SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/28/25 SEQUENCE NAME 28May25

EQUIPMENT

Pipettor ☒ Hamilton ML600GJ10749 ☐ Hamilton ML600EA20851
Gas Chromatograph ☒ Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113
Vial 2 0.10 calibrator Lot FN03072301
Vial 3 0.20 calibrator Lot FN03132302
Vial 4 0.40 calibrator Lot FN03052102

Coefficient of determination (r^2)
0.99995

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CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.202 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
42	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
53	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 12052023-B
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
55	Blood control	0.203 g/dL	0.205 g/dL	ACQ 4130622206/10
56	Blank	Not detected	Not detected	SPD lab 032725AQ

SUBJECT SAMPLES

Subjects in the sequence 16 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. The run contained four proficiency samples.

Run valid ☒ Run invalid ☐ Erika Canonico Analyst

Run valid ☑ Run invalid ☐ Technical Reviewer

Scottsdale Police Department Crime Laboratory
Sequence Quality Assurance Summary

SEQUENCE NAME: 28May25 **ANALYST: Canonico** EL

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.400 12052023-B	7	0.401	0.400	0.25	0.001
0.040 518018	8	0.041	0.040	2.50	0.001
0.203 4130622206/10	9	0.202	0.203	0.49	-0.001
0.100 517758	20	0.100	0.100	0.00	0.000
0.100 517758	31	0.101	0.100	1.00	0.001
0.100 517758	42	0.101	0.100	1.00	0.001
0.400 12052023-B	53	0.402	0.400	0.50	0.002
0.040 518018	54	0.041	0.040	2.50	0.001
0.203 4130622206/10	55	0.205	0.203	0.99	0.002
blank 032725AQ	56	negative	negative	-	-

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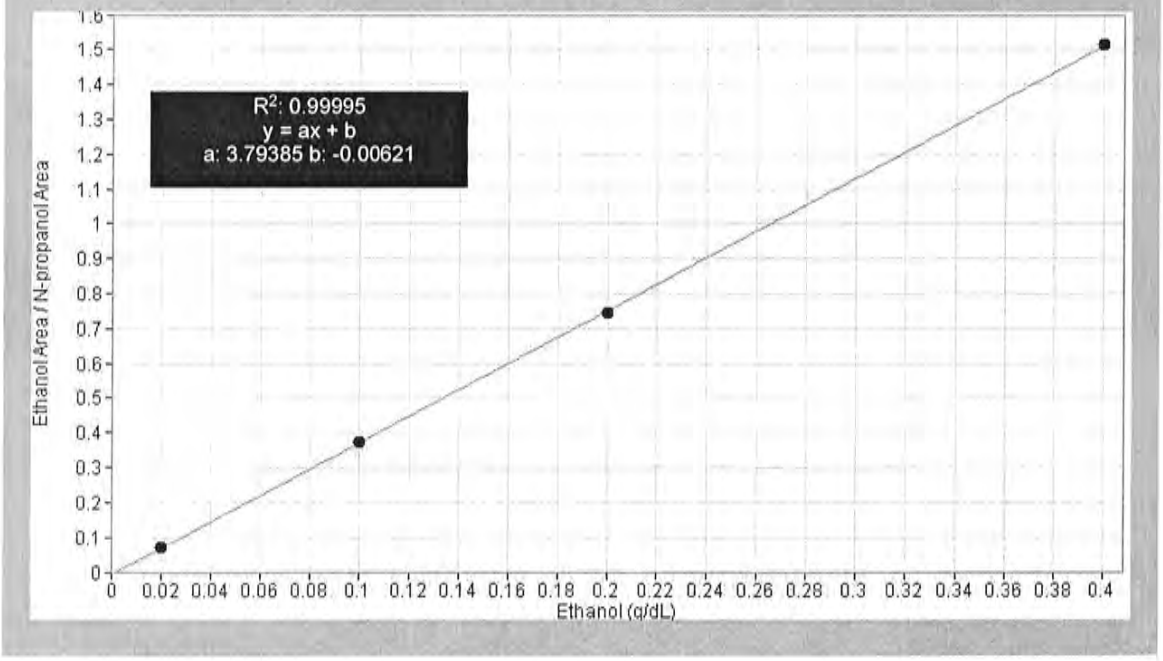
Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.226	153.667	0.073
0.100	58.227	156.080	0.373
0.200	117.740	157.768	0.746
0.400	238.745	157.658	1.514

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	**Vial:**	1
Description:	0.020 calibrator	**Sequence:**	28May25
Method:	ethanol quant.M	**Injection date:**	5/28/2025 1:54:30 PM
Instrument:	US14173023 CN14160045	**Analyst:**	Canonico
Data file:	C:\Chem32\1\Data\28May25\1.D		

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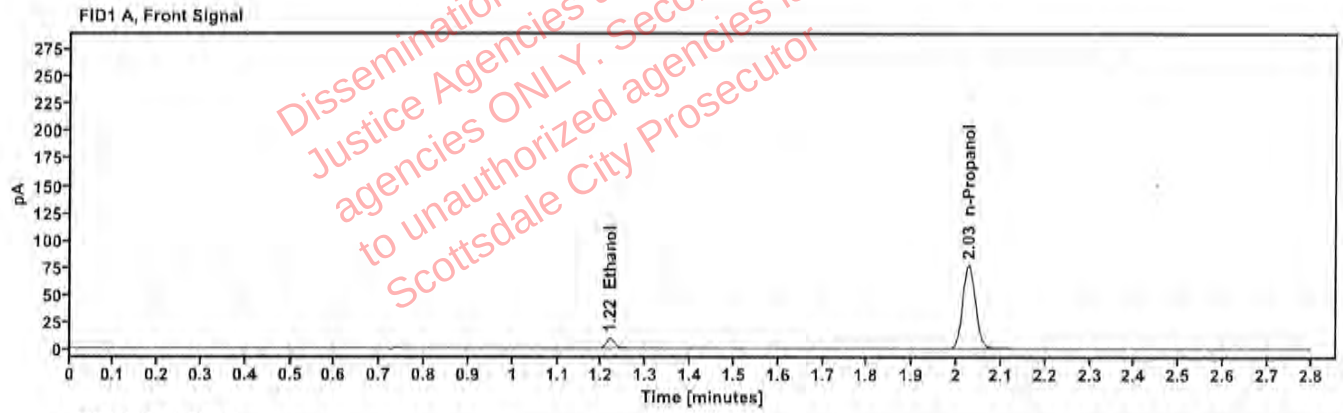

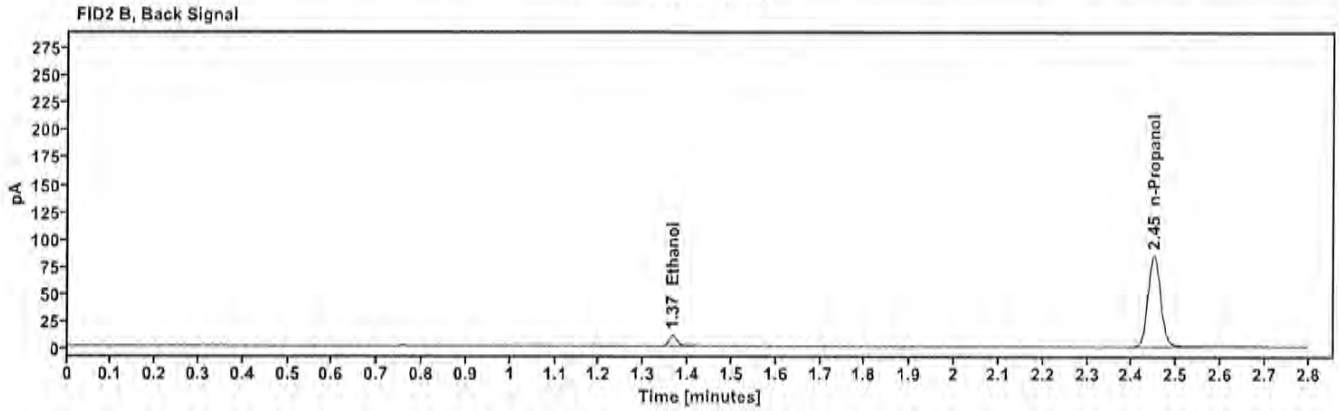

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	11.226
n-Propanol	2.027	153.667

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	12.366
n-Propanol	2.449	167.724

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	**Vial:**	2
Description:	0.100 calibrator	**Sequence:**	28May25
Method:	ethanol quant.M	**Injection date:**	5/28/2025 1:58:30 PM
Instrument:	US14173023 CN14160045	**Analyst:**	Canonico EC
Data file:	C:\Chem32\1\Data\28May25\2.D		

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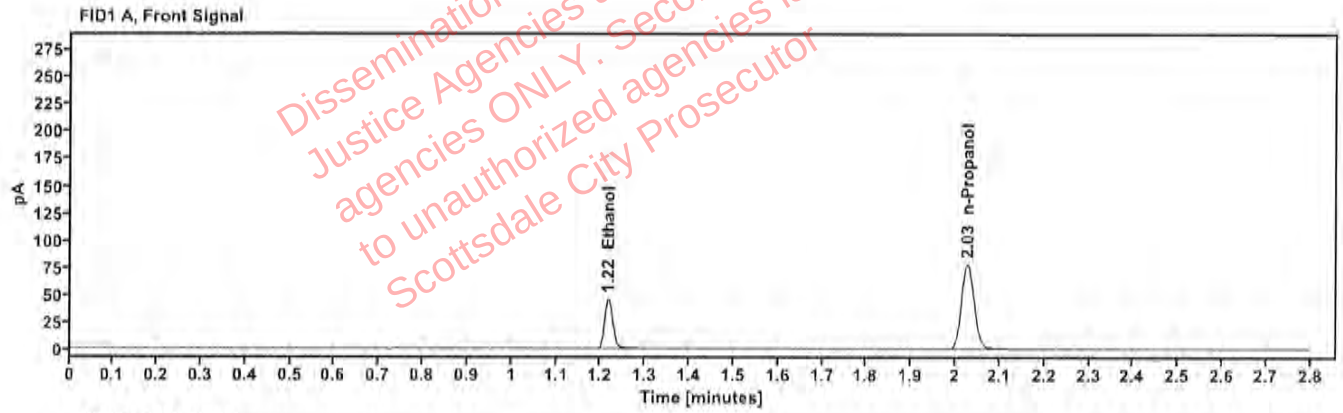

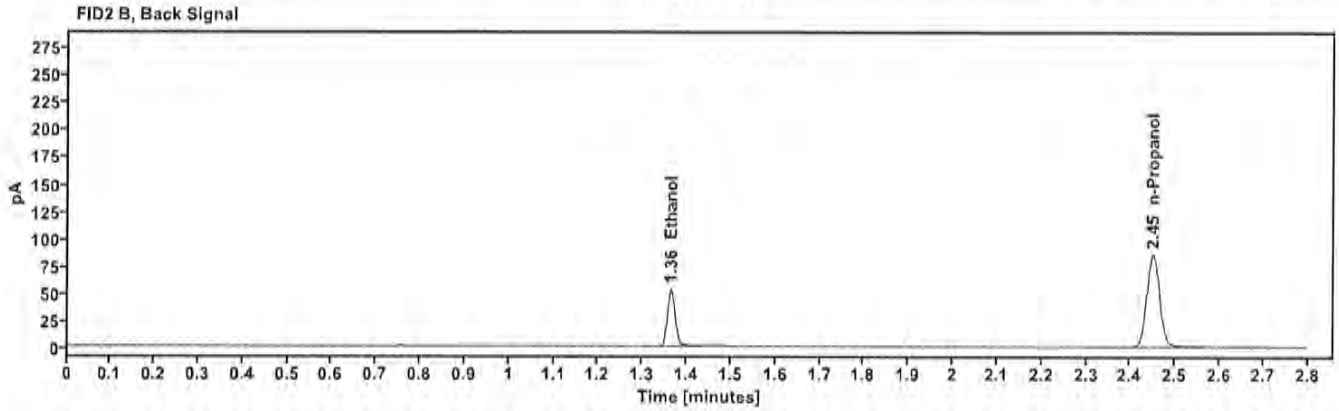

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	58.227
n-Propanol	2.027	156.080

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	63.825
n-Propanol	2.450	170.095

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	**Vial:**	3
Description:	0.200 calibrator	**Sequence:**	28May25
Method:	ethanol quant.M	**Injection date:**	5/28/2025 2:02:30 PM
Instrument:	US14173023 CN14160045	**Analyst:**	Canonico EC
Data file:	C:\Chem32\1\Data\28May25\3.D		

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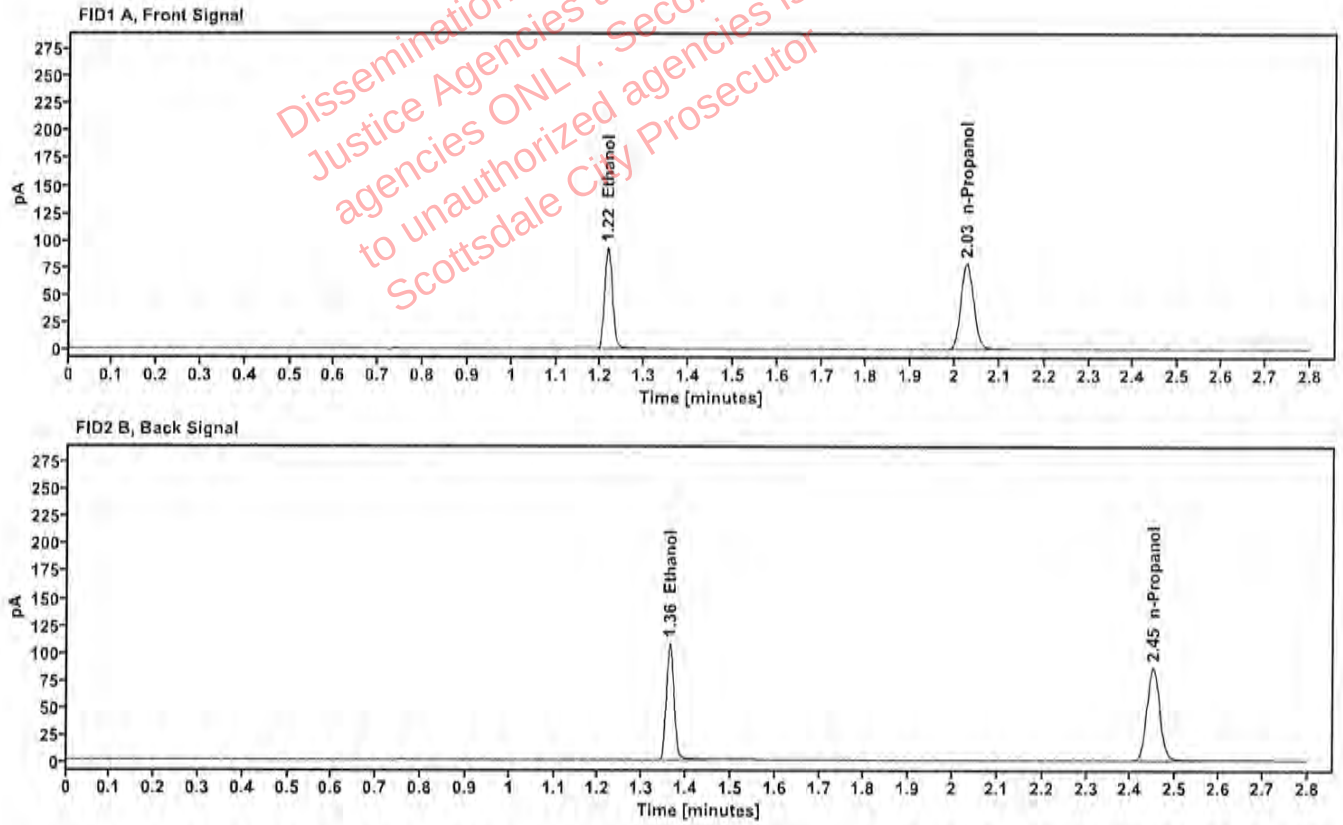

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	117.740
n-Propanol	2.027	157.768

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.362	129.454
n-Propanol	2.449	171.802

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	**Vial:**	4
Description:	0.400 calibrator	**Sequence:**	28May25
Method:	ethanol quant.M	**Injection date:**	5/28/2025 2:06:30 PM
Instrument:	US14173023 CN14160045	**Analyst:**	Canonico EQ
Data file:	C:\Chem32\1\Data\28May25\4.D		

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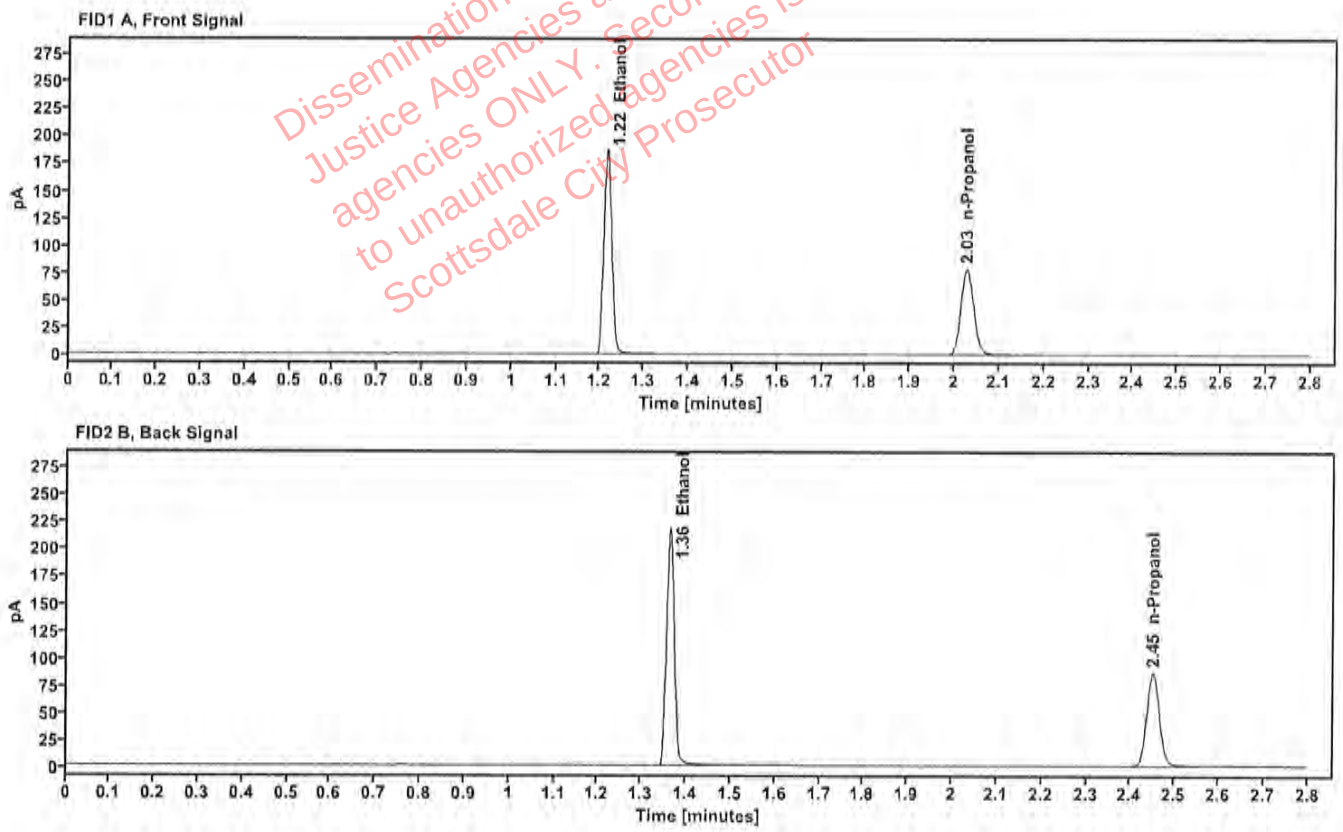

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	238.745
n-Propanol	2.028	157.658

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	263.243
n-Propanol	2.451	171.505

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	**Vial:**	5
Description:	Negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:10:29 PM
Data file:	C:\Chem32\1\Data\28May25\5.D	**Analyst:**	Canonico EQ

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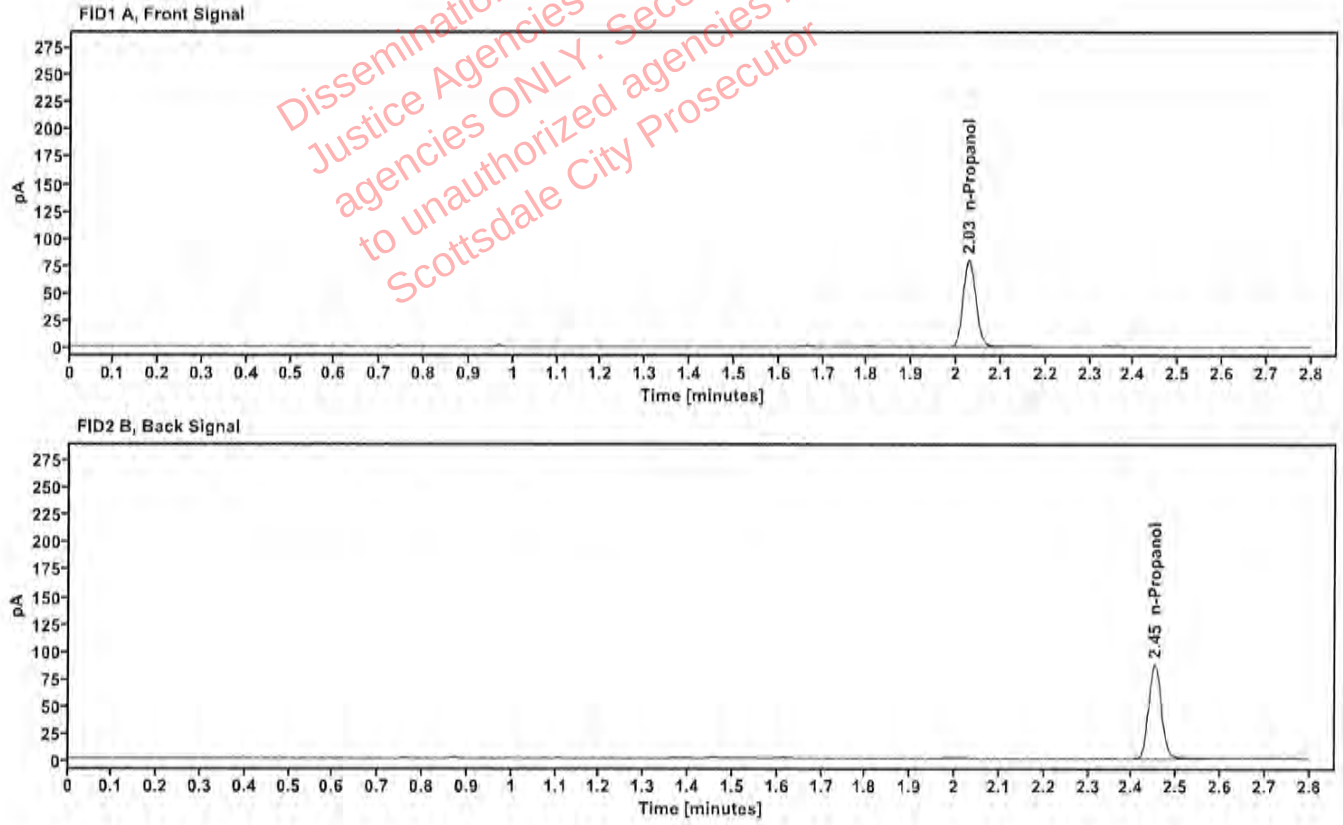

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.028	159.861

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.451	174.484

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	**Vial:**	6
Description:	Volatiles mix	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:14:30 PM
Data file:	C:\Chem32\1\Data\28May25\6.D	**Analyst:**	Canonico EC

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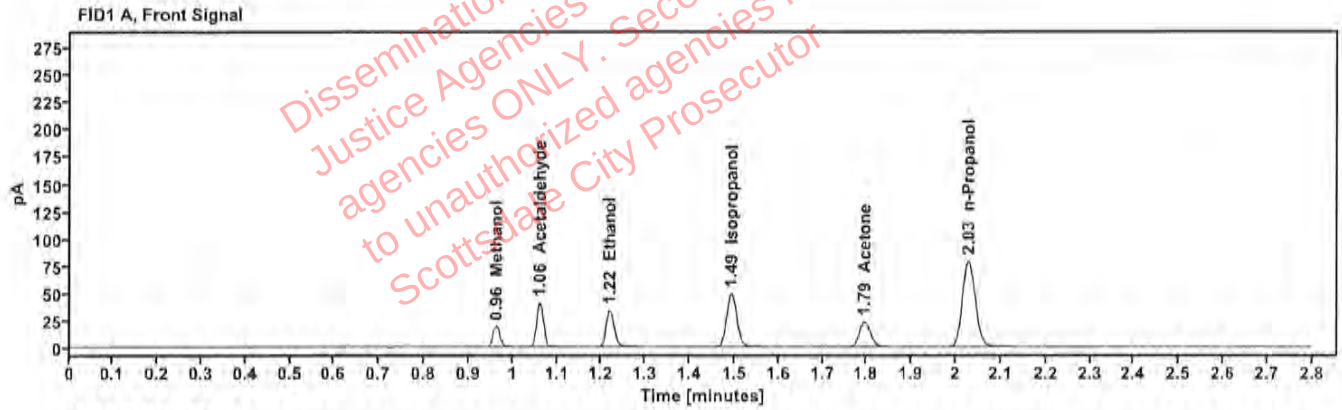

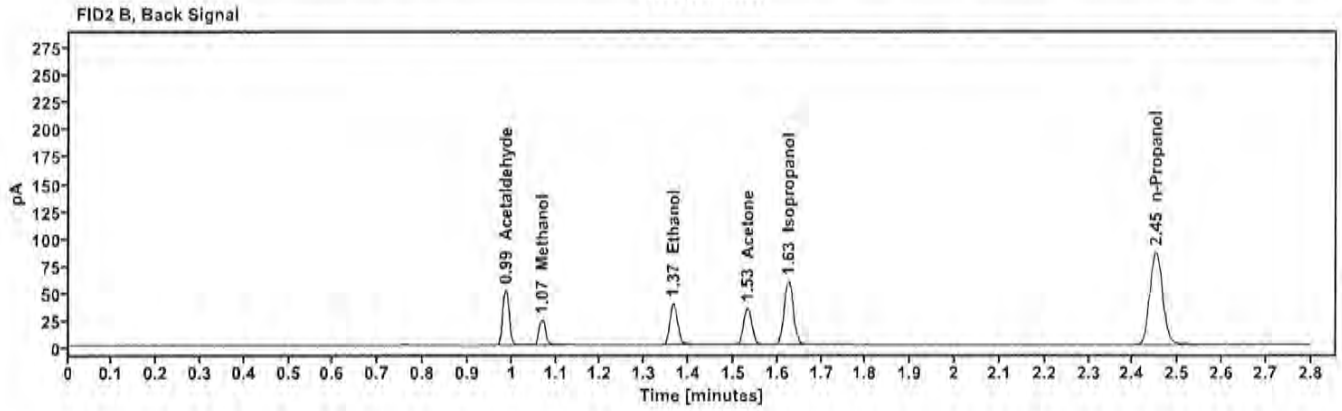

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.962	21.915
Acetaldehyde	-----	1.061	44.779
>Ethanol	0.0732	1.218	42.790
Isopropanol	-----	1.492	78.530
Acetone	-----	1.795	40.083
n-Propanol	-----	2.028	157.551

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	50.319
Methanol	1.068	24.398
Ethanol	1.365	46.847
Acetone	1.531	44.284
Isopropanol	1.625	86.683
n-Propanol	2.451	171.206

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	**Vial:**	7
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:18:45 PM
Data file:	C:\Chem32\1\Data\28May25\7.D	**Analyst:**	Canonico EC

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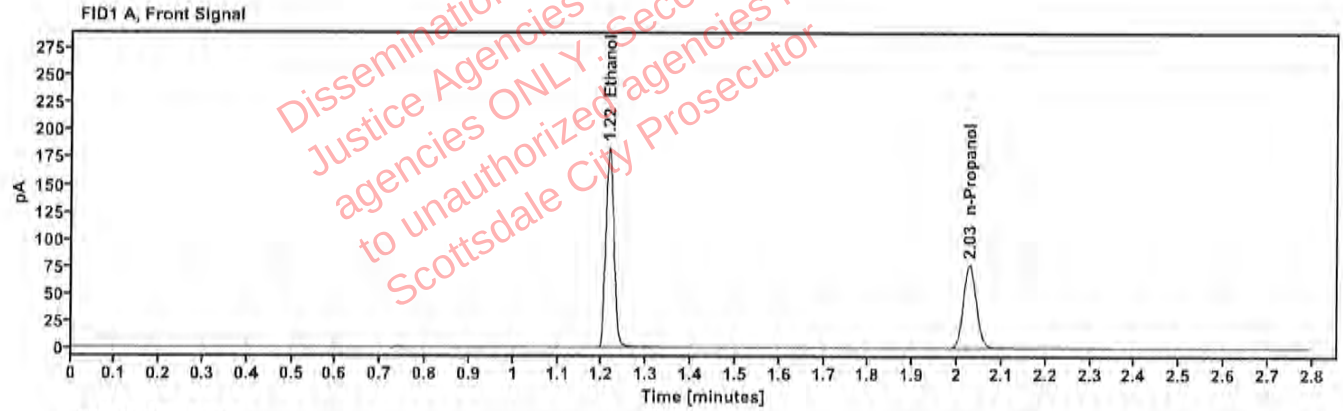

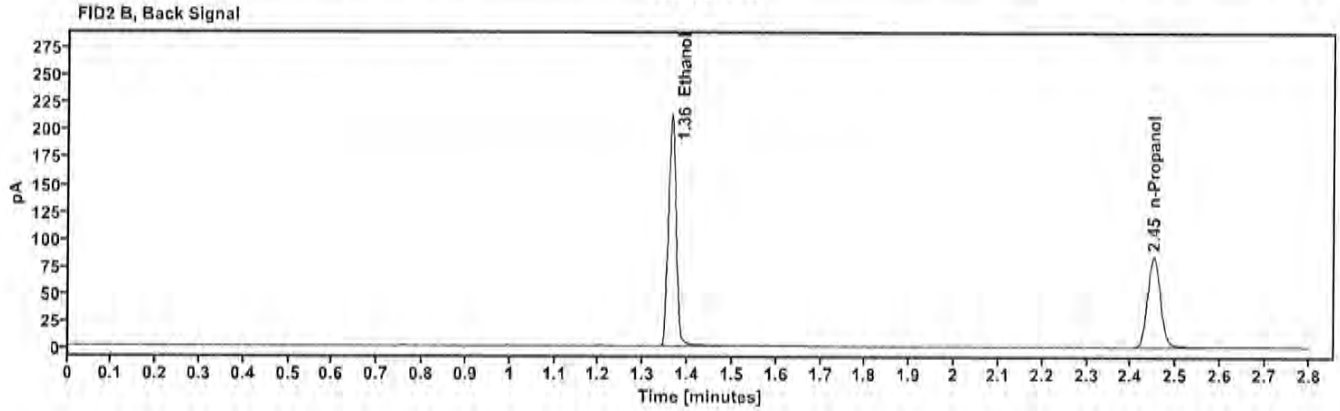

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4011	1.215	233.455
n-Propanol	-----	2.027	154.059

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.363	257.297
n-Propanol	2.450	167.519

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	**Vial:**	8
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:22:45 PM
Data file:	C:\Chem32\1\Data\28May25\8.D	**Analyst:**	Canonico EC

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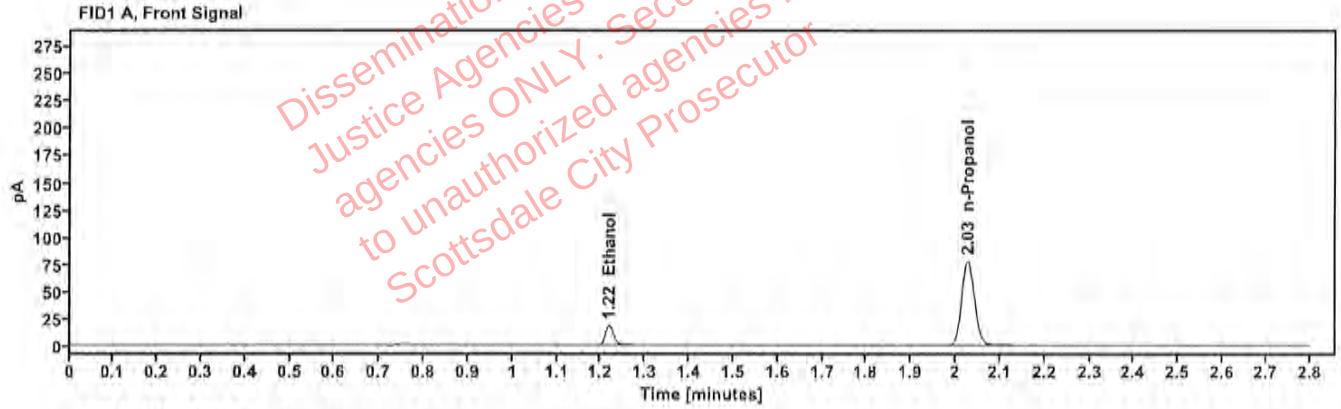

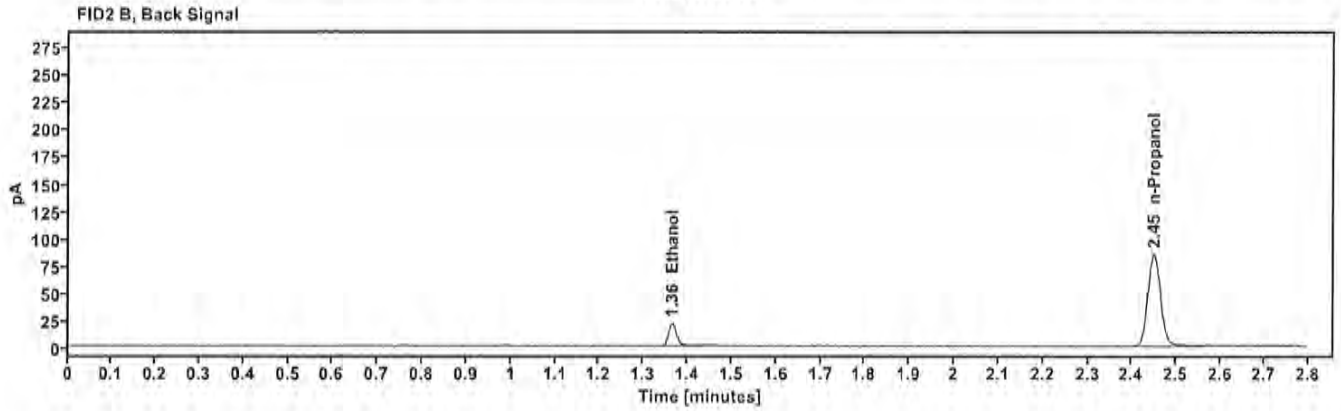

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.217	23.403
n-Propanol	-----	2.027	155.973

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	25.557
n-Propanol	2.449	169.419

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	**Vial:**	9
Description:	0.203	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:26:45 PM
Data file:	C:\Chem32\1\Data\28May25\9.D	**Analyst:**	Canonico EC

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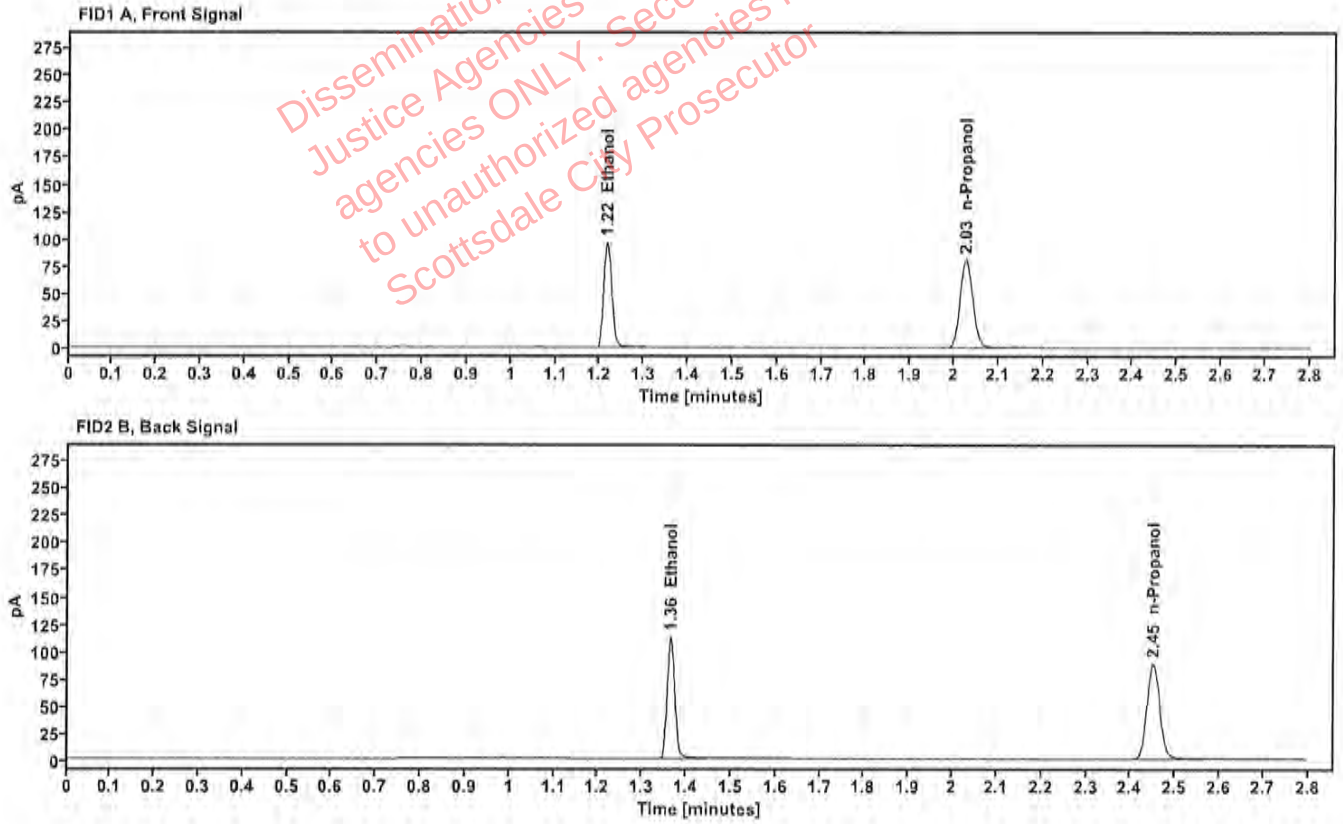

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2024	1.216	123.339
n-Propanol	----	2.027	161.965

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	135.206
n-Propanol	2.450	176.111

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	**Vial:**	20
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:11:15 PM
Data file:	C:\Chem32\1\Data\28May25\20.D	**Analyst:**	Canonico EC

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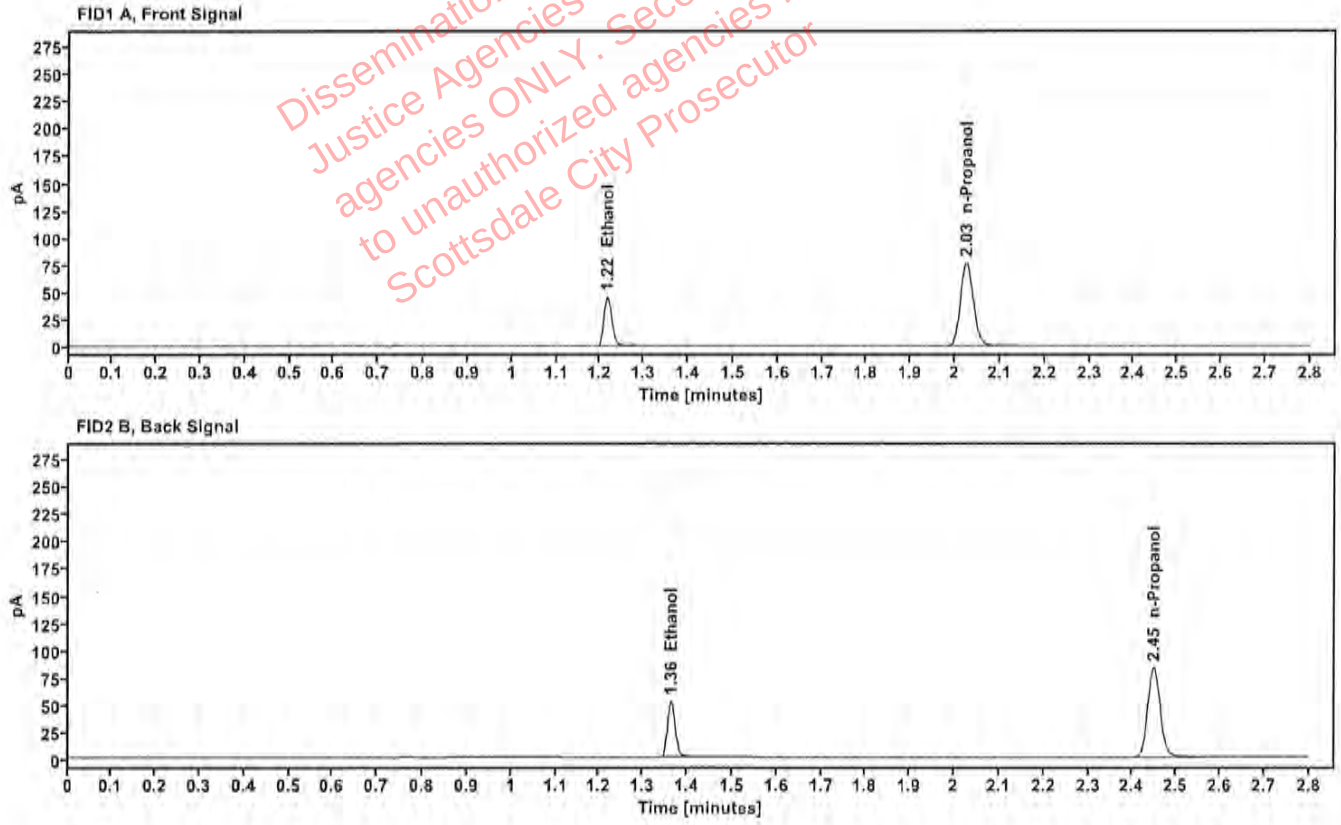

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1008	1.216	57.652
n-Propanol	——	2.026	153.219

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.363	63.220
n-Propanol	2.448	166.165

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	**Vial:**	31
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:55:45 PM
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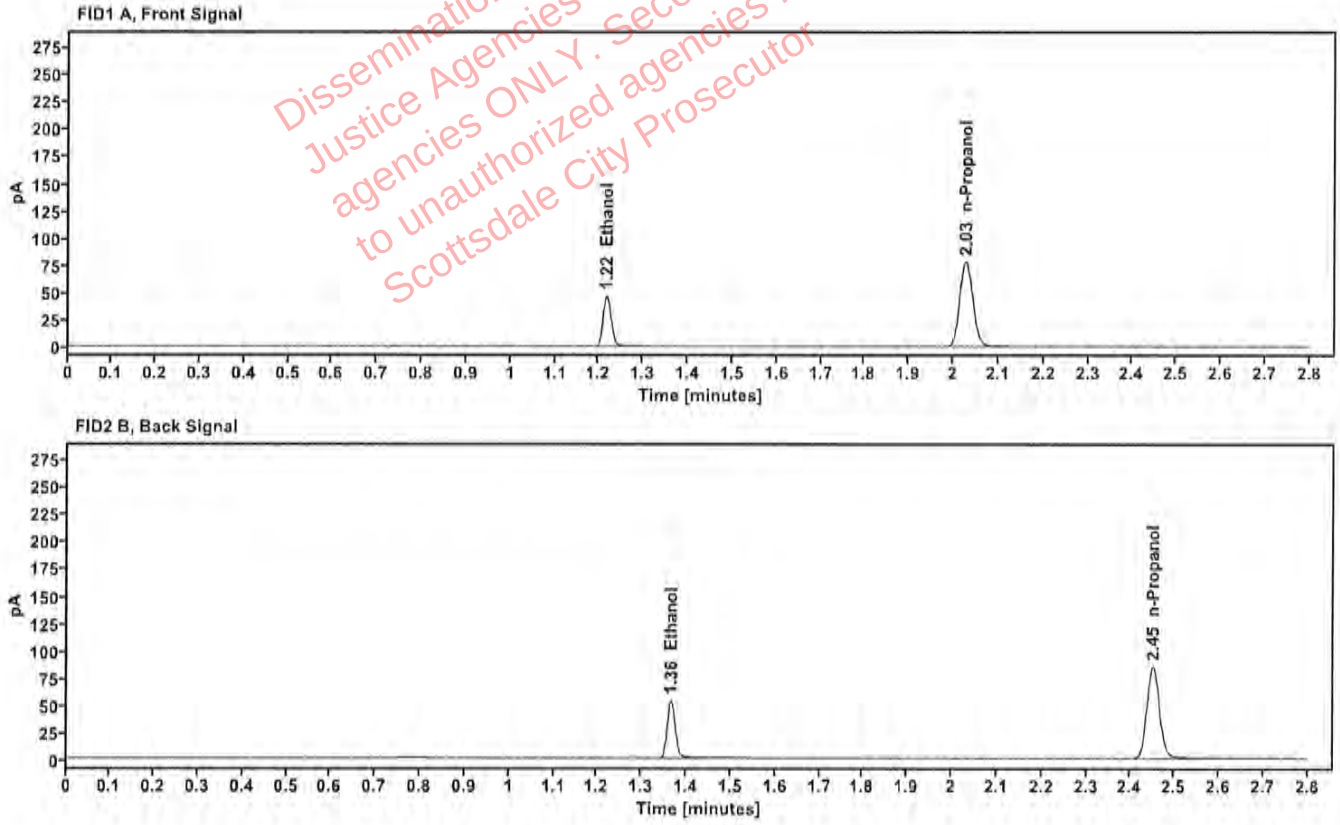

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1013	1.217	59.438
n-Propanol	------	2.027	157.233

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	65.112
n-Propanol	2.451	170.419

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	**Vial:**	42
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:40:01 PM
Data file:	C:\Chem32\1\Data\28May25\42.D	**Analyst:**	Canonico EC

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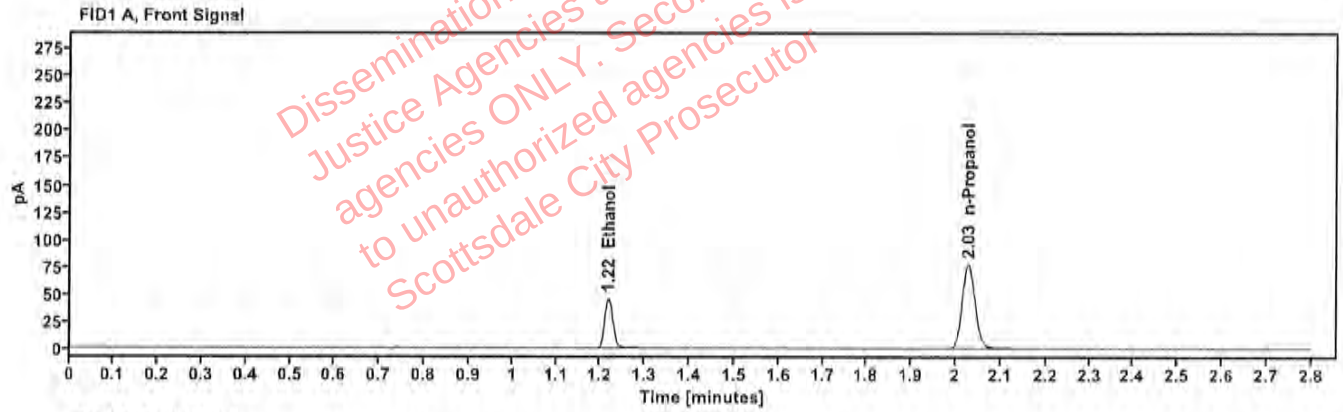

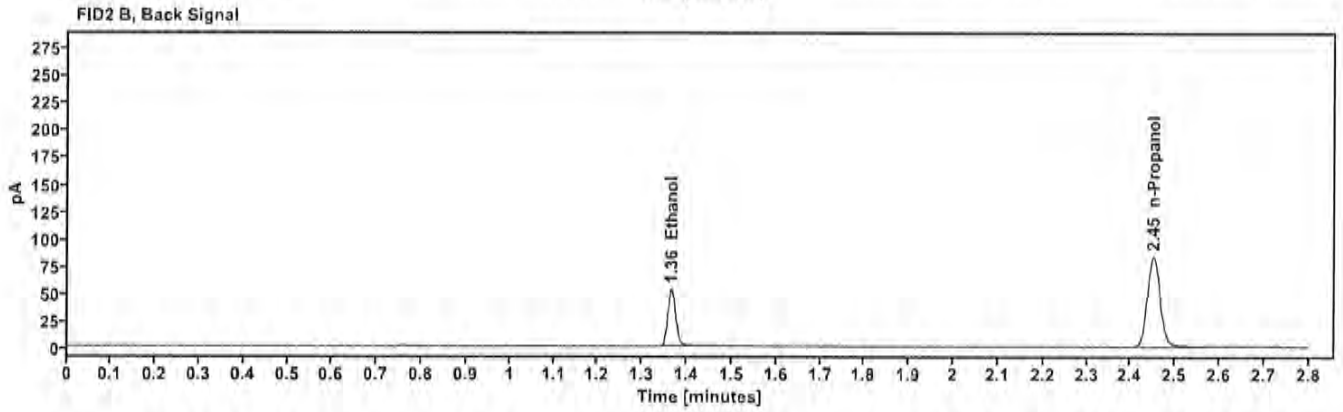

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1013	1.217	58.517
n-Propanol	----	2.027	154.756

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	63.867
n-Propanol	2.451	167.873

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	**Vial:**	53
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:24:31 PM
Data file:	C:\Chem32\1\Data\28May25\53.D	**Analyst:**	Canonico EC

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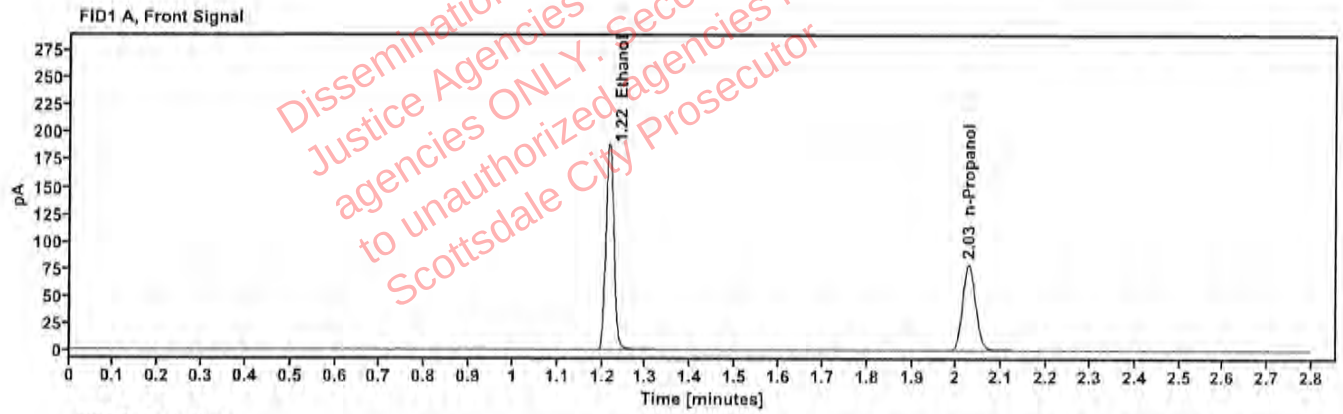

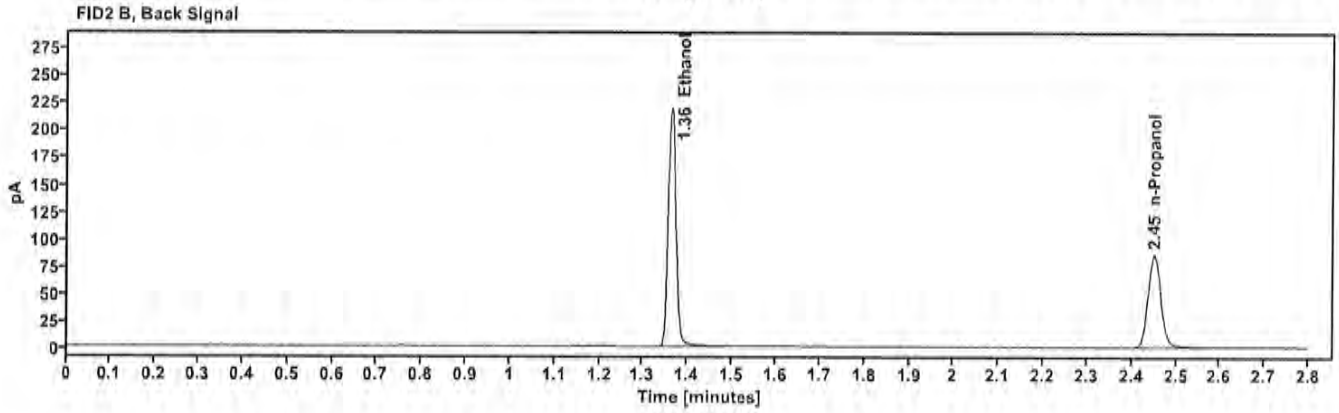

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4027	1.215	241.068
n-Propanol	------	2.027	158.422

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	265.643
n-Propanol	2.450	171.726

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	**Vial:**	54
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:28:31 PM
Data file:	C:\Chem32\1\Data\28May25\54.D	**Analyst:**	Canonico EC

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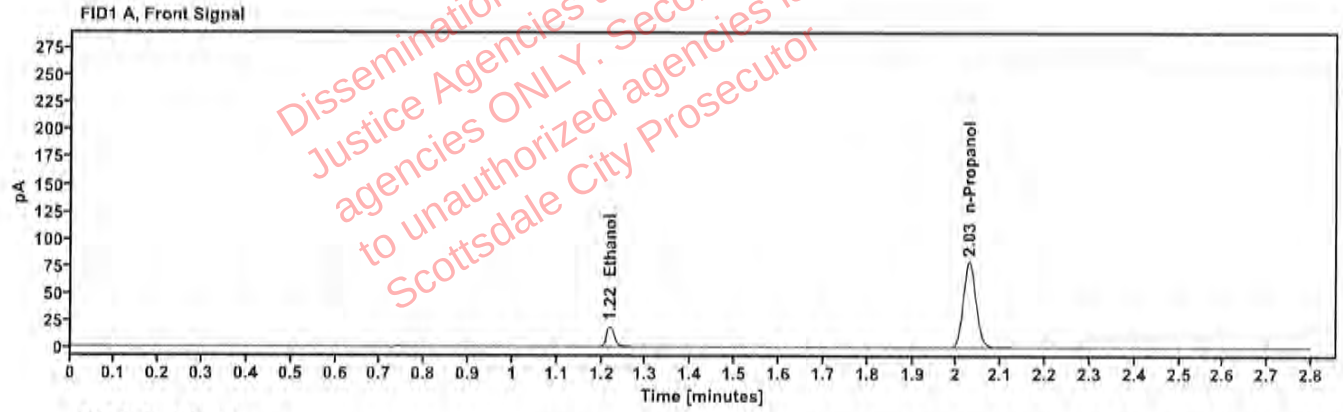

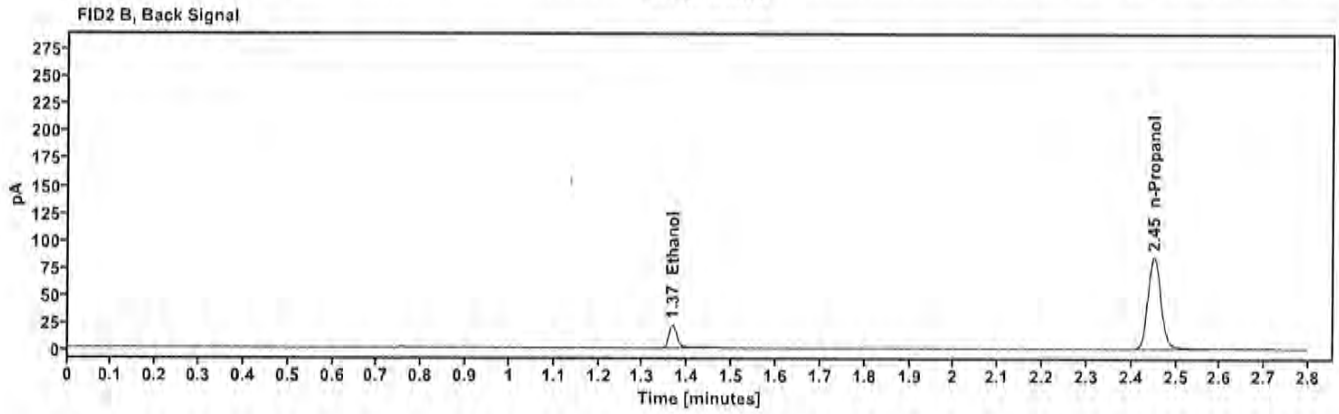

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.218	23.915
n-Propanol	-----	2.028	157.790

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	26.121
n-Propanol	2.451	170.969

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	**Vial:**	55
Description:	0.203	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:32:45 PM
Data file:	C:\Chem32\1\Data\28May25\55.D	**Analyst:**	Canonico

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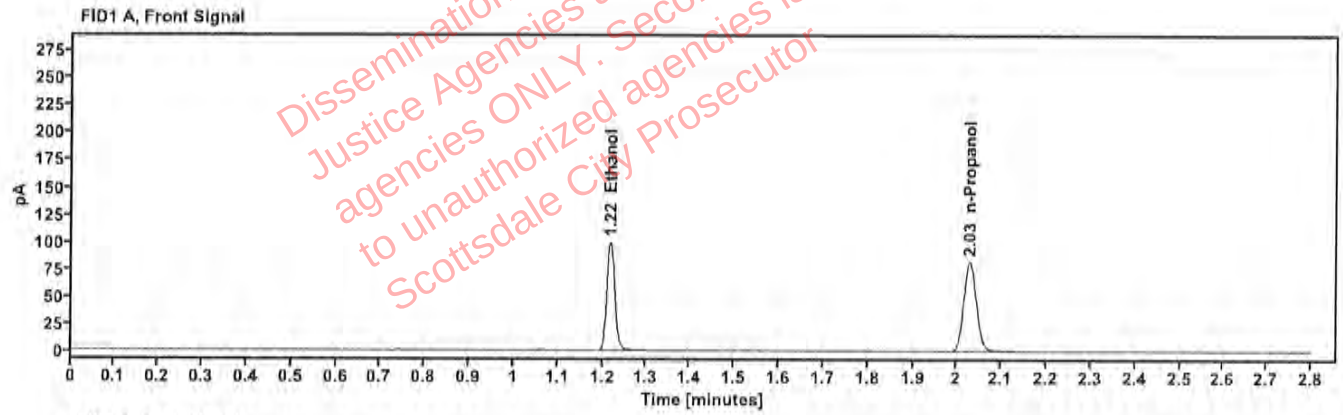

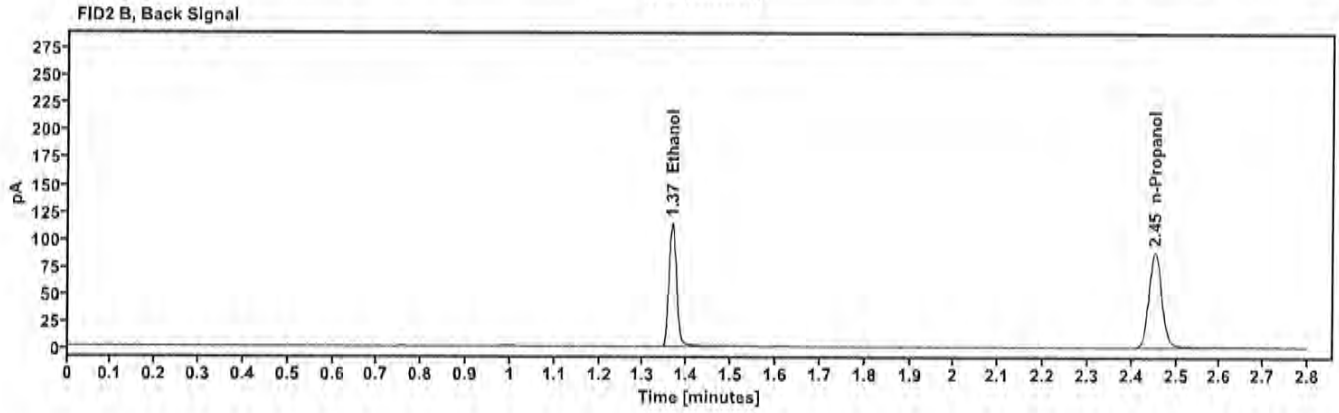

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2055	1.217	126.565
n-Propanol	----	2.029	163.604

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	139.251
n-Propanol	2.452	177.443

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	032725AQ	**Vial:**	56
Description:	Negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:36:45 PM
Data file:	C:\Chem32\1\Data\28May25\56.D	**Analyst:**	Canonico

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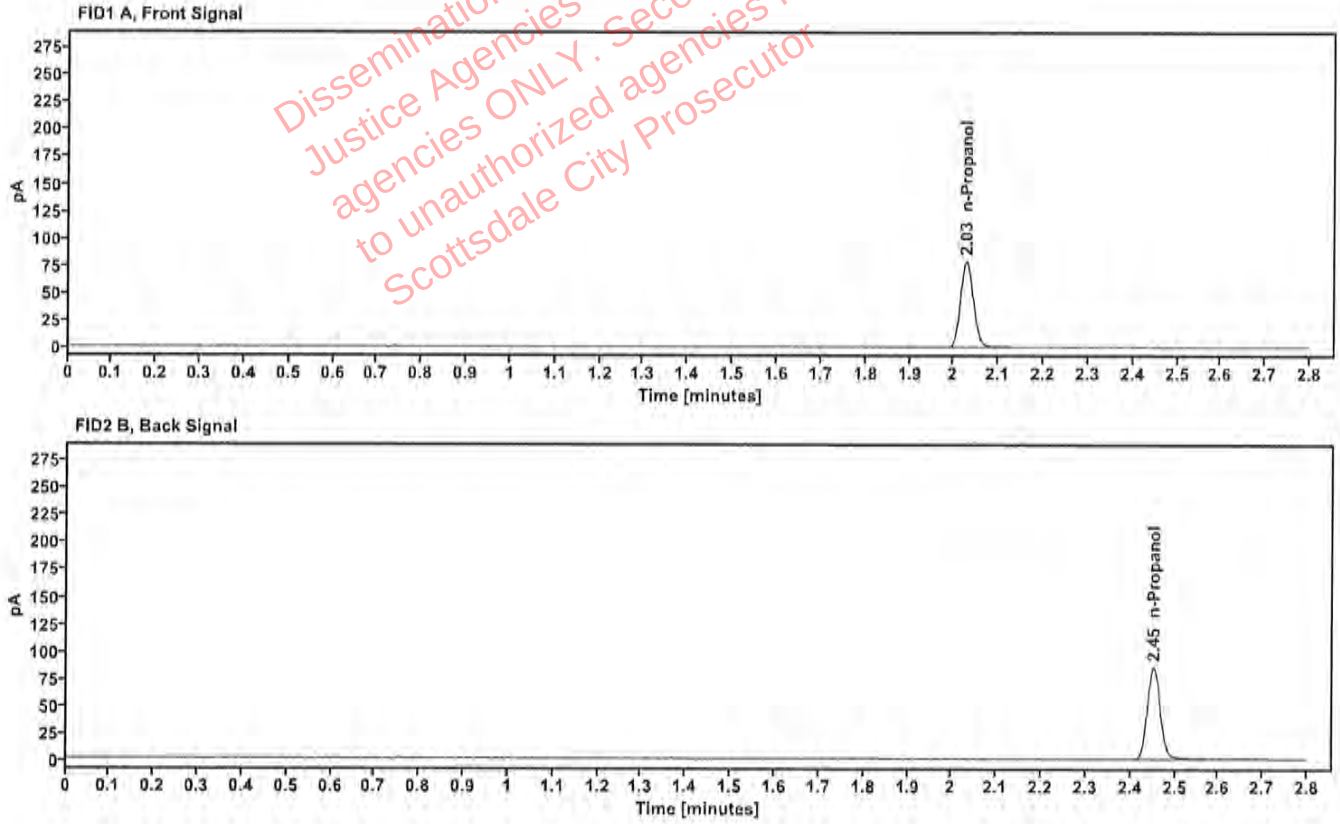

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.028	158.127

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.452	171.440

Sequence Summary

Sequence name: 28May25 **Instrument:** US14173023 CN14160045 **Analyst:** Canonico EQ

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Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	[redacted]			ethanol quant.M
2	FN03072301				ethanol quant.M
3	FN03132302				ethanol quant.M
4	FN03052102				ethanol quant.M
5	111224WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4130622206/10	0.203	Control		ethanol quant.M
10	2509304-1	[redacted]			ethanol quant.M
11	2509304-1				ethanol quant.M
12	409-01C.M.				ethanol quant.M
13	409-01C.M.				ethanol quant.M
14	404-01S.S.				ethanol quant.M
15	404-01S.S.				ethanol quant.M
16	447-01A.G.				ethanol quant.M
17	447-01A.G.				ethanol quant.M
18	441-01O.N.				ethanol quant.M
19	441-01O.N.				ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	VIAL00271	[redacted]			ethanol quant.M
22	VIAL00271				ethanol quant.M
23	VIAL00239				ethanol quant.M
24	VIAL00239				ethanol quant.M
25	VIAL00189				ethanol quant.M
26	VIAL00189				ethanol quant.M
27	VIAL00121				ethanol quant.M
28	VIAL00121				ethanol quant.M
29	2422120-2				ethanol quant.M
30	2422120-2				ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2510548-4	[redacted]			ethanol quant.M
33	2510548-4				ethanol quant.M
34	2510416-1				ethanol quant.M
35	2510416-1				ethanol quant.M
36	2509904-1				ethanol quant.M
37	2509904-1				ethanol quant.M
38	2510683-1				ethanol quant.M
39	2510683-1				ethanol quant.M
40	2510558-1				ethanol quant.M
41	2510558-1				ethanol quant.M
42	517758	0.100	Control		ethanol quant.M
43	2510602-2	[redacted]			ethanol quant.M
44	2510602-2				ethanol quant.M
45	2510627-1				ethanol quant.M
46	2510627-1				ethanol quant.M
47	2510632-2				ethanol quant.M

Sequence Summary

EQ

48	2510632-2	[redacted]			ethanol quant.M
49	2510220-2				ethanol quant.M
50	2510220-2				ethanol quant.M
51	2510410-2				ethanol quant.M
52	2510410-2				ethanol quant.M
53	12052023-B	0.400	Control		ethanol quant.M
54	518018	0.040	Control		ethanol quant.M
55	4130622206/10	0.203	Control		ethanol quant.M
56	032725AQ	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory
Summary of Cases

SEQUENCE NAME: 28May25 ANALYST: Canonico EC

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1977	0.1962	0.19695	0.38	0.00075
12 13	0.0725	0.0719	0.07220	0.42	0.00030
14 15	0.1873	0.1882	0.18775	0.24	0.00045
16 17	0.1041	0.1042	0.10415	0.05	0.00005
18 19	0.2032	0.2035	0.20335	0.07	0.00015
21 22	0.2001	0.1990	0.19955	0.28	0.00055
23 24	0.1522	0.1517	0.15195	0.16	0.00025
25 26	0.0820	0.0817	0.08185	0.18	0.00015
27 28	0.0000	0.0000	0.00000	0.00	0.00000
29 30	0.0987	0.0992	0.09895	0.25	0.00025
32 33	0.2813	0.2809	0.28110	0.07	0.00020
34 35	0.1487	0.1486	0.14865	0.03	0.00005
36 37	0.1930	0.1923	0.19265	0.18	0.00035
38 39	0.2180	0.2178	0.21790	0.05	0.00010
40 41	0.1571	0.1575	0.15730	0.13	0.00020
43 44	0.2903	0.2911	0.29070	0.14	0.00040
45 46	0.1282	0.1280	0.12810	0.08	0.00010
47 48	0.1774	0.1772	0.17730	0.06	0.00010
49 50	0.1192	0.1185	0.11885	0.29	0.00035
51 52	0.2492	0.2484	0.24880	0.16	0.00040

*Calculated differences are differences from the mean of the two results.

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Scottsdale Forensic Lab
Blood Alcohol Pipetting Log

ANALYST: Canonico **SEQUENCE:** 28May25

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2509304-1	2509304-1	2509304-1	Yes
Vials 12 and 13	409-01C.M.	409-01C.M.	409-01C.M.	Yes
Vials 14 and 15	404-01S.S.	404-01S.S.	404-01S.S.	Yes
Vials 16 and 17	447-01A.G.	447-01A.G.	447-01A.G.	Yes
Vials 18 and 19	441-01O.N.	441-01O.N.	441-01O.N.	Yes
Vials 21 and 22	VIAL00271	VIAL00271	VIAL00271	Yes
Vials 23 and 24	VIAL00239	VIAL00239	VIAL00239	Yes
Vials 25 and 26	VIAL00189	VIAL00189	VIAL00189	Yes
Vials 27 and 28	VIAL00121	VIAL00121	VIAL00121	Yes
Vials 29 and 30	2422120-2	2422120-2	2422120-2	Yes
Vials 32 and 33	2510548-4	2510548-4	2510548-4	Yes
Vials 34 and 35	2510416-1	2510416-1	2510416-1	Yes
Vials 36 and 37	2509904-1	2509904-1	2509904-1	Yes
Vials 38 and 39	2510683-1	2510683-1	2510683-1	Yes
Vials 40 and 41	2510558-1	2510558-1	2510558-1	Yes
Vials 43 and 44	2510602-2	2510602-2	2510602-2	Yes
Vials 45 and 46	2510627-1	2510627-1	2510627-1	Yes
Vials 47 and 48	2510632-2	2510632-2	2510632-2	Yes
Vials 49 and 50	2510220-2	2510220-2	2510220-2	Yes
Vials 51 and 52	2510410-2	2510410-2	2510410-2	Yes

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[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509304-1	**Vial:**	10
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:30:44 PM
Data file:	C:\Chem32\1\Data\28May25\10.D	**Analyst:**	Canonico

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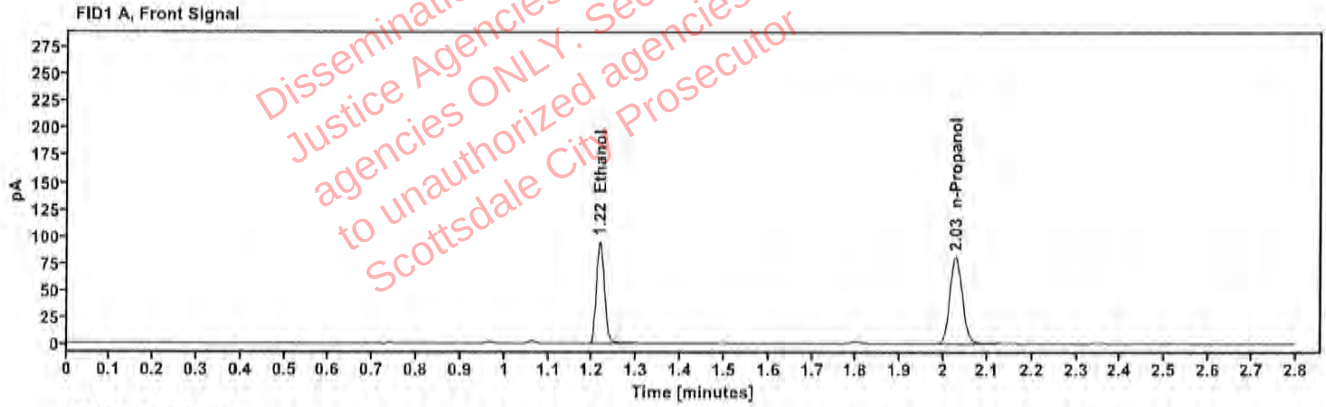

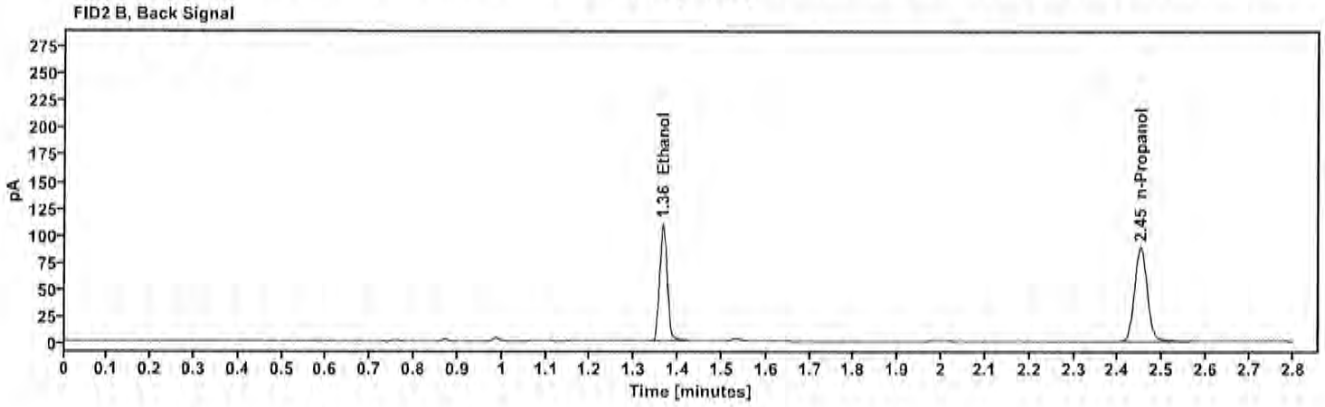

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1977	1.216	120.351
n-Propanol	-----	2.027	161.774

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	131.998
n-Propanol	2.451	175.617

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509304-1	**Vial:**	11
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:34:45 PM
Data file:	C:\Chem32\1\Data\28May25\11.D	**Analyst:**	Canonico

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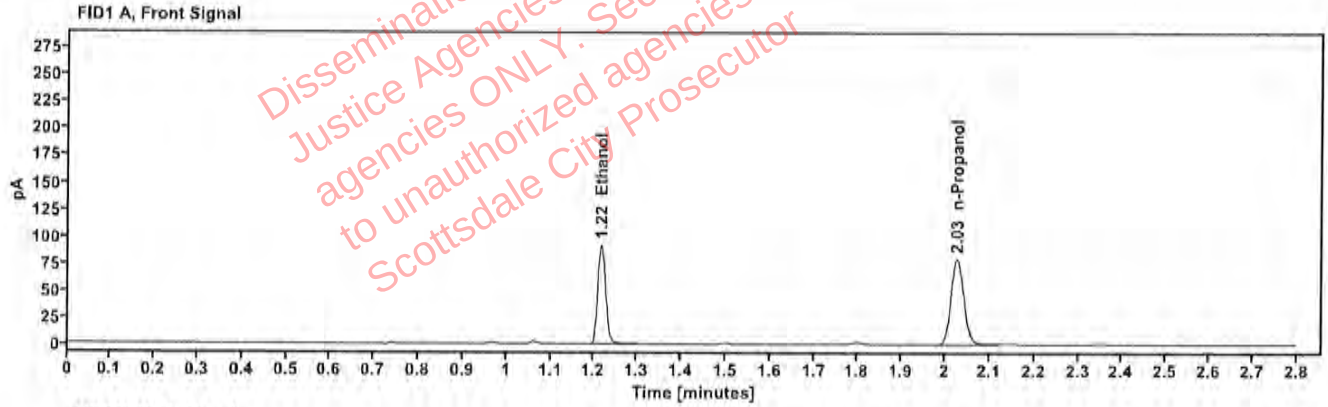

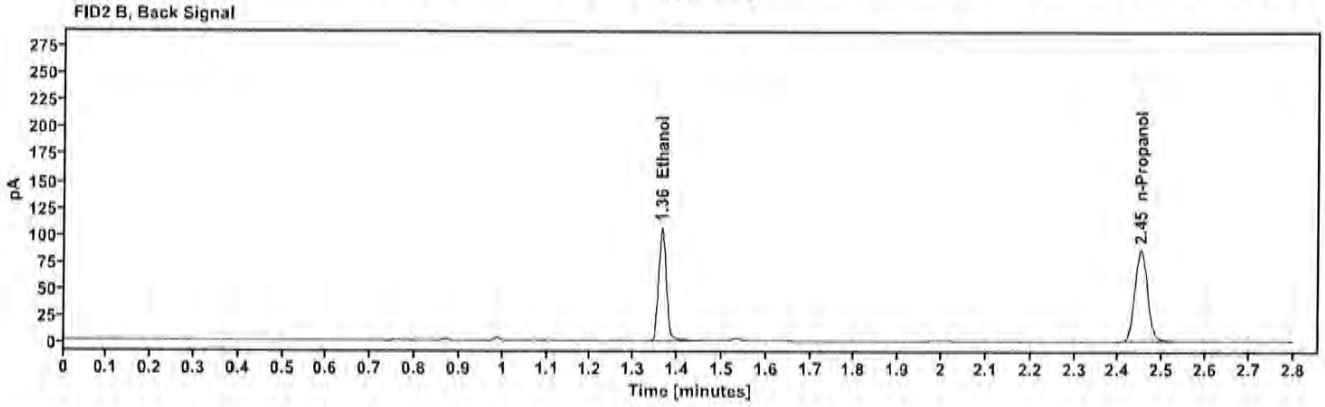

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1962	1.216	117.265
n-Propanol	——	2.027	158.851

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	128.745
n-Propanol	2.450	172.418

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01C.M.	**Vial:**	12
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:38:45 PM
Data file:	C:\Chem32\1\Data\28May25\12.D	**Analyst:**	Canonico

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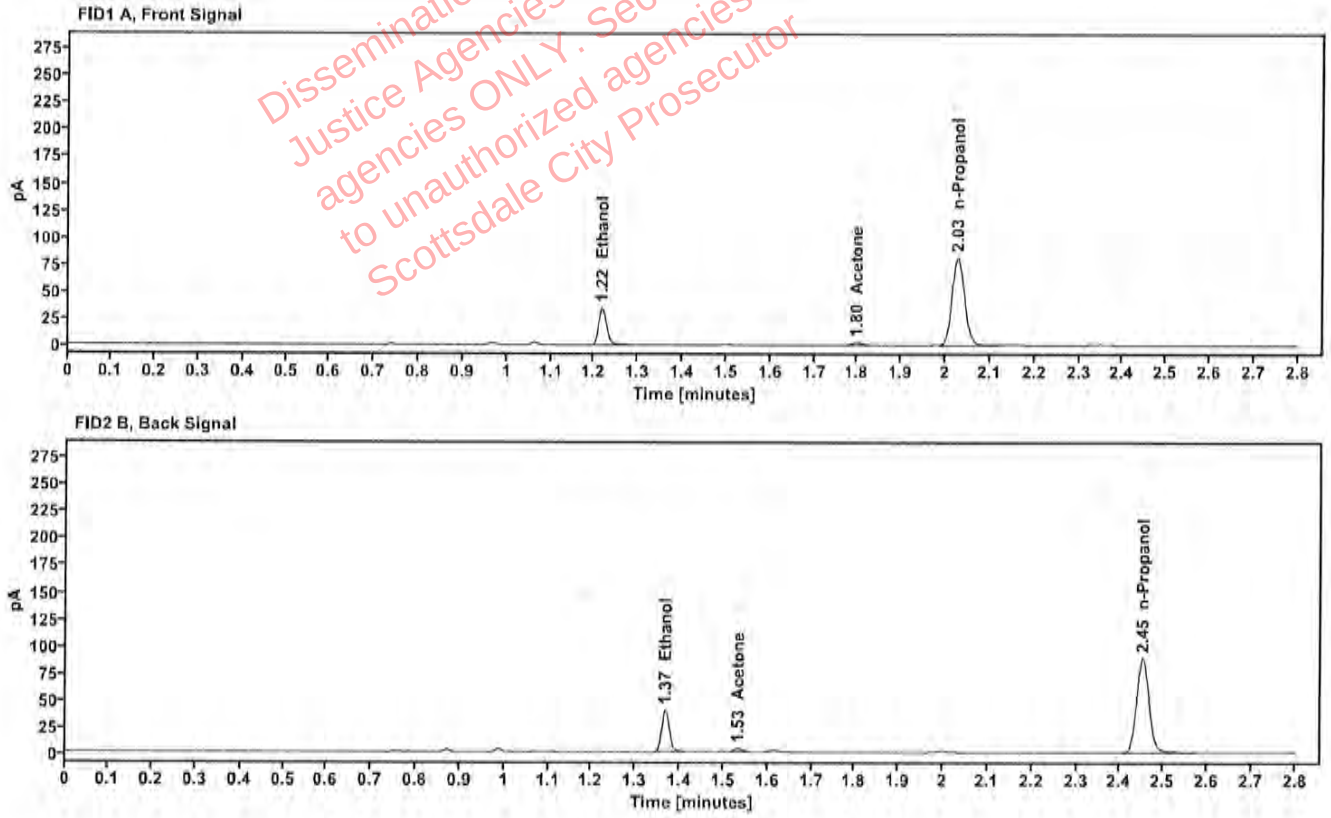

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0725	1.218	43.997
Acetone	——	1.798	4.164
n-Propanol	——	2.028	163.619

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	48.393
Acetone	1.533	4.540
n-Propanol	2.451	177.439

[redacted] Canonico, Erika - (29-May-2025)

Case[redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01C.M.	**Vial:**	13
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:43:00 PM
Data file:	C:\Chem32\1\Data\28May25\13.D	**Analyst:**	Canonico

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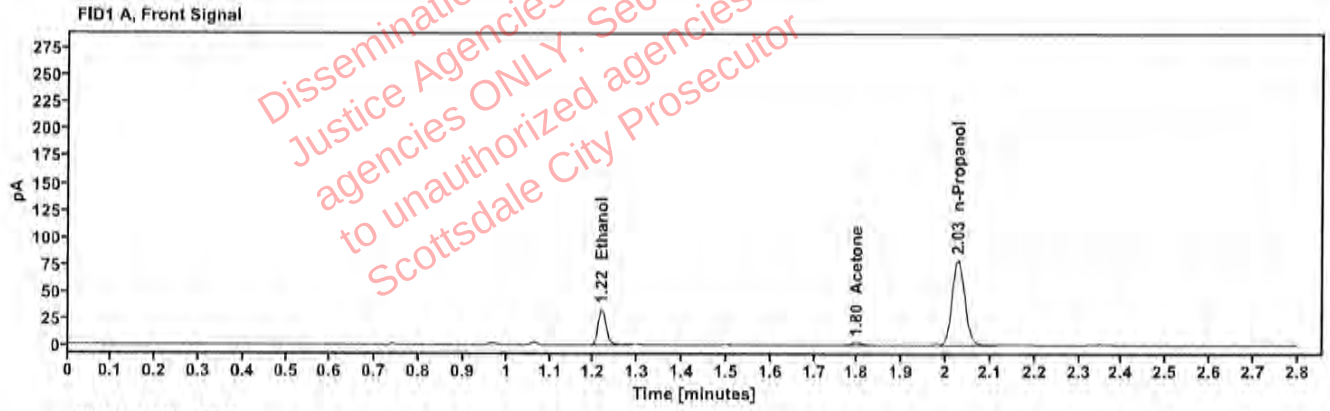

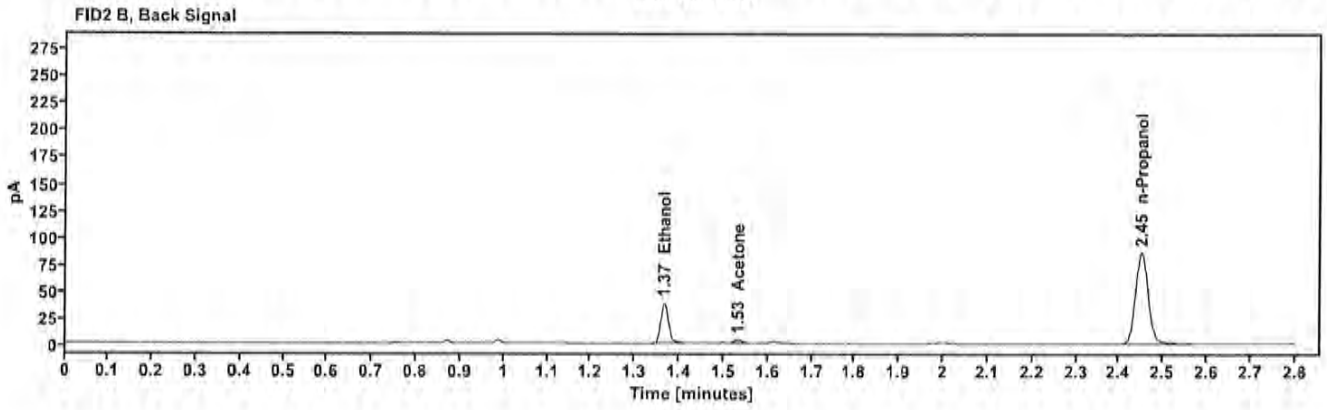

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0719	1.218	42.264
Acetone	-----	1.797	4.137
n-Propanol	-----	2.027	158.505

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	46.607
Acetone	1.532	4.552
n-Propanol	2.451	171.819

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01S.S.	**Vial:**	14
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:47:00 PM
Data file:	C:\Chem32\1\Data\28May25\14.D	**Analyst:**	Canonico

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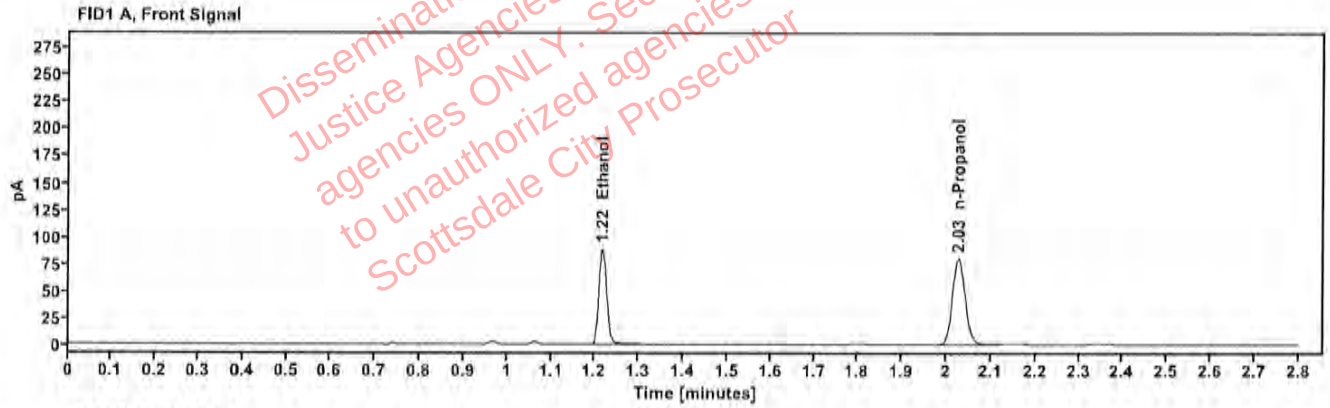

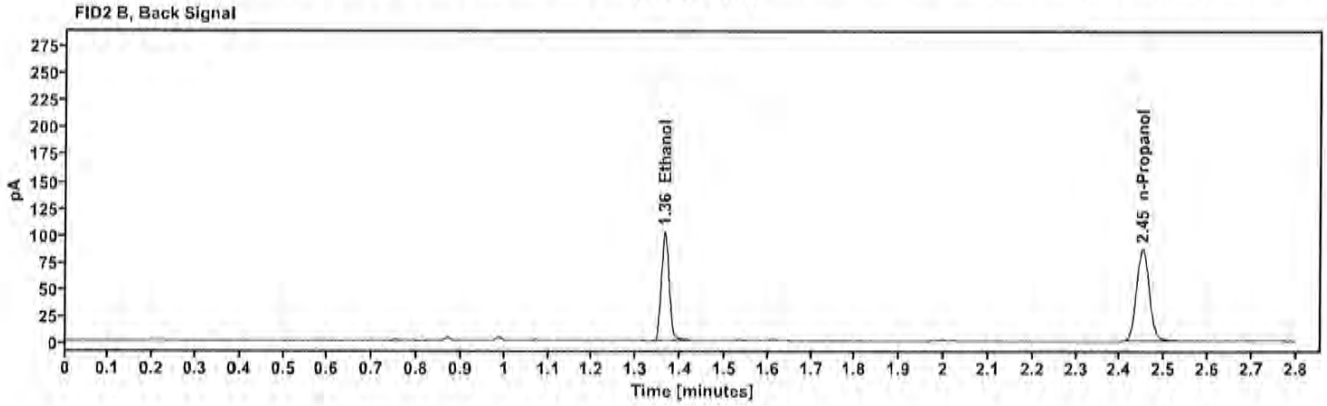

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1873	1.216	112.956
n-Propanol	-----	2.027	160.329

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	123.992
n-Propanol	2.450	173.413

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01S.S.	**Vial:**	15
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:51:00 PM
Data file:	C:\Chem32\1\Data\28May25\15.D	**Analyst:**	Canonico

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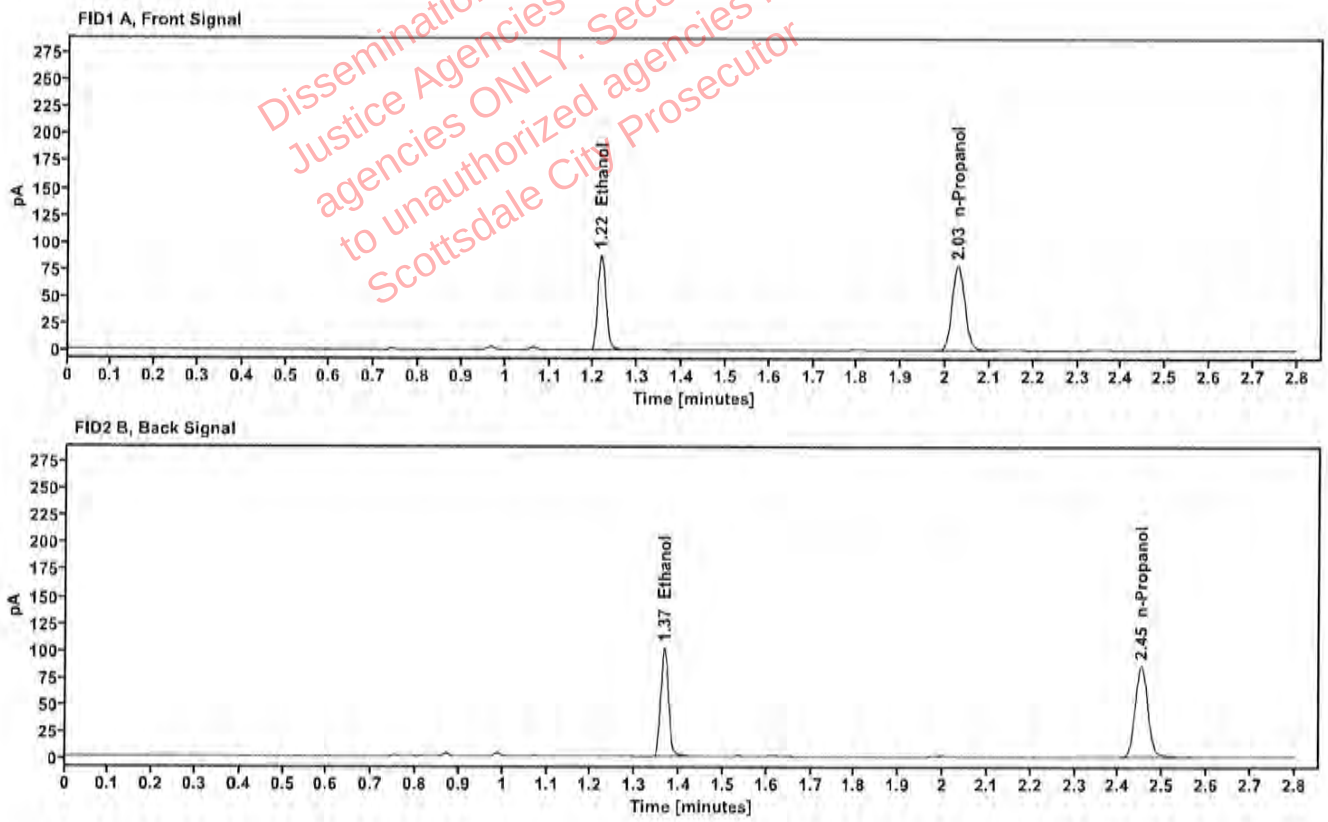

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1882	1.217	112.270
n-Propanol	——	2.028	158.642

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	123.194
n-Propanol	2.451	171.534

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	447-01A.G.	**Vial:**	16
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:55:00 PM
Data file:	C:\Chem32\1\Data\28May25\16.D	**Analyst:**	Canonico

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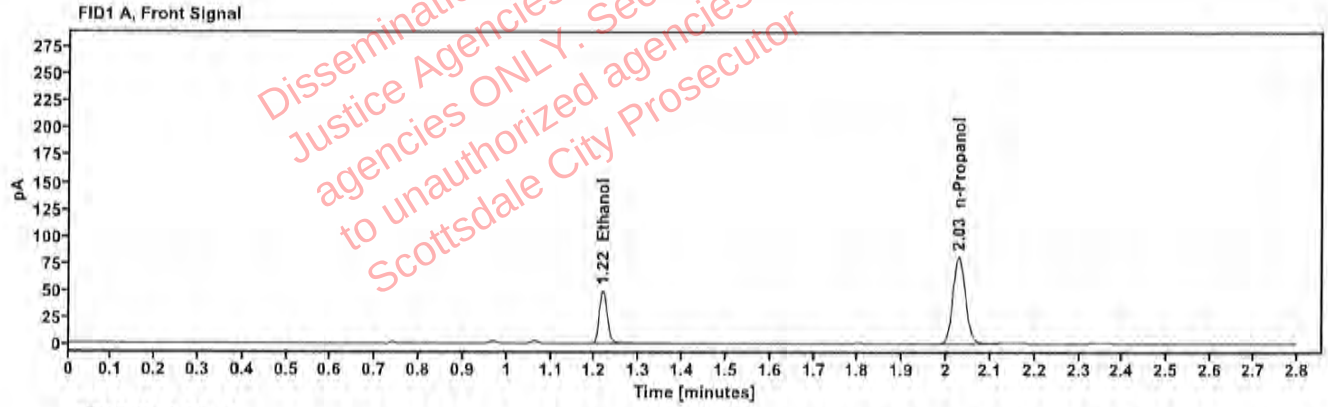

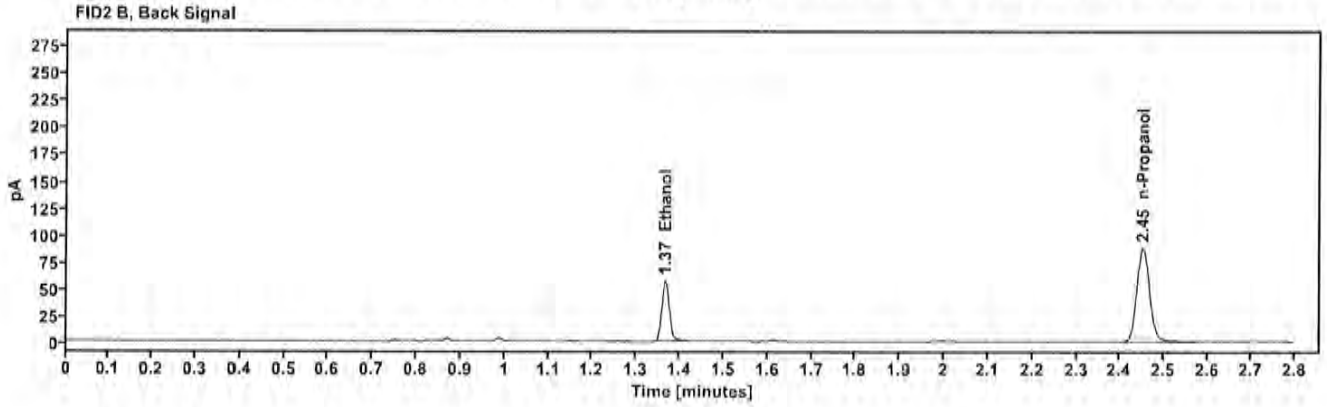

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1041	1.218	62.930
n-Propanol	——	2.028	161.912

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	69.102
n-Propanol	2.452	176.450

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	447-01A.G.	**Vial:**	17
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 2:59:00 PM
Data file:	C:\Chem32\1\Data\28May25\17.D	**Analyst:**	Canonico

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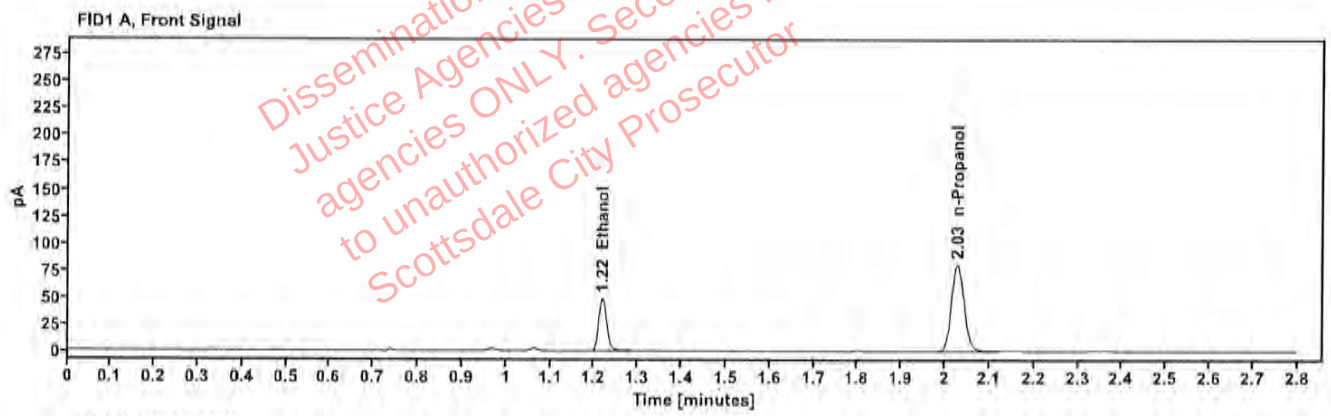

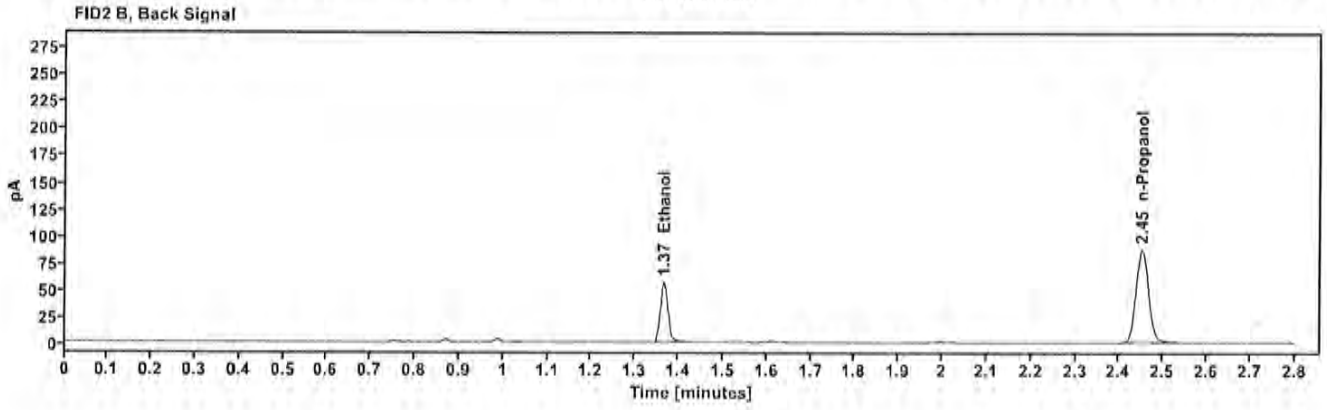

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1042	1.218	62.451
n-Propanol	——	2.028	160.464

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	68.346
n-Propanol	2.451	174.580

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	441-01O.N.	**Vial:**	18
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:03:00 PM
Data file:	C:\Chem32\1\Data\28May25\18.D	**Analyst:**	Canonico

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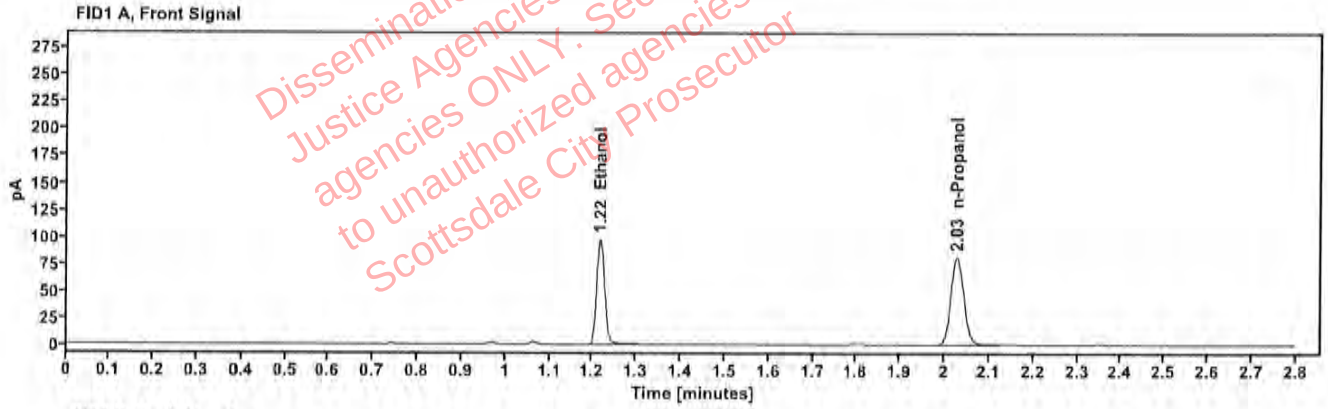

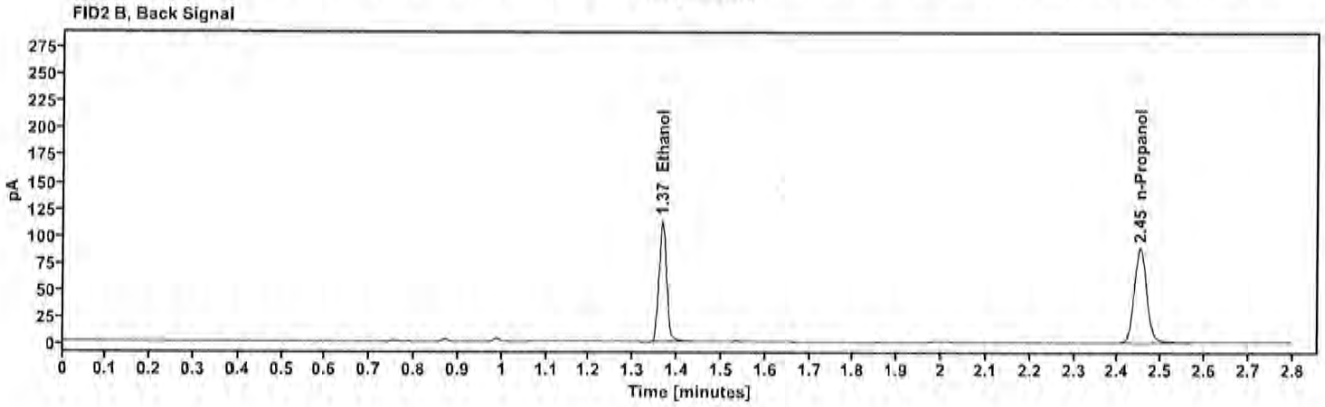

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.217	124.543
n-Propanol	——	2.028	162.903

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	136.520
n-Propanol	2.451	176.821

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	441-01O.N.	**Vial:**	19
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:07:15 PM
Data file:	C:\Chem32\1\Data\28May25\19.D	**Analyst:**	Canonico

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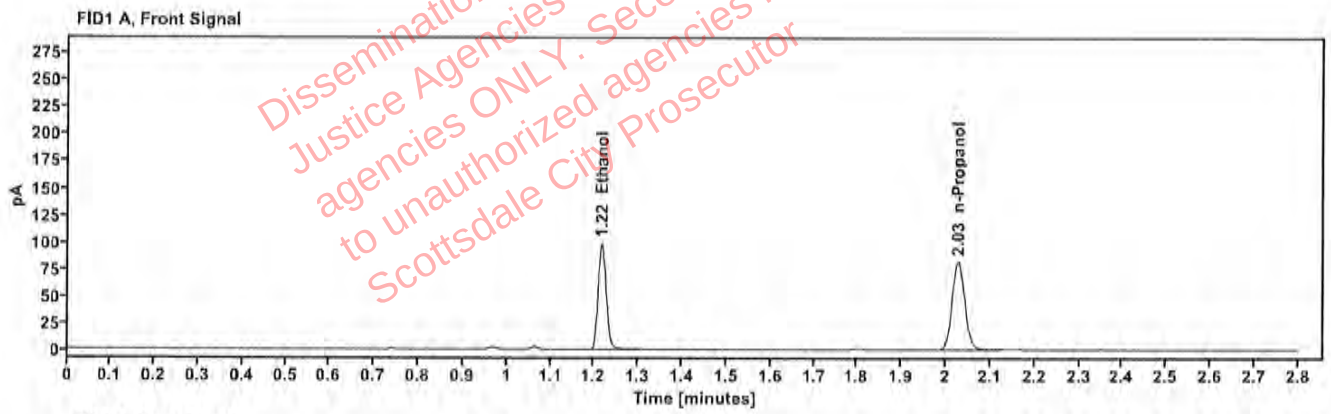

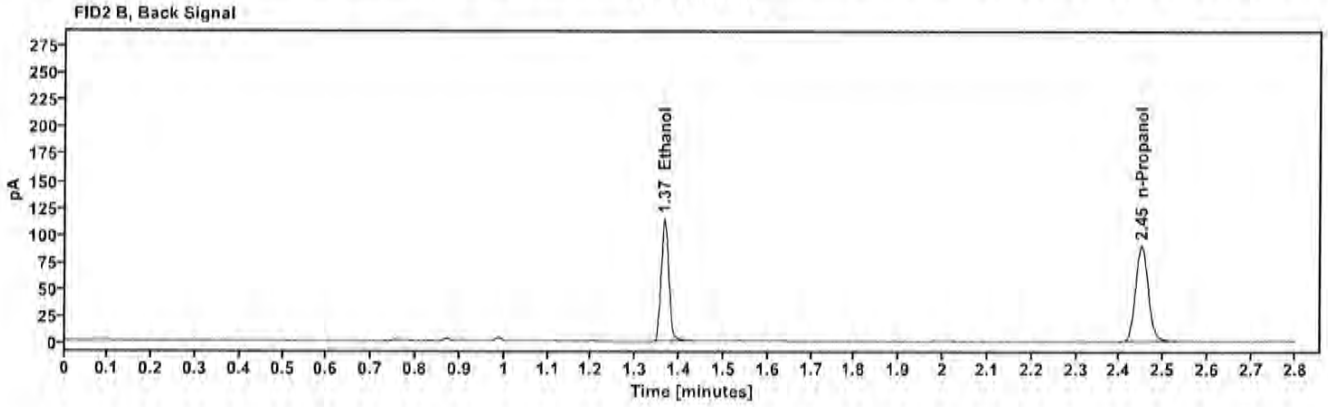

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2035	1.217	125.895
n-Propanol	——	2.027	164.357

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	137.991
n-Propanol	2.451	178.259

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00271	**Vial:**	21
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:15:14 PM
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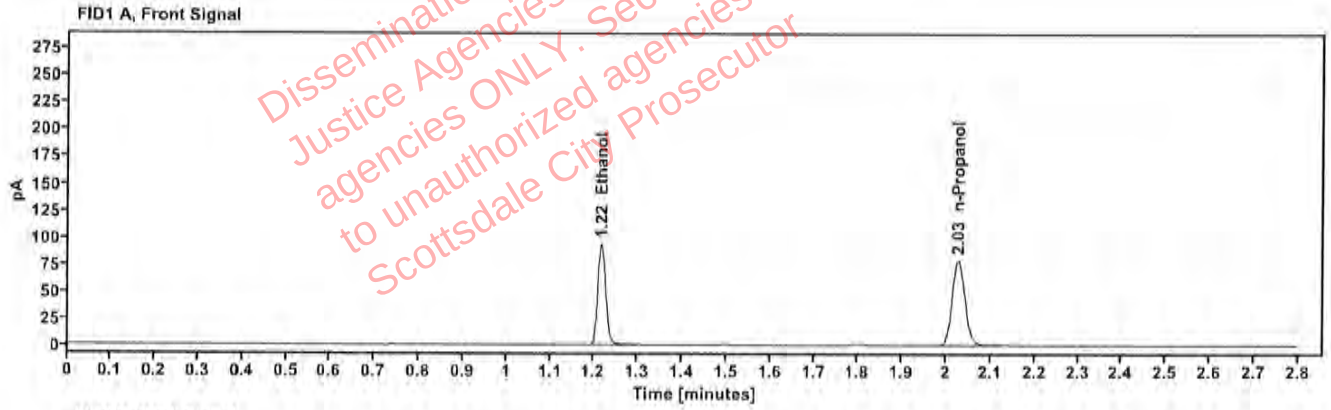

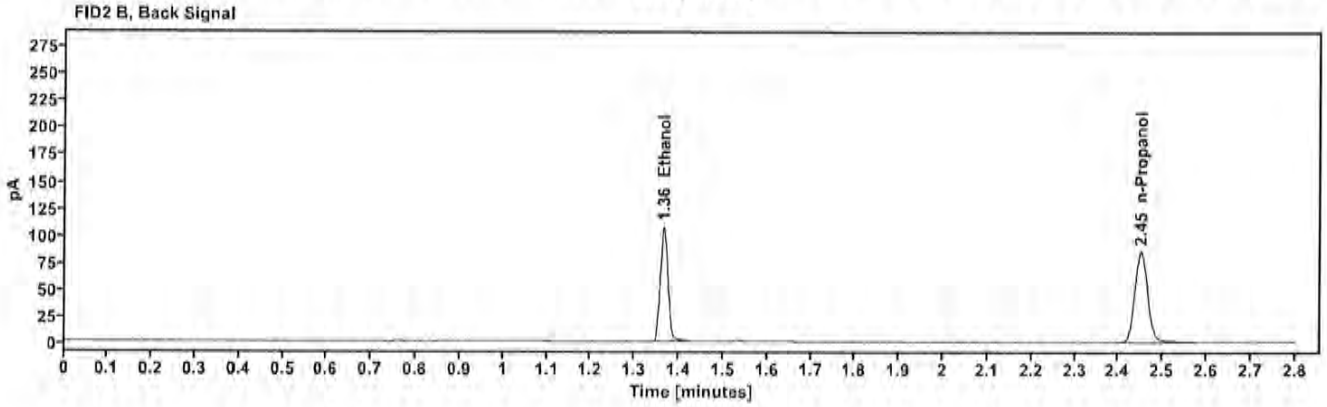

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2001	1.216	119.061
n-Propanol	------	2.027	158.113

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	130.224
n-Propanol	2.450	171.599

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00271	**Vial:**	22
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:19:14 PM
Data file:	C:\Chem32\1\Data\28May25\22.D	**Analyst:**	Canonico

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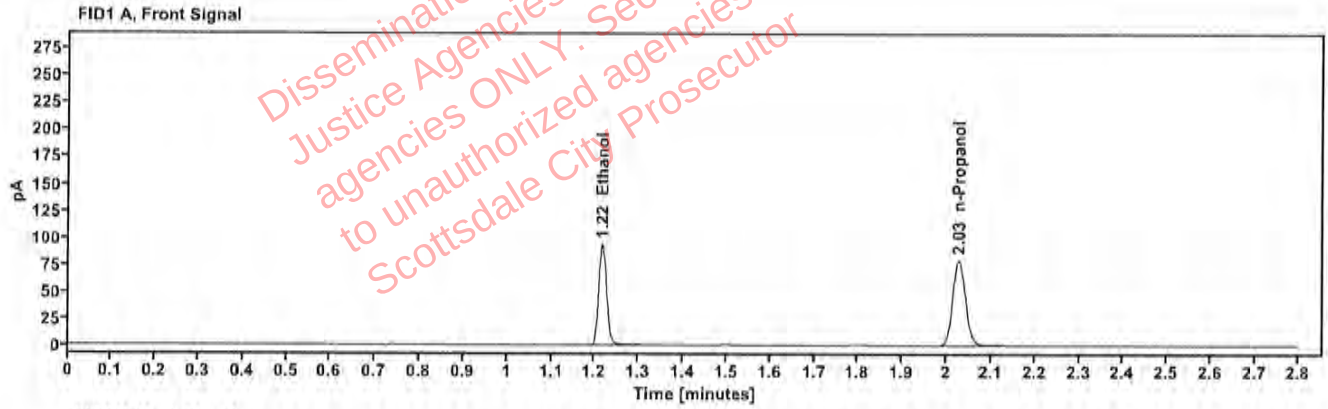

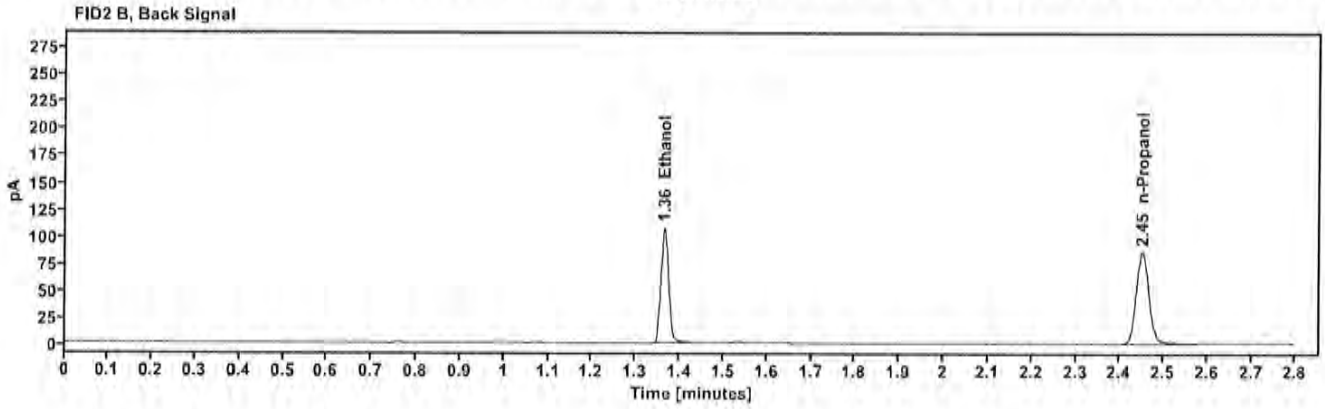

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1990	1.216	118.972
n-Propanol	-----	2.027	158.866

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	130.074
n-Propanol	2.450	172.400

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00239	**Vial:**	23
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:23:15 PM
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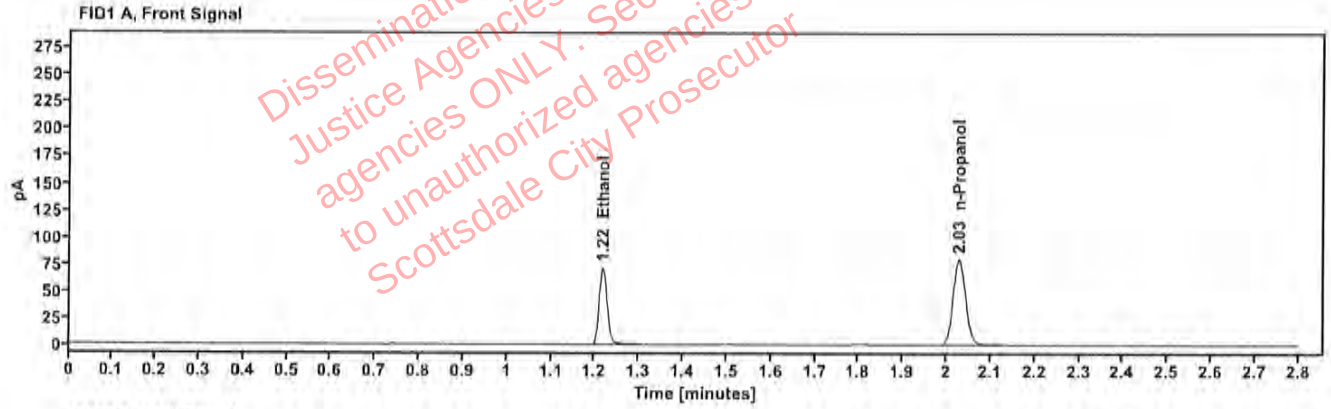

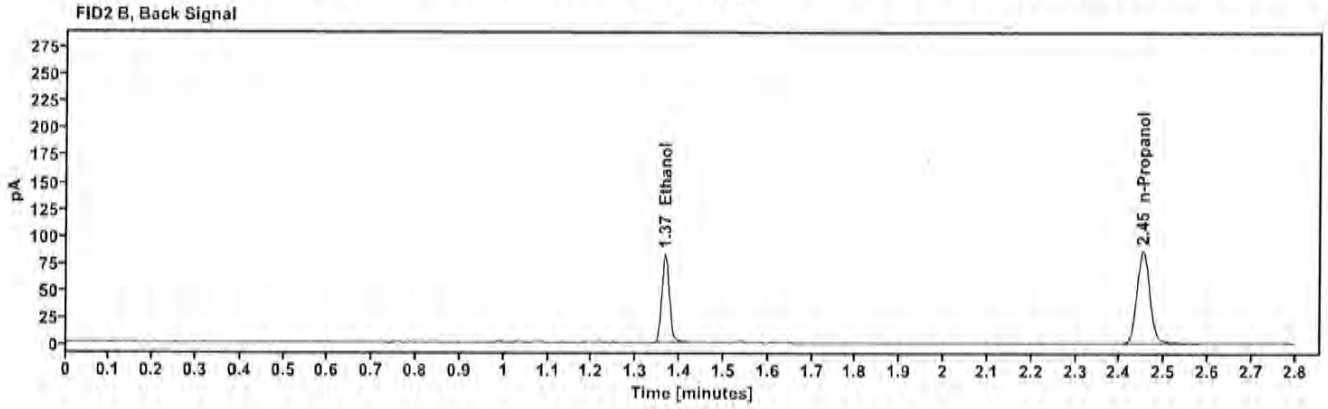

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1522	1.217	91.275
n-Propanol	——	2.028	159.792

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	99.509
n-Propanol	2.452	173.236

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00239	**Vial:**	24
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:27:15 PM
Data file:	C:\Chem32\1\Data\28May25\24.D	**Analyst:**	Canonico

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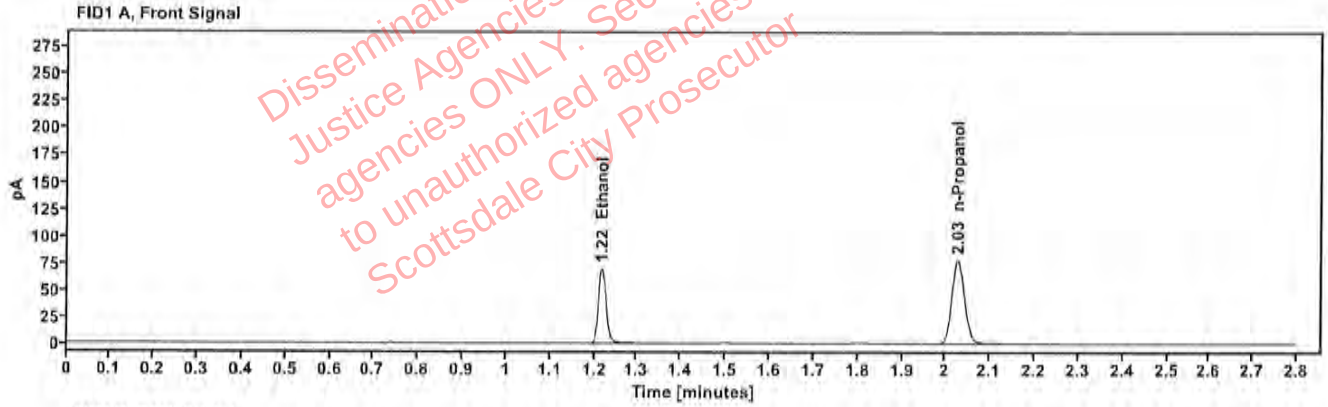

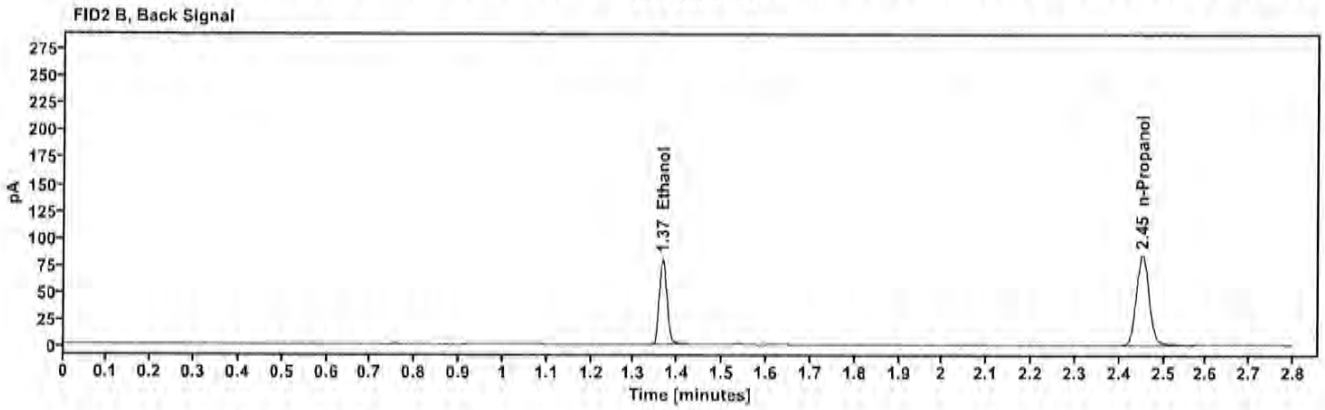

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1517	1.217	88.921
n-Propanol	——	2.028	156.229

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	96.956
n-Propanol	2.452	169.236

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00189	**Vial:**	25
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:31:30 PM
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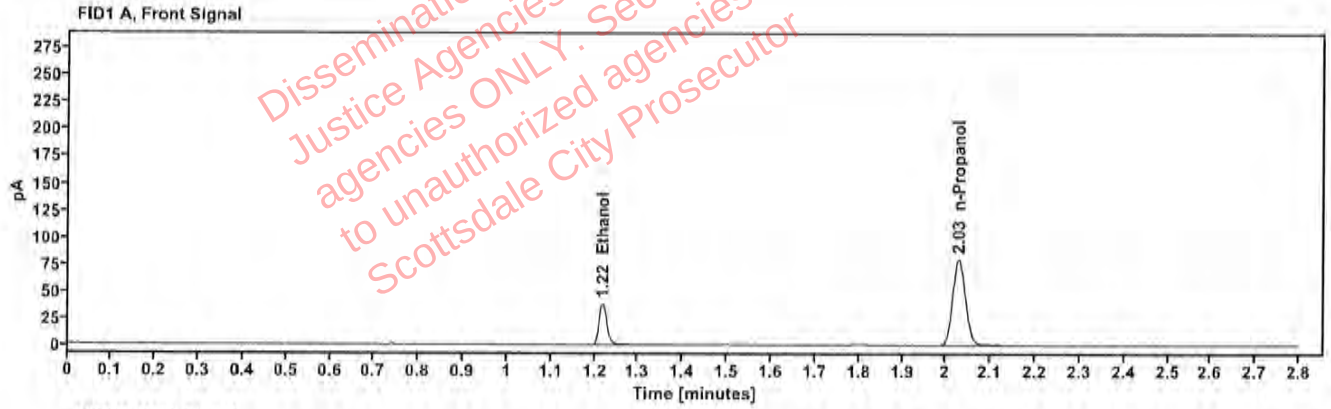

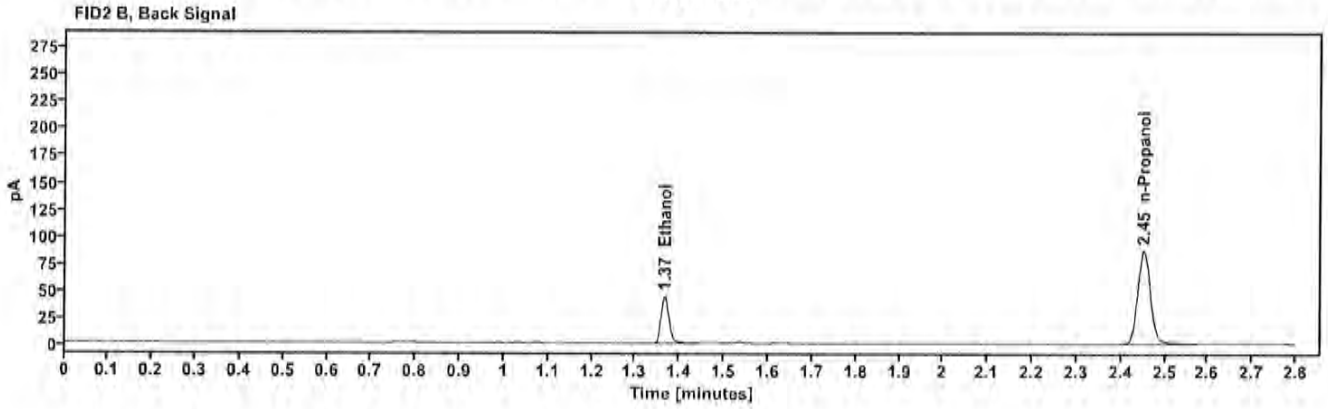

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0820	1.218	48.902
n-Propanol	——	2.028	160.321

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	53.317
n-Propanol	2.452	173.949

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00189	**Vial:**	26
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:35:30 PM
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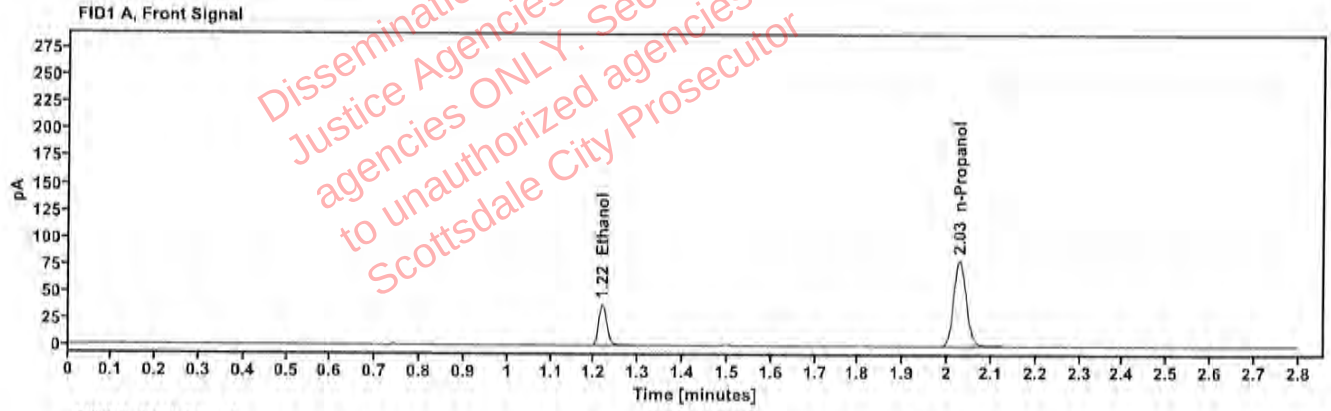

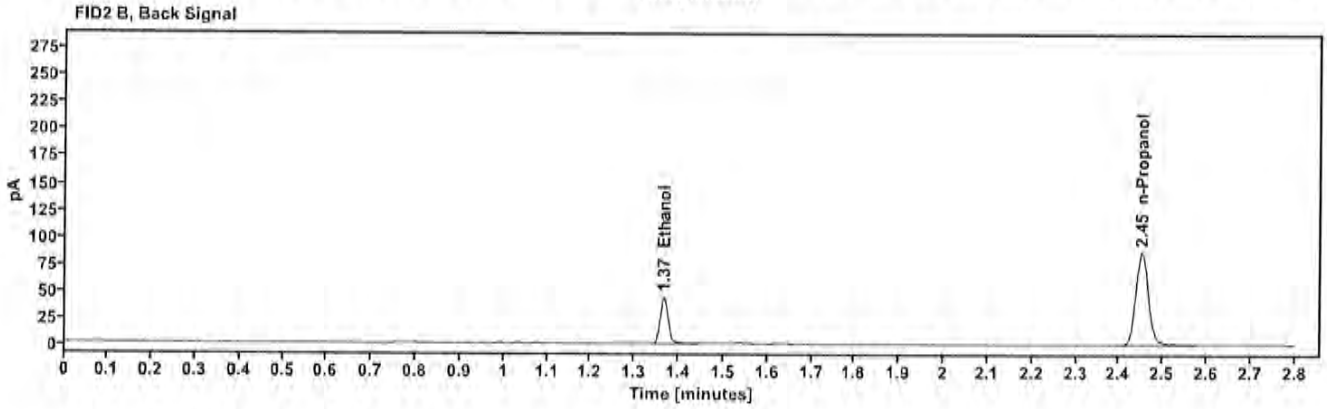

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0817	1.218	48.701
n-Propanol	-----	2.028	160.331

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	53.129
n-Propanol	2.451	173.928

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00121	**Vial:**	27
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:39:29 PM
Data file:	C:\Chem32\1\Data\28May25\27.D	**Analyst:**	Canonico

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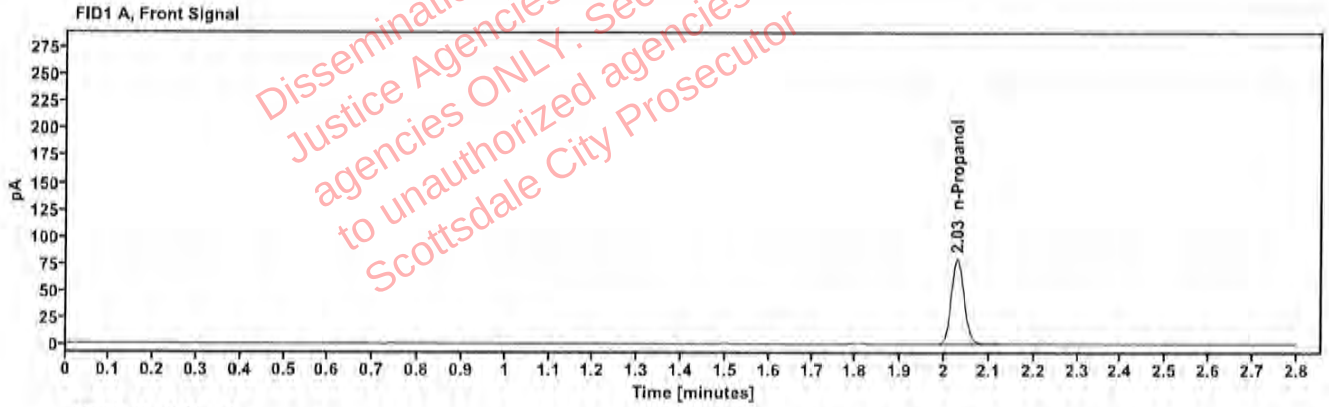

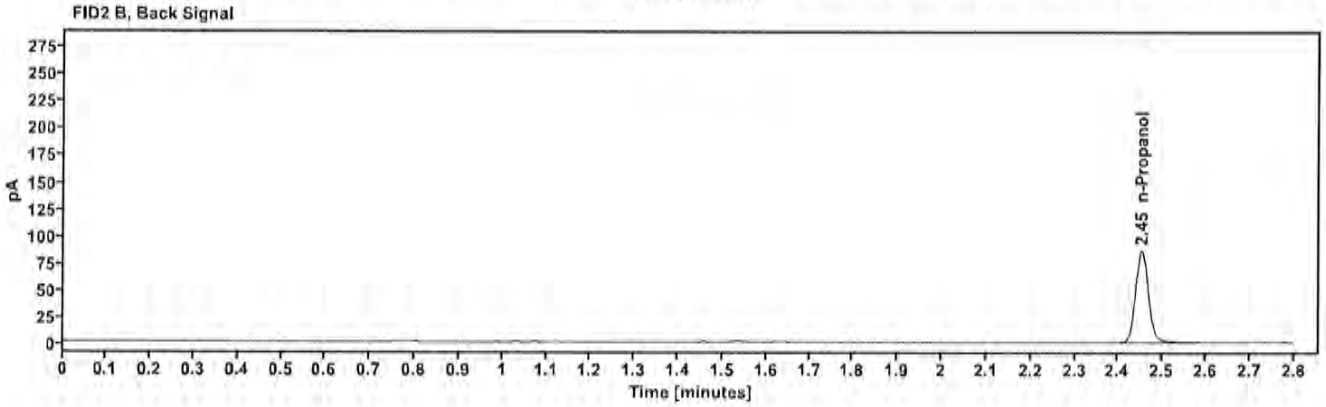

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.029	159.023

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.452	172.546

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL00121	**Vial:**	28
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:43:31 PM
Data file:	C:\Chem32\1\Data\28May25\28.D	**Analyst:**	Canonico

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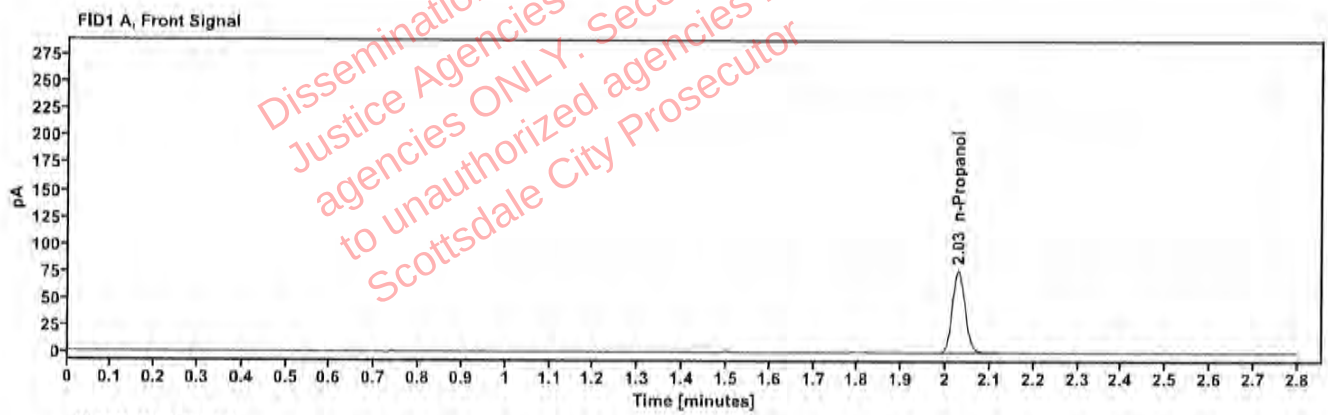

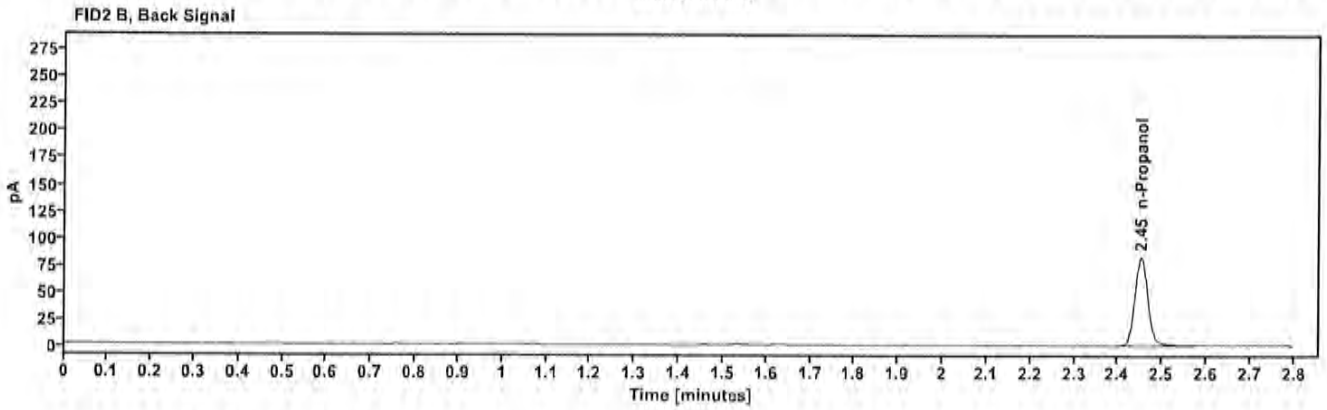

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.028	153.326

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.451	166.099

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422120-2	**Vial:**	29
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:47:32 PM
Data file:	C:\Chem32\1\Data\28May25\29.D	**Analyst:**	Canonico

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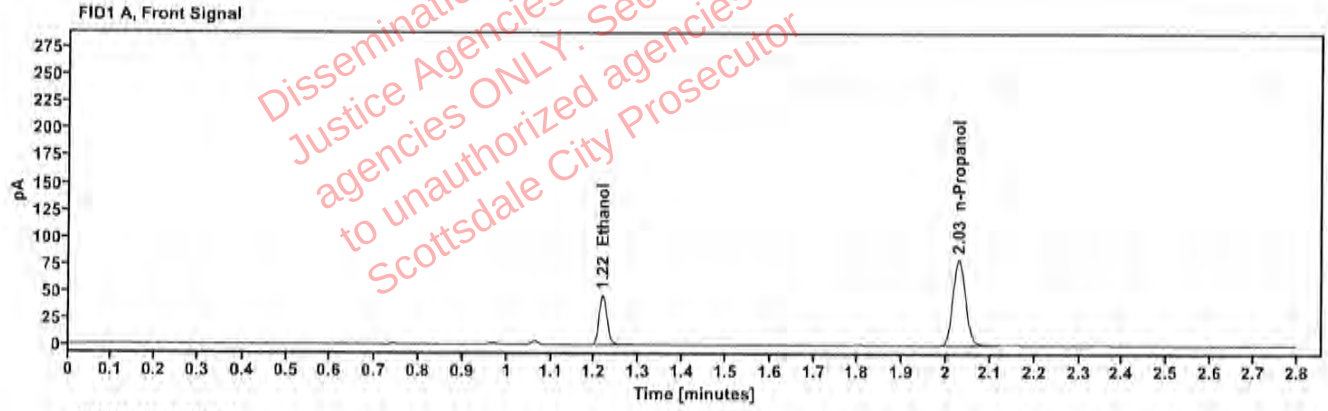

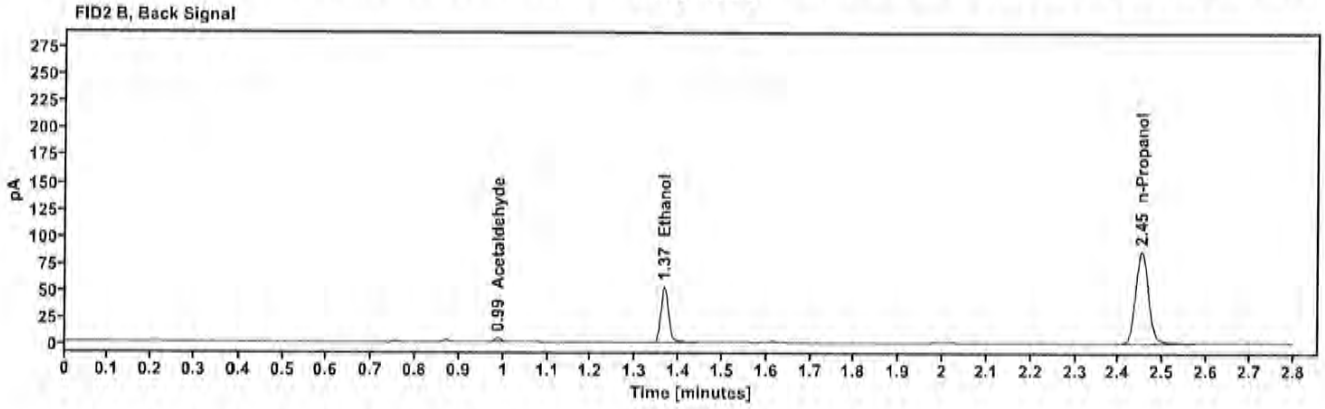

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0987	1.218	58.833
n-Propanol	----	2.028	159.790

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	3.956
Ethanol	1.366	64.302
n-Propanol	2.452	173.715

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422120-2	**Vial:**	30
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:51:31 PM
Data file:	C:\Chem32\1\Data\28May25\30.D	**Analyst:**	Canonico

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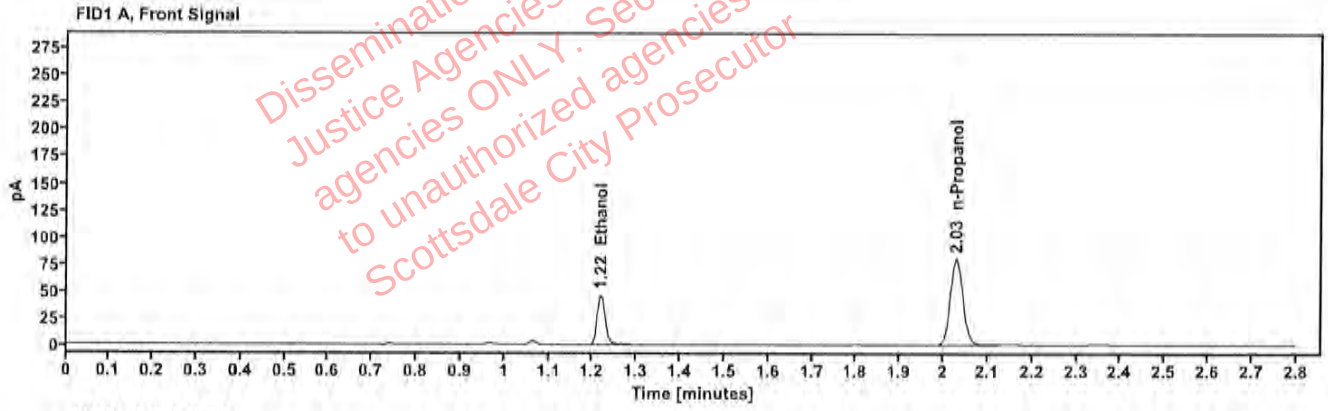

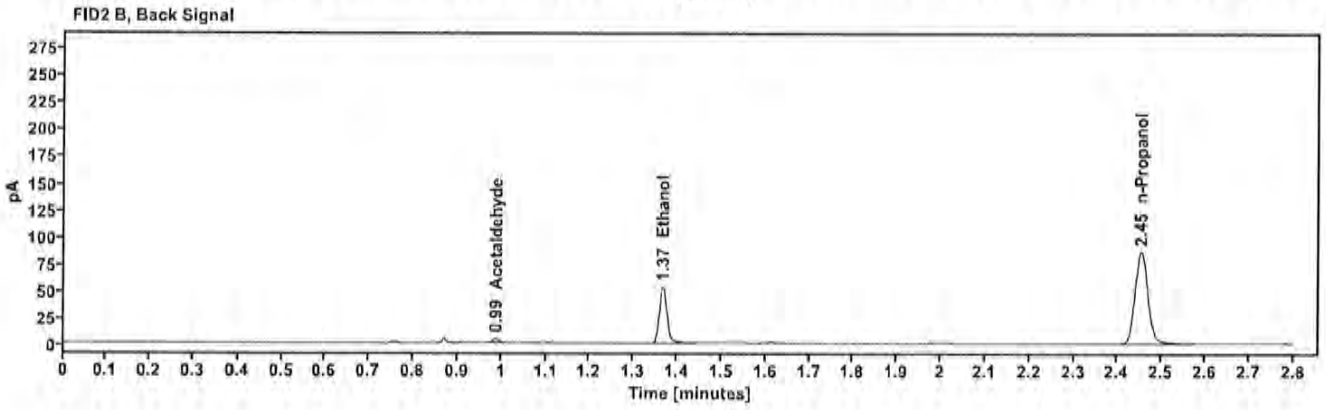

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0992	1.218	59.066
n-Propanol	----	2.029	159.621

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.048
Ethanol	1.367	64.530
n-Propanol	2.453	173.576

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510548-4	**Vial:**	32
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 3:59:45 PM
Data file:	C:\Chem32\1\Data\28May25\32.D	**Analyst:**	Canonico

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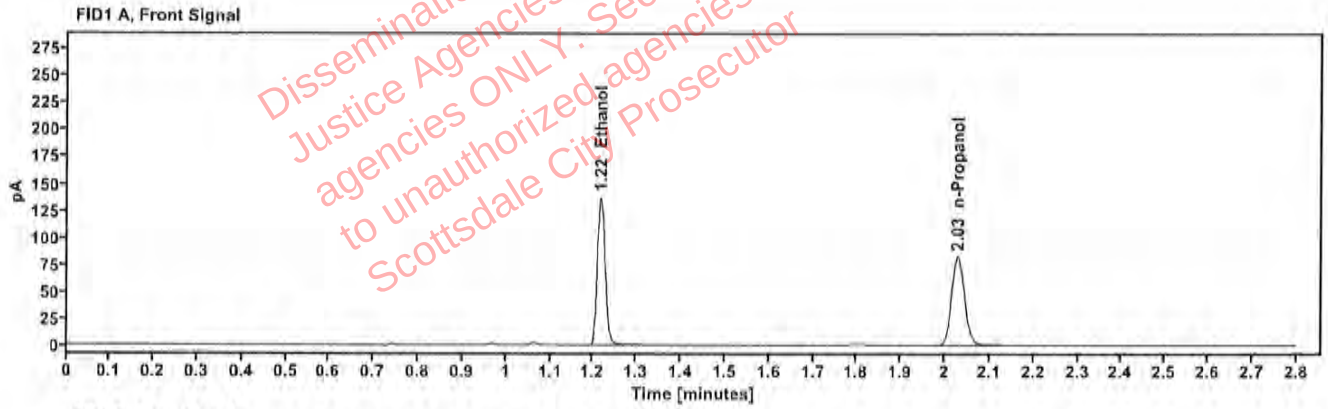

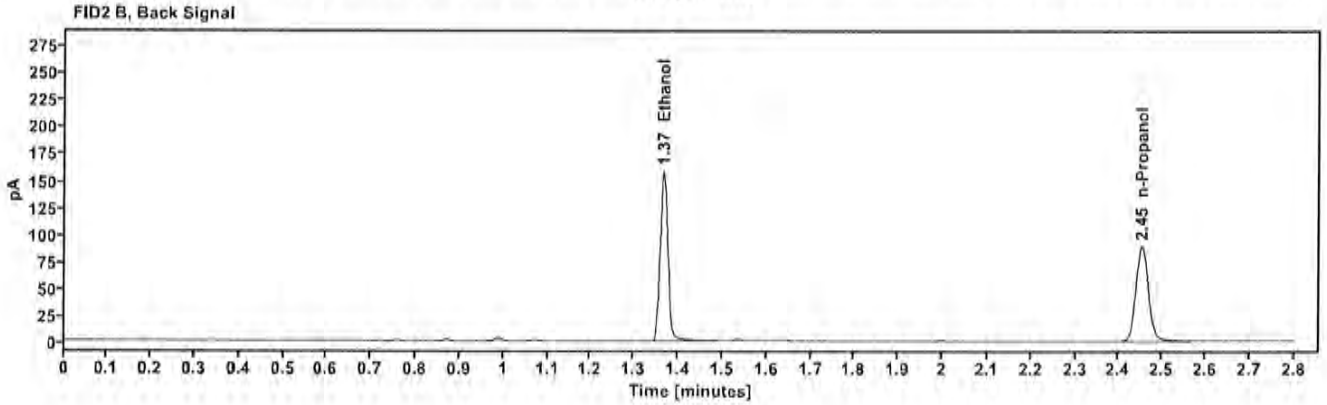

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2813	1.217	174.476
n-Propanol	----	2.028	164.474

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	191.974
n-Propanol	2.452	177.743

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510548-4	**Vial:**	33
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:03:45 PM
Data file:	C:\Chem32\1\Data\28May25\33.D	**Analyst:**	Canonico

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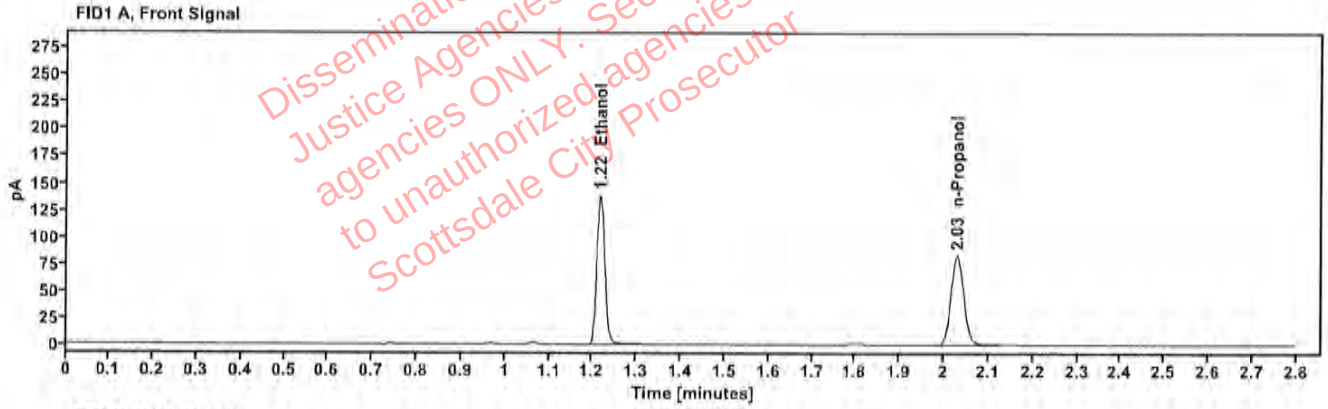

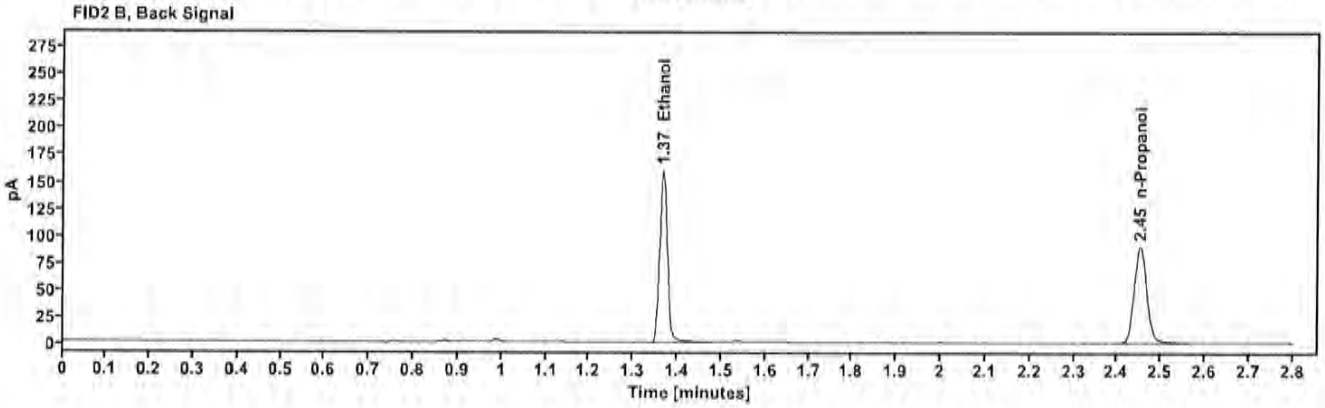

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2809	1.217	176.316
n-Propanol	——	2.029	166.410

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	194.108
n-Propanol	2.453	179.741

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510416-1	**Vial:**	34
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:07:46 PM
Data file:	C:\Chem32\1\Data\28May25\34.D	**Analyst:**	Canonico

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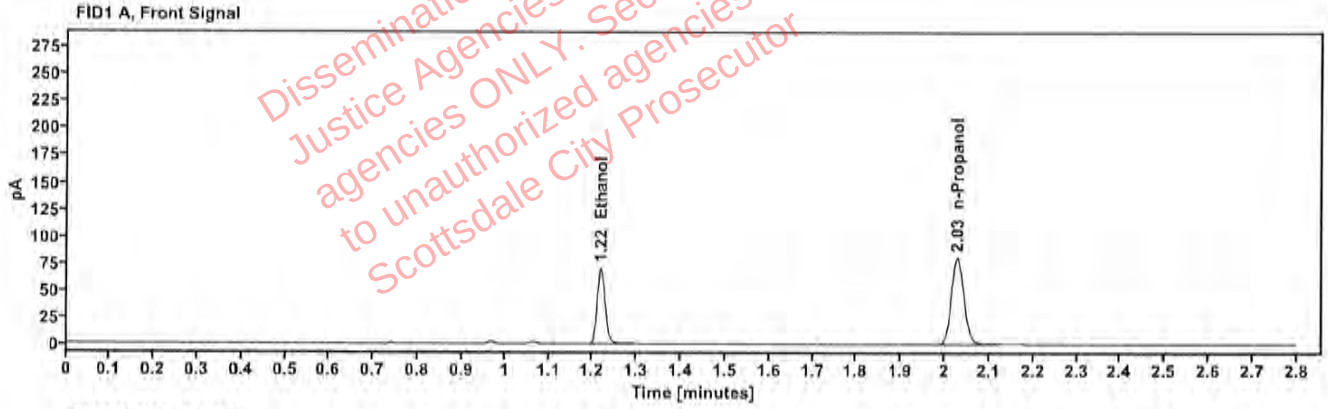

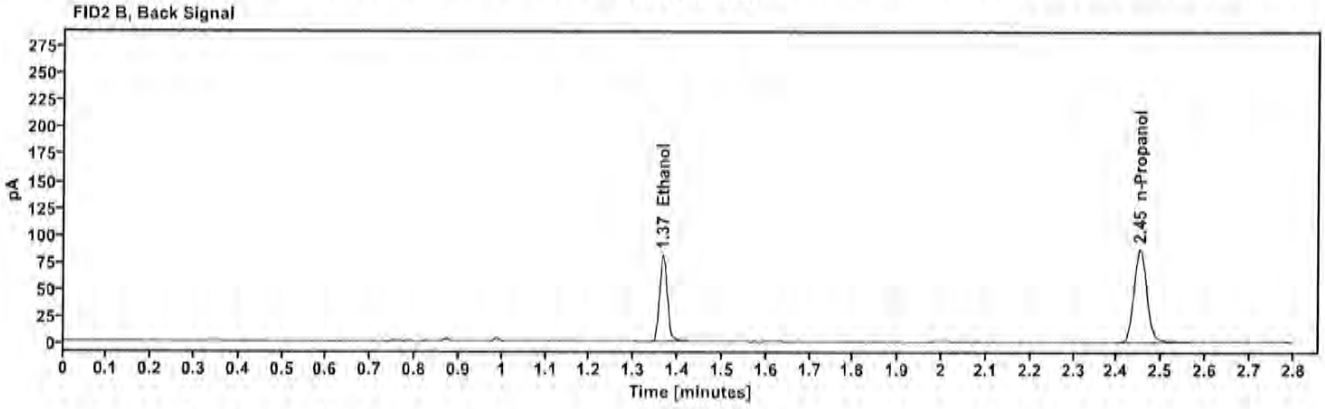

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1487	1.217	89.662
n-Propanol	——	2.028	160.696

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	98.142
n-Propanol	2.452	174.212

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510416-1	**Vial:**	35
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:11:46 PM
Data file:	C:\Chem32\1\Data\28May25\35.D	**Analyst:**	Canonico

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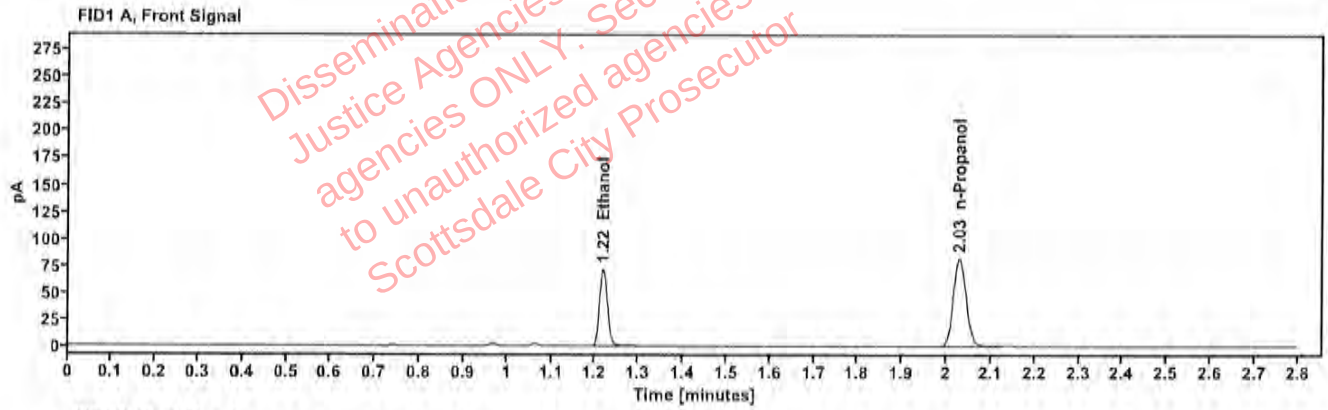

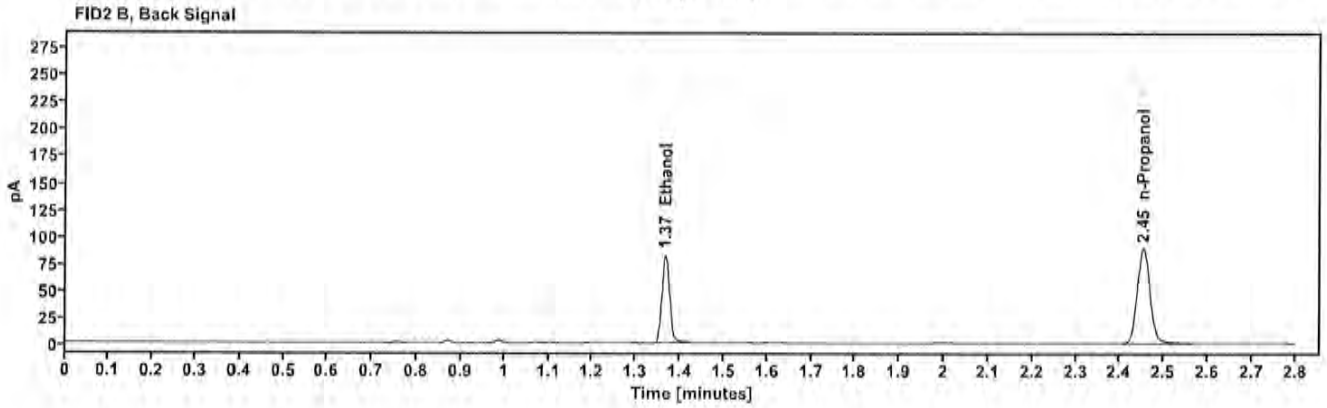

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1486	1.218	91.713
n-Propanol	-----	2.029	164.462

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	100.198
n-Propanol	2.452	178.095

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509904-1	**Vial:**	36
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:15:46 PM
Data file:	C:\Chem32\1\Data\28May25\36.D	**Analyst:**	Canonico

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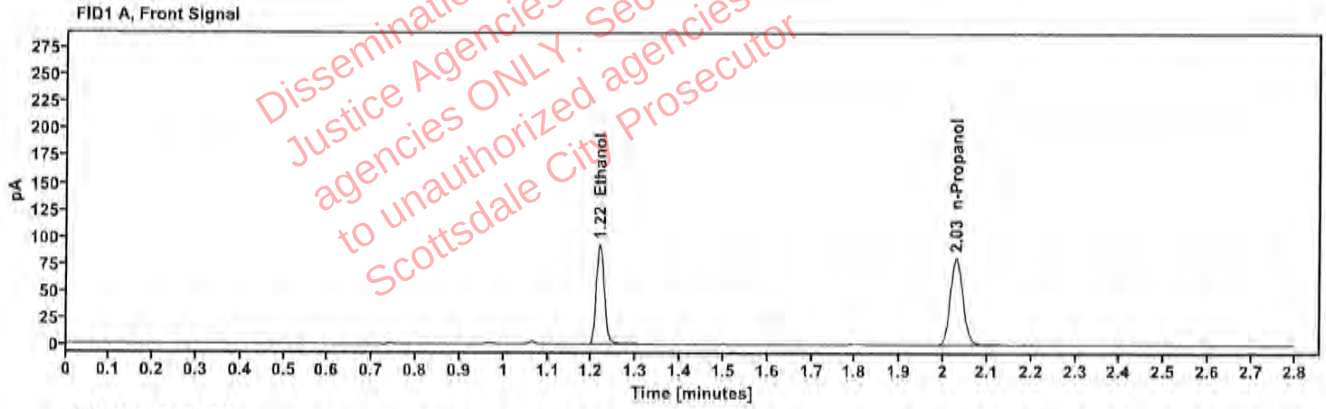

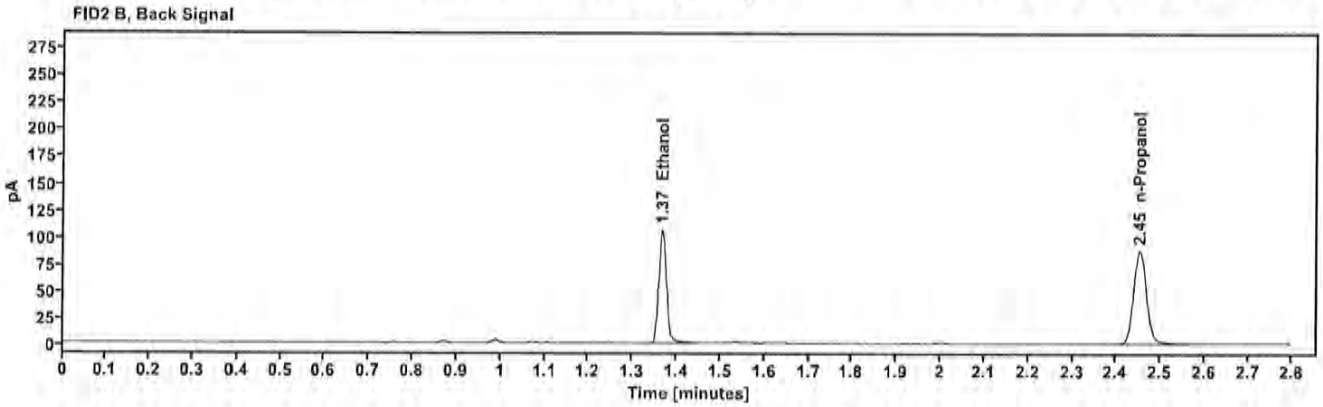

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1930	1.217	117.682
n-Propanol	——	2.029	162.137

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	128.830
n-Propanol	2.452	175.031

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509904-1	**Vial:**	37
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:20:00 PM
Data file:	C:\Chem32\1\Data\28May25\37.D	**Analyst:**	Canonico

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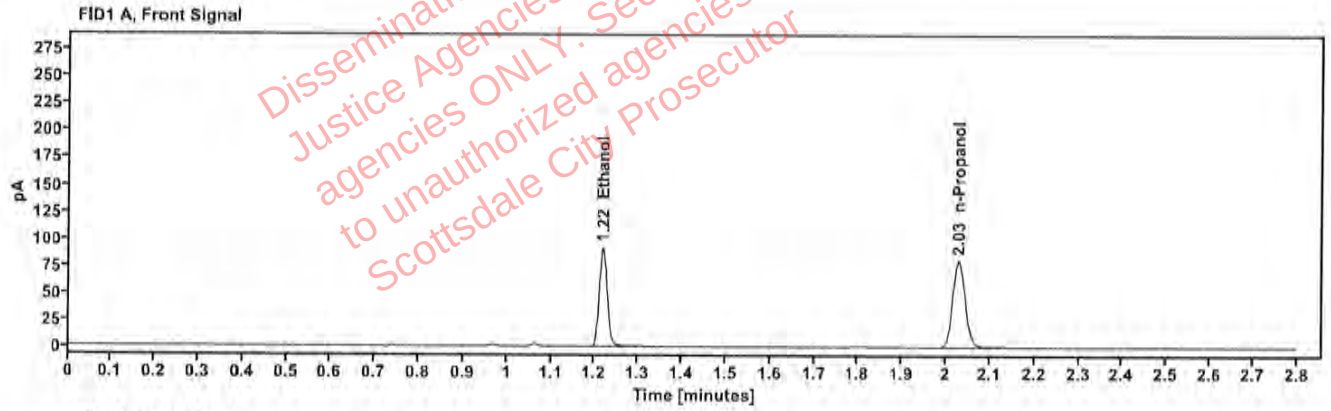

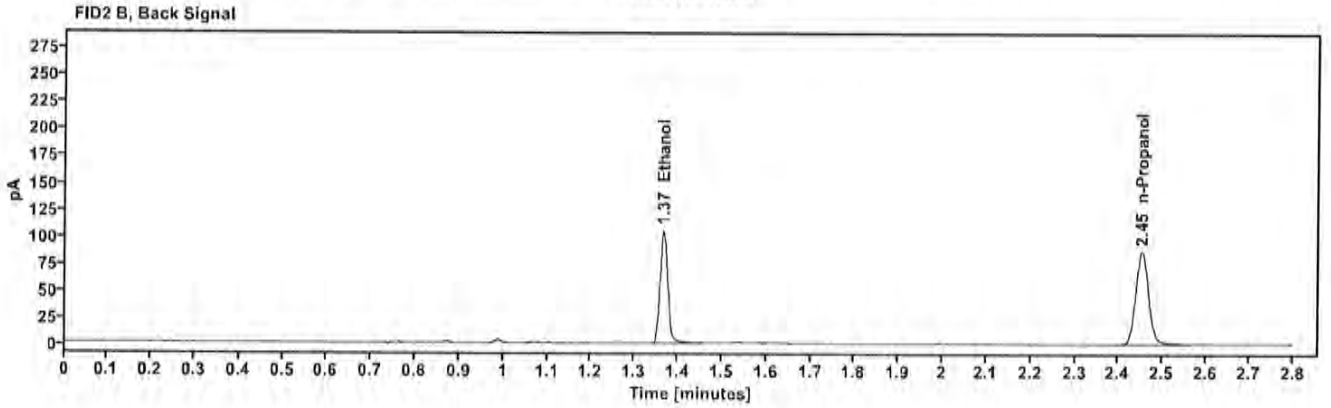

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1923	1.217	116.174
n-Propanol	----	2.029	160.595

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	127.321
n-Propanol	2.452	173.528

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510683-1	**Vial:**	38
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:24:00 PM
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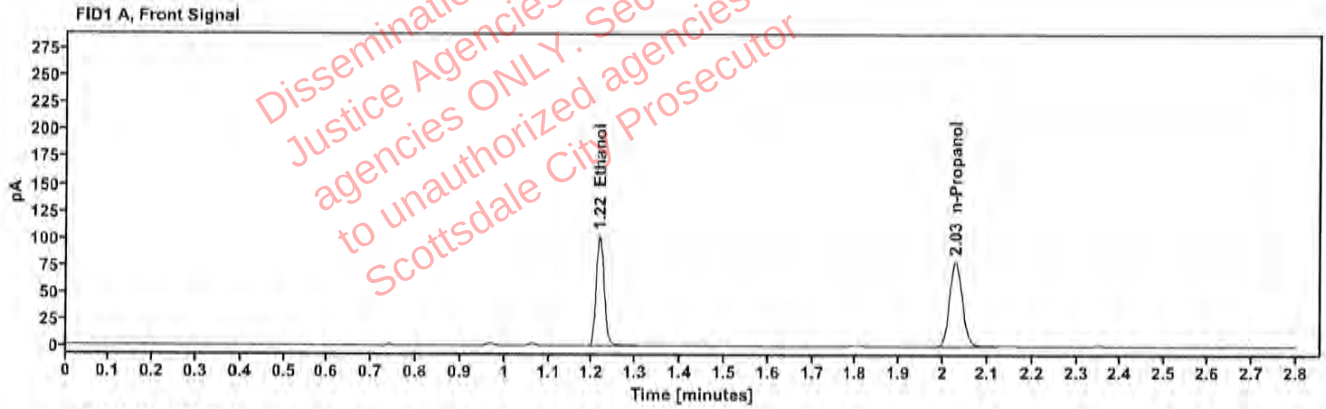

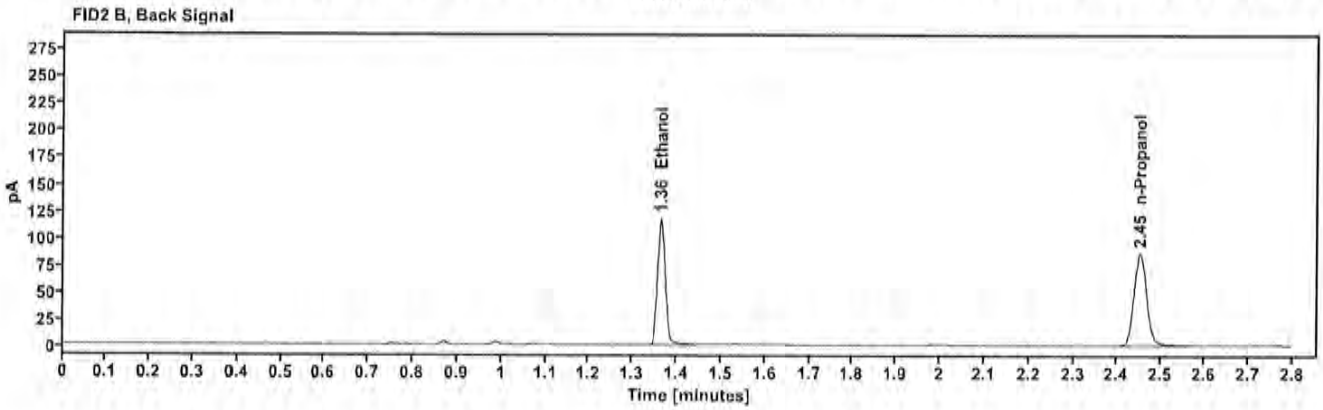

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2180	1.216	130.229
n-Propanol	——	2.028	158.674

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	142.607
n-Propanol	2.451	172.031

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510683-1	**Vial:**	39
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:28:00 PM
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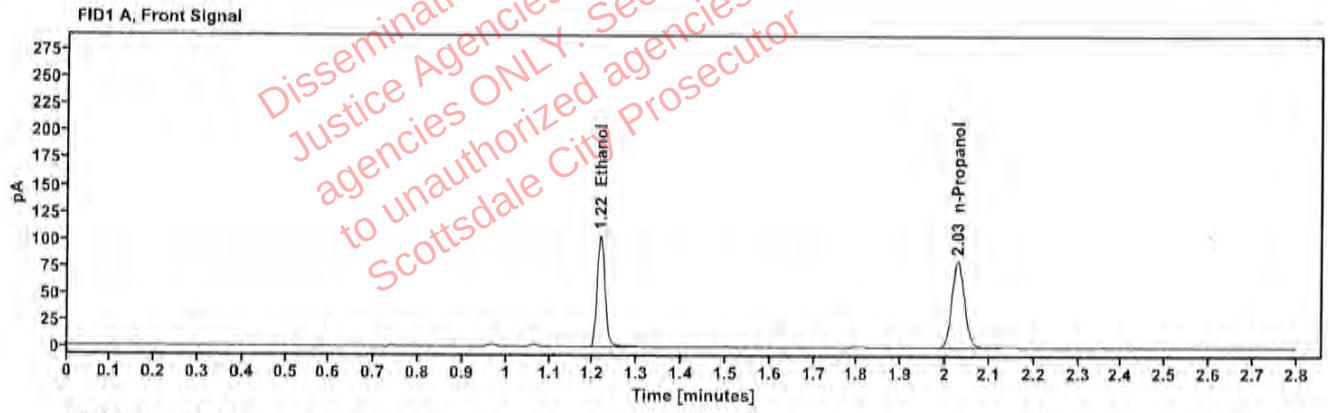

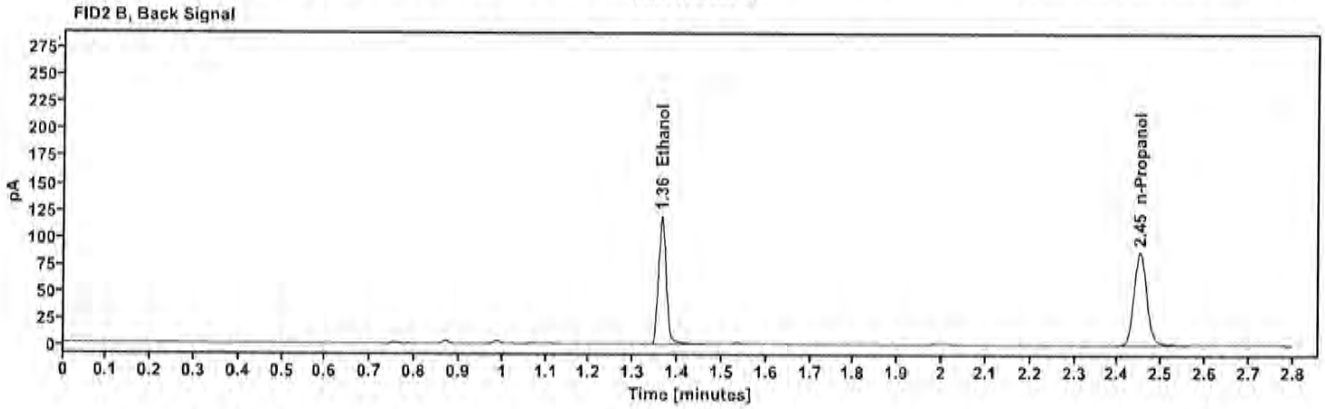

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2178	1.216	131.980
n-Propanol	-----	2.028	160.900

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	145.033
n-Propanol	2.451	174.498

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510558-1	**Vial:**	40
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:32:00 PM
Data file:	C:\Chem32\1\Data\28May25\40.D	**Analyst:**	Canonico

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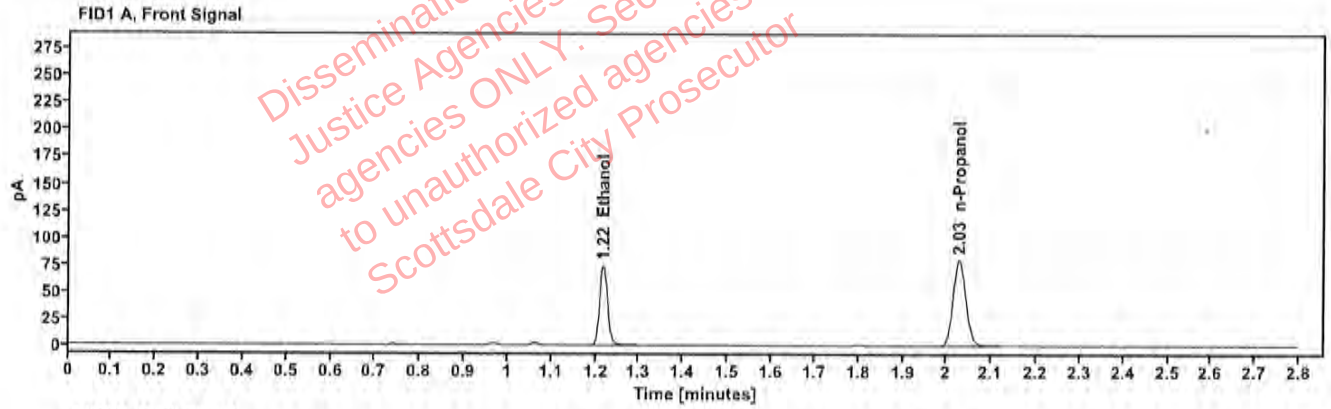

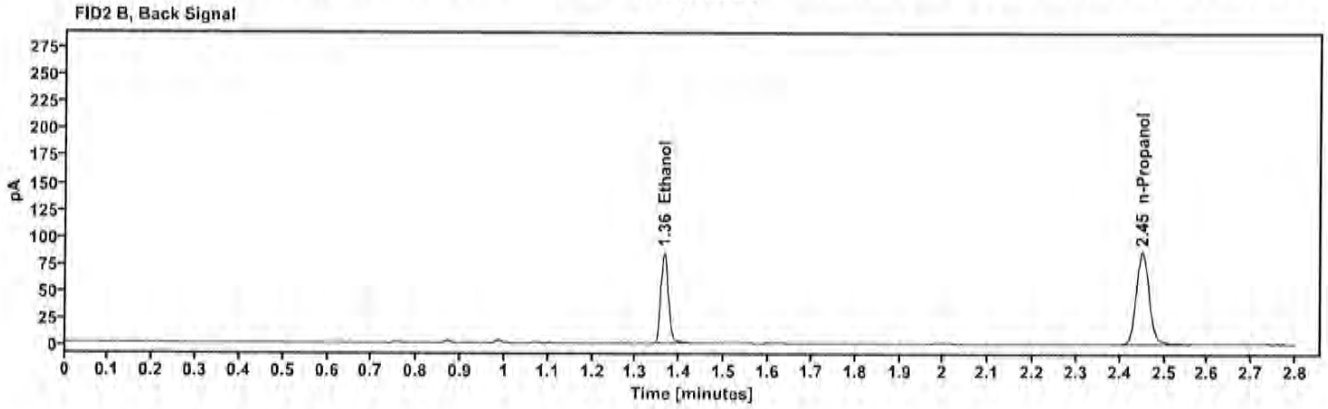

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1571	1.216	93.968
n-Propanol	——	2.028	159.329

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	102.861
n-Propanol	2.451	172.547

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510558-1	**Vial:**	41
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:36:02 PM
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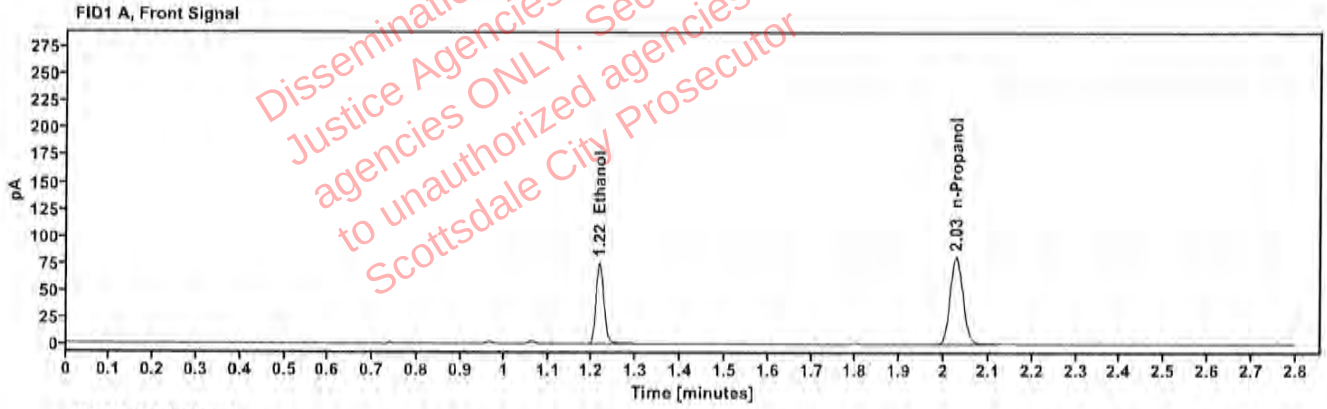

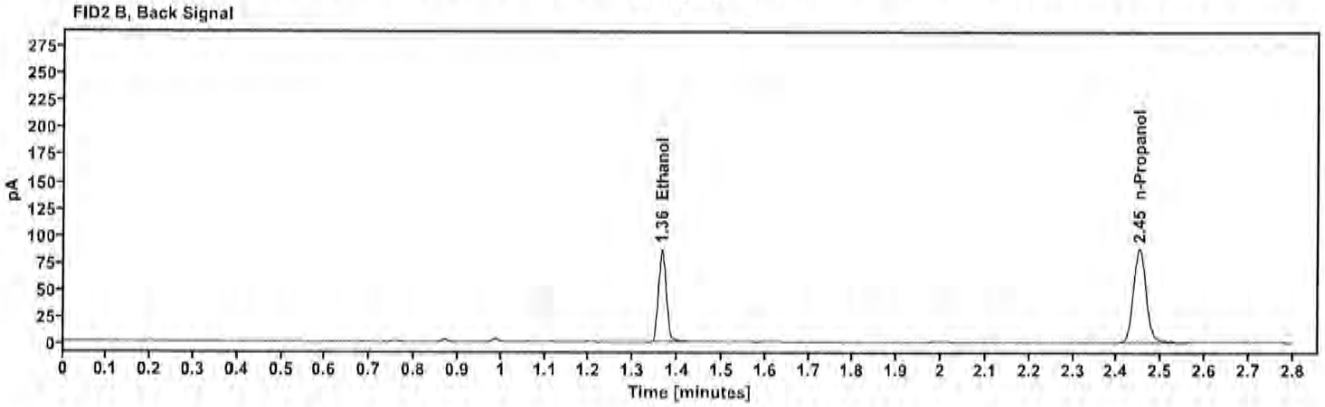

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1575	1.216	95.952
n-Propanol	-----	2.027	162.291

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	104.920
n-Propanol	2.451	175.840

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510602-2	**Vial:**	43
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:44:15 PM
Data file:	C:\Chem32\1\Data\28May25\43.D	**Analyst:**	Canonico

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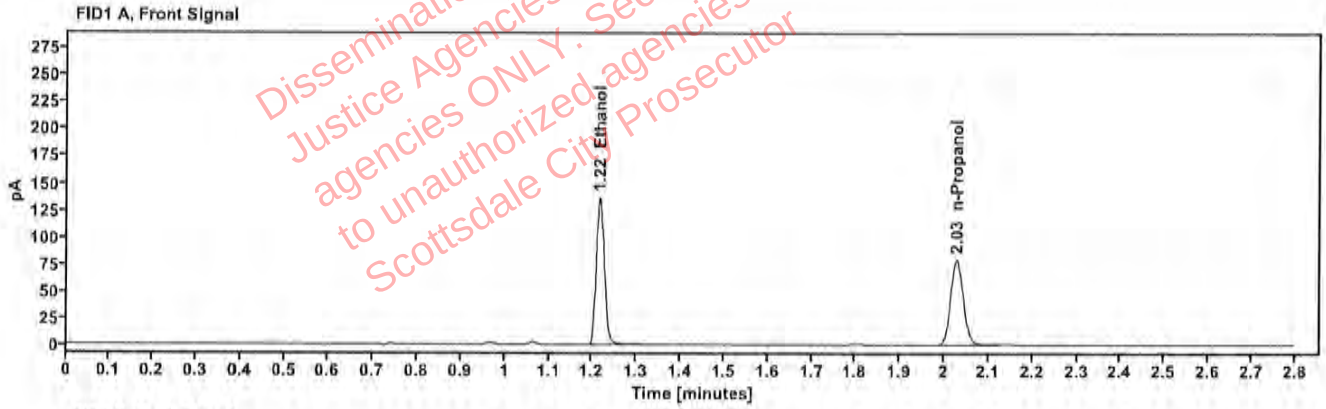

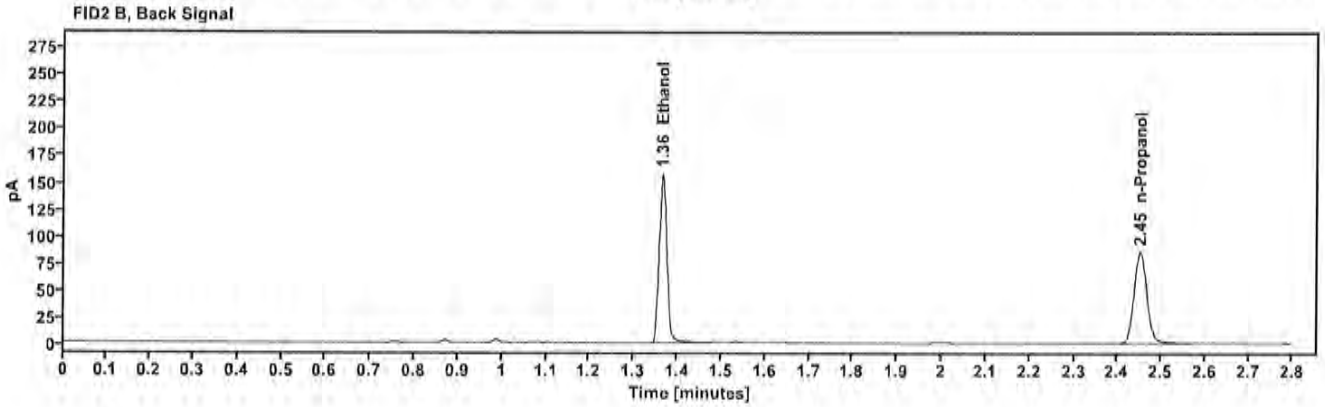

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2903	1.216	173.574
n-Propanol	-----	2.028	158.508

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	190.929
n-Propanol	2.451	171.829

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510602-2	**Vial:**	44
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:48:15 PM
Data file:	C:\Chem32\1\Data\28May25\44.D	**Analyst:**	Canonico

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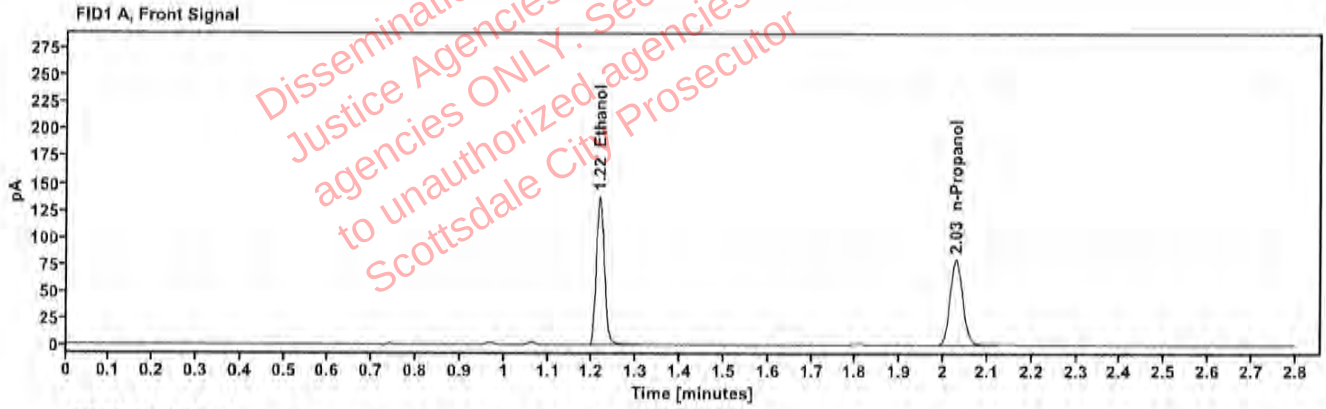

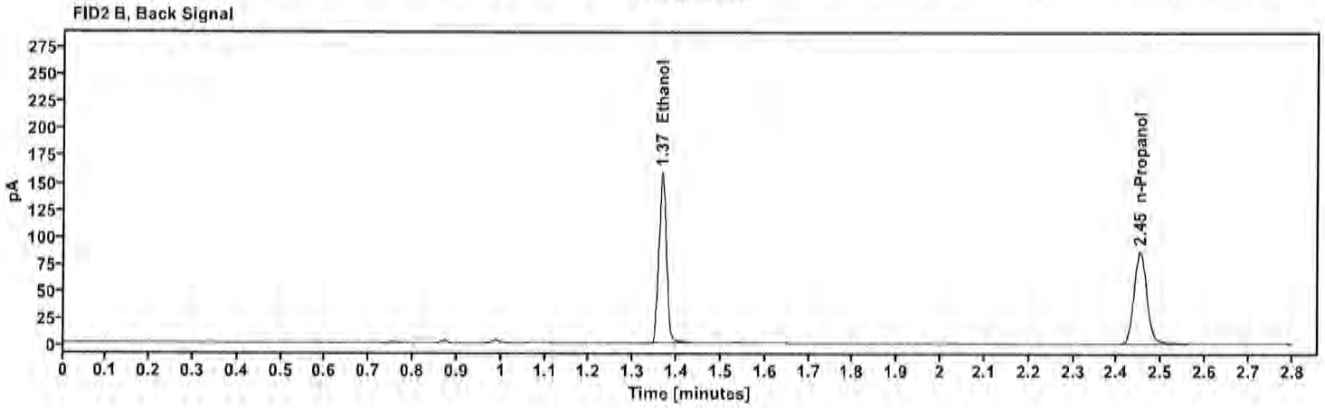

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2911	1.217	175.498
n-Propanol	-----	2.029	159.817

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	192.904
n-Propanol	2.452	173.174

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510627-1	**Vial:**	45
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:52:15 PM
Data file:	C:\Chem32\1\Data\28May25\45.D	**Analyst:**	Canonico

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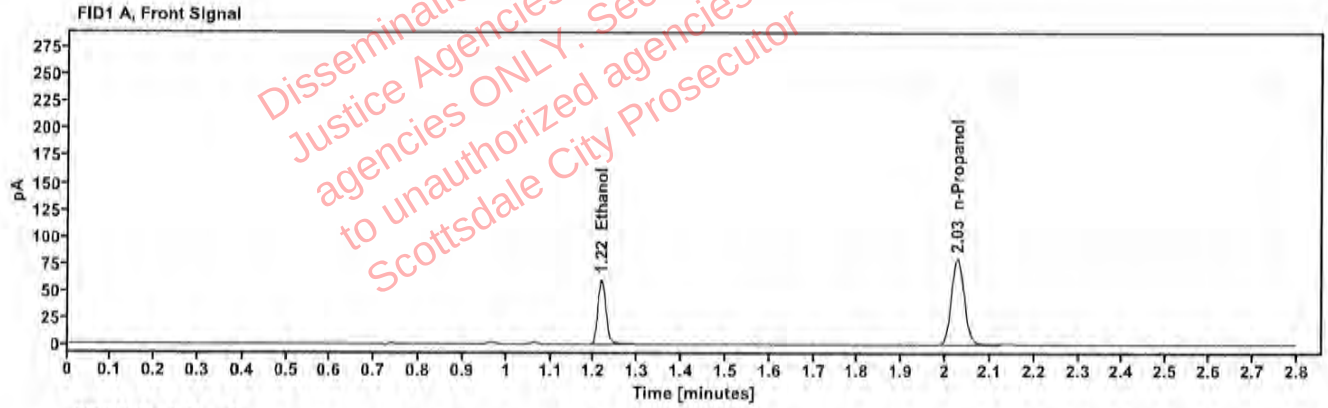

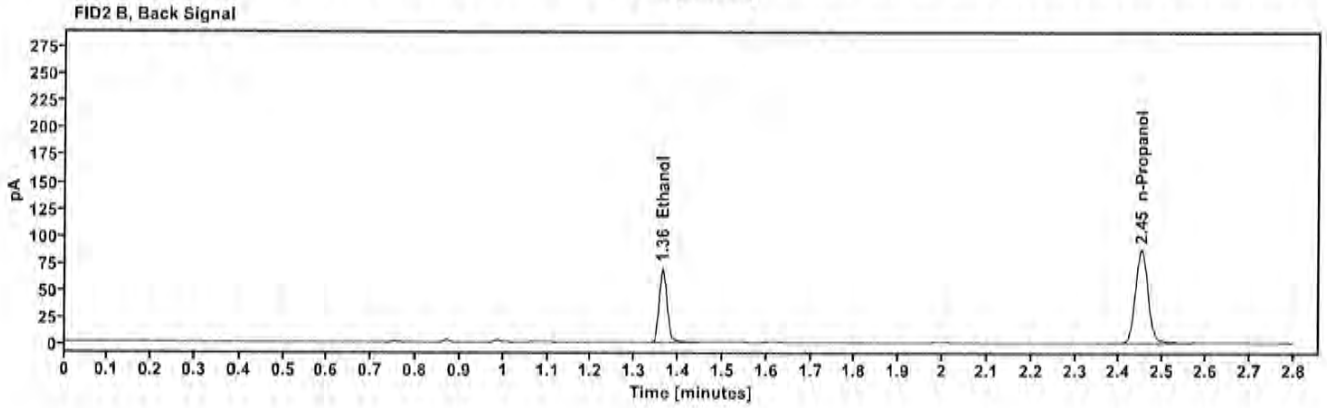

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1282	1.216	77.249
n-Propanol	——	2.027	160.828

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	84.544
n-Propanol	2.450	174.523

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510627-1	**Vial:**	46
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 4:56:16 PM
Data file:	C:\Chem32\1\Data\28May25\46.D	**Analyst:**	Canonico

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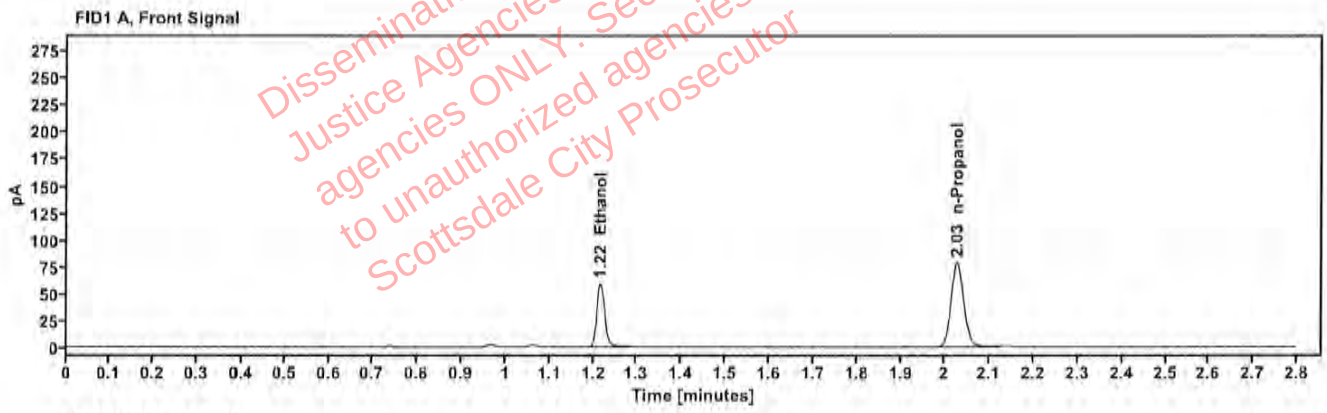

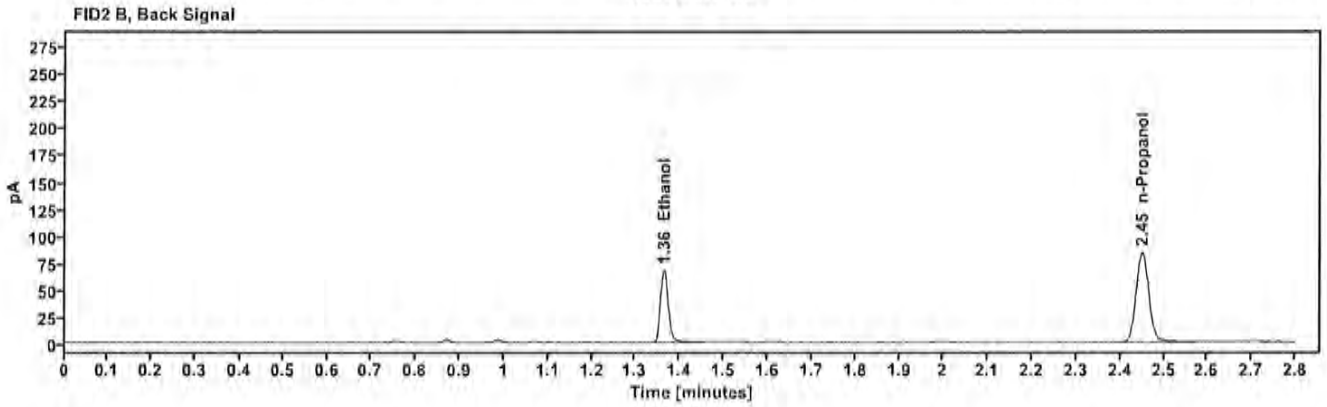

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1280	1.216	74.892
n-Propanol	-----	2.027	156.211

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.364	82.160
n-Propanol	2.450	169.707

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510632-2	**Vial:**	47
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:00:16 PM
Data file:	C:\Chem32\1\Data\28May25\47.D	**Analyst:**	Canonico

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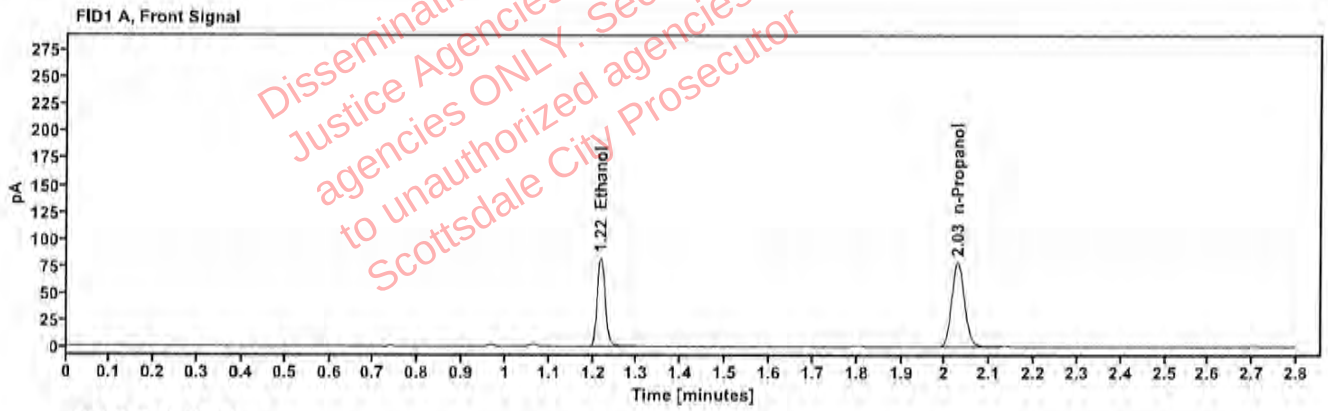

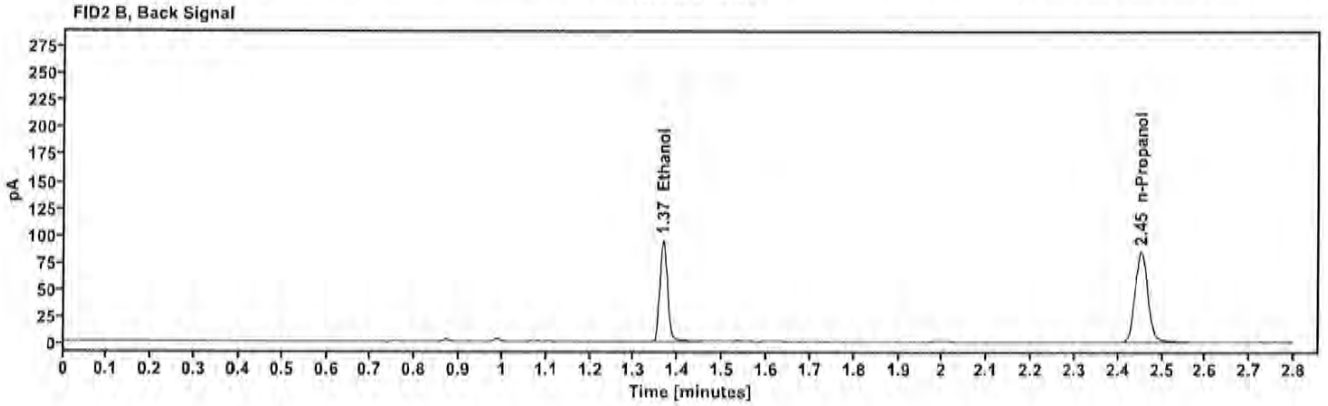

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1774	1.217	104.550
n-Propanol	----	2.028	156.800

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	114.621
n-Propanol	2.452	169.147

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510632-2	**Vial:**	48
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:04:17 PM
Data file:	C:\Chem32\1\Data\28May25\48.D	**Analyst:**	Canonico

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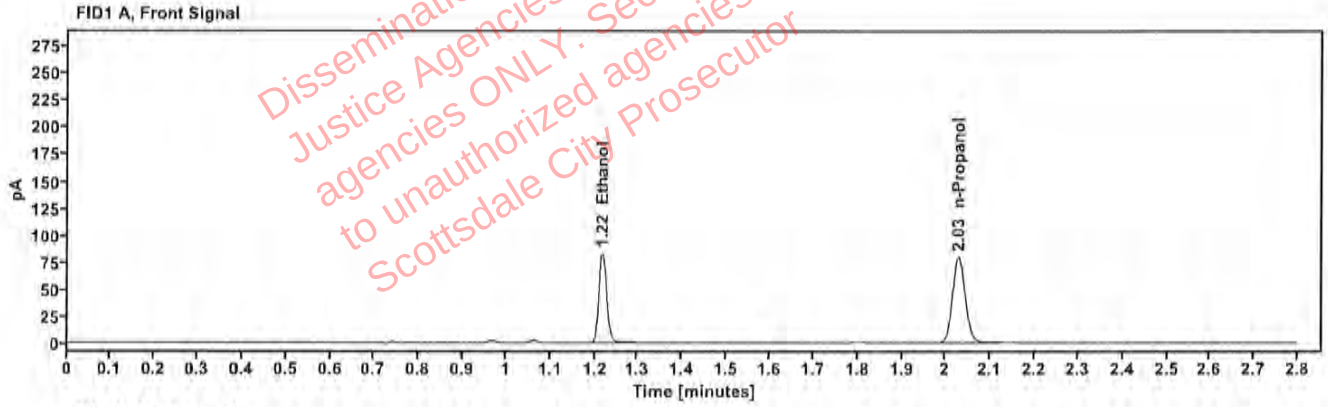

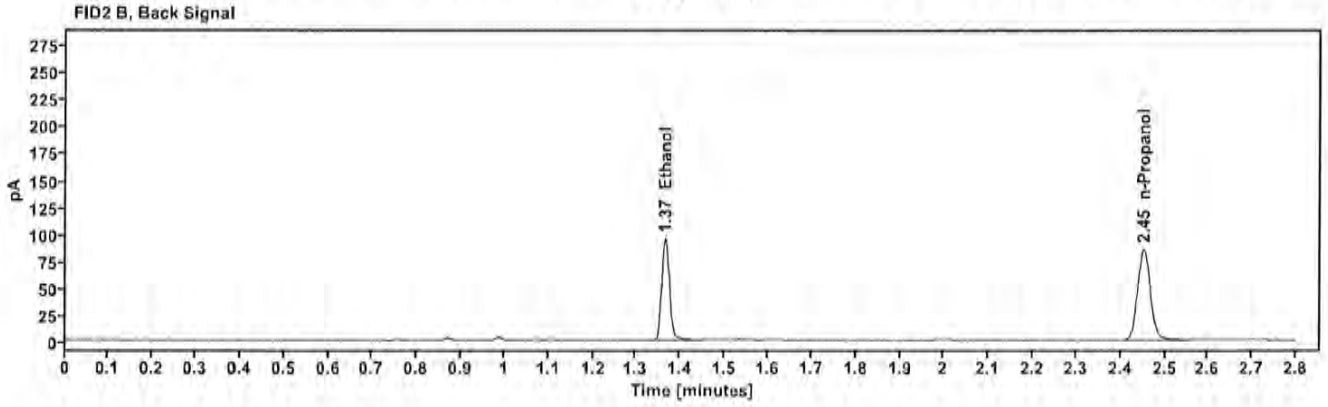

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1772	1.217	105.475
n-Propanol	——	2.028	158.367

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.365	115.596
n-Propanol	2.452	170.811

[redacted]: Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510220-2	**Vial:**	49
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:08:30 PM
Data file:	C:\Chem32\1\Data\28May25\49.D	**Analyst:**	Canonico

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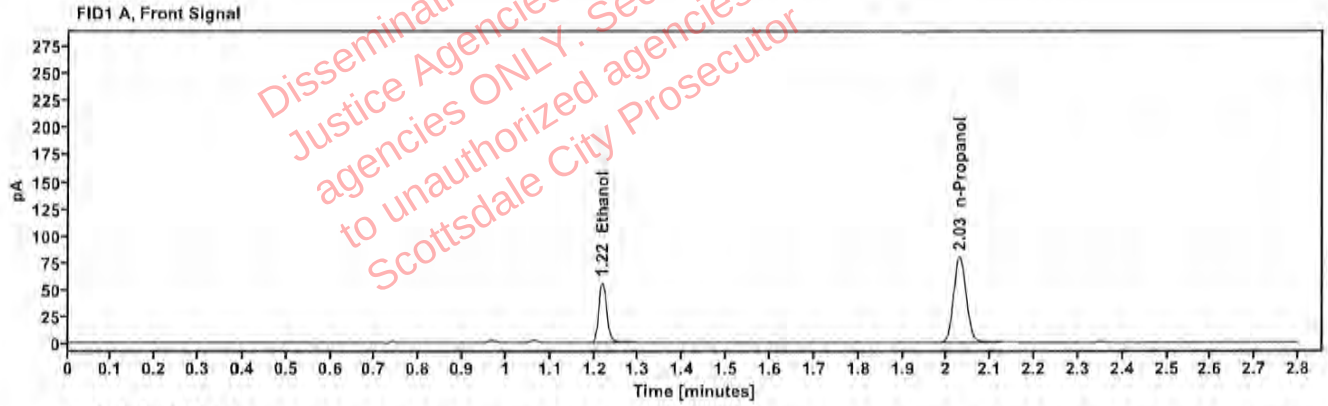

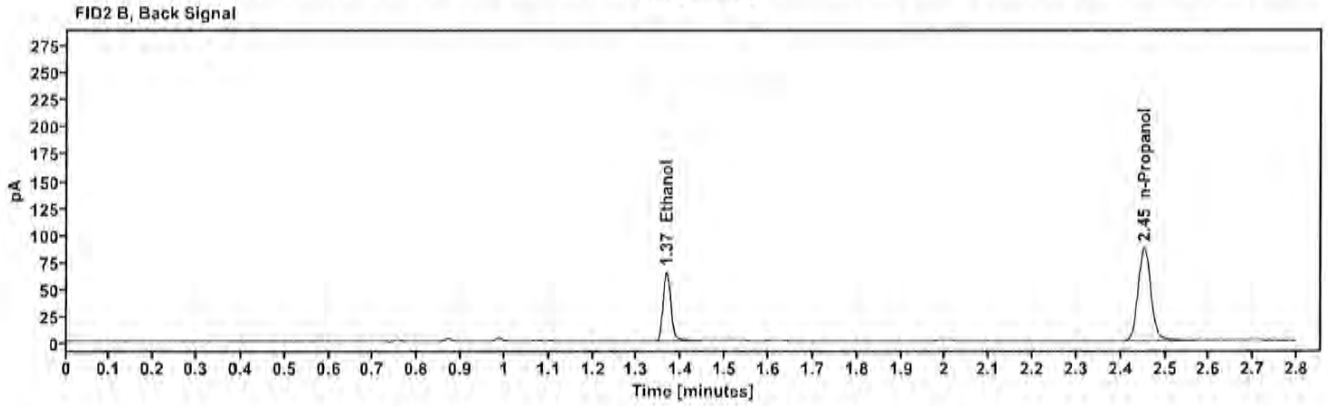

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1192	1.218	71.475
n-Propanol	-----	2.029	160.207

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	78.166
n-Propanol	2.452	173.749

[redacted] Canonico, Erika - (29-May-2025)

Case: [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510220-2	**Vial:**	50
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:12:31 PM
Data file:	C:\Chem32\1\Data\28May25\50.D	**Analyst:**	Canonico

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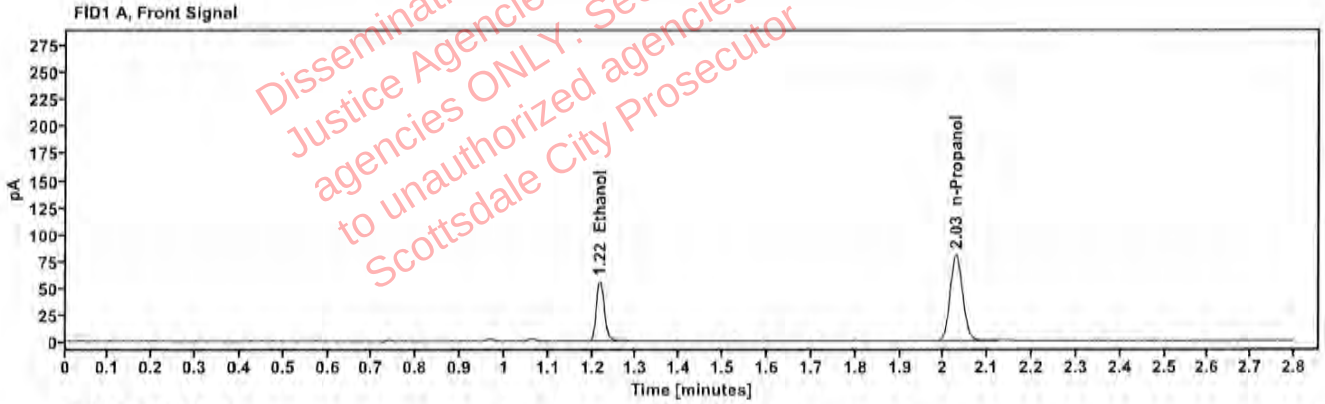

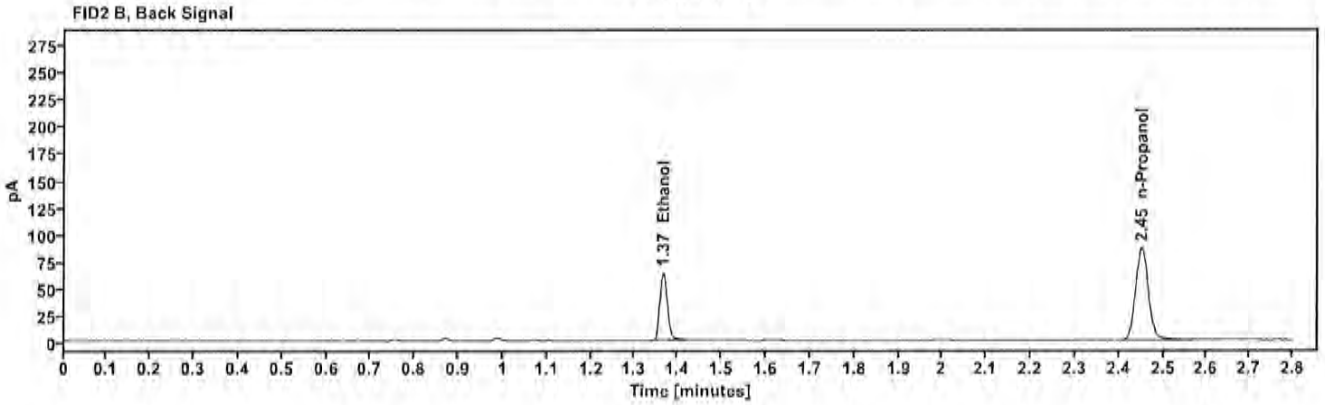

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1185	1.217	70.829
n-Propanol	-----	2.028	159.730

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	77.364
n-Propanol	2.452	173.140

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510410-2	**Vial:**	51
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:16:31 PM
Data file:	C:\Chem32\1\Data\28May25\51.D	**Analyst:**	Canonico

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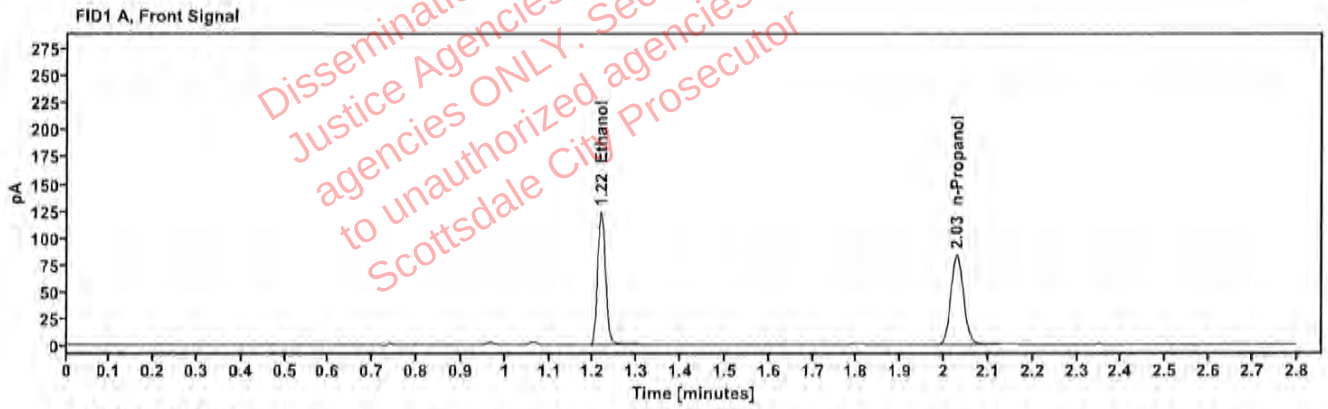

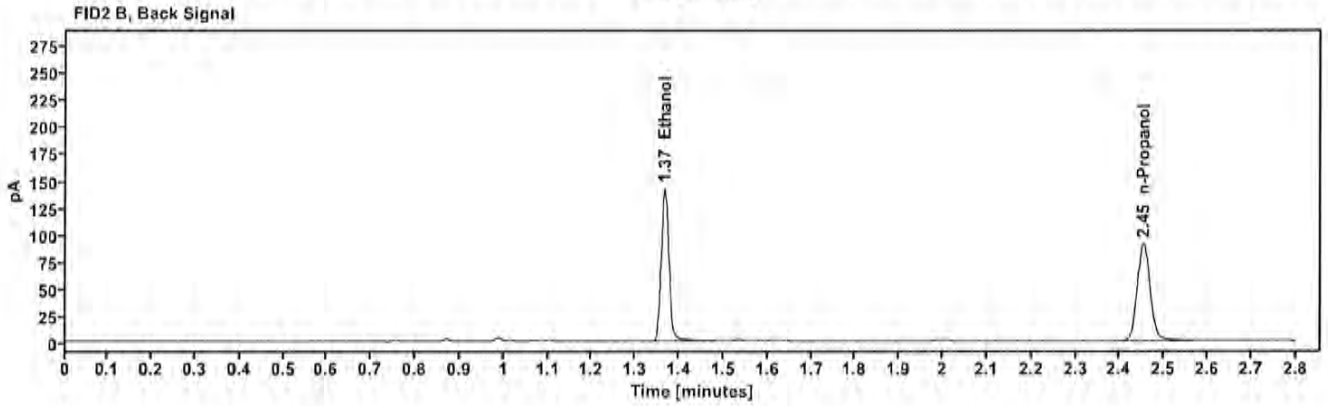

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2492	1.217	157.151
n-Propanol	-----	2.029	167.344

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	173.924
n-Propanol	2.452	181.351

[redacted] Canonico, Erika - (29-May-2025)

Case [redacted] User: ecanonico 5/29/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2510410-2	**Vial:**	52
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	28May25
Instrument:	US14173023 CN14160045	**Injection date:**	5/28/2025 5:20:31 PM
Data file:	C:\Chem32\1\Data\28May25\52.D	**Analyst:**	Canonico

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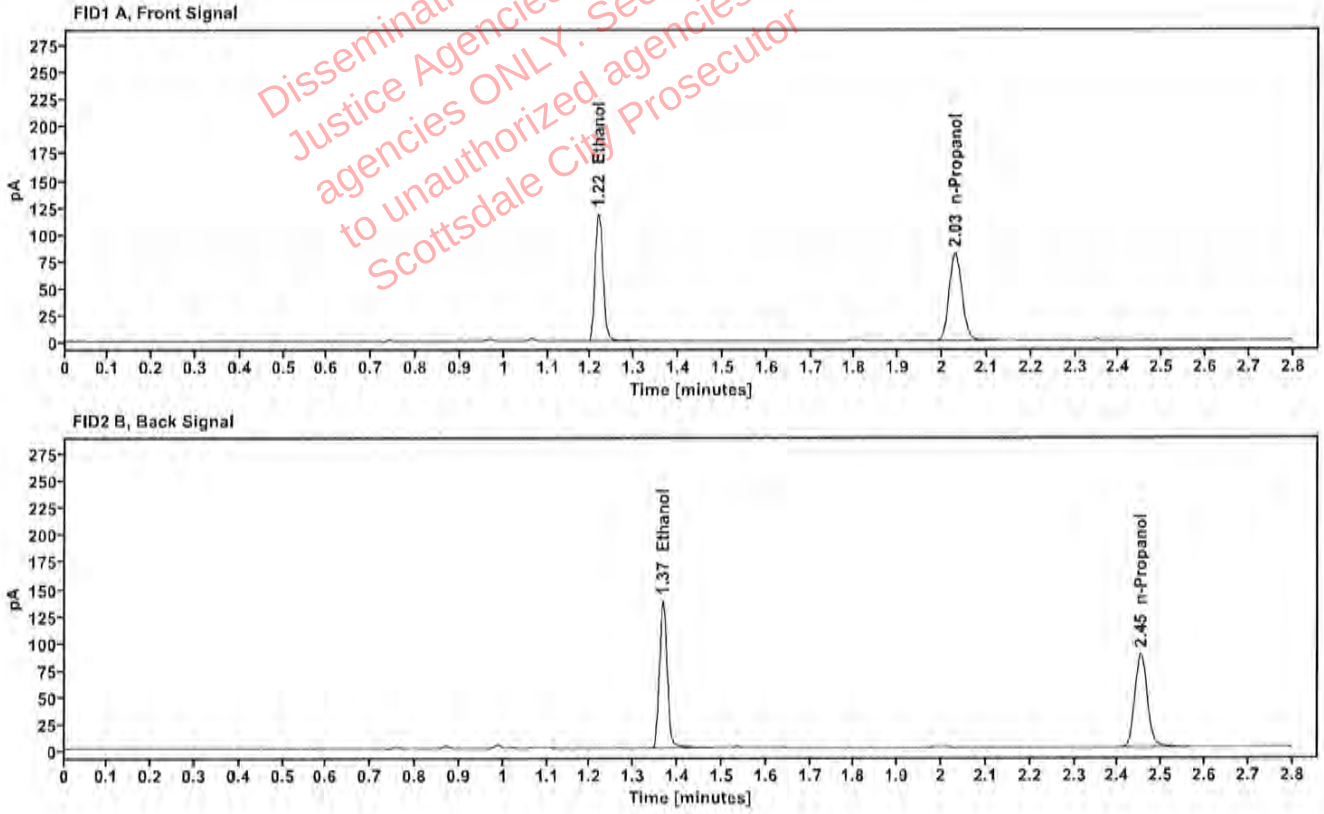

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2484	1.217	151.521
n-Propanol	-----	2.028	161.848

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.366	167.786
n-Propanol	2.452	175.295