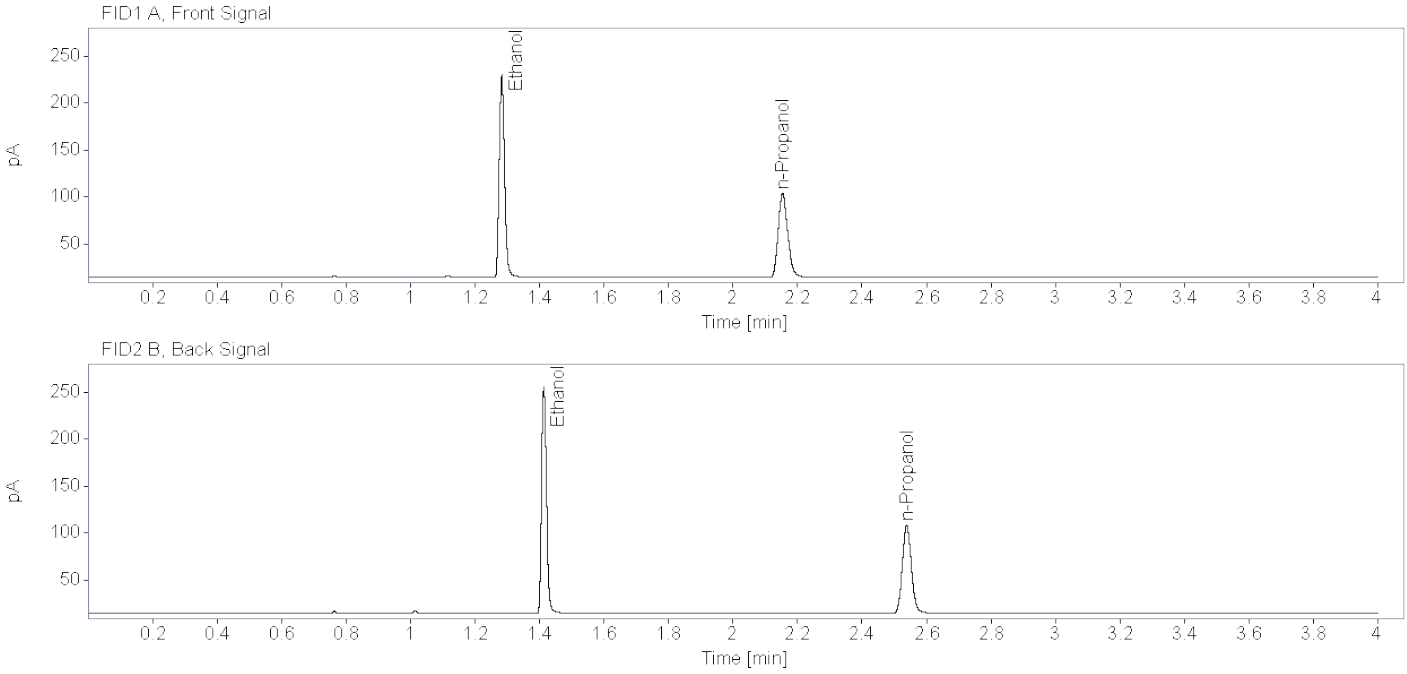
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82064	1.414	1.409	261.5262	0.2555
n-Propanol	0.87582	2.539	2.535	185.1113	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1676 001_001 (24-2127) **Description:** Alq 2 **Sample Barcode** 24-2127 **Vial Number:** 60

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:16:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79057	1.283	1.281	247.1192	0.2468
n-Propanol	0.80547	2.154	2.152	181.3493	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81751	1.413	1.409	251.3370	0.2484
n-Propanol	0.86000	2.538	2.535	182.9413	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1680 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2469	Aliquot 1:	0.2464
	Aliquot 2:	0.2450	Aliquot 2:	0.2457

Reported Result: **0.246** **g/100 mL**

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

Comments:

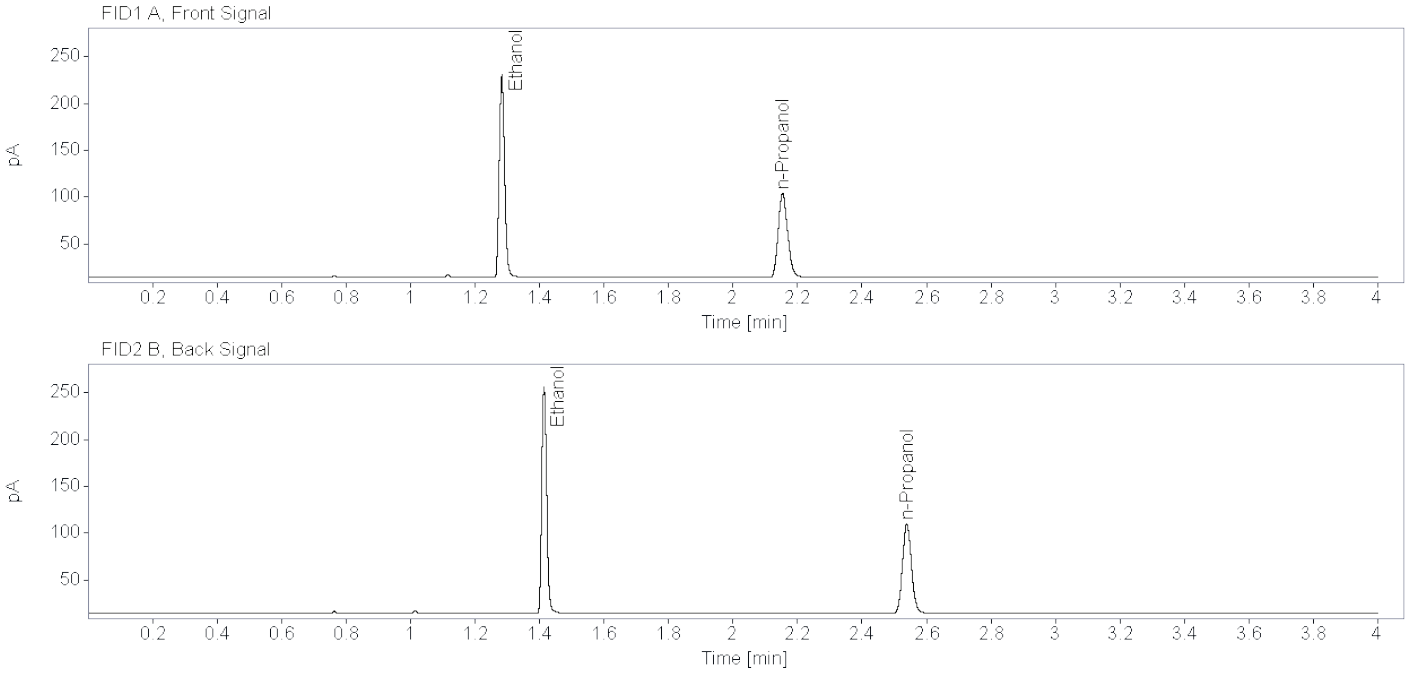
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1680 001_001 (24-2098) **Description:** Alq 1 **Sample Barcode** 24-2098 **Vial Number:** 29

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:34:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80636	1.283	1.281	248.0190	0.2469
n-Propanol	0.81489	2.154	2.152	181.9551	0.0100

Name FID2B

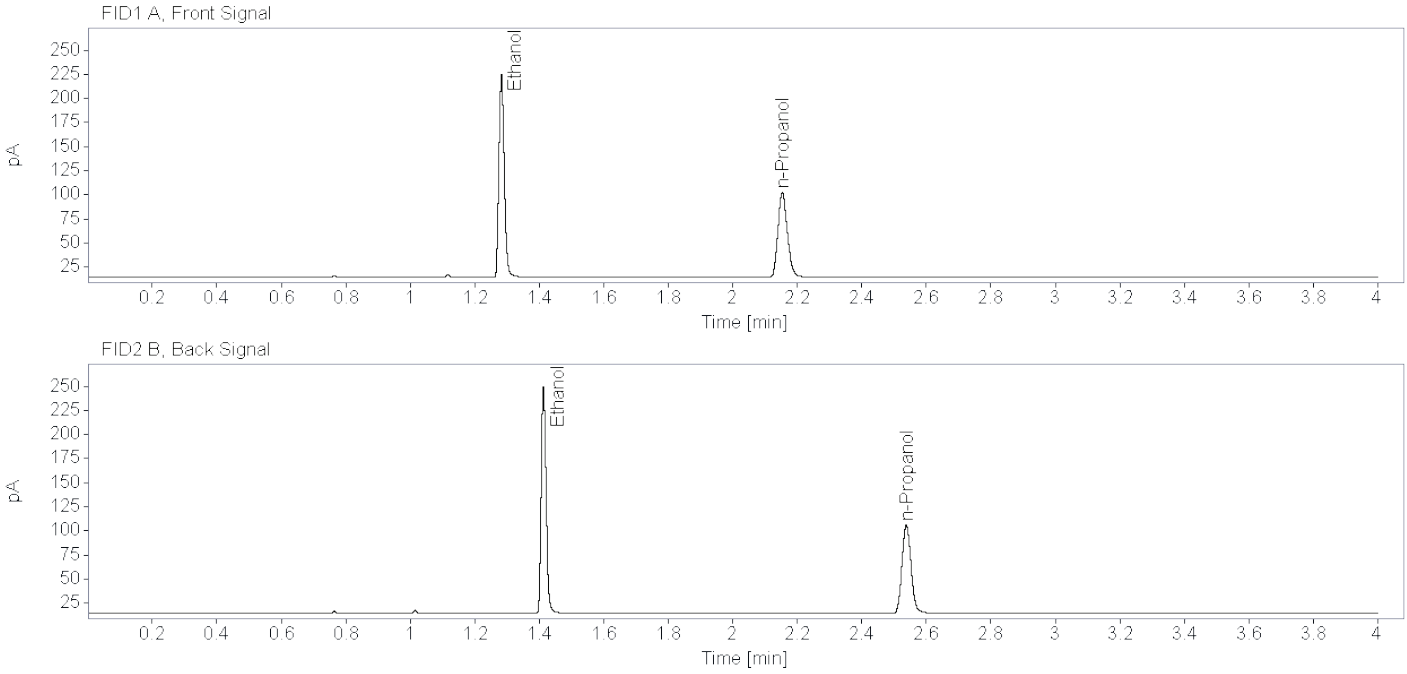
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81718	1.414	1.409	252.3761	0.2464
n-Propanol	0.86330	2.539	2.535	185.1908	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1680 001_001 (24-2126) **Description:** Alq 2 **Sample Barcode** 24-2126 **Vial Number:** 59

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:10:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79793	1.283	1.281	240.3902	0.2450
n-Propanol	0.79829	2.154	2.152	177.7448	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80356	1.413	1.409	244.8935	0.2457
n-Propanol	0.86193	2.538	2.535	180.2867	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1682 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1414	Aliquot 1:	0.1412
	Aliquot 2:	0.1311	Aliquot 2:	0.1312

Reported Result: **0.136** **g/100 mL**

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

Comments:

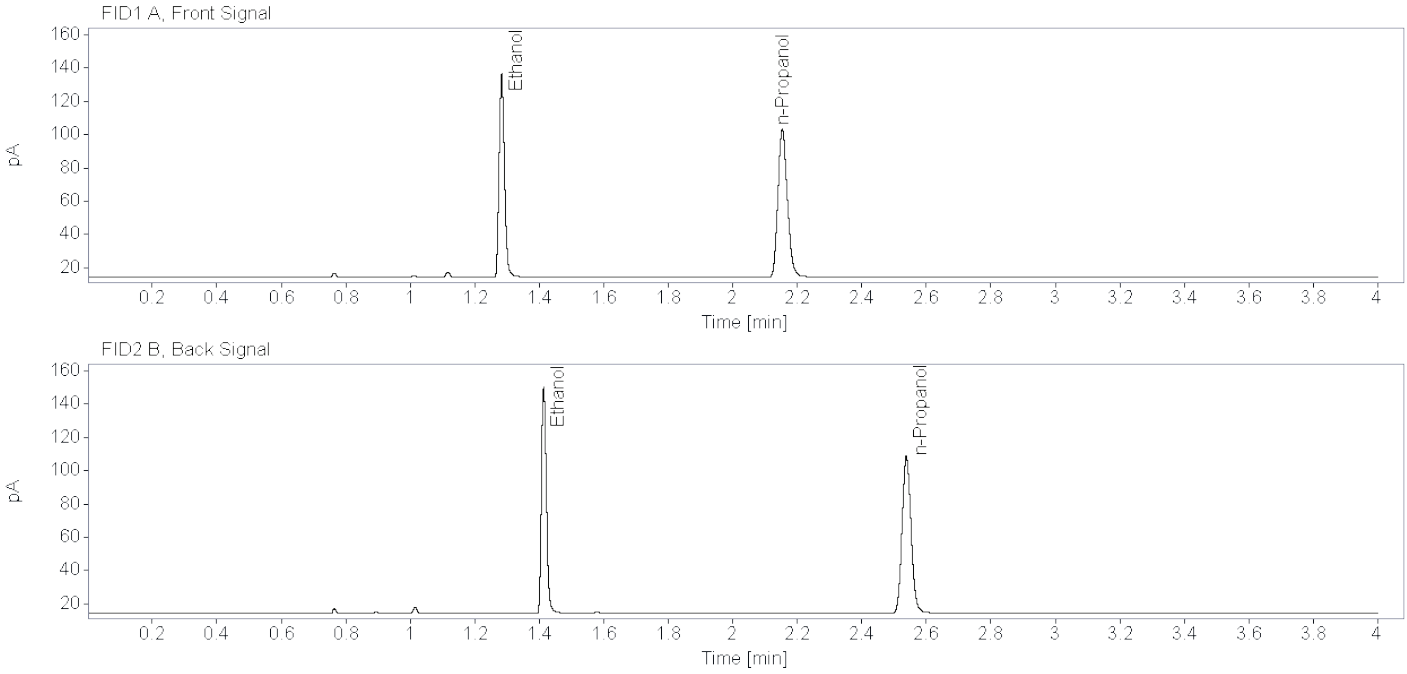
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1682 001_001 (24-2099) **Description:** Alq 1 **Sample Barcode** 24-2099 **Vial Number:** 30

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:39:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79378	1.283	1.281	140.2919	0.1414
n-Propanol	0.80821	2.154	2.152	180.1561	0.0100

Name FID2B

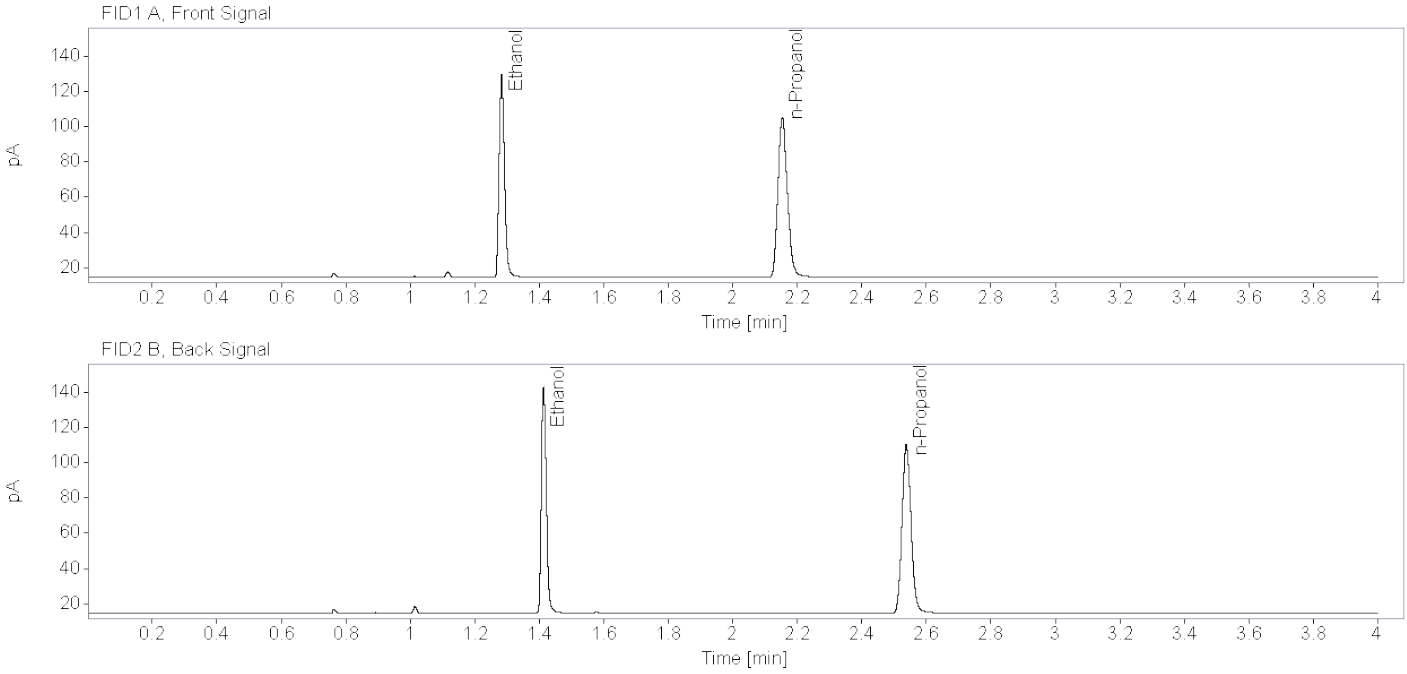
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78780	1.414	1.409	142.4072	0.1412
n-Propanol	0.87367	2.538	2.535	182.9465	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1682 001_001 (24-2125) **Description:** Alq 2 **Sample Barcode** 24-2125 **Vial Number:** 58

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:05:44 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78633	1.283	1.281	132.9528	0.1311
n-Propanol	0.79959	2.154	2.152	184.3220	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77720	1.414	1.409	135.0415	0.1312
n-Propanol	0.86305	2.538	2.535	186.8903	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1686 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2093	Aliquot 1:	0.2091
	Aliquot 2:	0.1995	Aliquot 2:	0.2003

Reported Result: 0.204 g/100 mL

Reported UM: 0.029 g/100 mL

Comments:

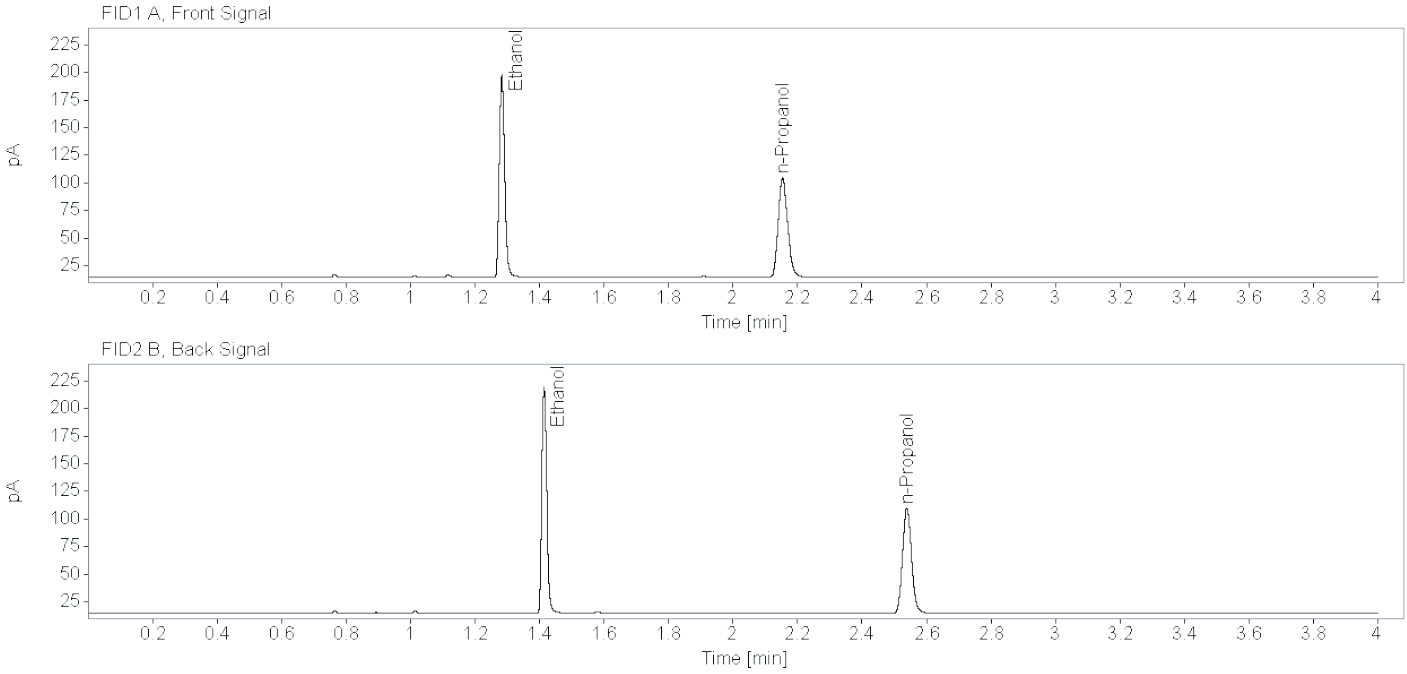
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1686 001_001 (24-2100) **Description:** Alq 1 **Sample Barcode** 24-2100 **Vial Number:** 31

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:44:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80140	1.283	1.281	210.7771	0.2093
n-Propanol	0.81538	2.154	2.152	182.4951	0.0100

Name FID2B

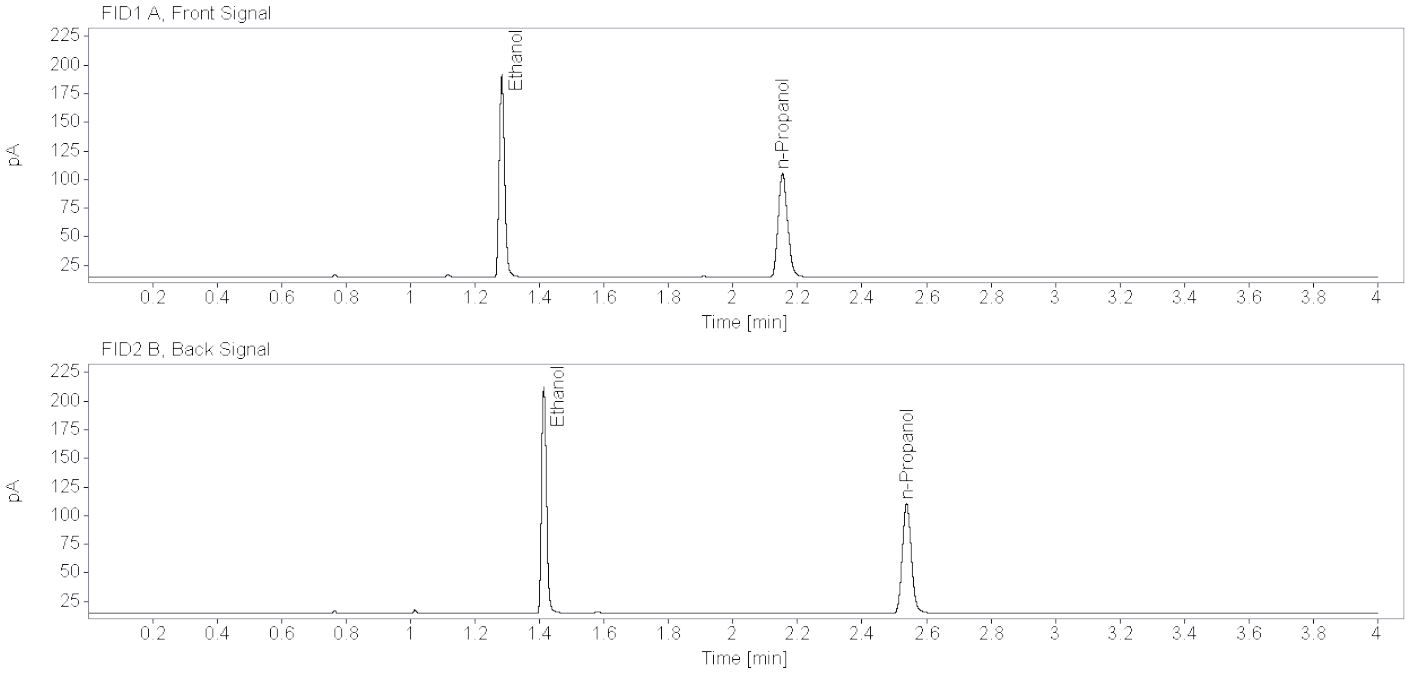
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81342	1.414	1.409	214.5659	0.2091
n-Propanol	0.86538	2.539	2.535	185.6853	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1686 001_001 (24-2124) **Description:** Alq 2 **Sample Barcode** 24-2124 **Vial Number:** 57

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 6:00:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79179	1.283	1.281	202.8333	0.1995
n-Propanol	0.80722	2.154	2.152	184.2893	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81873	1.413	1.409	206.4601	0.2003
n-Propanol	0.86573	2.538	2.535	186.5692	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1687 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

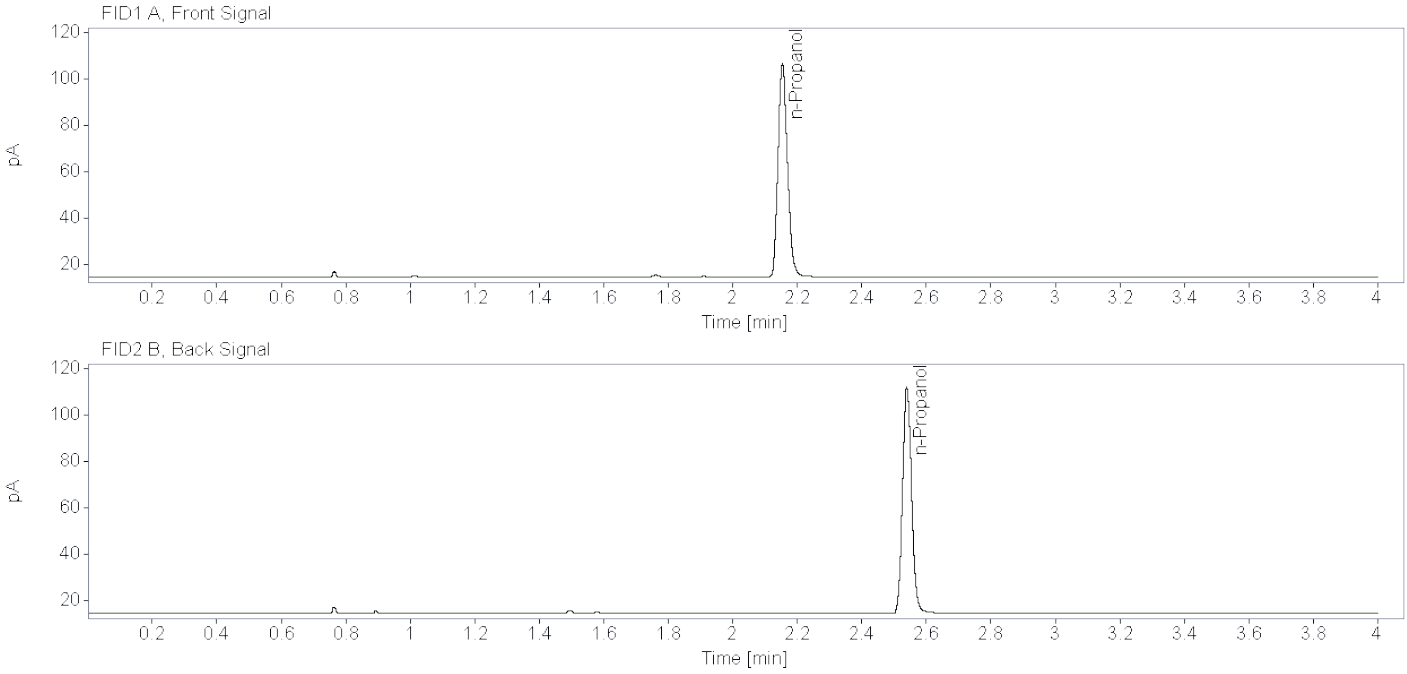
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1687 001_001 (24-2102) **Description:** Alq 1 **Sample Barcode** 24-2102 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 3:49:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81511	2.154	2.152	187.2745	0.0100

Name FID2B

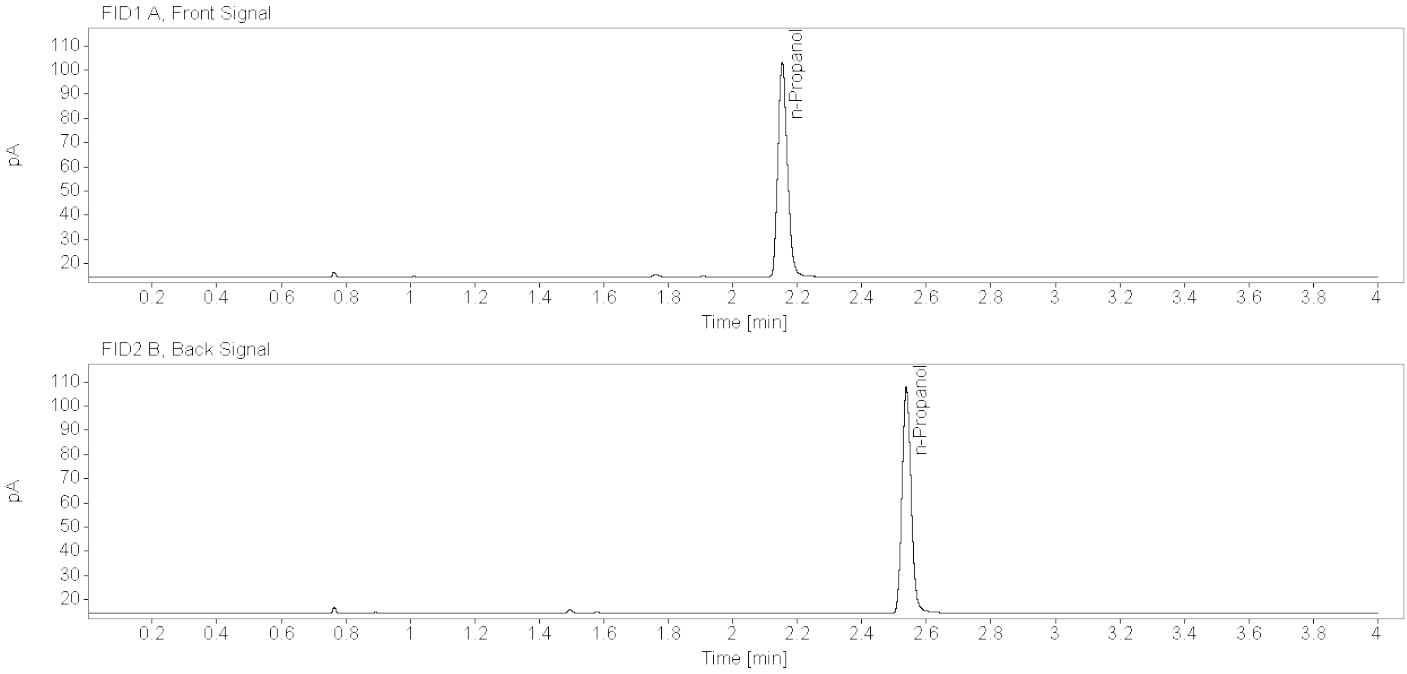
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86520	2.540	2.535	190.4687	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1687 001_001 (24-2122) **Description:** Alq 2 **Sample Barcode** 24-2122 **Vial Number:** 56

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:55:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80106	2.154	2.152	180.0090	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86173	2.538	2.535	182.0880	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1692 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2465	Aliquot 1:	0.2469
	Aliquot 2:	0.2458	Aliquot 2:	0.2470

Reported Result: **0.246** **g/100 mL**

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

Comments:

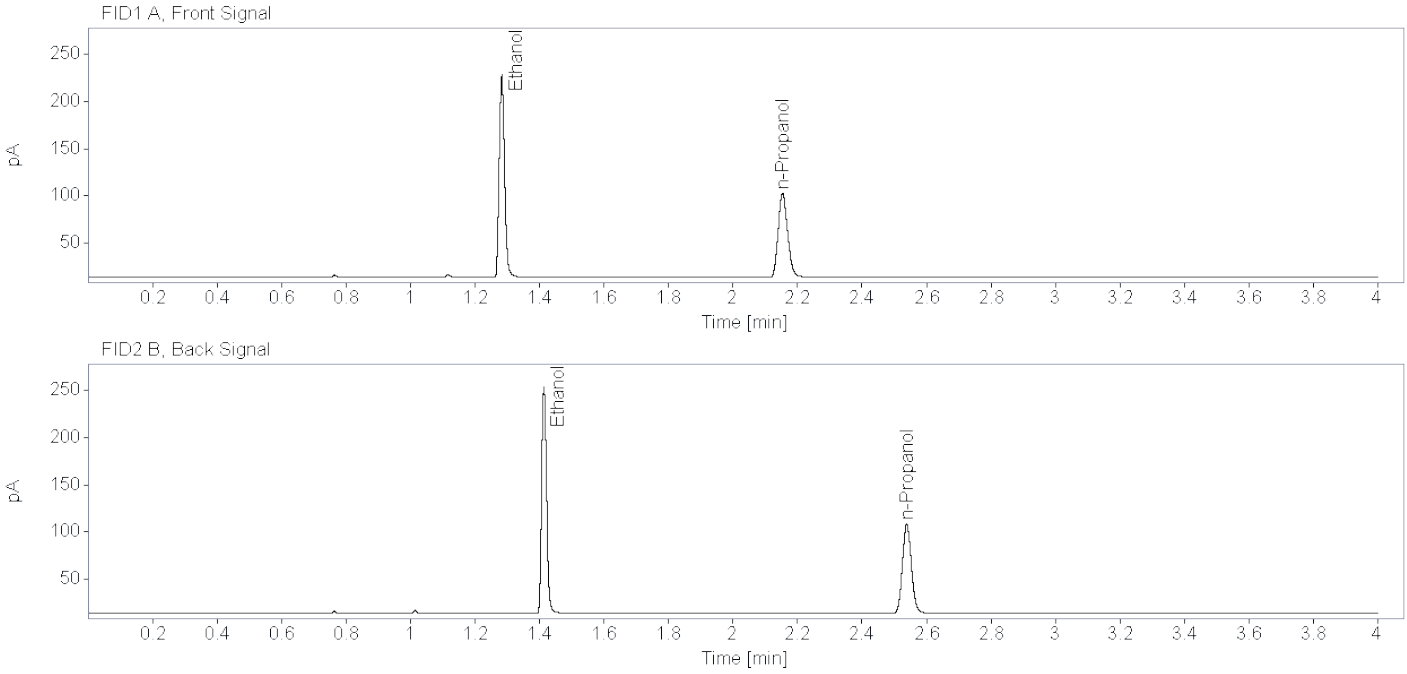
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1692 001_001 (24-2103) **Description:** Alq 1 **Sample Barcode** 24-2103 **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:00:57 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79781	1.283	1.281	244.3232	0.2465
n-Propanol	0.81272	2.154	2.152	179.5211	0.0100

Name FID2B

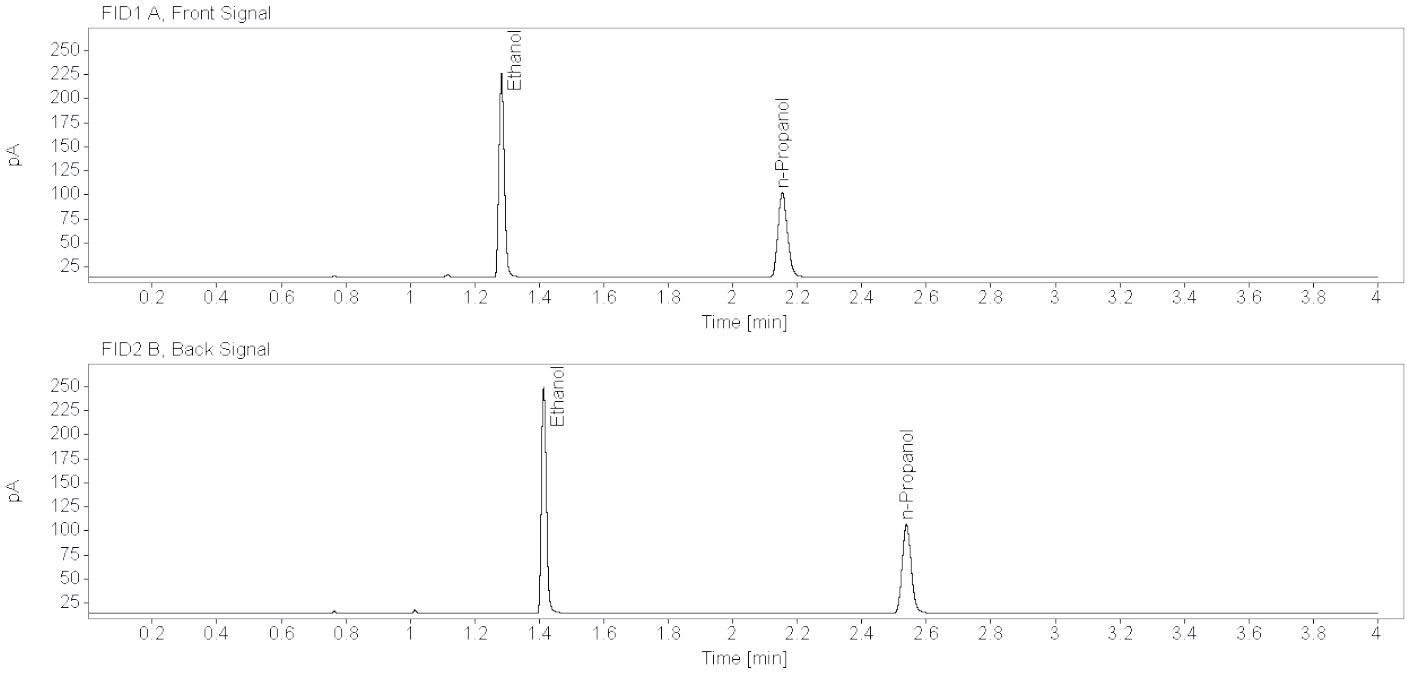
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83768	1.414	1.409	249.0493	0.2469
n-Propanol	0.87226	2.539	2.535	182.4416	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1692 001_001 (24-2121) **Description:** Alq 2 **Sample Barcode** 24-2121 **Vial Number:** 54

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:44:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81306	1.283	1.281	241.8610	0.2458
n-Propanol	0.80313	2.154	2.152	178.2111	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80951	1.414	1.409	245.9901	0.2470
n-Propanol	0.86755	2.539	2.535	180.0777	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1698 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2256	Aliquot 1:	0.2257
	Aliquot 2:	0.2195	Aliquot 2:	0.2209

Reported Result: **0.222** **g/100 mL**

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

Comments:

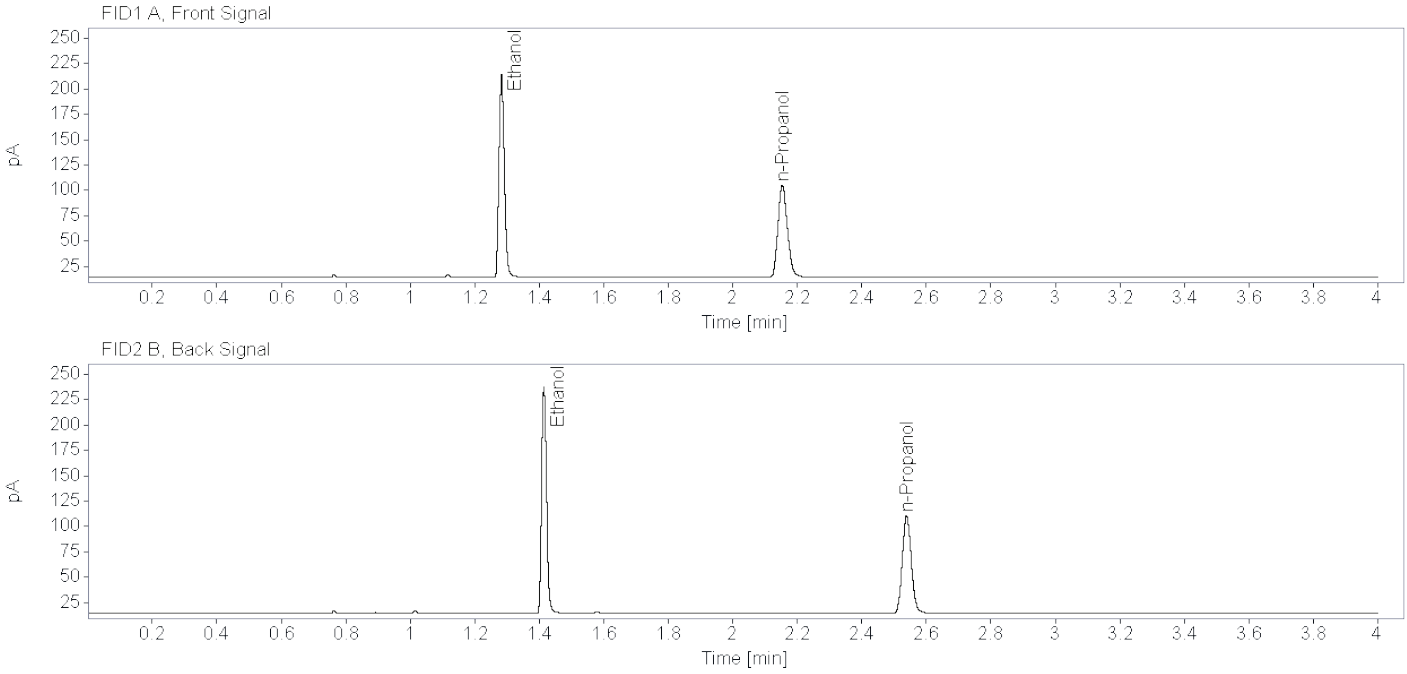
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1698 001_001 (24-2104) **Description:** Alq 1 **Sample Barcode** 24-2104 **Vial Number:** 35

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:05:44 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80523	1.283	1.281	229.0658	0.2256
n-Propanol	0.80618	2.154	2.152	183.9995	0.0100

Name FID2B

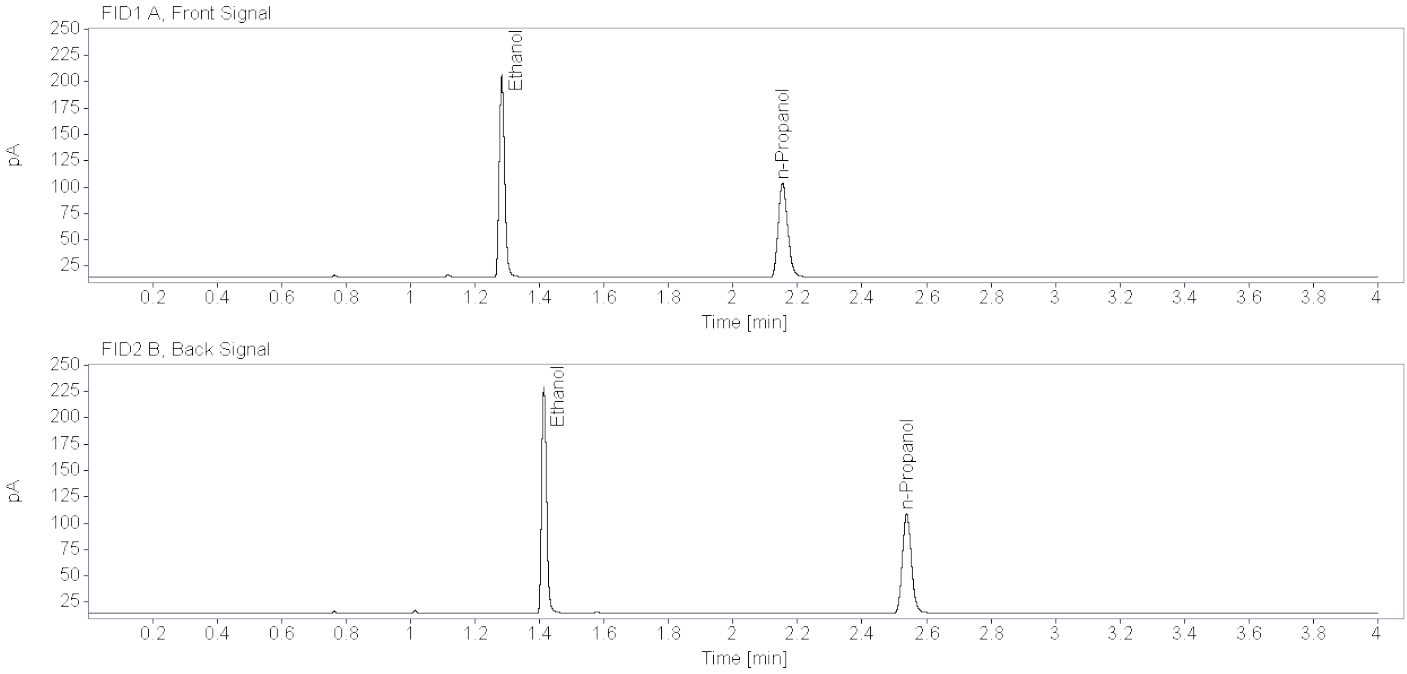
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83595	1.415	1.409	233.2961	0.2257
n-Propanol	0.86675	2.539	2.535	187.0061	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1698 001_001 (24-2120) **Description:** Alq 2 **Sample Barcode** 24-2120 **Vial Number:** 53

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:39:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79023	1.283	1.281	220.2528	0.2195
n-Propanol	0.80606	2.154	2.152	181.8308	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81536	1.414	1.409	224.1749	0.2209
n-Propanol	0.86301	2.538	2.535	183.5845	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1712 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1467	Aliquot 1:	0.1468
	Aliquot 2:	0.1470	Aliquot 2:	0.1474

Reported Result: **0.146** **g/100 mL**

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

Comments:

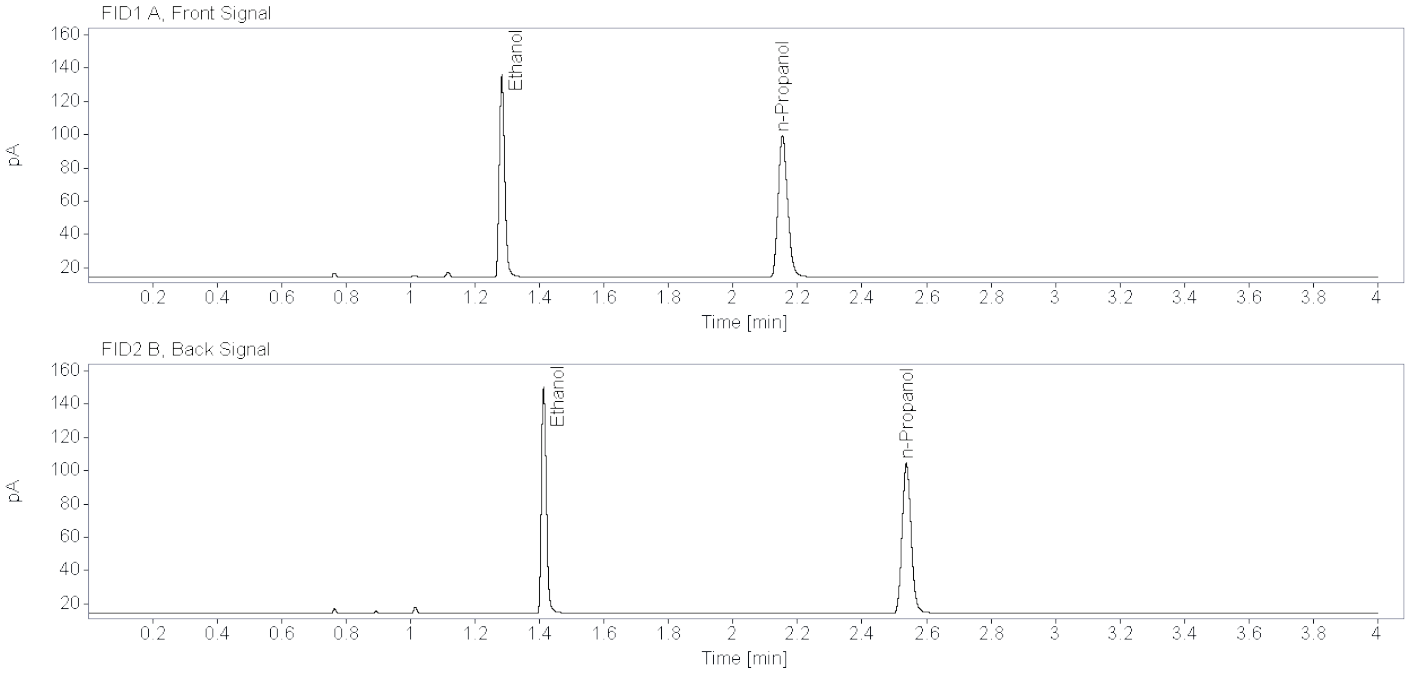
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1712 001_001 (24-2105) **Description:** Alq 1 **Sample Barcode** 24-2105 **Vial Number:** 36

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:11:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77637	1.283	1.281	139.2140	0.1467
n-Propanol	0.80621	2.153	2.152	172.2502	0.0100

Name FID2B

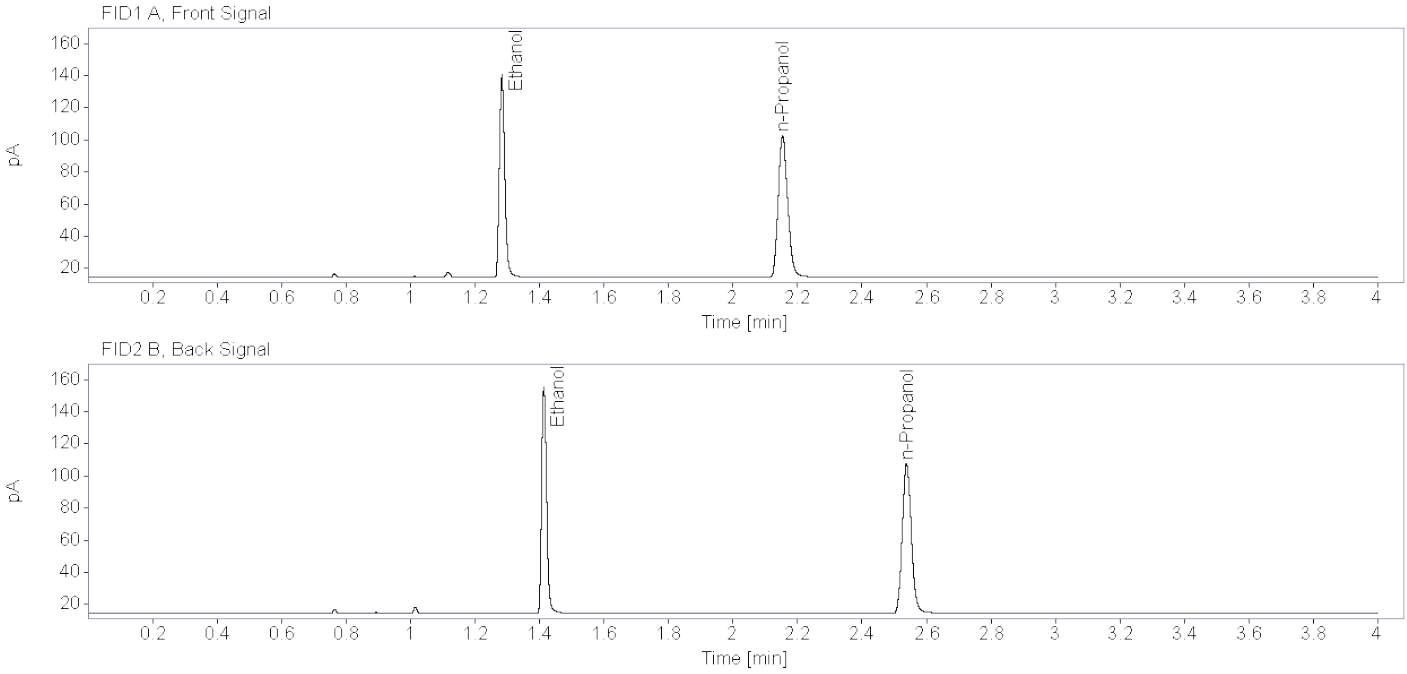
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77860	1.413	1.409	141.7988	0.1468
n-Propanol	0.87295	2.538	2.535	175.1818	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1712 001_001 (24-2119) **Description:** Alq 2 **Sample Barcode** 24-2119 **Vial Number:** 52

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:34:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78323	1.283	1.281	144.9554	0.1470
n-Propanol	0.80614	2.154	2.152	179.0549	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79926	1.414	1.409	147.4345	0.1474
n-Propanol	0.86273	2.538	2.535	181.3441	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1713 001_003

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3985	Aliquot 1:	0.4004
	Aliquot 2:	0.4078	Aliquot 2:	0.4091

Reported Result: **0.403** **g/100 mL**

Reported UM: **0.058** **g/100 mL**

Comments:

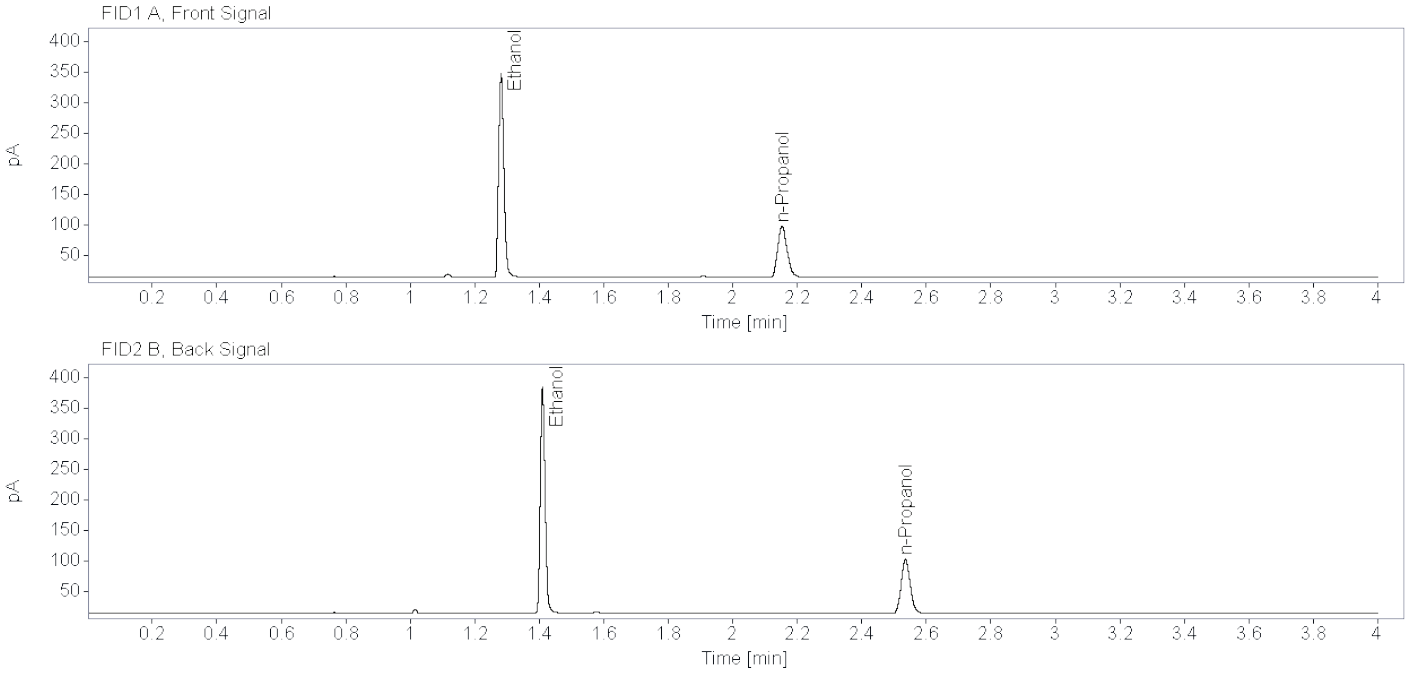
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1713 001_003 (24-2106) **Description:** Alq 1 **Sample Barcode** 24-2106 **Vial Number:** 37

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:16:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79612	1.282	1.281	376.8440	0.3985
n-Propanol	0.79477	2.153	2.152	171.0622	0.0100

Name FID2B

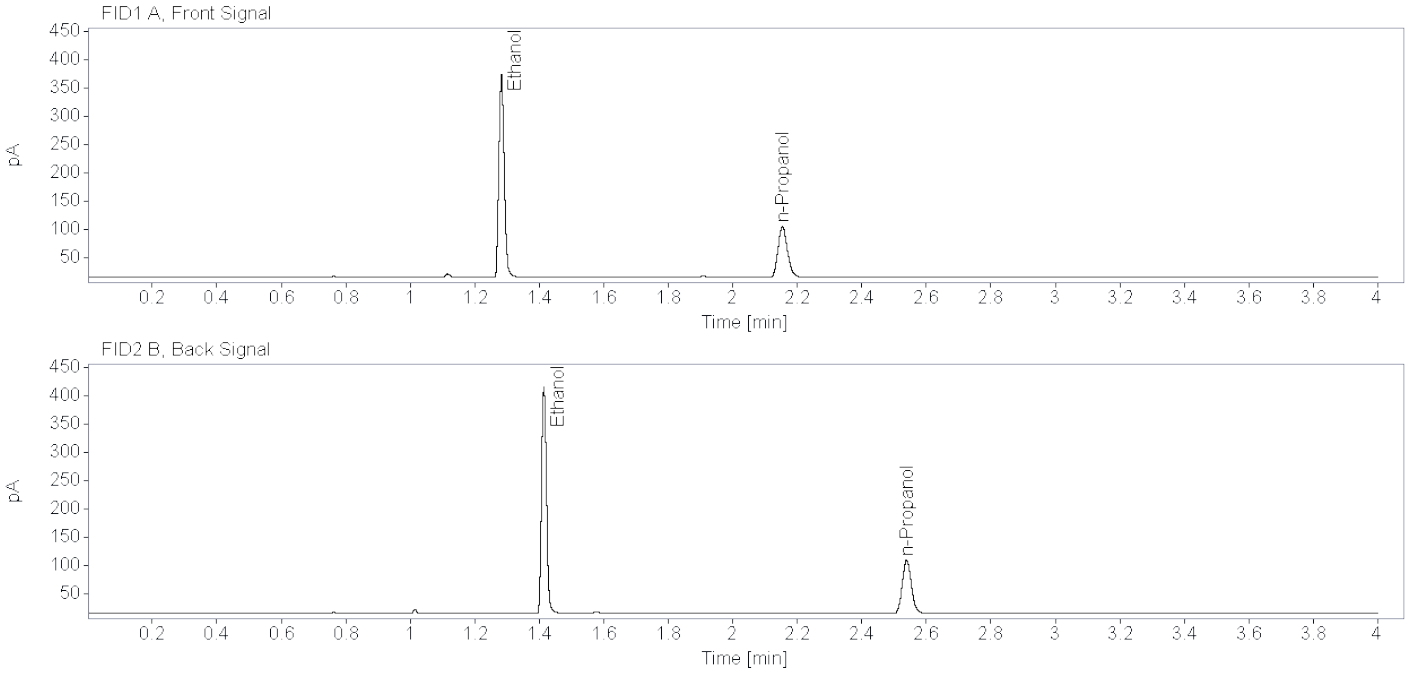
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82858	1.410	1.409	384.2187	0.4004
n-Propanol	0.86340	2.536	2.535	173.2377	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1713 001_003 (24-2118) **Description:** Alq 2 **Sample Barcode** 24-2118 **Vial Number:** 51

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:28:57 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82048	1.283	1.281	410.9955	0.4078
n-Propanol	0.80404	2.154	2.152	182.3025	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86912	1.414	1.409	418.7722	0.4091
n-Propanol	0.86599	2.539	2.535	184.7824	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1721 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: none detected

Reported UM: _____

Comments:

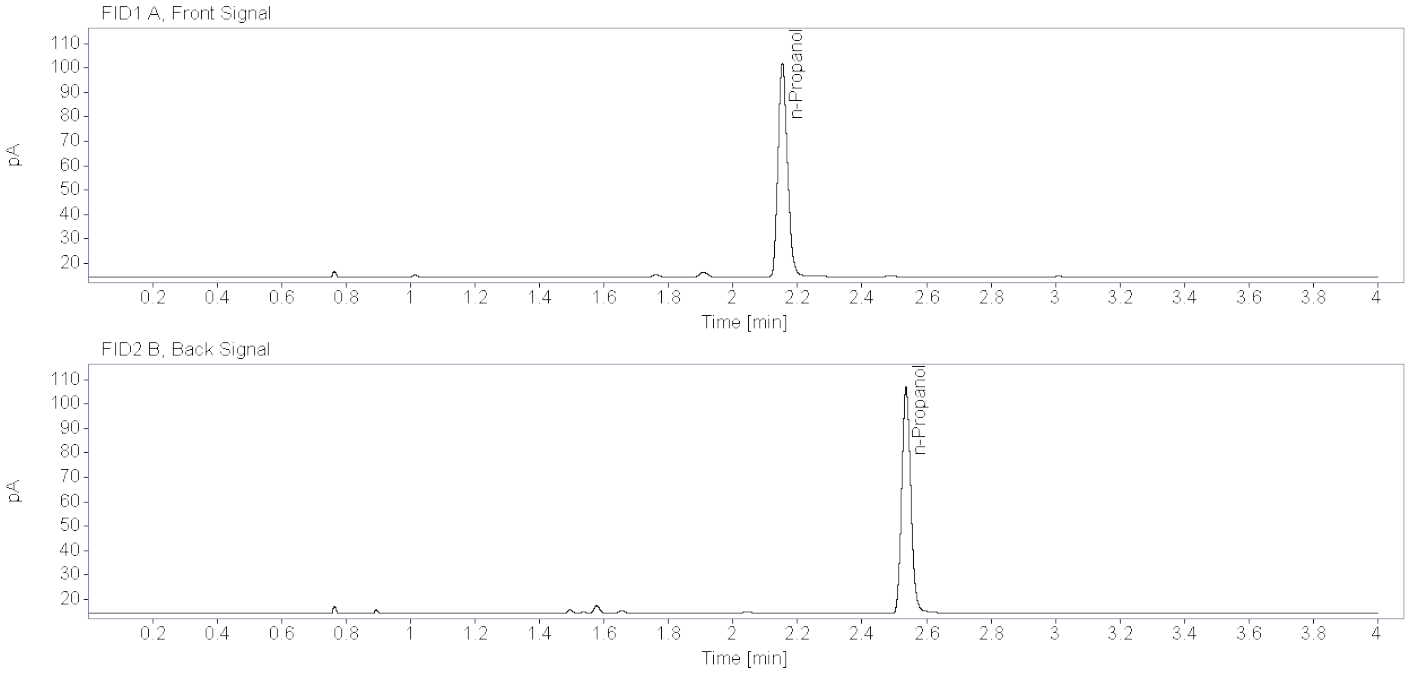
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1721 001_001 (24-2107) **Description:** Alq 1 **Sample Barcode** 24-2107 **Vial Number:** 38

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:21:44 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81336	2.153	2.152	177.2455	0.0100

Name FID2B

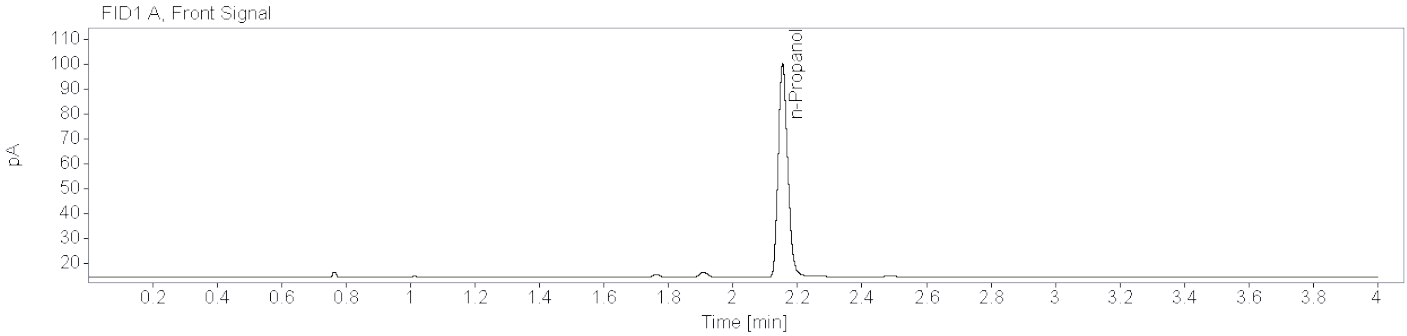
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86378	2.537	2.535	179.9110	0.0100

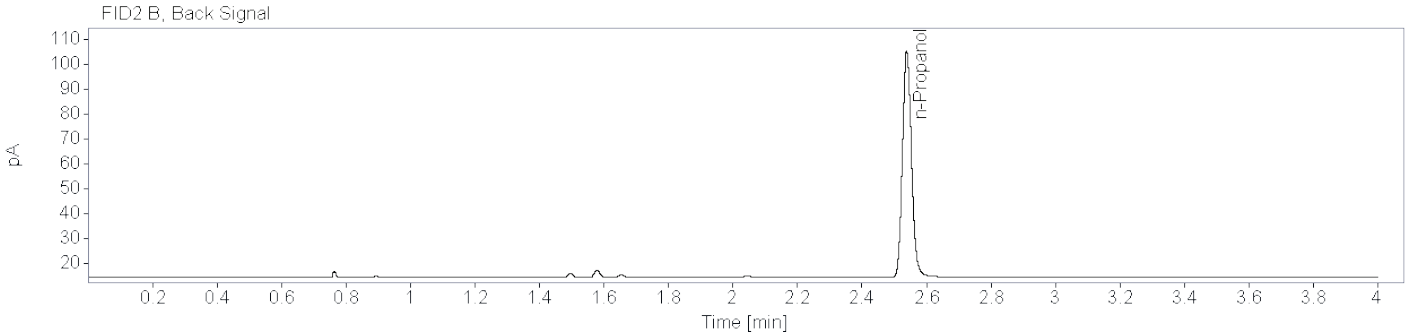
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1721 001_001 (24-2117) **Description:** Alq 2 **Sample Barcode** 24-2117 **Vial Number:** 50

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:24:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\050F5001.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80641	2.154	2.152	174.2816	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85614	2.539	2.535	177.3938	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1730 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2751	Aliquot 1:	0.2763
	Aliquot 2:	0.2634	Aliquot 2:	0.2642

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

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

Comments:

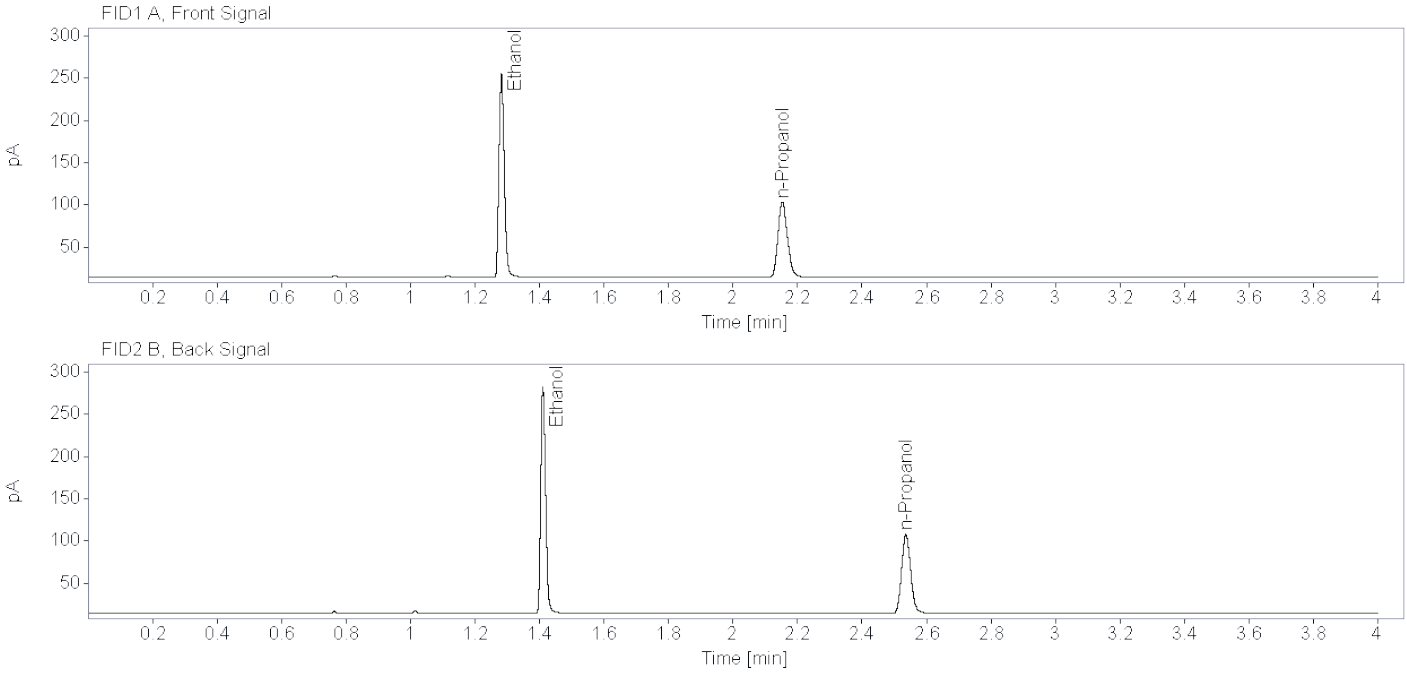
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1730 001_001 (24-2108) **Description:** Alq 1 **Sample Barcode** 24-2108 **Vial Number:** 39

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:26:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79207	1.282	1.281	273.6121	0.2751
n-Propanol	0.80155	2.153	2.152	180.0531	0.0100

Name FID2B

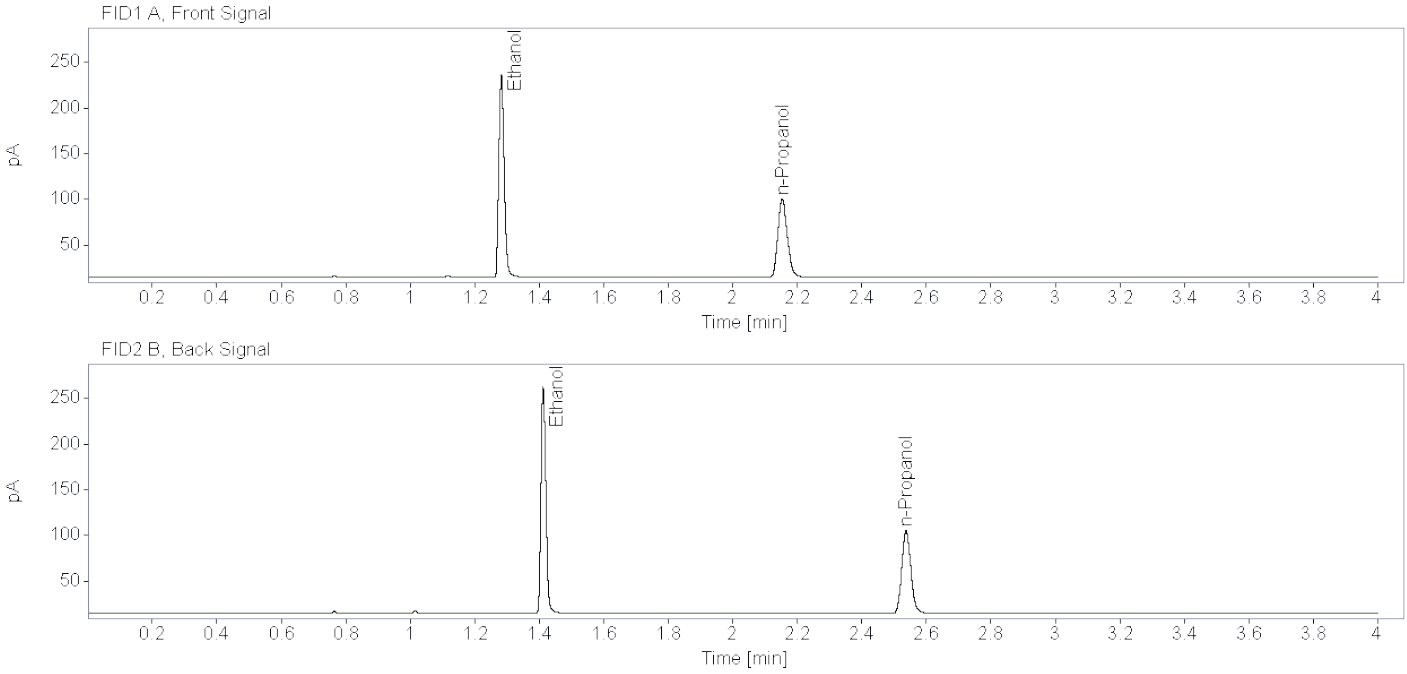
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80332	1.411	1.409	278.4762	0.2763
n-Propanol	0.85391	2.536	2.535	182.1541	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1730 001_001 (24-2116) **Description:** Alq 2 **Sample Barcode** 24-2116 **Vial Number:** 49

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:18:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78927	1.283	1.281	253.3542	0.2634
n-Propanol	0.79860	2.153	2.152	174.1812	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81411	1.412	1.409	258.0534	0.2642
n-Propanol	0.85777	2.537	2.535	176.5540	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1743 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1944	Aliquot 1:	0.1952
	Aliquot 2:	0.2009	Aliquot 2:	0.2018

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

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

Comments:

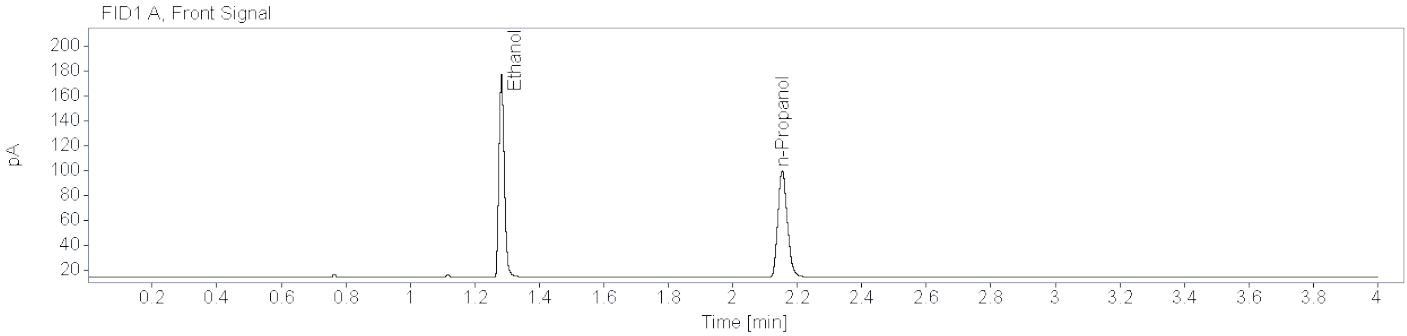
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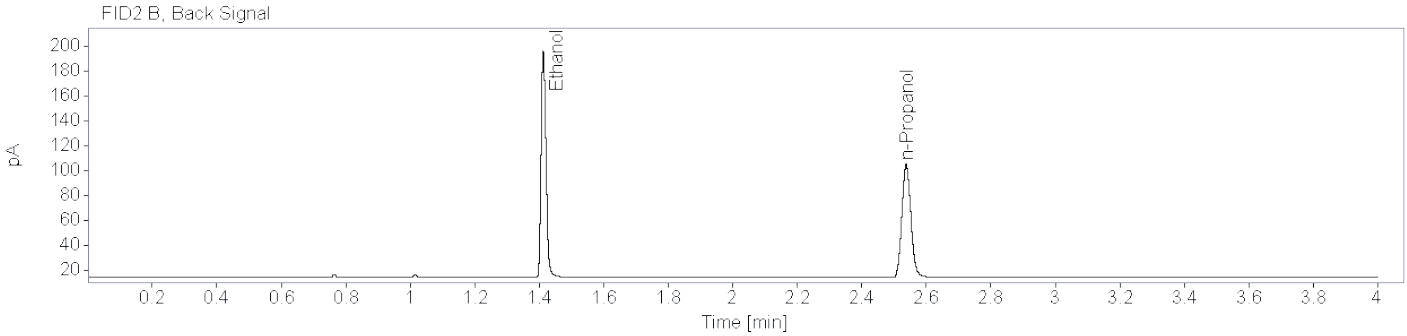
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1743 001_001 (24-2109) **Description:** Alq 1 **Sample Barcode** 24-2109 **Vial Number:** 40

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:32:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\040F4001.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78438	1.283	1.281	186.1672	0.1944
n-Propanol	0.80066	2.153	2.152	173.6450	0.0100

Name FID2B

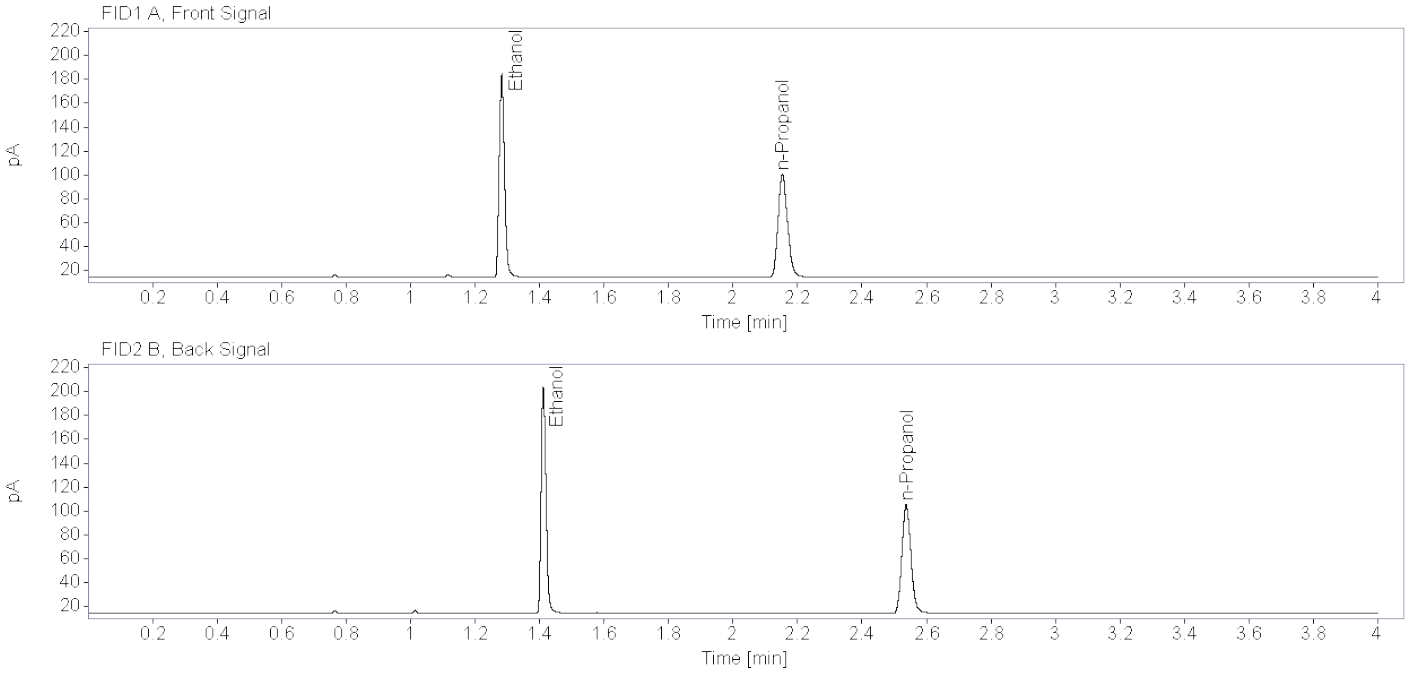
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79961	1.413	1.409	190.2813	0.1952
n-Propanol	0.86108	2.538	2.535	176.4593	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1743 001_001 (24-2115) **Description:** Alq 2 **Sample Barcode** 24-2115 **Vial Number:** 48

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:13:44 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78017	1.283	1.281	193.3899	0.2009
n-Propanol	0.80533	2.153	2.152	174.4959	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79402	1.412	1.409	197.4719	0.2018
n-Propanol	0.85826	2.537	2.535	177.0965	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1744 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2146	Aliquot 1:	0.2150
	Aliquot 2:	0.2216	Aliquot 2:	0.2223

Reported Result: 0.218 g/100 mL

Reported UM: 0.031 g/100 mL

Comments:

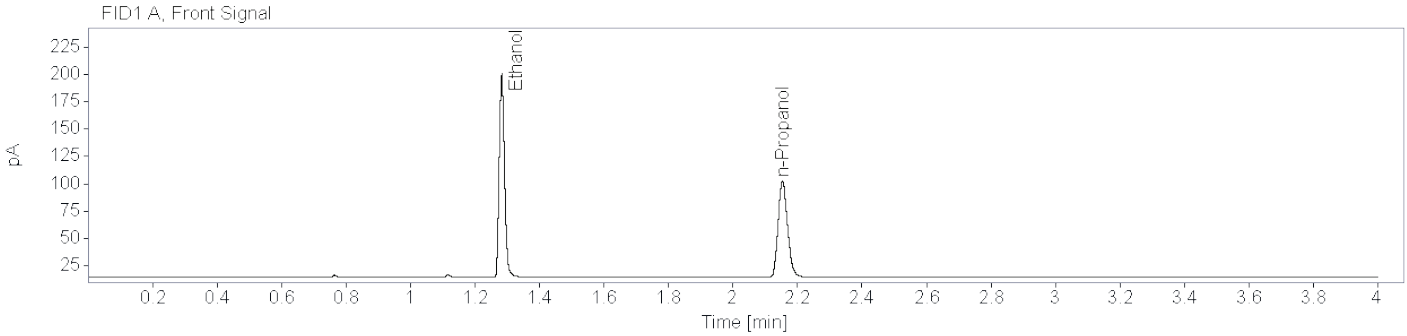
Total Number of Printed Examination Pages: 0

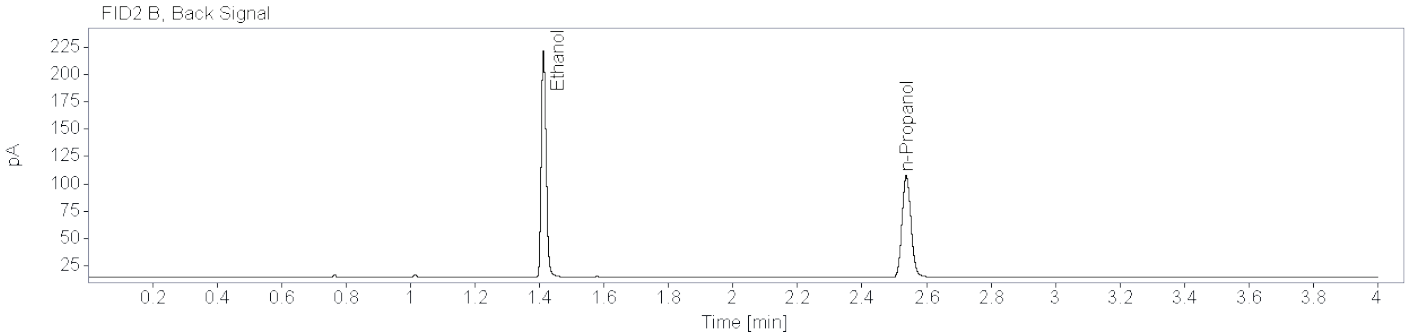
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1744 001_001 (24-2110) **Description:** Alq 1 **Sample Barcode** 24-2110 **Vial Number:** 41

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:36:56 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\041F4101.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77942	1.283	1.281	211.7042	0.2146
n-Propanol	0.80538	2.153	2.152	178.7856	0.0100

Name FID2B

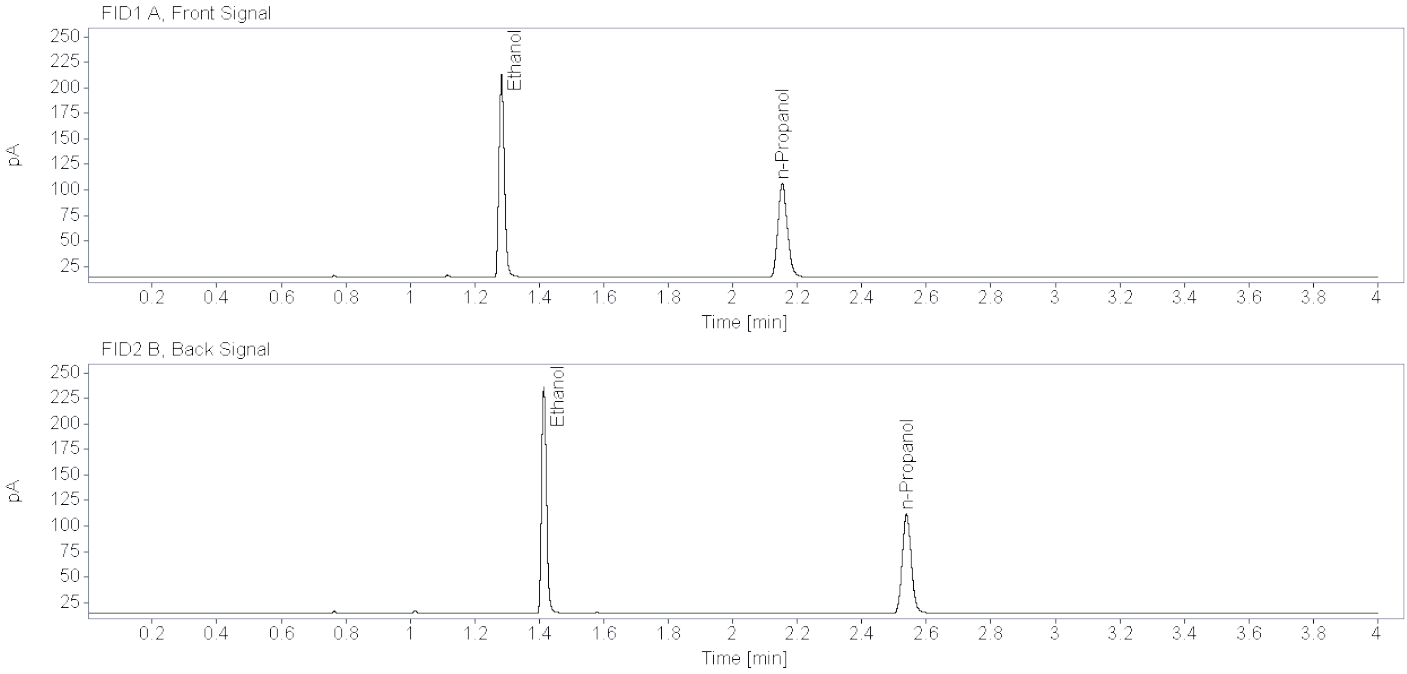
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79172	1.412	1.409	215.9176	0.2150
n-Propanol	0.86670	2.537	2.535	181.6986	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1744 001_001 (24-2114) **Description:** Alq 2 **Sample Barcode** 24-2114 **Vial Number:** 47

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:08:08 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80289	1.283	1.281	227.2100	0.2216
n-Propanol	0.80825	2.154	2.152	185.7645	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82938	1.414	1.409	231.7141	0.2223
n-Propanol	0.86629	2.539	2.535	188.5921	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1745 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1565	Aliquot 1:	0.1571
	Aliquot 2:	0.1582	Aliquot 2:	0.1588

Reported Result: **0.157** **g/100 mL**

Reported UM: **0.023** **g/100 mL**

Comments:

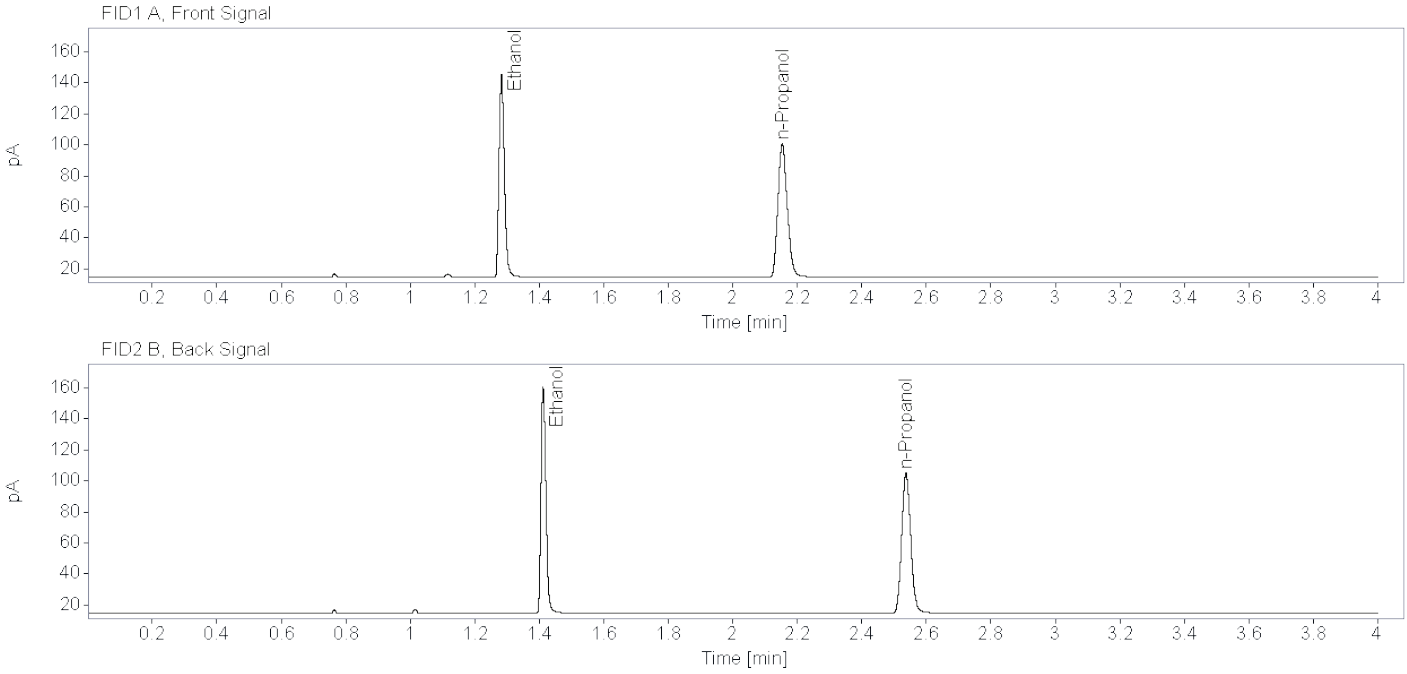
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1745 001_001 (24-2111) **Description:** Alq 1 **Sample Barcode** 24-2111 **Vial Number:** 42

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:42:32 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77123	1.283	1.281	150.1786	0.1565
n-Propanol	0.80322	2.153	2.152	174.1492	0.0100

Name FID2B

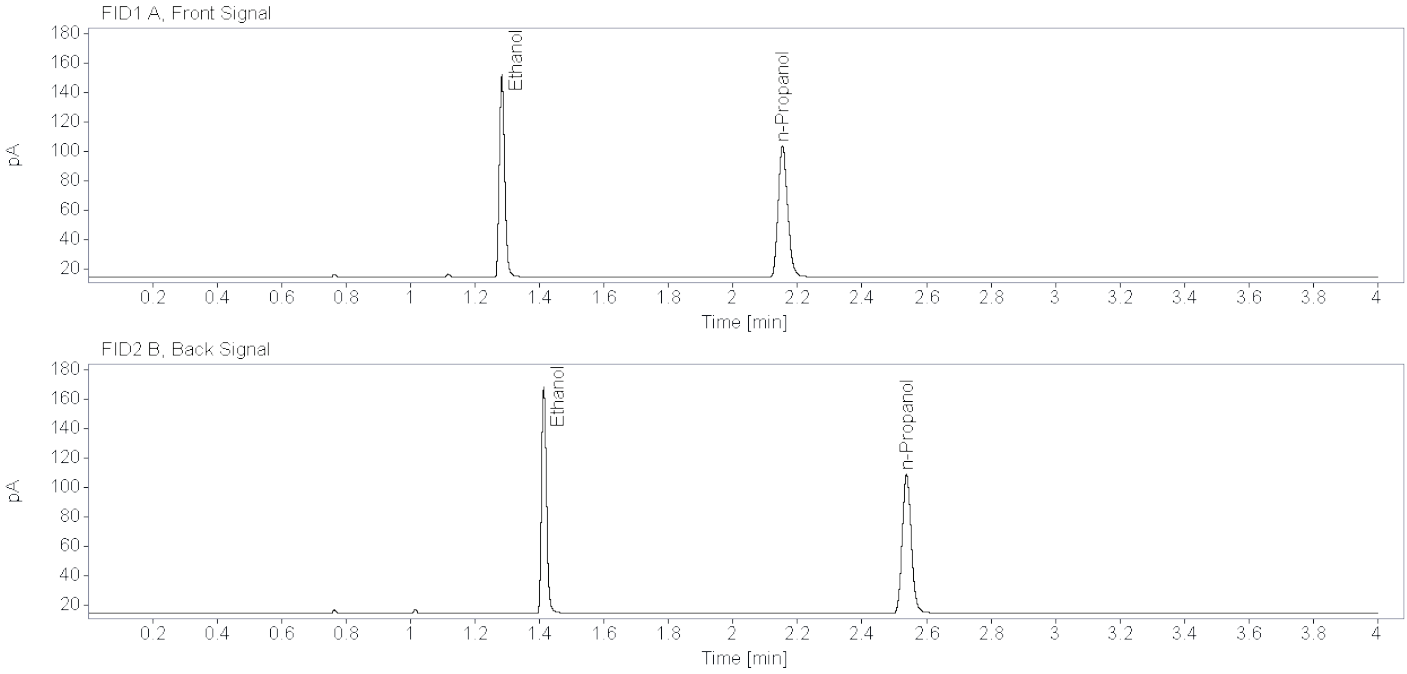
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77977	1.412	1.409	153.0083	0.1571
n-Propanol	0.85731	2.537	2.535	176.5075	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1745 001_001 (24-2113) **Description:** Alq 2 **Sample Barcode** 24-2113 **Vial Number:** 46

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 5:03:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78150	1.283	1.281	158.1275	0.1582
n-Propanol	0.80530	2.154	2.152	181.3833	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80364	1.413	1.409	161.2397	0.1588
n-Propanol	0.86289	2.538	2.535	184.0702	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1832 001_001

Batch Name: BAC_20241007_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1092	Aliquot 1:	0.1097
	Aliquot 2:	0.1125	Aliquot 2:	0.1128

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

Reported UM: **0.016** **g/100 mL**

Comments:

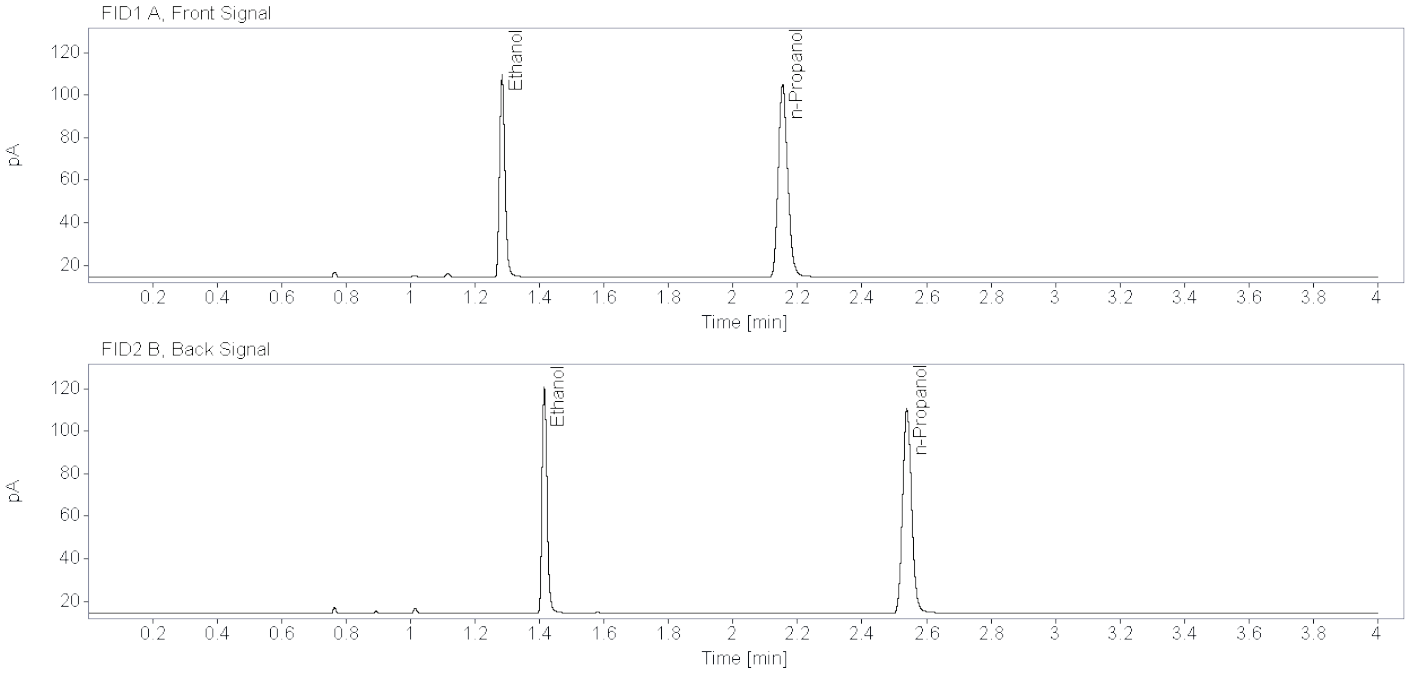
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1832 001_001 (24-2086) **Description:** Alq 1 **Sample Barcode** 24-2086 **Vial Number:** 43

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:47:20 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77495	1.284	1.281	110.3580	0.1092
n-Propanol	0.81281	2.154	2.152	183.8252	0.0100

Name FID2B

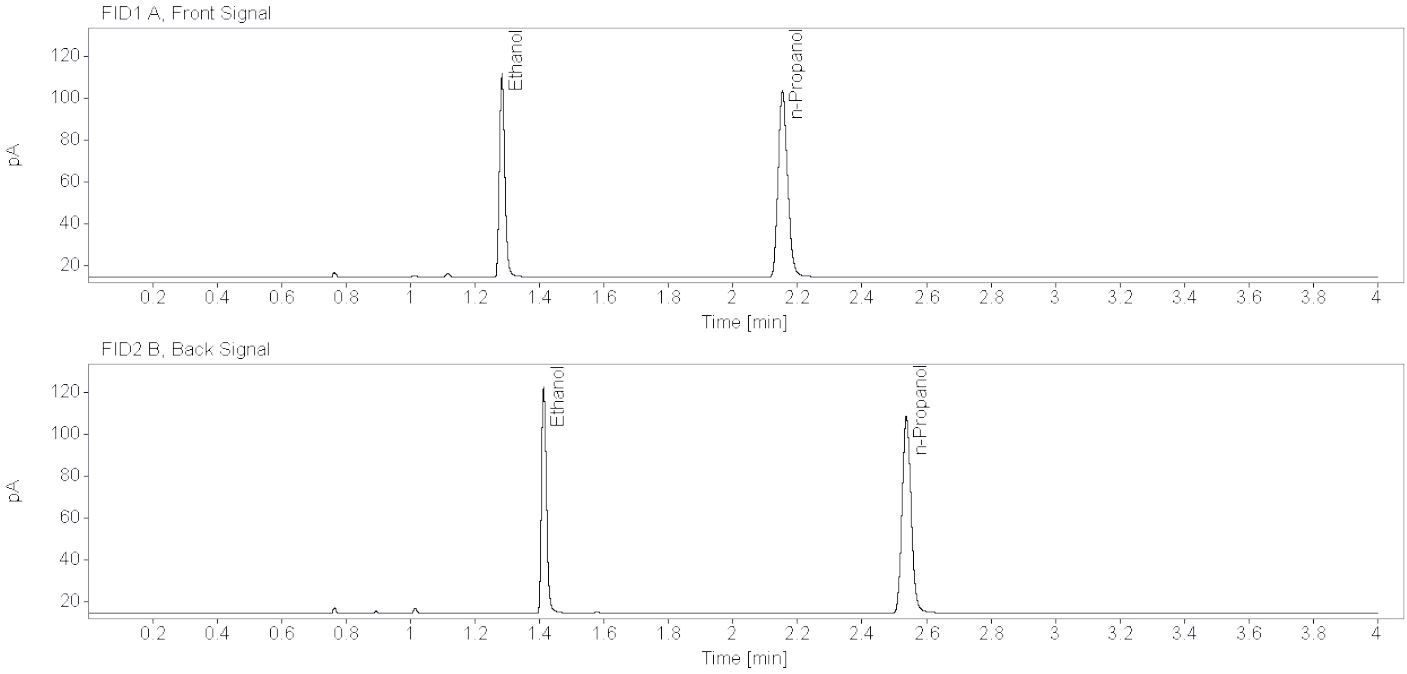
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78294	1.415	1.409	112.6151	0.1097
n-Propanol	0.86379	2.539	2.535	186.5520	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1832 001_001 (24-2138) **Description:** Alq 2 **Sample Barcode** 24-2138 **Vial Number:** 45

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/7/2024 4:57:44 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241007_MH 2024-10-07 12-58-12\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75858	1.284	1.281	111.7461	0.1125
n-Propanol	0.80566	2.153	2.152	180.6789	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76517	1.413	1.409	113.8661	0.1128
n-Propanol	0.87035	2.538	2.535	183.4126	0.0100