SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/29/2024 SEQUENCE NAME 29Oct24

EQUIPMENT

Pipettor ☐ Hamilton ML600EH7497 ☒ 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) 0.99999

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 050624WB
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	0.040 g/dL	Lipomed 518018
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
31	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/11
42	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
51	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 12052023-B
52	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
53	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/11
54	Blank	Not detected	Not detected	SPD lab 090524AQ

SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: **All testing proceeded as expected.**

Run valid ☒ Run invalid ☐ Analyst

Run valid ☒ Run invalid ☐ Technical Reviewer

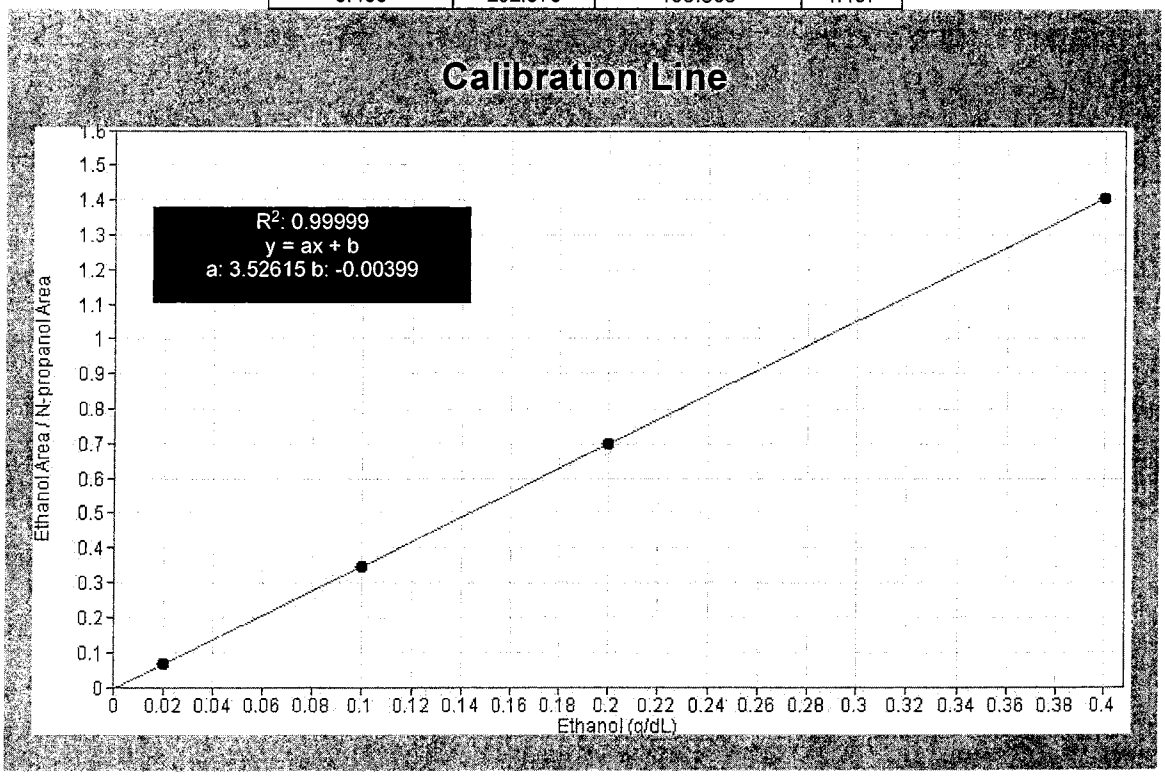
Scottsdale Police Department Crime Laboratory
Sequence Quality Assurance Summary

BB

SEQUENCE NAME: 29Oct24 **ANALYST: Brooke**

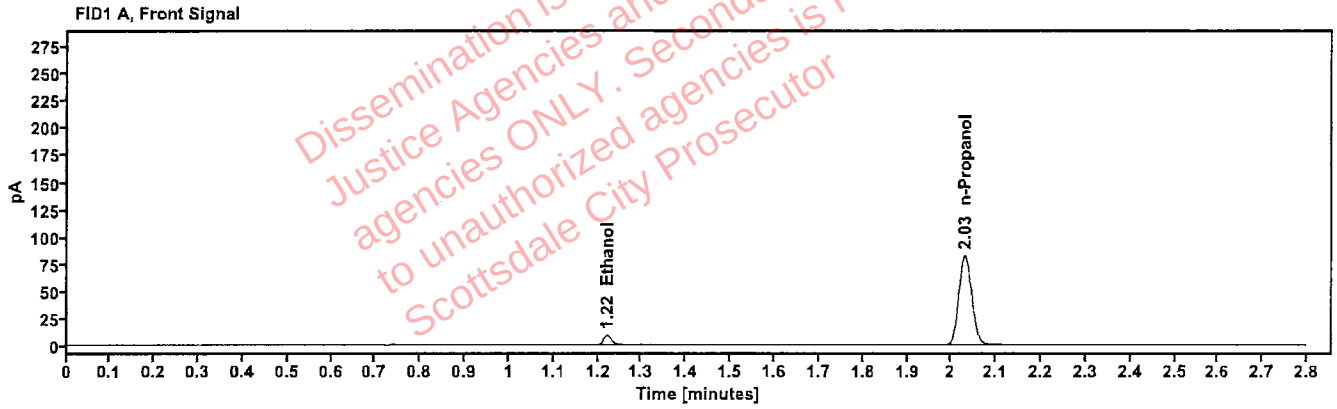
Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 050624WB	5	negative	negative	-	-
0.400 12052023-B	7	0.401	0.400	0.25	0.001
0.040 518018	8	0.040	0.040	0.00	0.000
0.199 4110320133/11	9	0.202	0.199	1.51	0.003
0.100 517758	20	0.101	0.100	1.00	0.001
0.199 4110320133/11	31	0.204	0.199	2.51	0.005
0.100 517758	42	0.100	0.100	0.00	0.000
0.400 12052023-B	51	0.405	0.400	1.25	0.005
0.040 518018	52	0.041	0.040	2.50	0.001
0.199 4110320133/11	53	0.205	0.199	3.02	0.006
blank 090524AQ	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.267	165.234	0.068
0.100	57.816	166.664	0.347
0.200	115.588	164.963	0.701
0.400	232.970	165.568	1.407



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	**Vial:**	1
Description:	0.020 calibrator	**Sequence:**	29Oct24
Method:	ethanol quant.M	**Injection date:**	10/29/2024 4:40:00 PM
Instrument:	US14173023 CN14160045	**Analyst:**	Brooke
Data file:	C:\Chem32\1\Data\29Oct24\1.D		



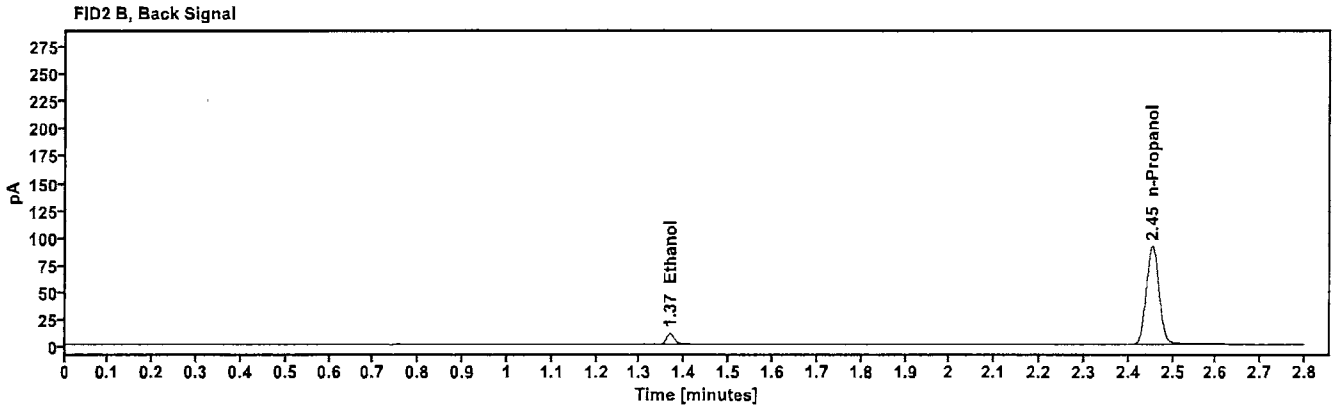


Table 1: FID 1 A (column DB-ALC1)

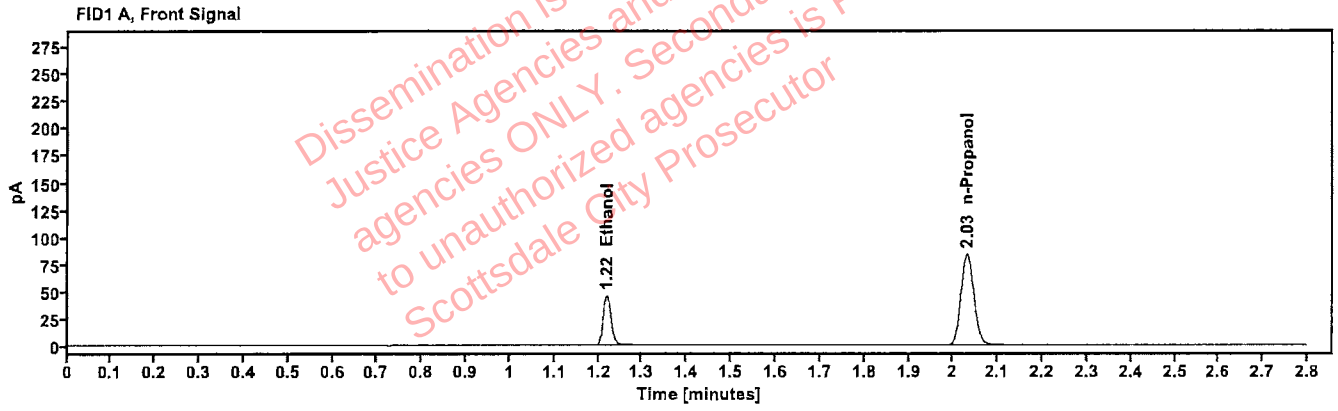
Compound	Time (min)	Peak Area
Ethanol	1.221	11.267
n-Propanol	2.030	165.234

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

Compound	Time (min)	Peak Area
Ethanol	1.368	12.330
n-Propanol	2.454	180.316

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	**Vial:**	2
Description:	0.100 calibrator	**Sequence:**	29Oct24
Method:	ethanol quant.M	**Injection date:**	10/29/2024 4:43:59 PM
Instrument:	US14173023 CN14160045	**Analyst:**	Brooke
Data file:	C:\Chem32\1\Data\29Oct24\2.D		



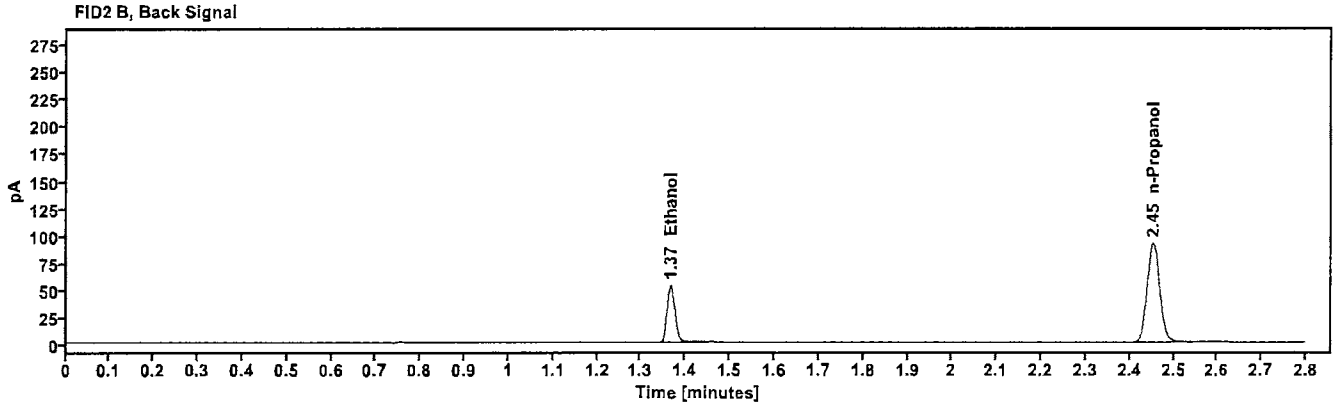


Table 1: FID 1 A (column DB-ALC1)

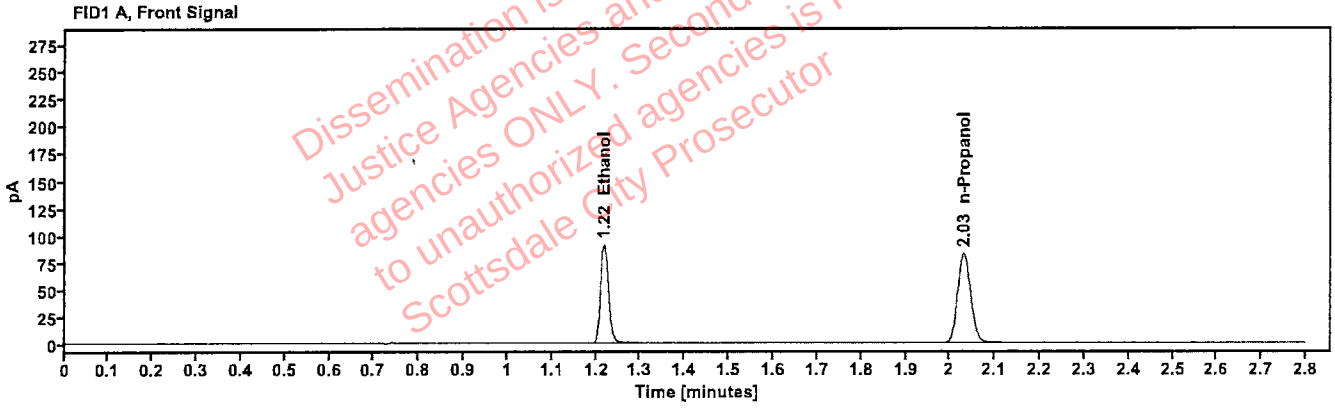
Compound	Time (min)	Peak Area
Ethanol	1.219	57.816
n-Propanol	2.030	166.664

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

Compound	Time (min)	Peak Area
Ethanol	1.366	63.653
n-Propanol	2.454	181.568

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	**Vial:**	3
Description:	0.200 calibrator	**Sequence:**	29Oct24
Method:	ethanol quant.M	**Injection date:**	10/29/2024 4:48:00 PM
Instrument:	US14173023 CN14160045	**Analyst:**	Brooke
Data file:	C:\Chem32\1\Data\29Oct24\3.D		



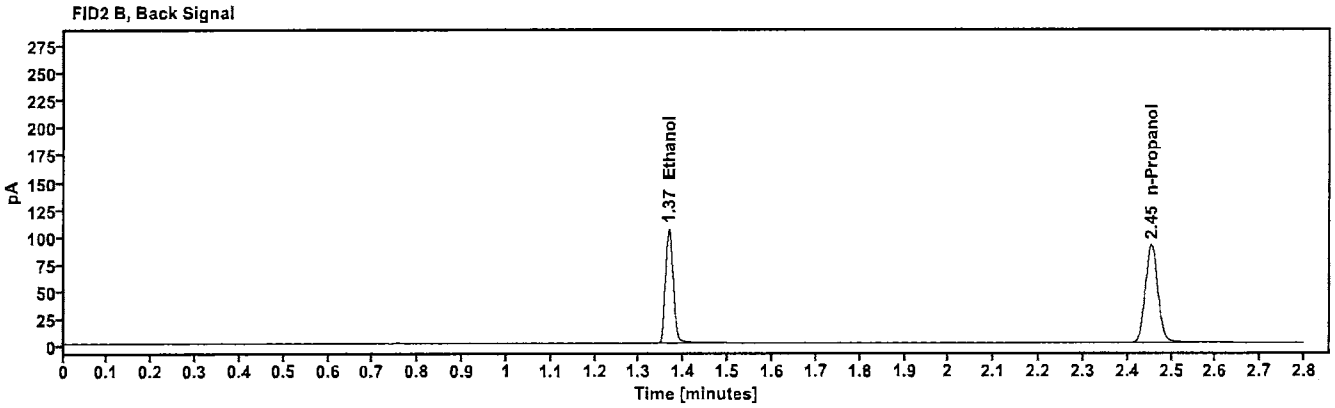


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	115.588
n-Propanol	2.031	164.963

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

Compound	Time (min)	Peak Area
Ethanol	1.366	127.324
n-Propanol	2.455	179.488

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	**Vial:**	4
Description:	0.400 calibrator	**Sequence:**	29Oct24
Method:	ethanol quant.M	**Injection date:**	10/29/2024 4:52:00 PM
Instrument:	US14173023 CN14160045	**Analyst:**	Brooke
Data file:	C:\Chem32\1\Data\29Oct24\4.D		

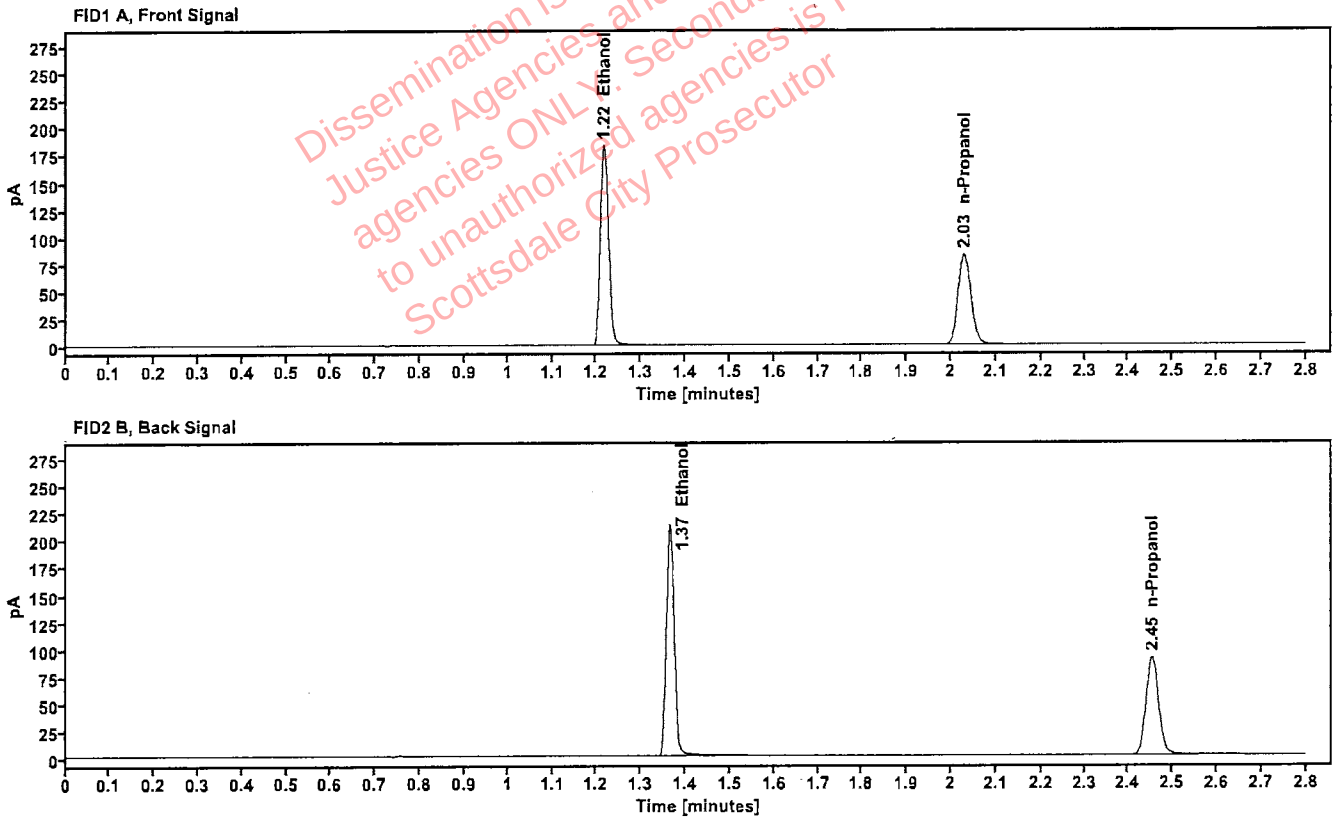


Table 1: FID 1 A (column DB-ALC1)

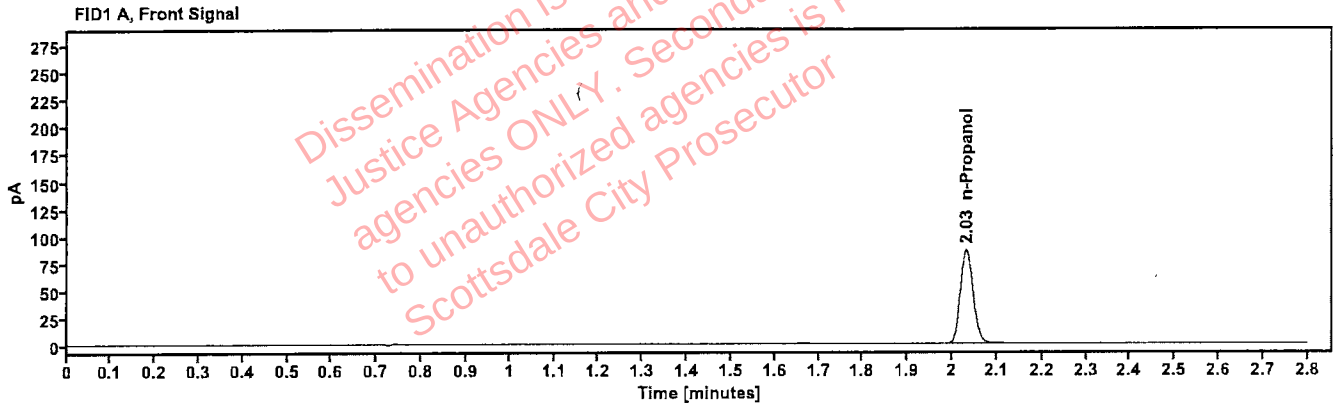
Compound	Time (min)	Peak Area
Ethanol	1.217	232.970
n-Propanol	2.030	165.568

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

Compound	Time (min)	Peak Area
Ethanol	1.365	256.904
n-Propanol	2.453	179.999

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050624WB	**Vial:**	5
Description:	Negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 4:56:00 PM
Data file:	C:\Chem32\1\Data\29Oct24\5.D	**Analyst:**	Brooke



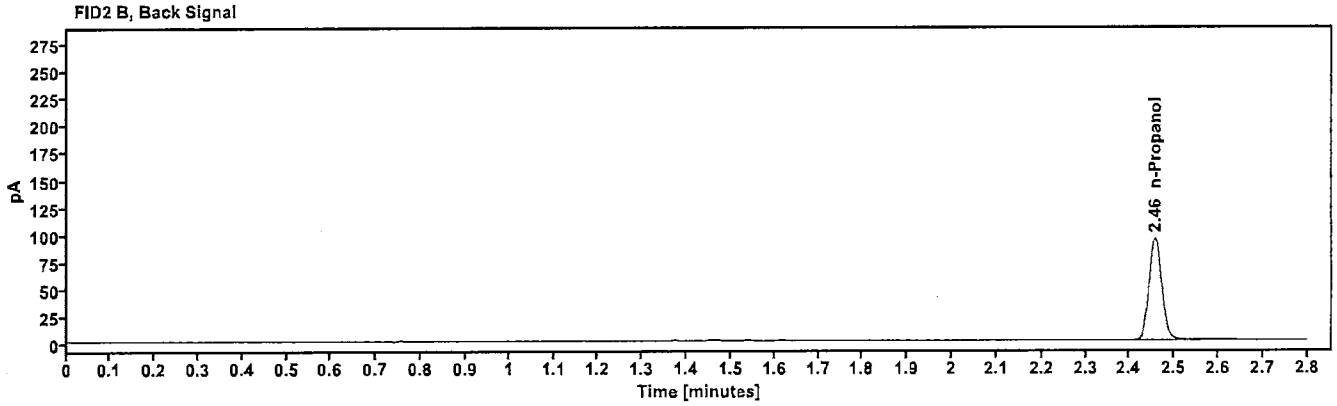


Table 1: FID 1 A (column DB-ALC1)

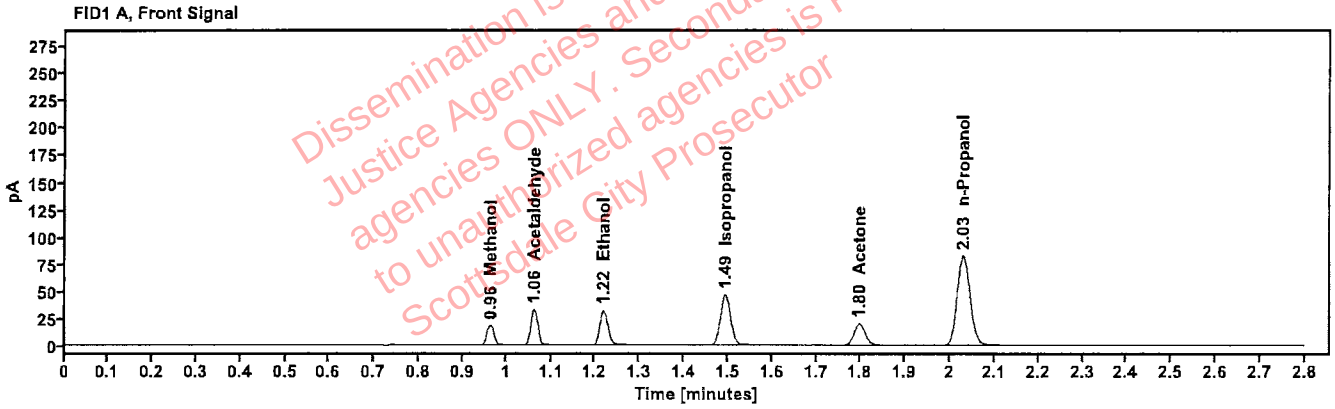
Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	------	2.032	171.890

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

Compound	Time (min)	Peak Area
n-Propanol	2.457	187.030

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	**Vial:**	6
Description:	Volatiles mix	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:00:00 PM
Data file:	C:\Chem32\1\Data\29Oct24\6.D	**Analyst:**	Brooke



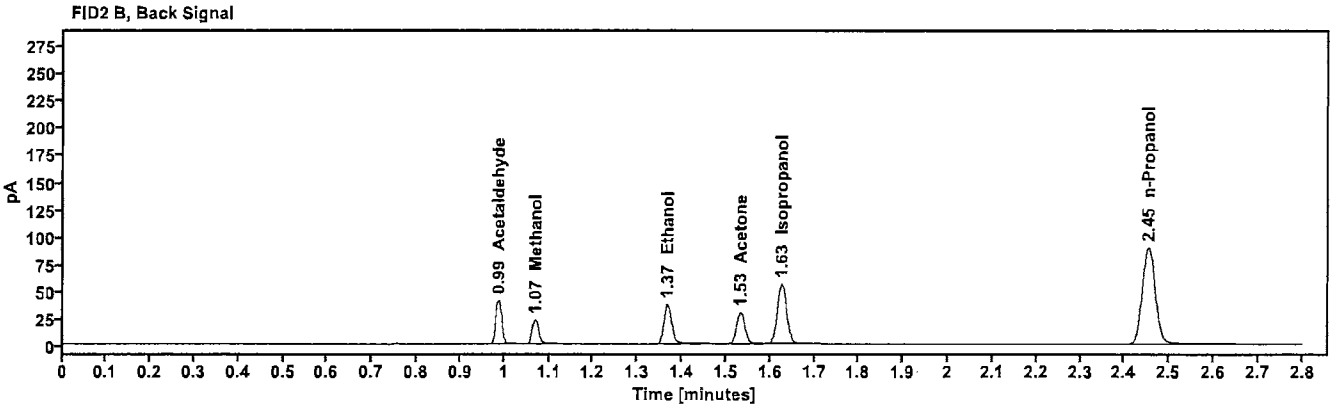


Table 1: FID 1 A (column DB-ALC1)

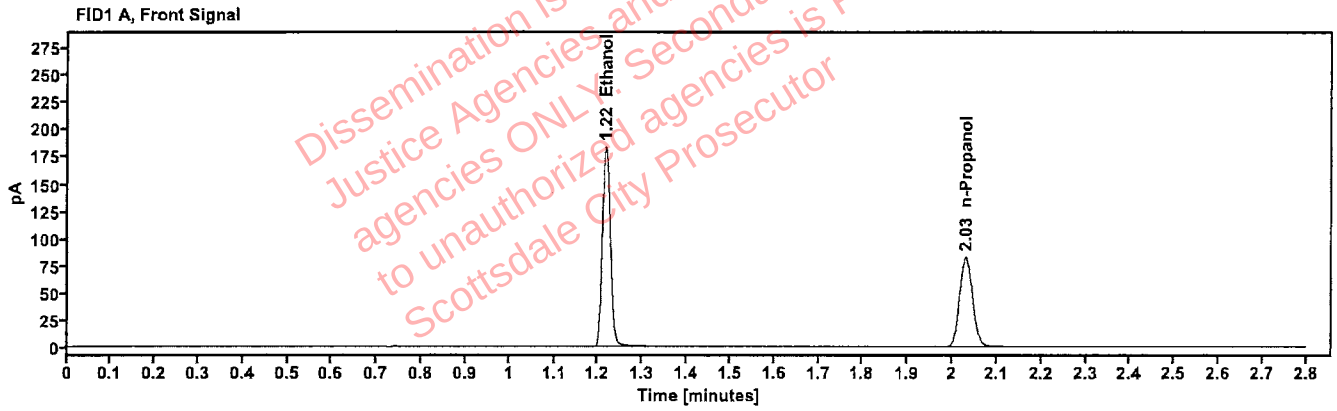
Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.963	20.796
Acetaldehyde	-----	1.062	35.906
>Ethanol	0.0712	1.218	40.650
Isopropanol	-----	1.494	74.190
Acetone	-----	1.797	34.401
n-Propanol	-----	2.030	164.593

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	40.377
Methanol	1.069	23.177
Ethanol	1.366	44.646
Acetone	1.532	37.980
Isopropanol	1.626	82.001
n-Propanol	2.453	179.005

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	**Vial:**	7
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:04:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\7.D	**Analyst:**	Brooke



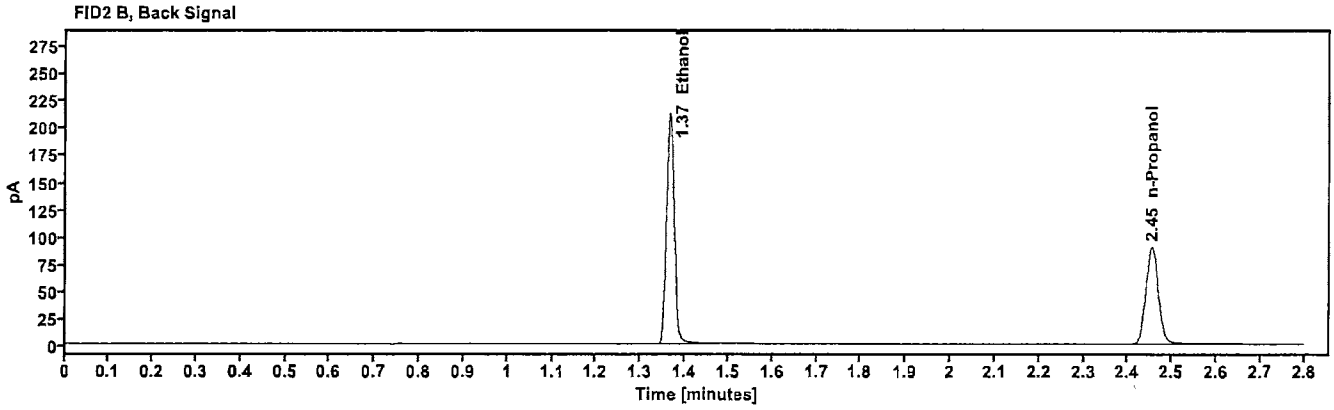


Table 1: FID 1 A (column DB-ALC1)

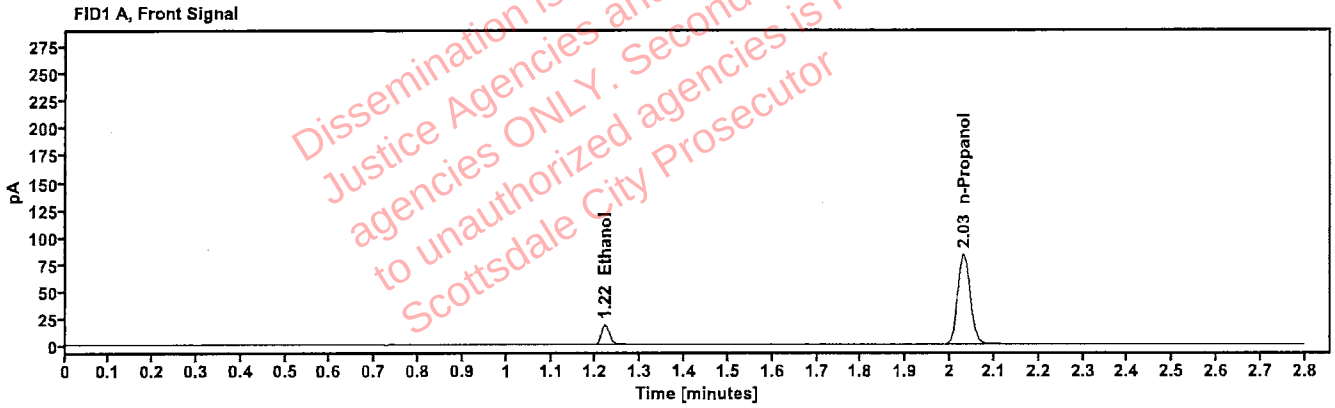
Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4012	1.217	232.722
n-Propanol	-----	2.030	164.971

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

Compound	Time (min)	Peak Area
Ethanol	1.365	256.845
n-Propanol	2.454	179.298

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	**Vial:**	8
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:08:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\8.D	**Analyst:**	Brooke



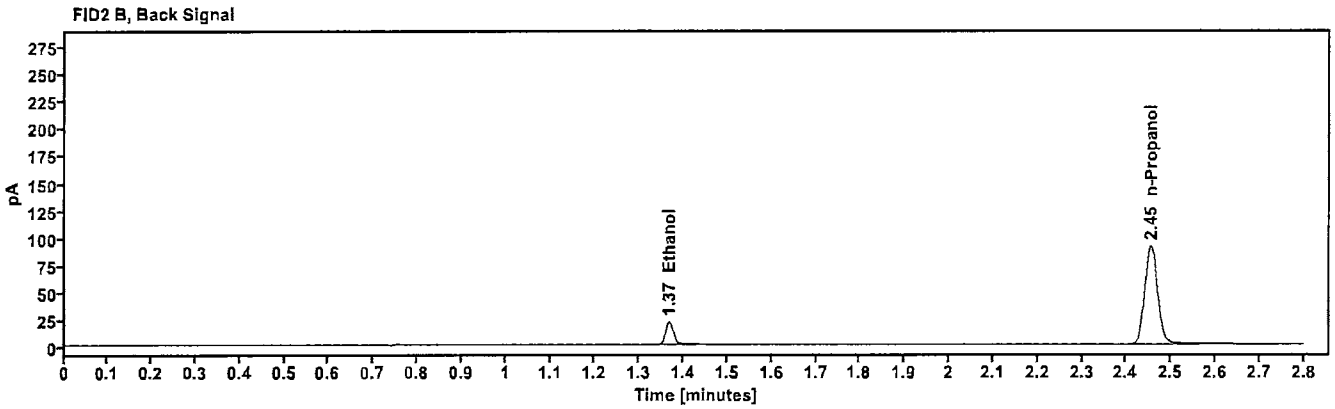


Table 1: FID 1 A (column DB-ALC1)

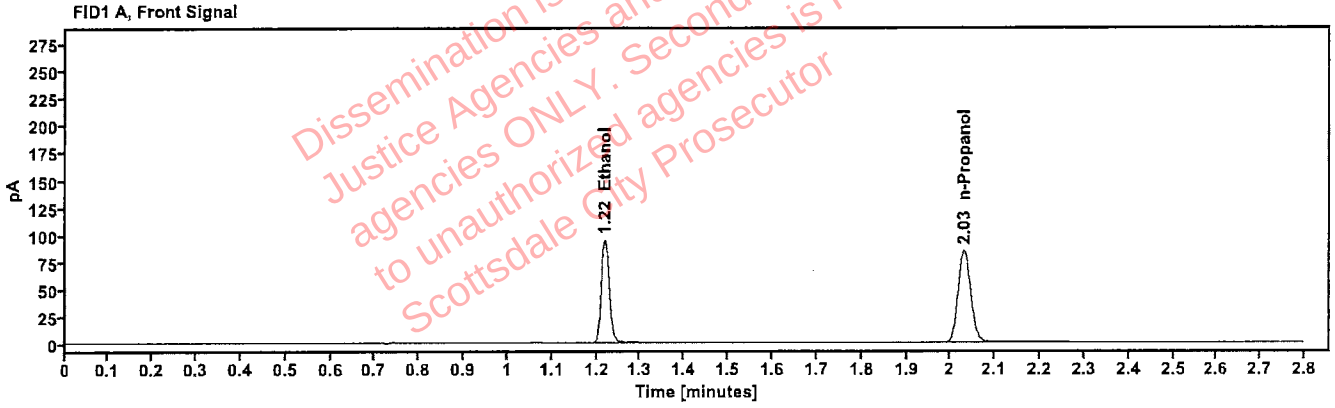
Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.220	23.217
n-Propanol	-----	2.031	166.730

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

Compound	Time (min)	Peak Area
Ethanol	1.367	25.383
n-Propanol	2.455	181.382

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	**Vial:**	9
Description:	0.199	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:12:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\9.D	**Analyst:**	Brooke



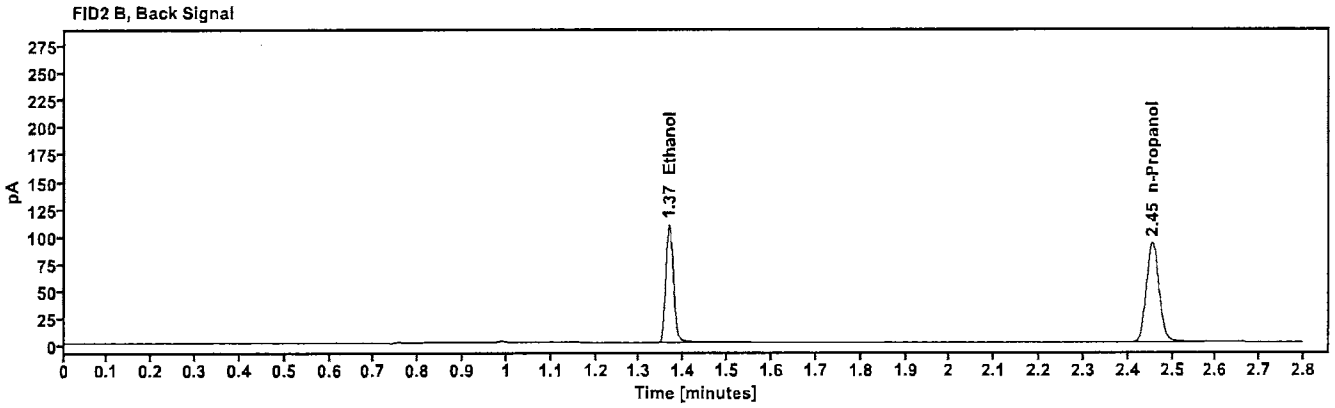


Table 1: FID 1 A (column DB-ALC1)

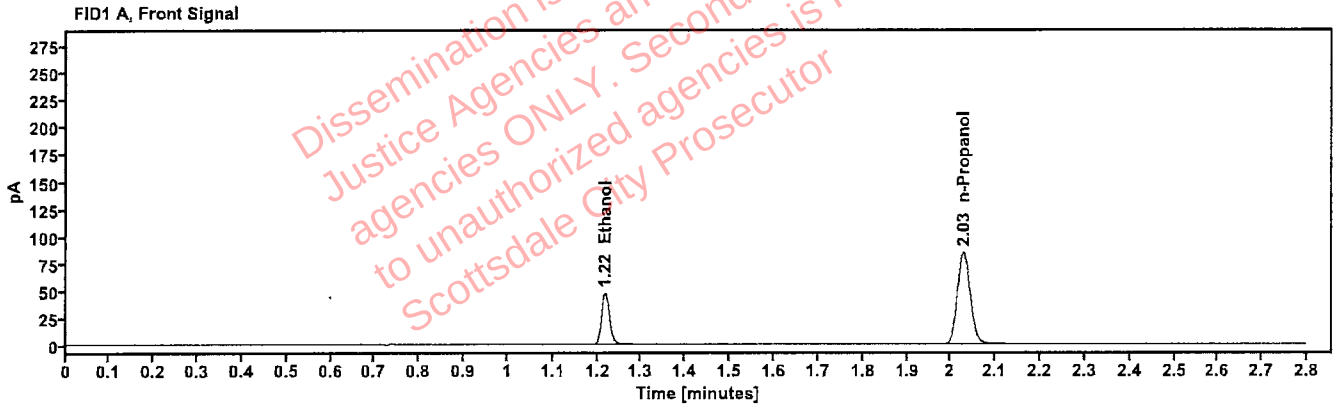
Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2028	1.218	119.692
n-Propanol	-----	2.031	168.341

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

Compound	Time (min)	Peak Area
Ethanol	1.367	131.592
n-Propanol	2.455	183.357

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	**Vial:**	20
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:56:45 PM
Data file:	C:\Chem32\1\Data\29Oct24\20.D	**Analyst:**	Brooke



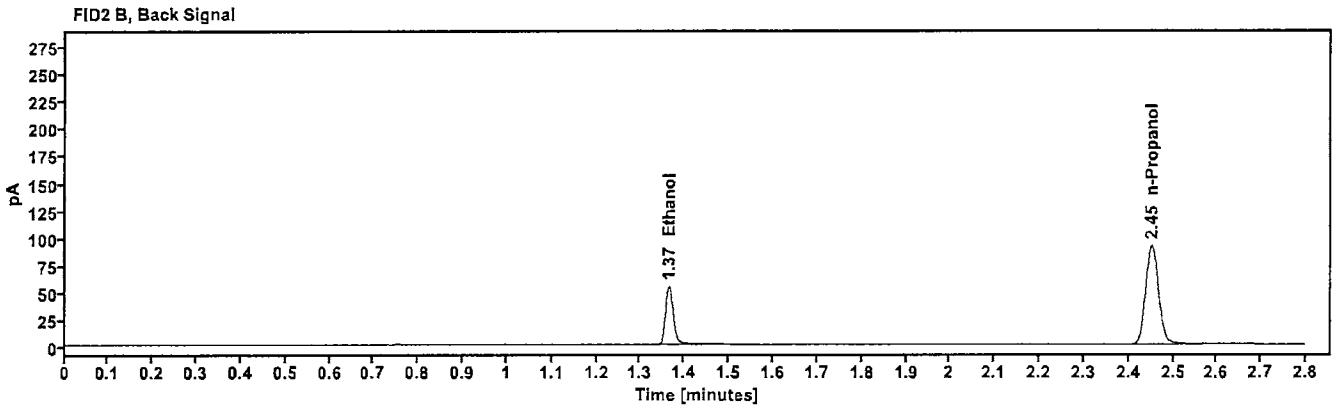


Table 1: FID 1 A (column DB-ALC1)

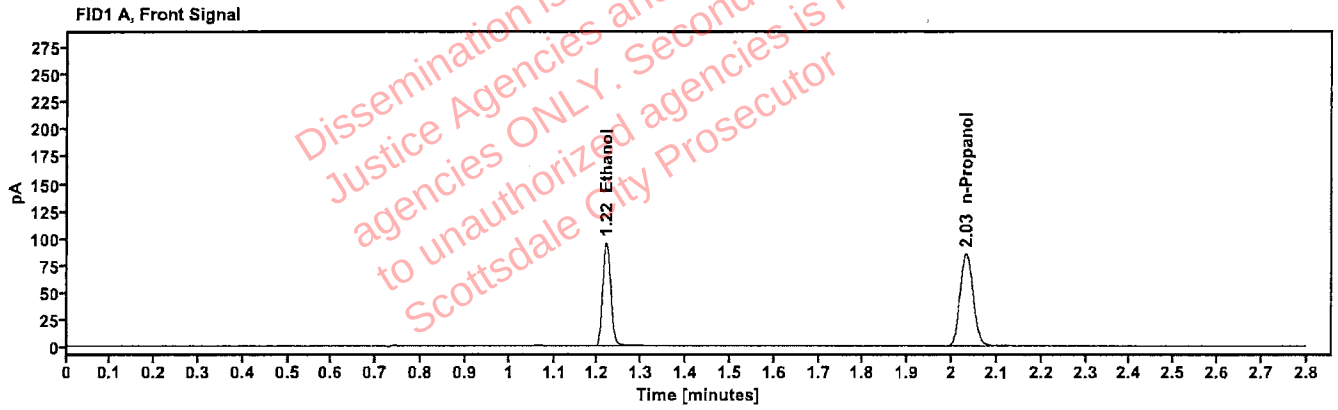
Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1016	1.217	59.787
n-Propanol	----	2.028	168.753

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

Compound	Time (min)	Peak Area
Ethanol	1.365	65.478
n-Propanol	2.452	183.054

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	**Vial:**	31
Description:	0.199	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:41:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\31.D	**Analyst:**	Brooke



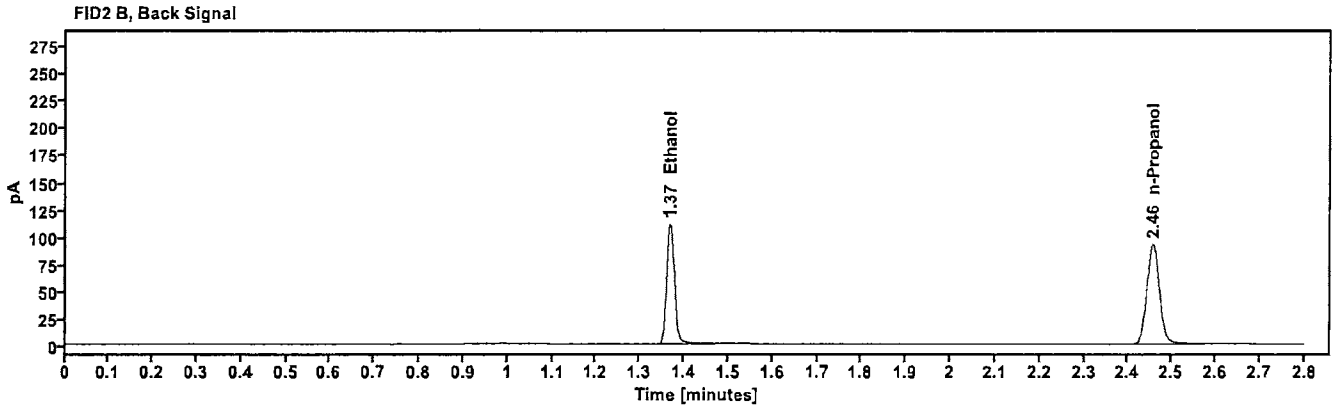


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2040	1.219	122.143
n-Propanol	-----	2.032	170.719

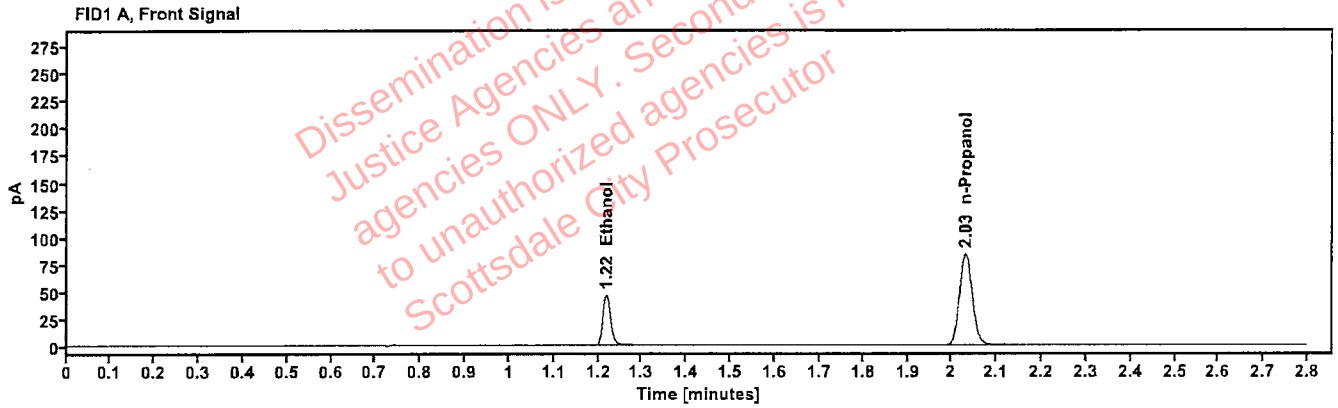
Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	134.407
n-Propanol	2.456	185.273

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	**Vial:**	42
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:25:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\42.D	**Analyst:**	Brooke

VRB



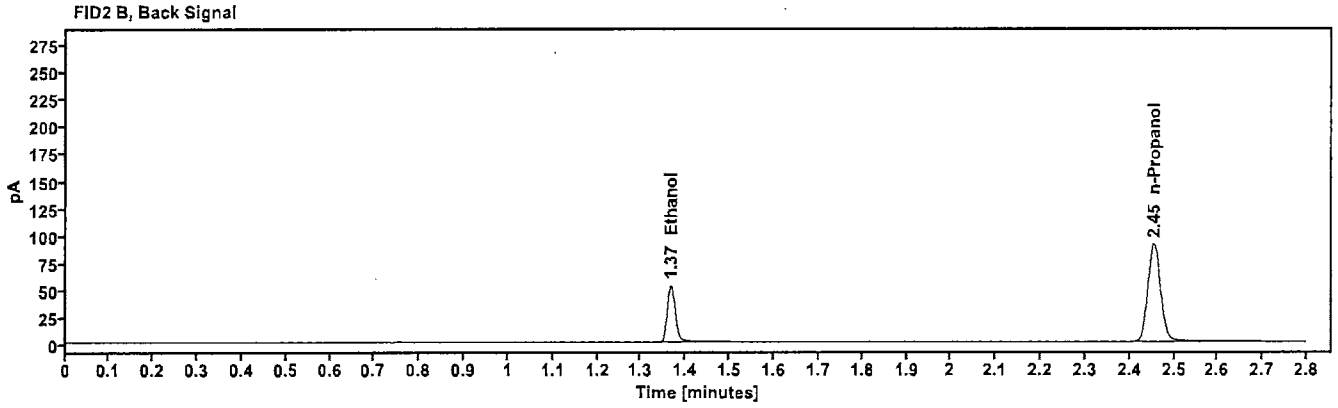


Table 1: FID 1 A (column DB-ALC1)

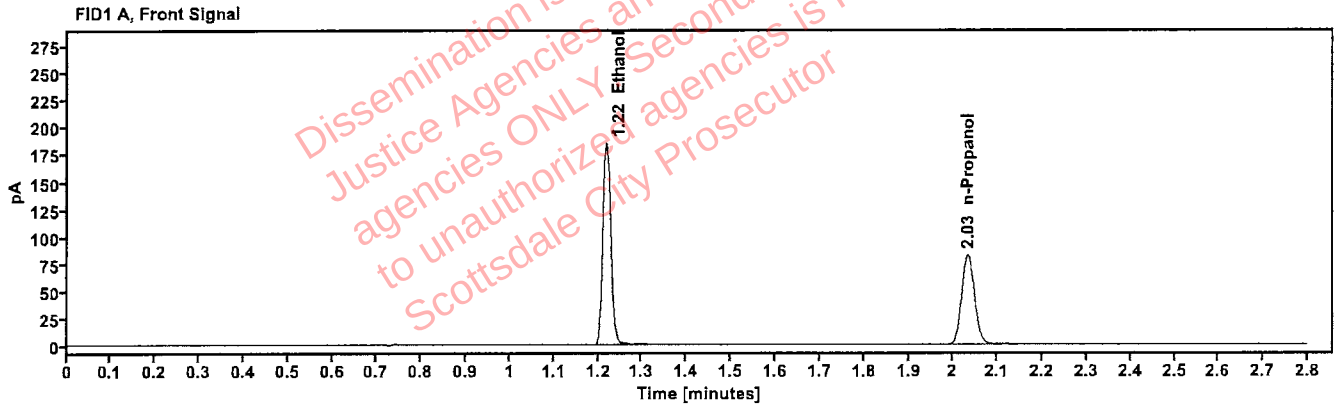
Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1007	1.219	58.691
n-Propanol	------	2.030	167.217

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

Compound	Time (min)	Peak Area
Ethanol	1.367	64.298
n-Propanol	2.455	181.408

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	**Vial:**	51
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 8:02:00 PM
Data file:	C:\Chem32\1\Data\29Oct24\51.D	**Analyst:**	Brooke



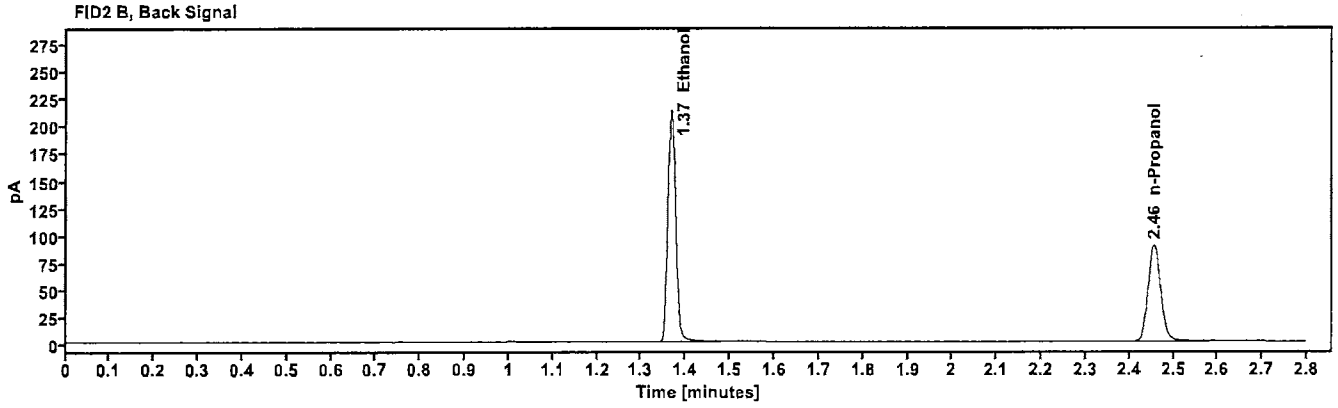


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4056	1.219	235.001
n-Propanol	-----	2.032	164.759

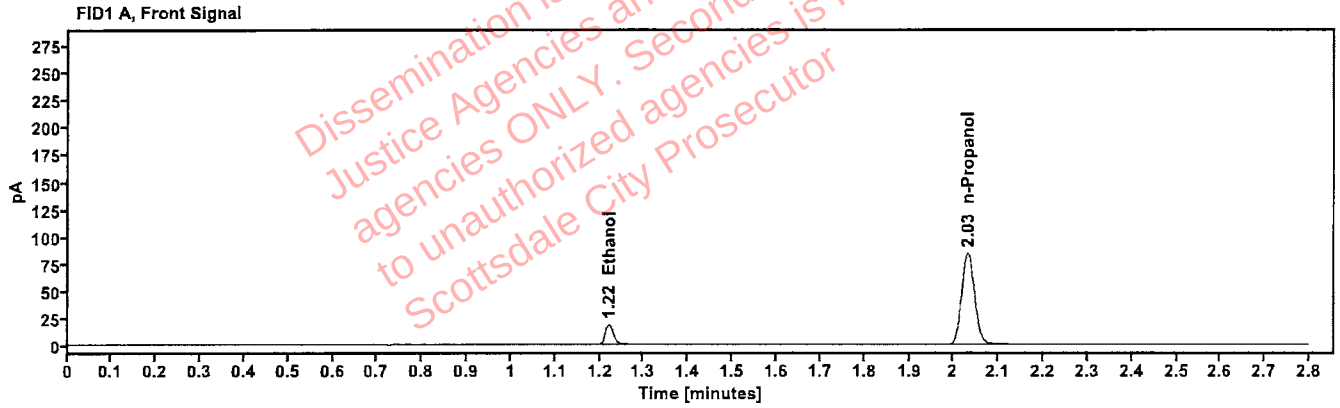
Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.368	258.902
n-Propanol	2.456	178.972

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	**Vial:**	52
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 8:06:00 PM
Data file:	C:\Chem32\1\Data\29Oct24\52.D	**Analyst:**	Brooke

YJB



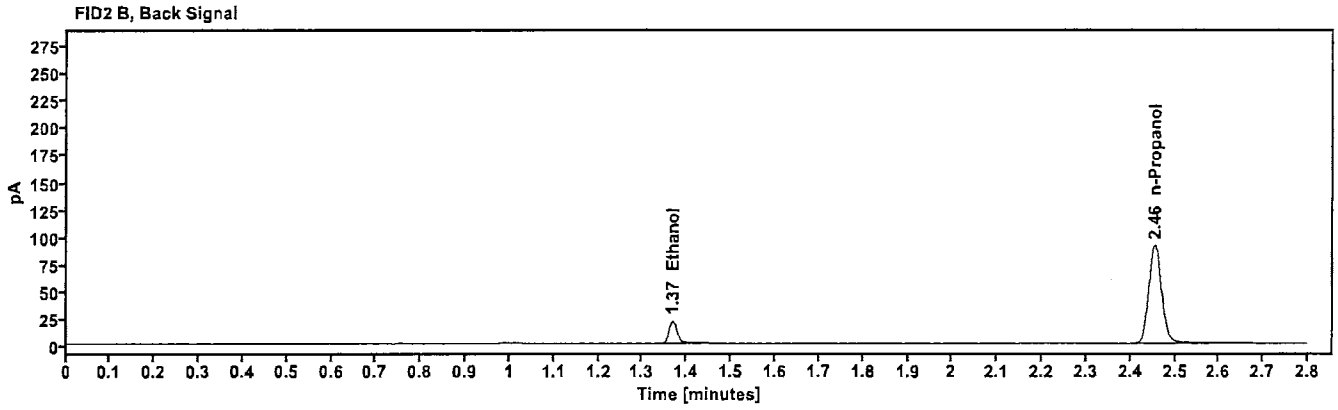


Table 1: FID 1 A (column DB-ALC1)

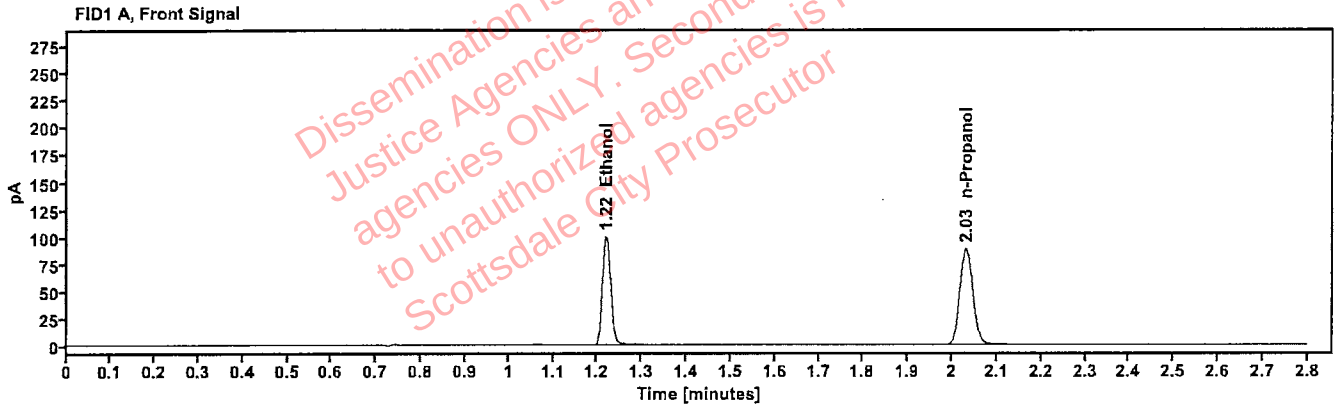
Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.220	23.765
n-Propanol	------	2.031	168.151

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

Compound	Time (min)	Peak Area
Ethanol	1.368	25.921
n-Propanol	2.455	182.763

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	**Vial:**	53
Description:	0.199	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 8:10:00 PM
Data file:	C:\Chem32\1\Data\29Oct24\53.D	**Analyst:**	Brooke



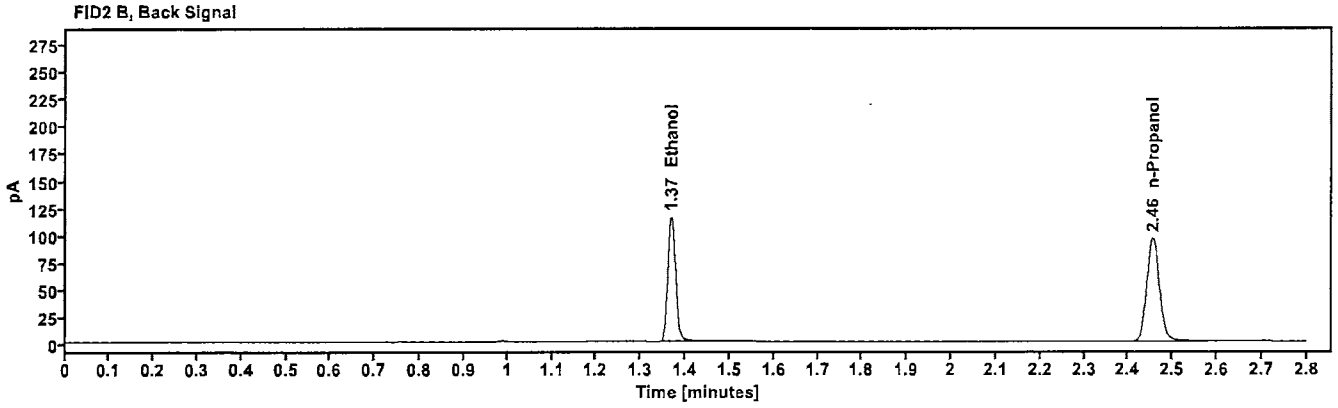


Table 1: FID 1 A (column DB-ALC1)

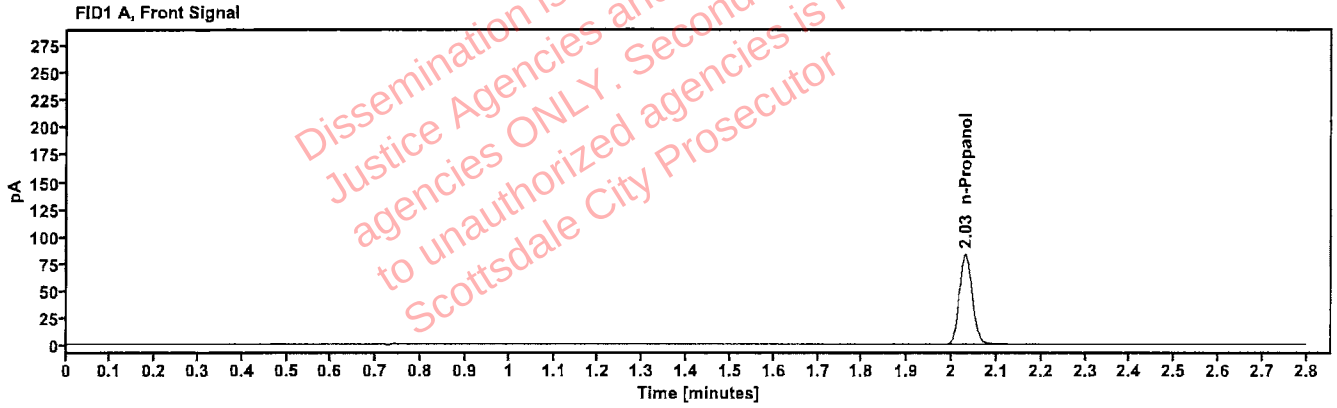
Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2051	1.219	127.241
n-Propanol	-----	2.031	176.885

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

Compound	Time (min)	Peak Area
Ethanol	1.368	140.227
n-Propanol	2.455	192.028

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	090524AQ	**Vial:**	54
Description:	Negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 8:14:01 PM
Data file:	C:\Chem32\1\Data\29Oct24\54.D	**Analyst:**	Brooke



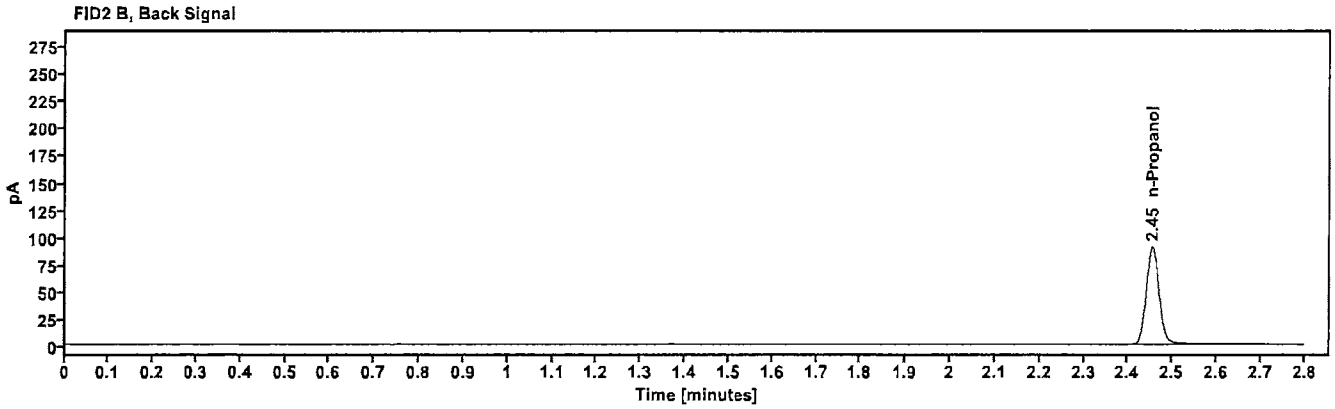


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	------	2.030	166.348

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

Compound	Time (min)	Peak Area
n-Propanol	2.454	180.443

Sequence Summary

PB3

Sequence name: 29Oct24 **Instrument:** US14173023 CN14160045 **Analyst:** Brooke

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	050624WB	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	4110320133/11	0.199	Control		ethanol quant.M
10	426-01T.Z.	[redacted]	Sample	[redacted]	ethanol quant.M
11	426-01T.Z.		Sample		ethanol quant.M
12	440-01R.S.		Sample		ethanol quant.M
13	440-01R.S.		Sample		ethanol quant.M
14	433-01P.W.		Sample		ethanol quant.M
15	433-01P.W.		Sample		ethanol quant.M
16	394-01R.M.		Sample		ethanol quant.M
17	394-01R.M.		Sample		ethanol quant.M
18	2421358-1		Sample		ethanol quant.M
19	2421358-1		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2421201-2	[redacted]	Sample	[redacted]	ethanol quant.M
22	2421201-2		Sample		ethanol quant.M
23	2421194-3		Sample		ethanol quant.M
24	2421194-3		Sample		ethanol quant.M
25	2421287-2		Sample		ethanol quant.M
26	2421287-2		Sample		ethanol quant.M
27	2407933-2		Sample		ethanol quant.M
28	2407933-2		Sample		ethanol quant.M
29	2419520-1		Sample		ethanol quant.M
30	2419520-1		Sample		ethanol quant.M
31	4110320133/11	0.199	Control		ethanol quant.M
32	2421522-2	[redacted]	Sample	[redacted]	ethanol quant.M
33	2421522-2		Sample		ethanol quant.M
34	2421454-2		Sample		ethanol quant.M
35	2421454-2		Sample		ethanol quant.M
36	2421542-1		Sample		ethanol quant.M
37	2421542-1		Sample		ethanol quant.M
38	2421540-3		Sample		ethanol quant.M
39	2421540-3 PB1		Sample		ethanol quant.M
40	2421545-2 Ka		Sample		ethanol quant.M
41	2421545-2 Kath		Sample		ethanol quant.M
42	517758 PB 10-30-24	0.100	Control		ethanol quant.M
43	2421611-1	[redacted]	Sample	[redacted]	ethanol quant.M
44	2421611-1		Sample		ethanol quant.M
45	2421761-1		Sample		ethanol quant.M
46	2421761-1		Sample		ethanol quant.M
47	2421729-1		Sample		ethanol quant.M

Sequence Summary

48	2421729-1	[redacted]	Sample	[redacted]	ethanol quant.M
49	2421806-2		Sample		ethanol quant.M
50	2421806-2		Sample		ethanol quant.M
51	12052023-B	0.400	Control		ethanol quant.M
52	518018	0.040	Control		ethanol quant.M
53	4110320133/11	0.199	Control		ethanol quant.M
54	090524AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory
Summary of Cases

SEQUENCE NAME: 29Oct24 ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2116	0.2129	0.21225	0.31	0.00065
12 13	0.0253	0.0254	0.02535	0.20	0.00005
14 15	0.0678	0.0677	0.06775	0.07	0.00005
16 17	0.1253	0.1242	0.12475	0.44	0.00055
18 19	0.2119	0.2126	0.21225	0.16	0.00035
21 22	0.1291	0.1298	0.12945	0.27	0.00035
23 24	0.2386	0.2390	0.23880	0.08	0.00020
25 26	0.1350	0.1360	0.13550	0.37	0.00050
27 28	0.1514	0.1531	0.15225	0.56	0.00085
29 30	0.0715	0.0710	0.07125	0.35	0.00025
32 33	0.1845	0.1830	0.18375	0.41	0.00075
34 35	0.1893	0.1889	0.18910	0.11	0.00020
36 37	0.1056	0.1050	0.10530	0.28	0.00030
38 39	0.1704	0.1692	0.16980	0.35	0.00060
40 41	0.1665	0.1637	0.16510	0.85	0.00140
43 44	0.2060	0.2055	0.20575	0.12	0.00025
45 46	0.0584	0.0579	0.05815	0.43	0.00025
47 48	0.0000	0.0000	0.00000	0.00	0.00000
49 50	0.1742	0.1736	0.17390	0.17	0.00030

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

Scottsdale Forensic Lab
Blood Alcohol Pipetting Log

ANALYST: Brooke **SEQUENCE:** 29Oct24

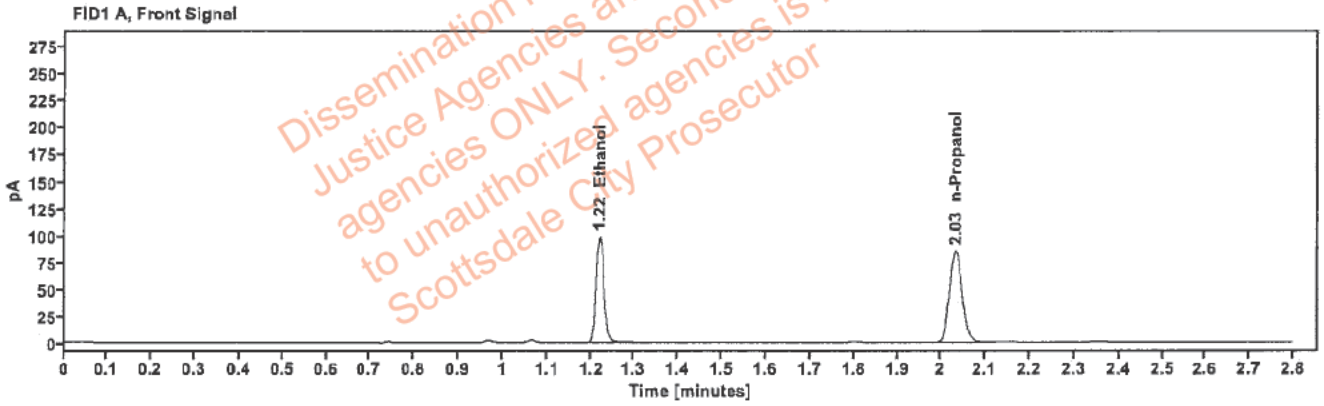
Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	426-01T.Z.	426-01T.Z.	426-01T.Z.	Yes
Vials 12 and 13	440-01R.S.	440-01R.S.	440-01R.S.	Yes
Vials 14 and 15	433-01P.W.	433-01P.W.	433-01P.W.	Yes
Vials 16 and 17	394-01R.M.	394-01R.M.	394-01R.M.	Yes
Vials 18 and 19	2421358-1	2421358-1	2421358-1	Yes
Vials 21 and 22	2421201-2	2421201-2	2421201-2	Yes
Vials 23 and 24	2421194-3	2421194-3	2421194-3	Yes
Vials 25 and 26	2421287-2	2421287-2	2421287-2	Yes
Vials 27 and 28	2407933-2	2407933-2	2407933-2	Yes
Vials 29 and 30	2419520-1	2419520-1	2419520-1	Yes
Vials 32 and 33	2421522-2	2421522-2	2421522-2	Yes
Vials 34 and 35	2421454-2	2421454-2	2421454-2	Yes
Vials 36 and 37	2421542-1	2421542-1	2421542-1	Yes
Vials 38 and 39	2421540-3	2421540-3	2421540-3	Yes
Vials 40 and 41	2421545-2	2421545-2	2421545-2	Yes
Vials 43 and 44	2421611-1	2421611-1	2421611-1	Yes
Vials 45 and 46	2421761-1	2421761-1	2421761-1	Yes
Vials 47 and 48	2421729-1	2421729-1	2421729-1	Yes
Vials 49 and 50	2421806-2	2421806-2	2421806-2	Yes

[redacted] **Brooke, Phillip - (30-Oct-2024)**

Case [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01T.Z.	**Vial:**	10
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:16:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\10.D	**Analyst:**	Brooke



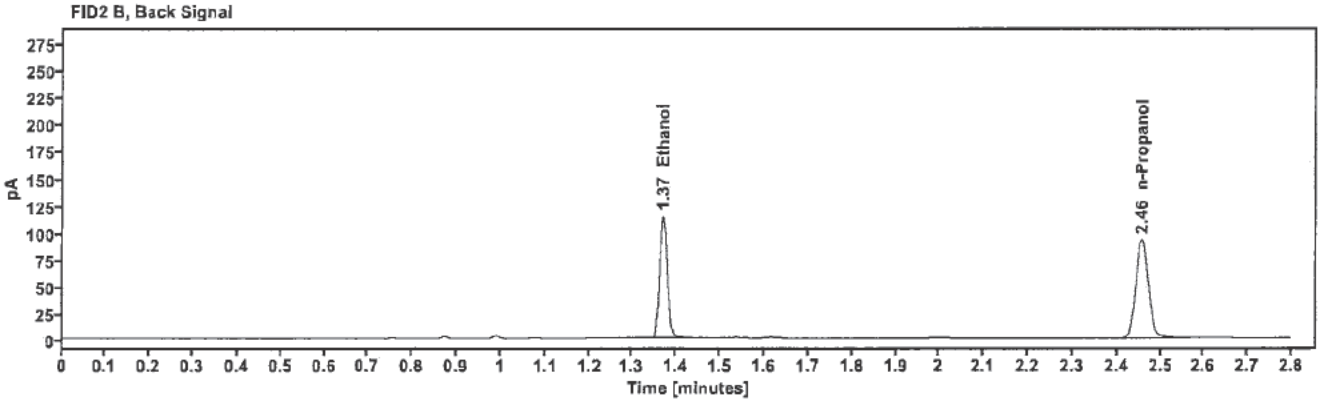


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2116	1.220	125.709
n-Propanol	-----	2.032	169.372

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

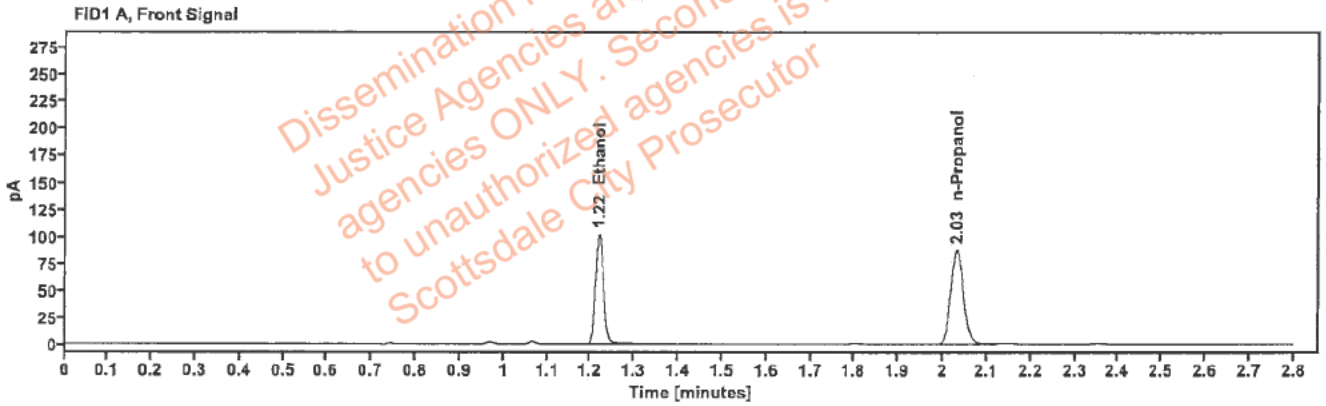
Compound	Time (min)	Peak Area
Ethanol	1.369	139.227
n-Propanol	2.457	184.282

[redacted] **Brooke, Phillip - (30-Oct-2024)**

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01T.Z.	**Vial:**	11
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:20:16 PM
Data file:	C:\Chem32\1\Data\29Oct24\11.D	**Analyst:**	Brooke



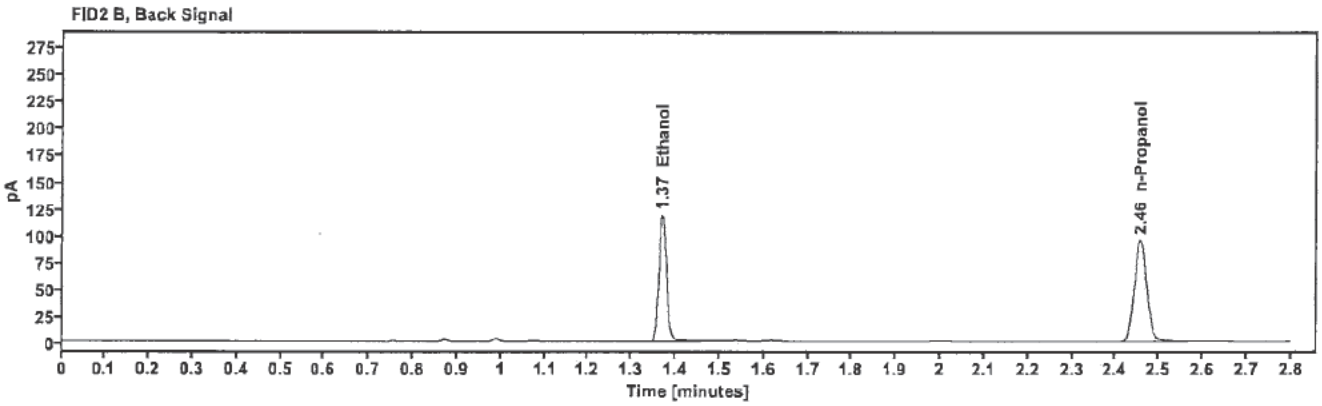


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2129	1.219	129.803
n-Propanol	-----	2.032	173.823

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

Compound	Time (min)	Peak Area
Ethanol	1.369	142.855
n-Propanol	2.457	189.041

[redacted] **Brooke, Phillip - (30-Oct-2024)**

Case: [redacted]ser: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	440-01R.S.	**Vial:**	12
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:24:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\12.D	**Analyst:**	Brooke

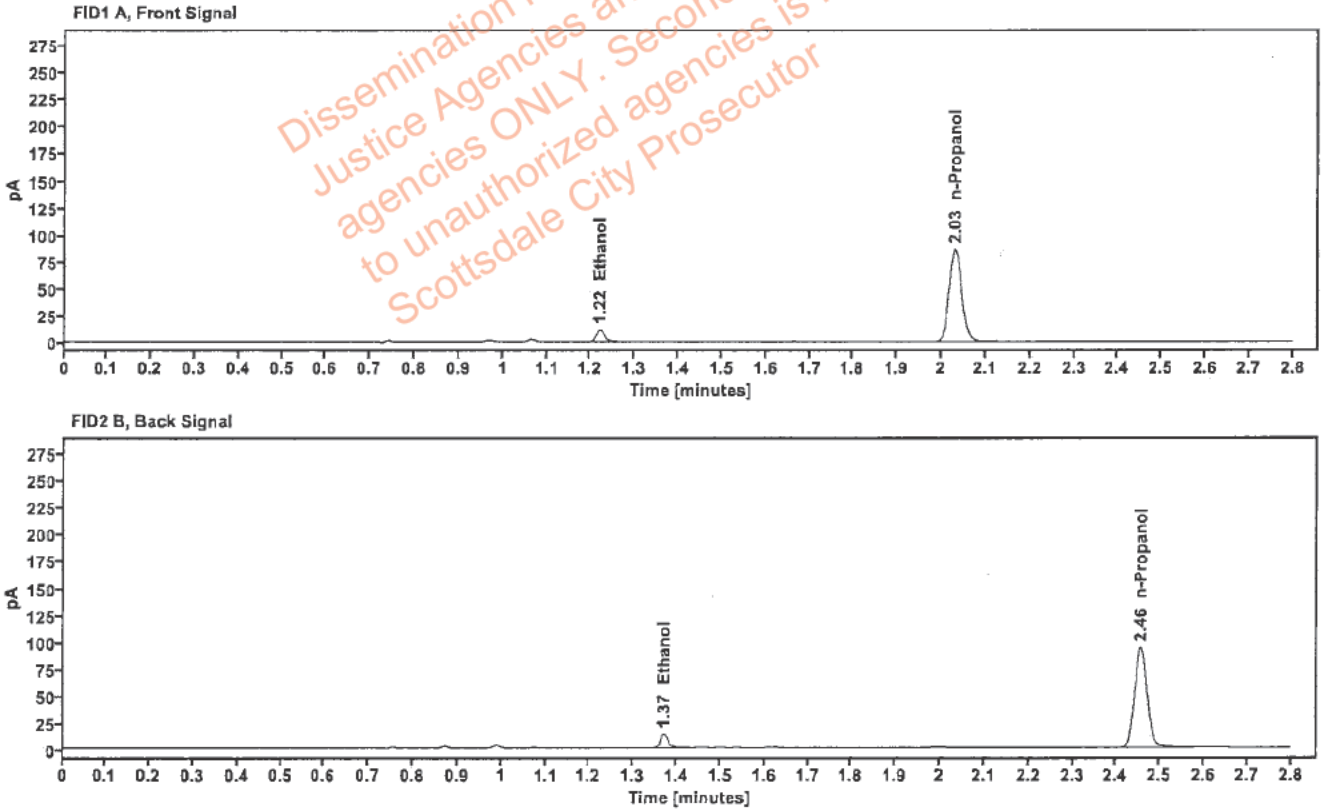


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0253	1.221	14.656
n-Propanol	-----	2.031	171.724

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

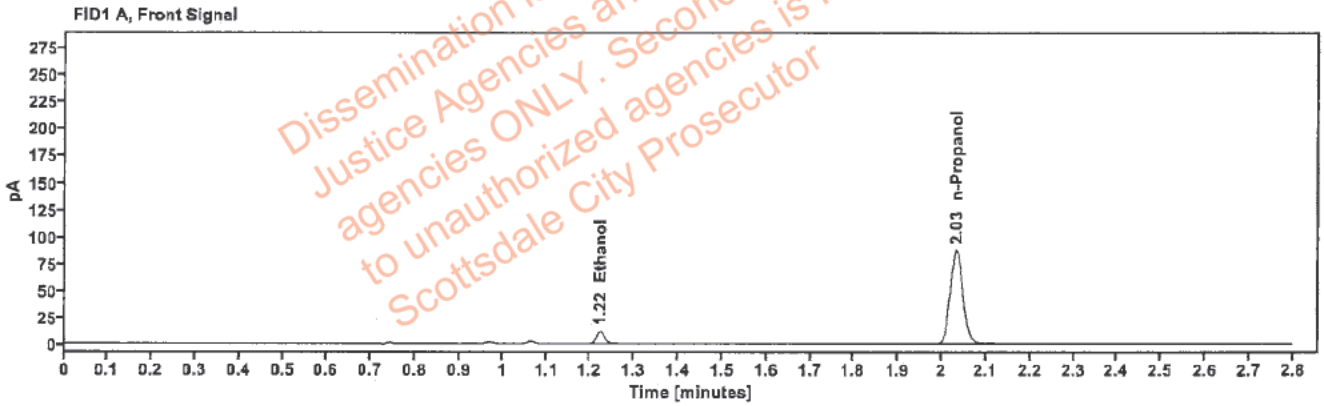
Compound	Time (min)	Peak Area
Ethanol	1.370	16.389
n-Propanol	2.456	186.860

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	440-01R.S.	**Vial:**	13
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:28:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\13.D	**Analyst:**	Brooke



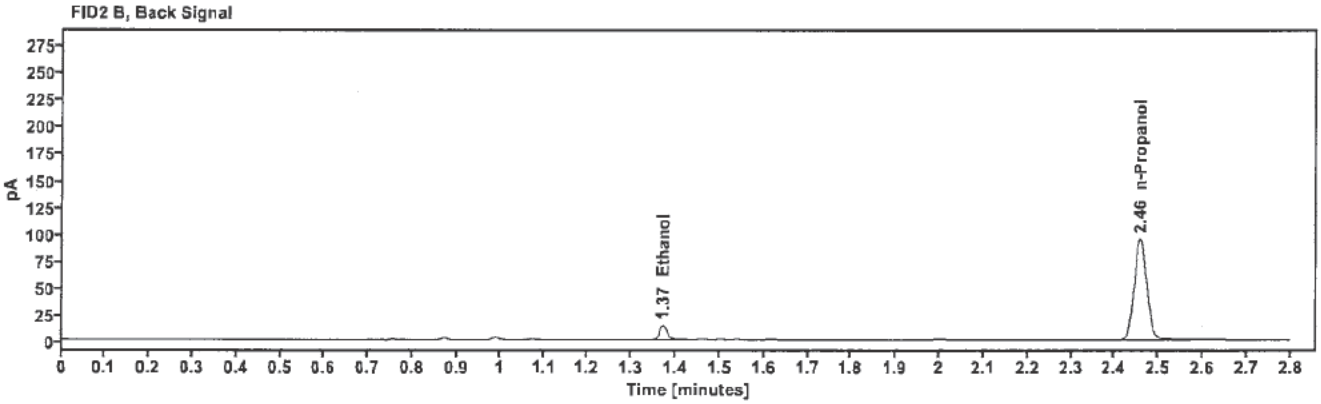


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0254	1.222	14.942
n-Propanol	-----	2.033	174.403

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

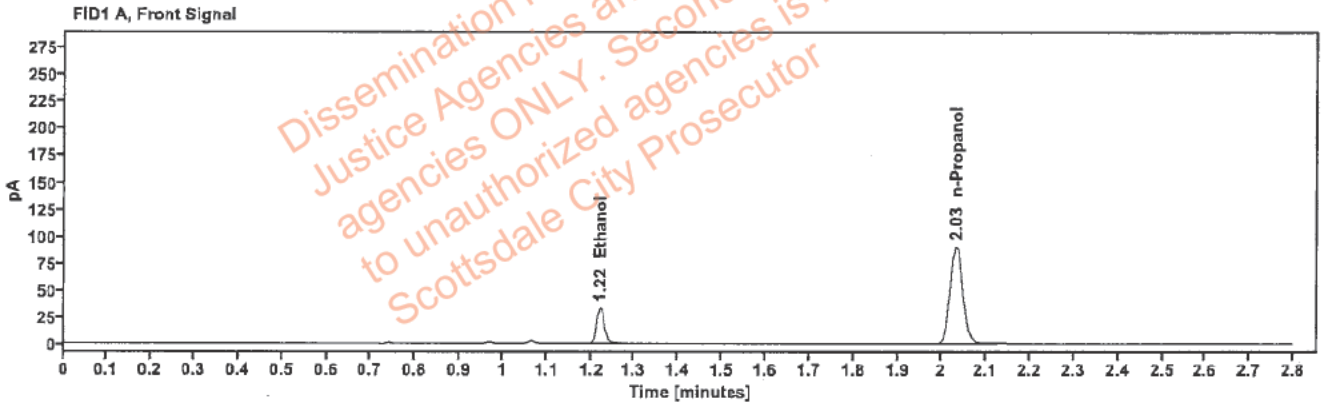
Compound	Time (min)	Peak Area
Ethanol	1.371	16.700
n-Propanol	2.458	189.726

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	433-01P.W.	**Vial:**	14
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:32:31 PM
Data file:	C:\Chem32\1\Data\29Oct24\14.D	**Analyst:**	Brooke



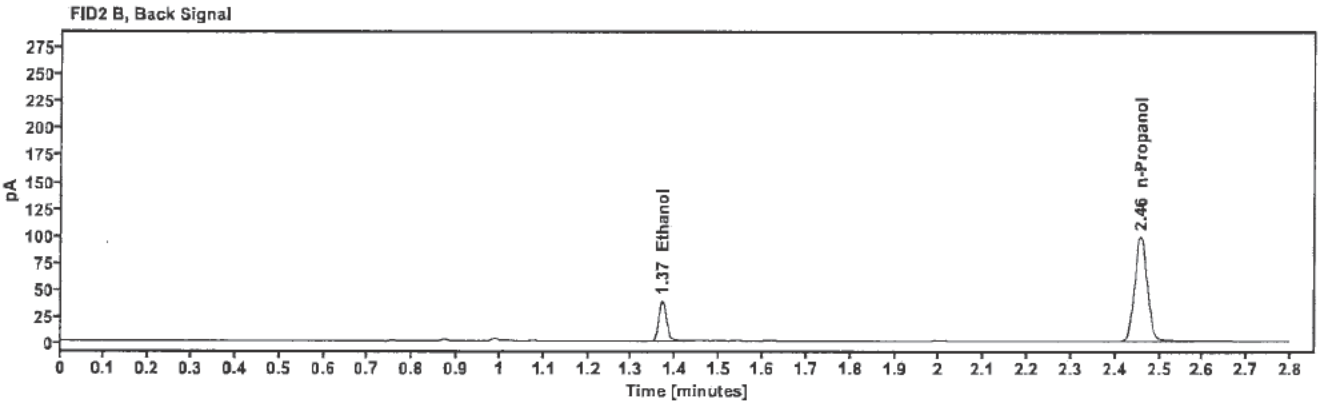


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0678	1.221	42.499
n-Propanol	-----	2.032	180.879

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

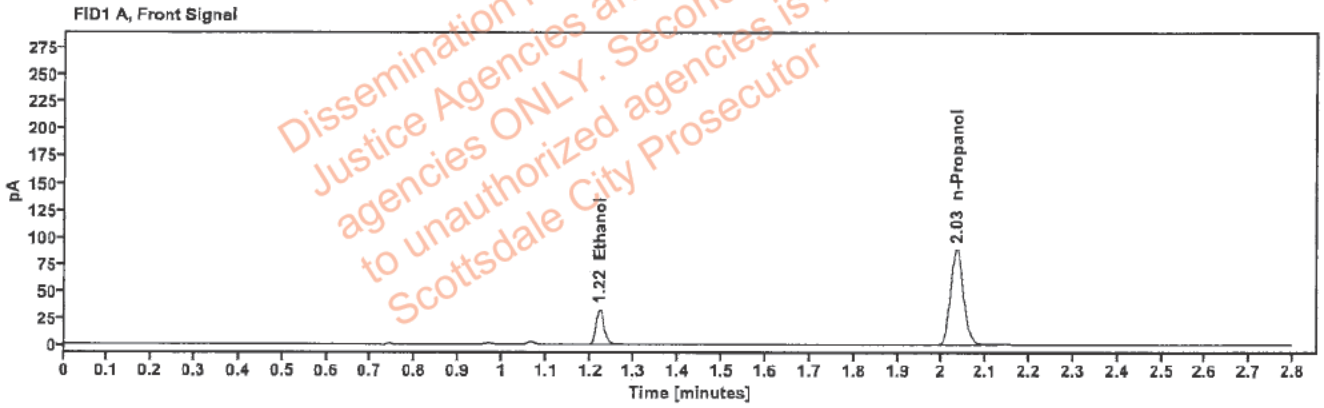
Compound	Time (min)	Peak Area
Ethanol	1.370	46.409
n-Propanol	2.457	196.944

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	433-01P.W.	**Vial:**	15
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:36:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\15.D	**Analyst:**	Brooke



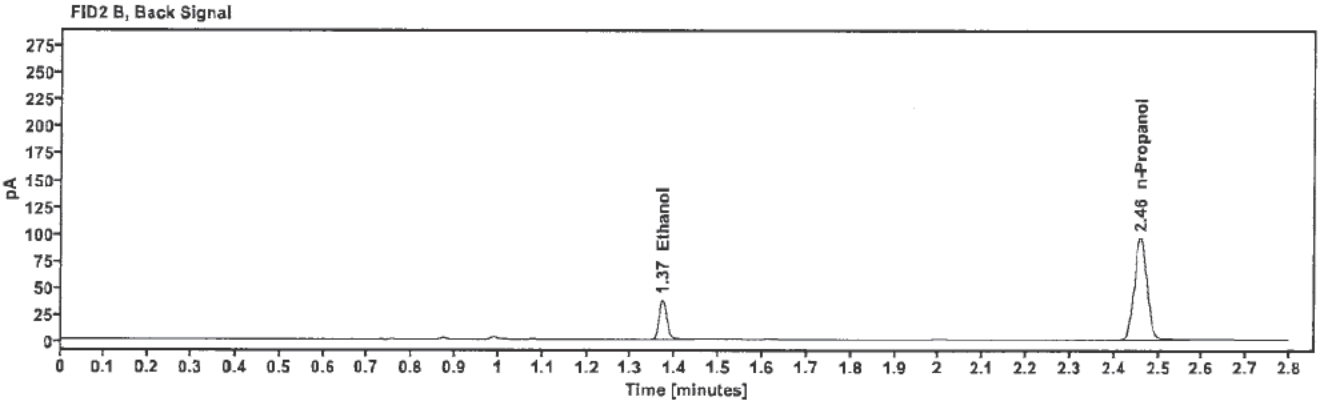


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0677	1.222	41.581
n-Propanol	----	2.033	177.215

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

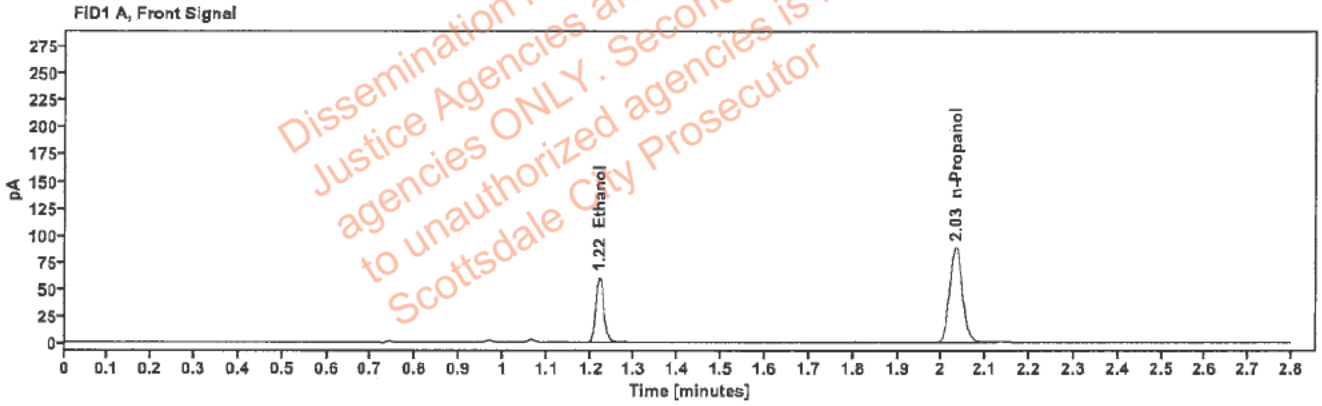
Compound	Time (min)	Peak Area
Ethanol	1.371	45.452
n-Propanol	2.458	192.646

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	394-01R.M.	**Vial:**	16
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:40:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\16.D	**Analyst:**	Brooke



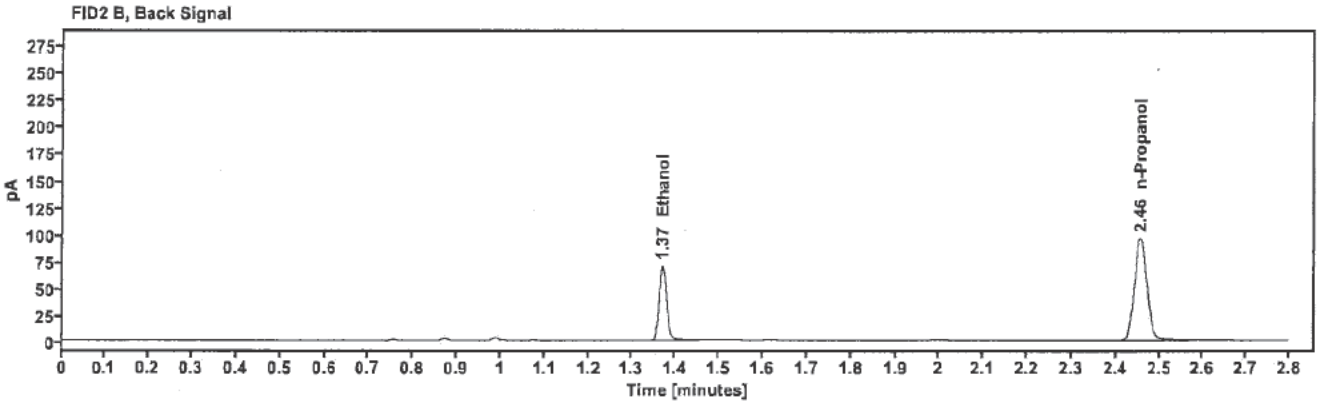


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1253	1.220	77.521
n-Propanol	-----	2.032	177.049

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

Compound	Time (min)	Peak Area
Ethanol	1.369	84.965
n-Propanol	2.457	192.359

[redacted] **Brooke, Phillip - (30-Oct-2024)**

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	394-01R.M.	**Vial:**	17
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:44:31 PM
Data file:	C:\Chem32\1\Data\29Oct24\17.D	**Analyst:**	Brooke

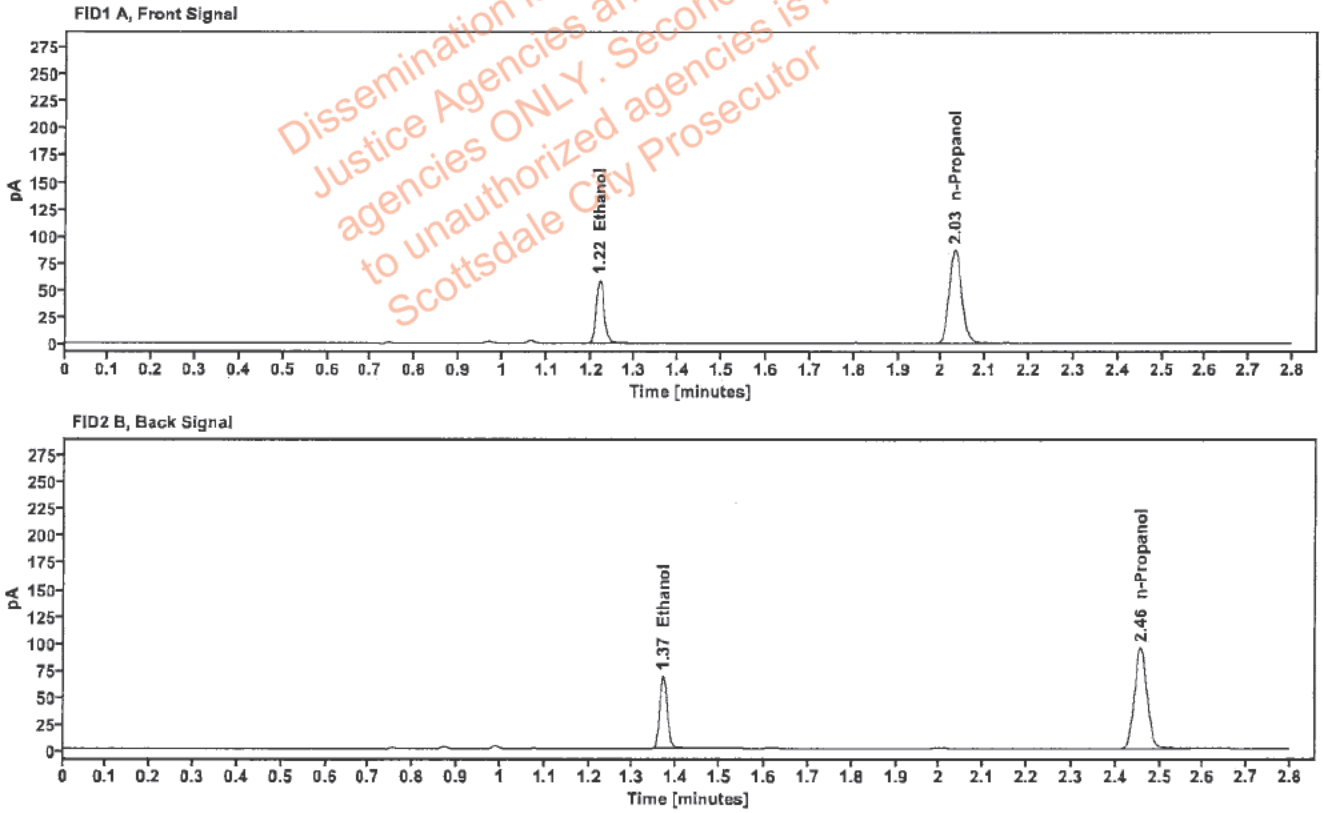


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1242	1.220	75.369
n-Propanol	-----	2.032	173.702

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

Compound	Time (min)	Peak Area
Ethanol	1.369	82.423
n-Propanol	2.456	188.701

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421358-1	**Vial:**	18
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:48:30 PM
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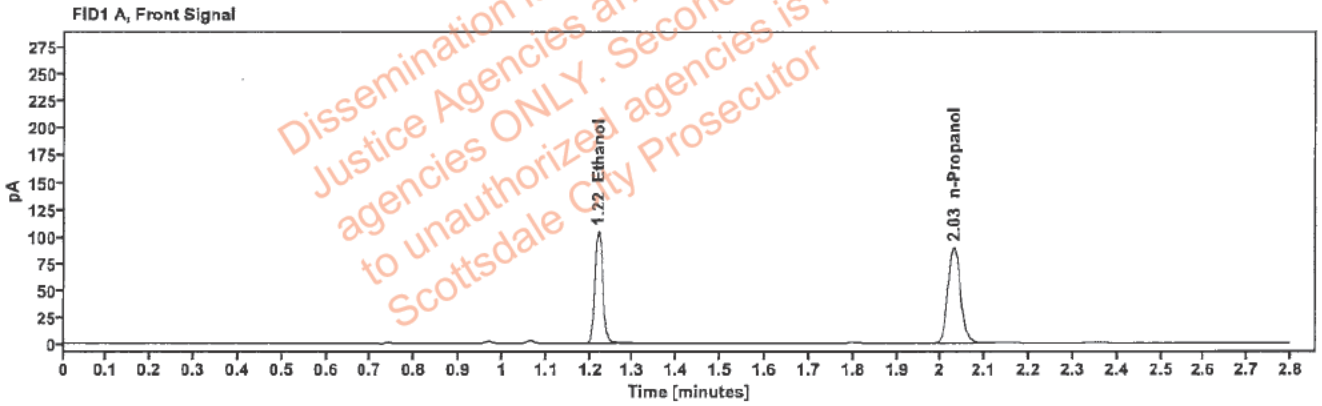


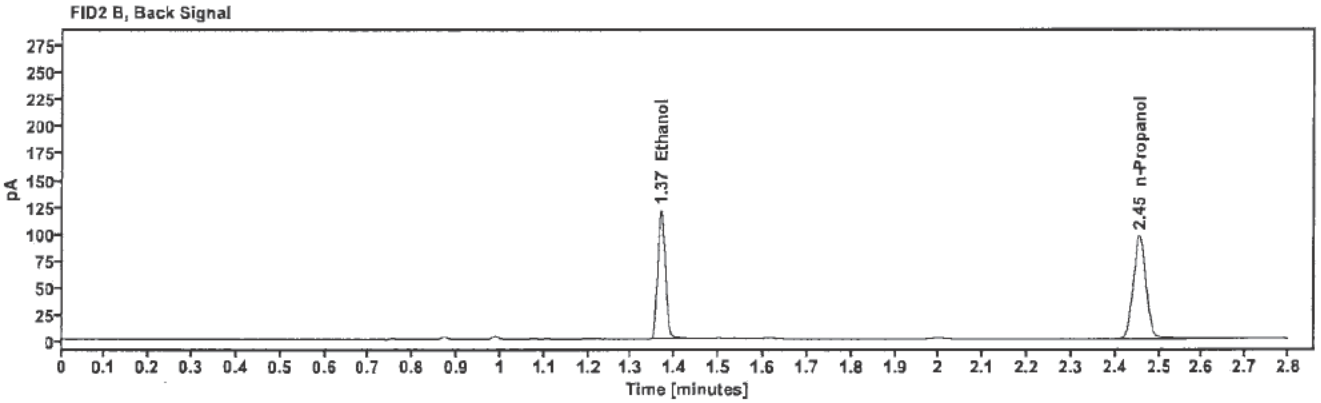


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2119	1.219	132.873
n-Propanol	-----	2.030	178.794

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

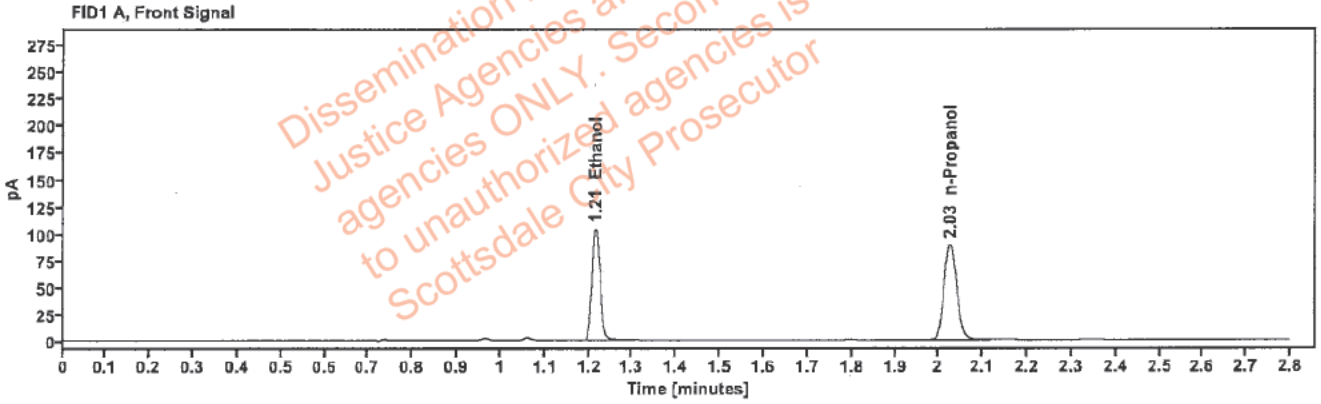
Compound	Time (min)	Peak Area
Ethanol	1.368	145.856
n-Propanol	2.454	193.218

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case[redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421358-1	**Vial:**	19
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 5:52:46 PM
Data file:	C:\Chem32\1\Data\29Oct24\19.D	**Analyst:**	Brooke



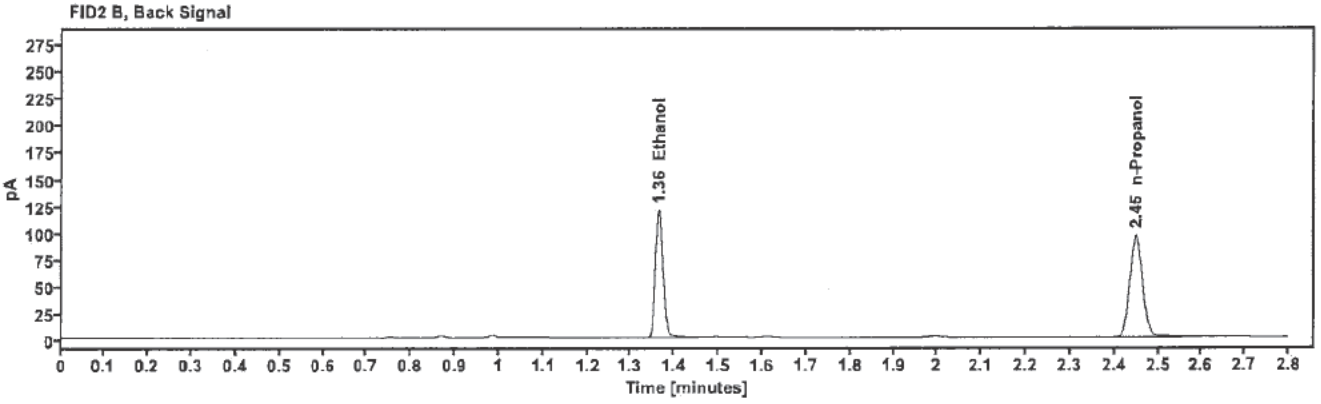


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2126	1.215	133.047
n-Propanol	----	2.025	178.387

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

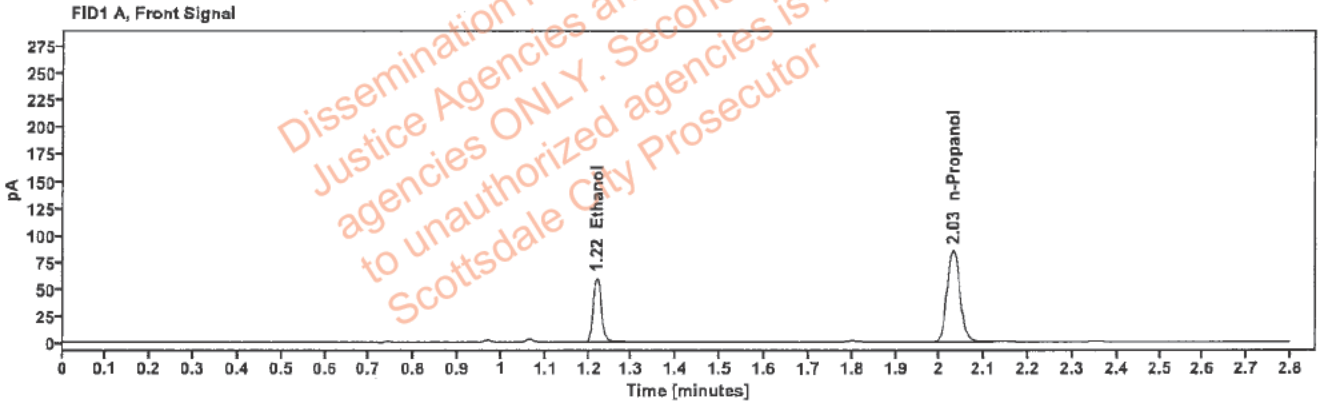
Compound	Time (min)	Peak Area
Ethanol	1.364	146.047
n-Propanol	2.449	192.580

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421201-2	**Vial:**	21
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:00:45 PM
Data file:	C:\Chem32\1\Data\29Oct24\21.D	**Analyst:**	Brooke



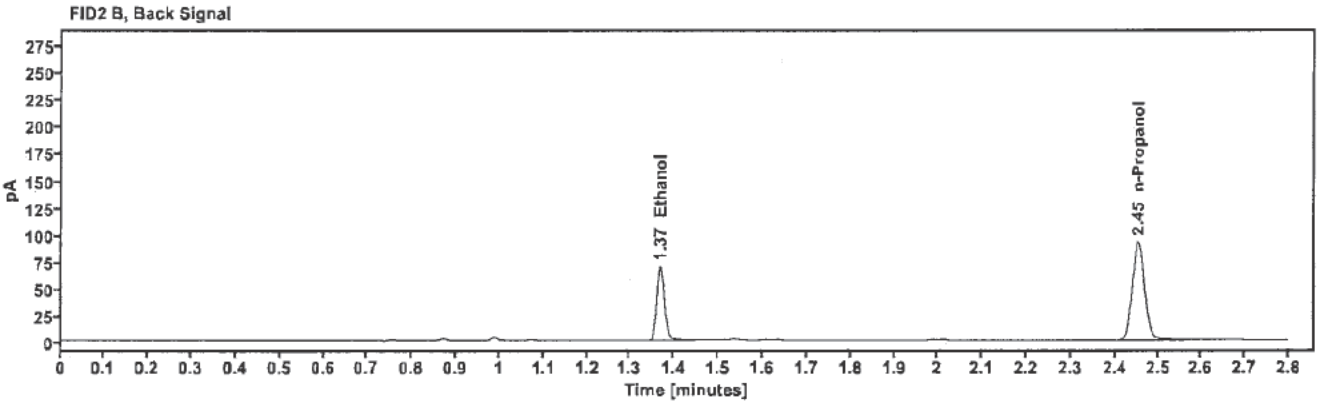


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1291	1.219	76.884
n-Propanol	----	2.030	170.411

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

Compound	Time (min)	Peak Area
Ethanol	1.368	84.132
n-Propanol	2.454	185.319

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421201-2	**Vial:**	22
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:04:45 PM
Data file:	C:\Chem32\1\Data\29Oct24\22.D	**Analyst:**	Brooke

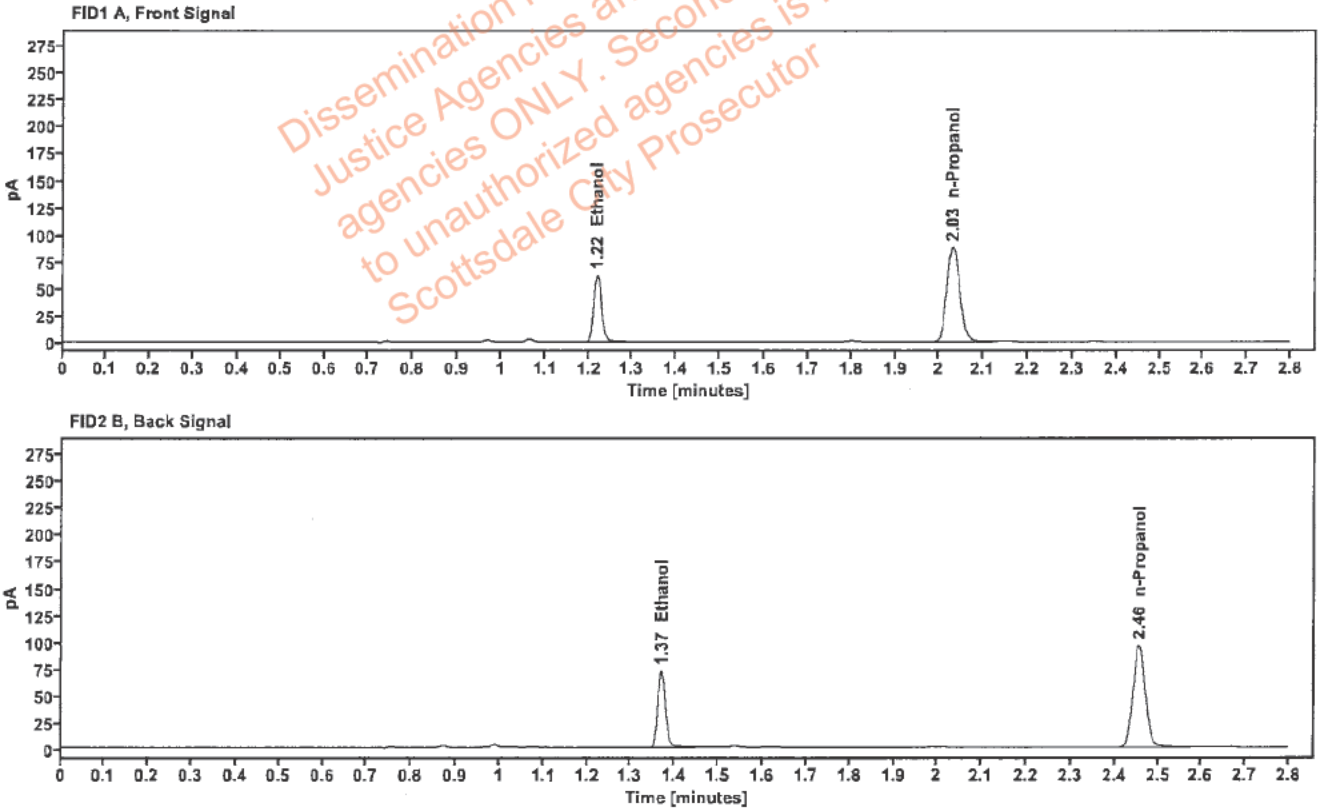


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1298	1.220	79.572
n-Propanol	-----	2.031	175.337

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

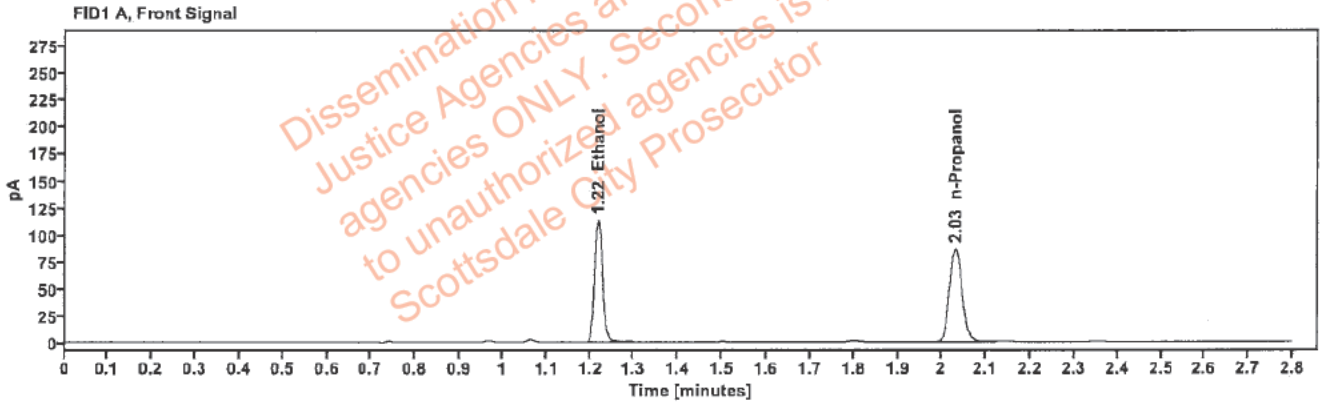
Compound	Time (min)	Peak Area
Ethanol	1.369	87.249
n-Propanol	2.456	190.814

[redacted] **Brooke, Phillip - (30-Oct-2024)**

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421194-3	**Vial:**	23
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:08:45 PM
Data file:	C:\Chem32\1\Data\29Oct24\23.D	**Analyst:**	Brooke



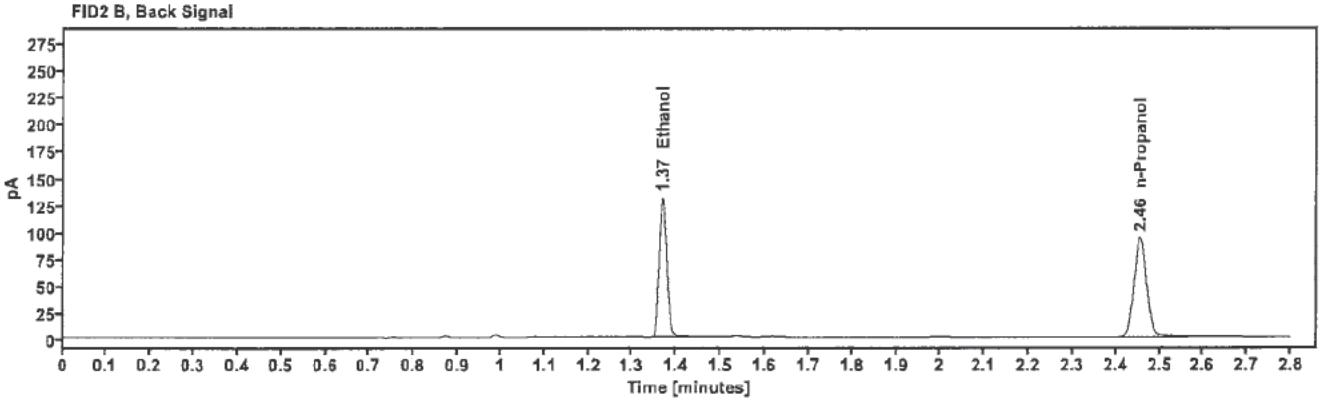


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2386	1.218	144.347
n-Propanol	-----	2.031	172.356

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

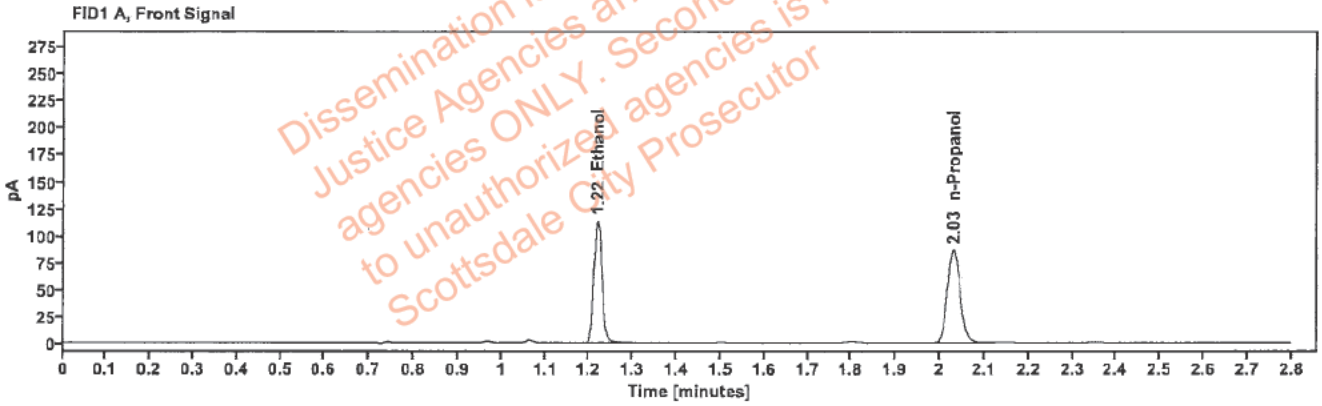
Compound	Time (min)	Peak Area
Ethanol	1.368	158.324
n-Propanol	2.455	187.001

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421194-3	**Vial:**	24
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:12:46 PM
Data file:	C:\Chem32\1\Data\29Oct24\24.D	**Analyst:**	Brooke



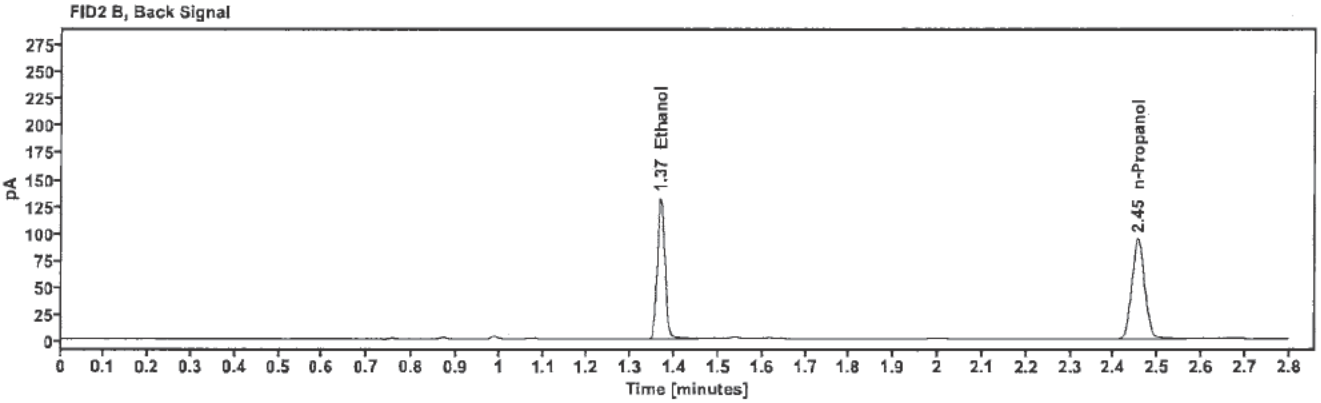


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2390	1.218	144.982
n-Propanol	-----	2.030	172.849

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

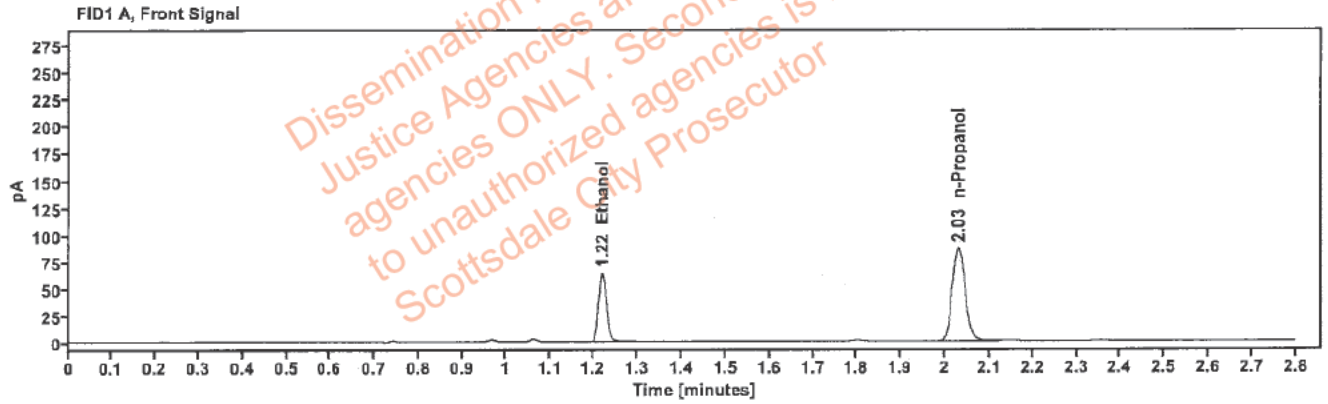
Compound	Time (min)	Peak Area
Ethanol	1.367	159.404
n-Propanol	2.455	187.379

[redacted] Brooke, Phillip - (30-Oct-2024)

Case [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421287-2	**Vial:**	25
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:17:00 PM
Data file:	C:\Chem32\1\Data\29Oct24\25.D	**Analyst:**	Brooke



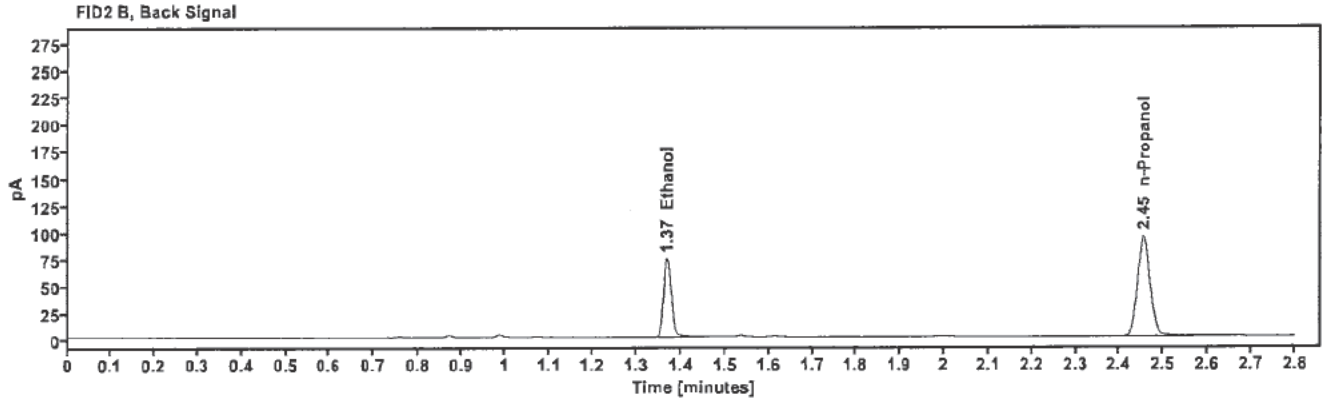


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1350	1.219	81.566
n-Propanol	——	2.030	172.792

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

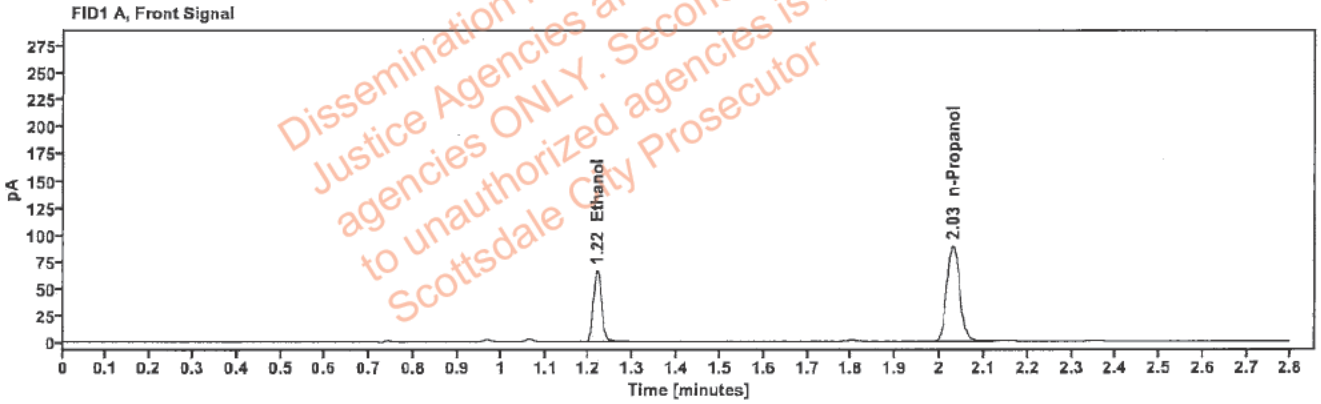
Compound	Time (min)	Peak Area
Ethanol	1.367	89.552
n-Propanol	2.455	187.652

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421287-2	**Vial:**	26
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:21:01 PM
Data file:	C:\Chem32\1\Data\29Oct24\26.D	**Analyst:**	Brooke



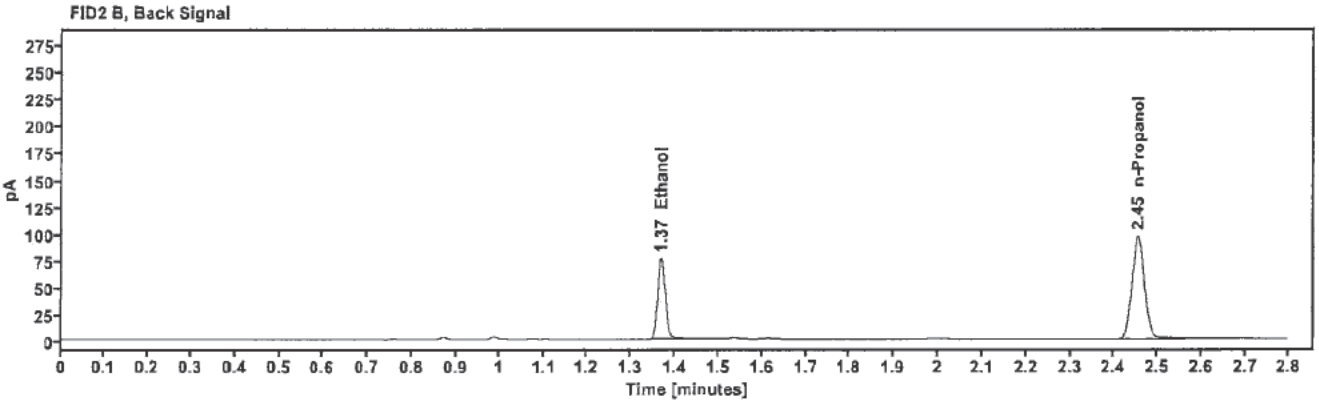


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1360	1.219	84.512
n-Propanol	-----	2.030	177.758

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

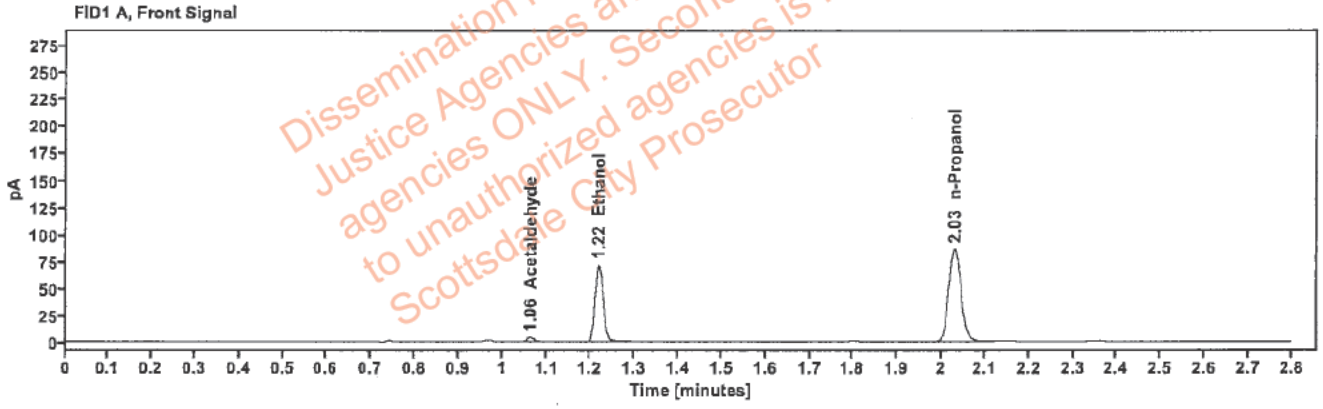
Compound	Time (min)	Peak Area
Ethanol	1.368	92.677
n-Propanol	2.454	192.841

[redacted] **Brooke, Phillip - (30-Oct-2024)**

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2407933-2	**Vial:**	27
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:25:00 PM
Data file:	C:\Chem32\1\Data\29Oct24\27.D	**Analyst:**	Brooke



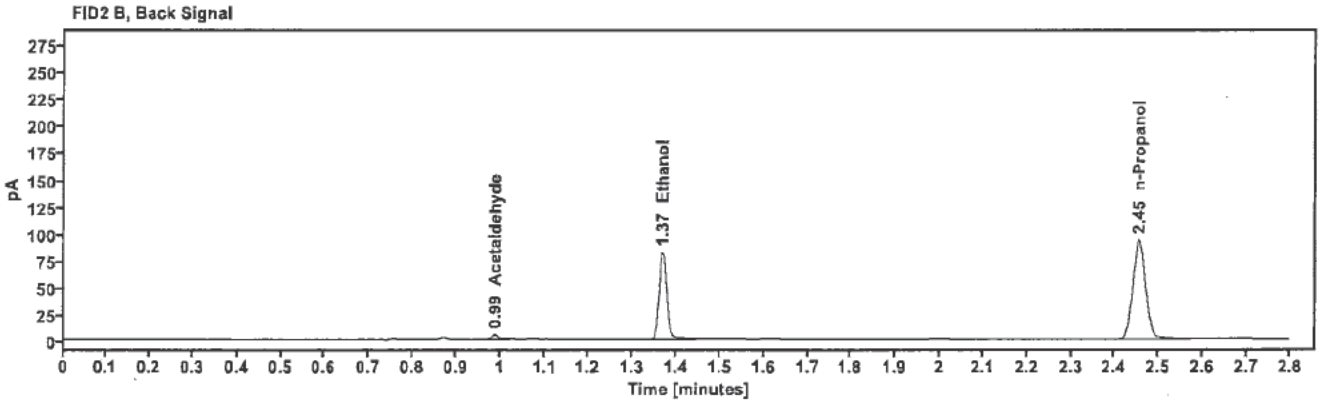


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.063	4.181
>Ethanol	0.1514	1.219	91.034
n-Propanol	-----	2.030	171.808

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.765
Ethanol	1.367	99.705
n-Propanol	2.454	186.832

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2407933-2	**Vial:**	28
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:29:00 PM
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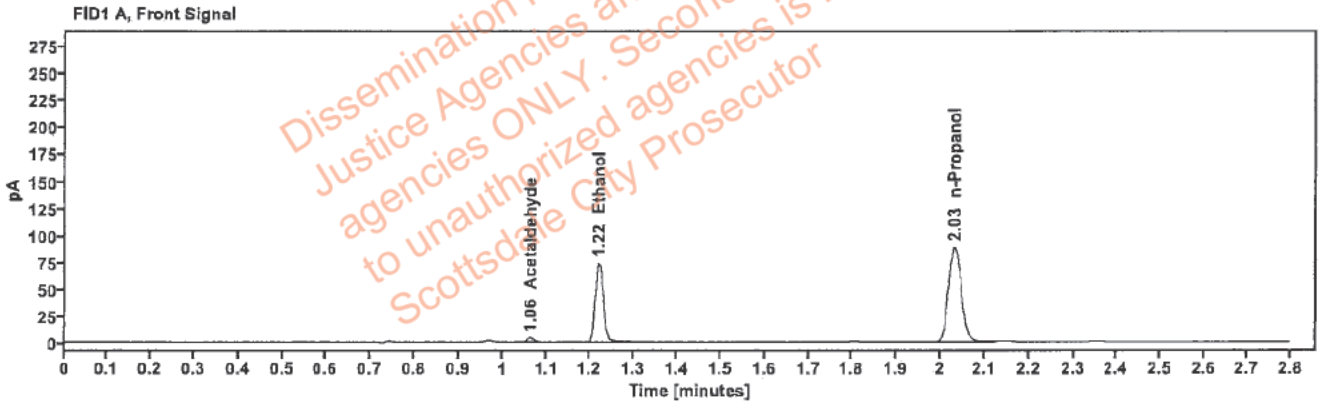


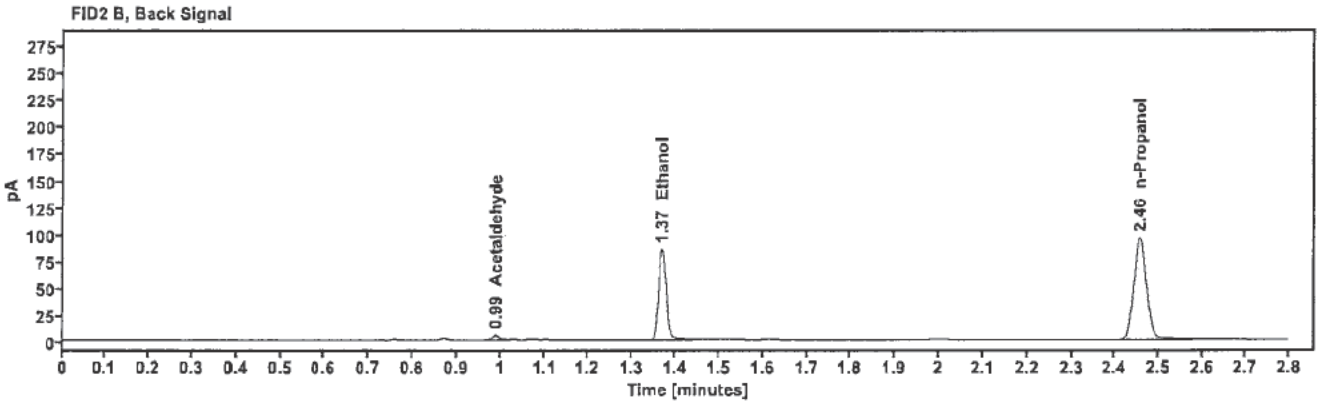


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.064	4.229
>Ethanol	0.1531	1.219	94.460
n-Propanol	-----	2.032	176.332

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

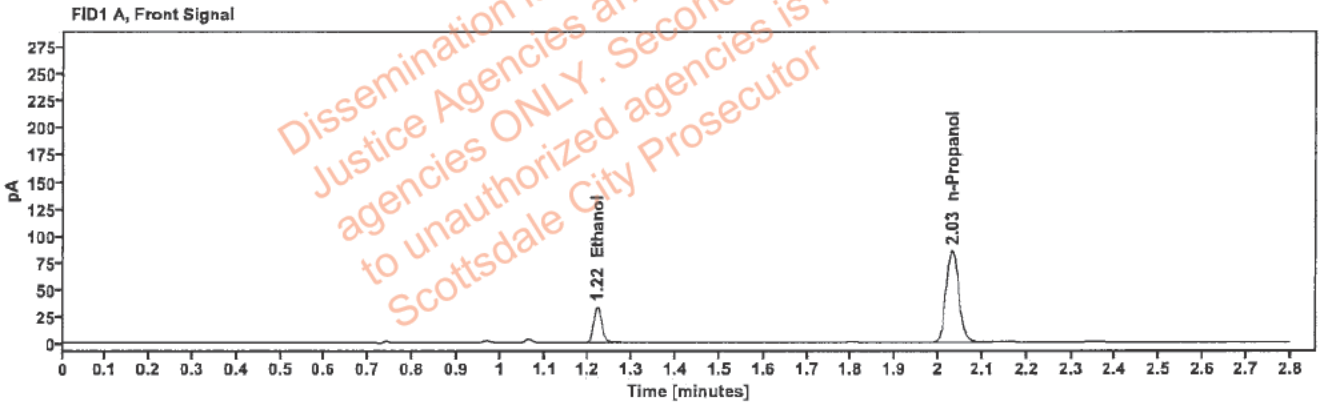
Compound	Time (min)	Peak Area
Acetaldehyde	0.989	4.829
Ethanol	1.369	103.371
n-Propanol	2.456	192.037

[redacted] **Brooke, Phillip - (30-Oct-2024)**

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419520-1	**Vial:**	29
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:33:01 PM
Data file:	C:\Chem32\1\Data\29Oct24\29.D	**Analyst:**	Brooke



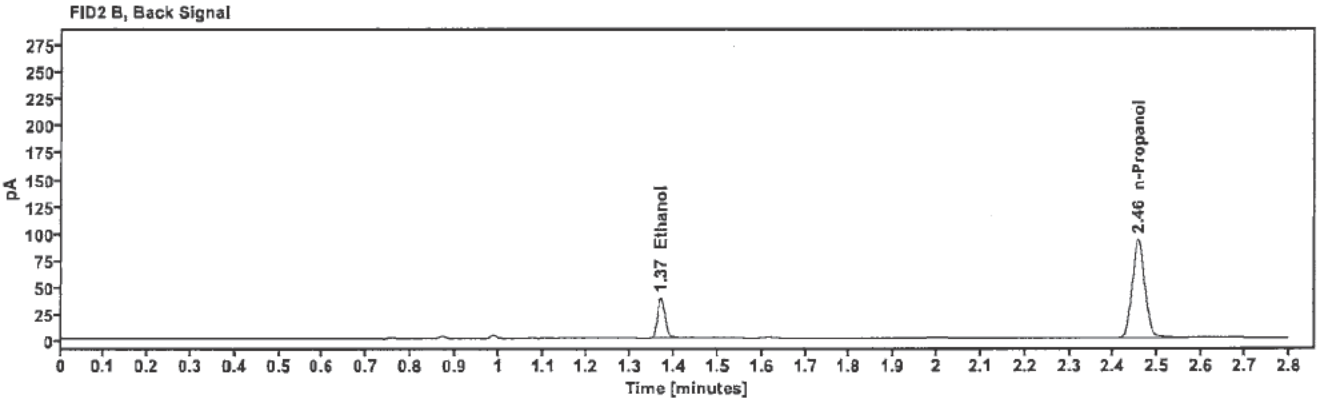


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0715	1.220	42.353
n-Propanol	-----	2.031	170.613

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

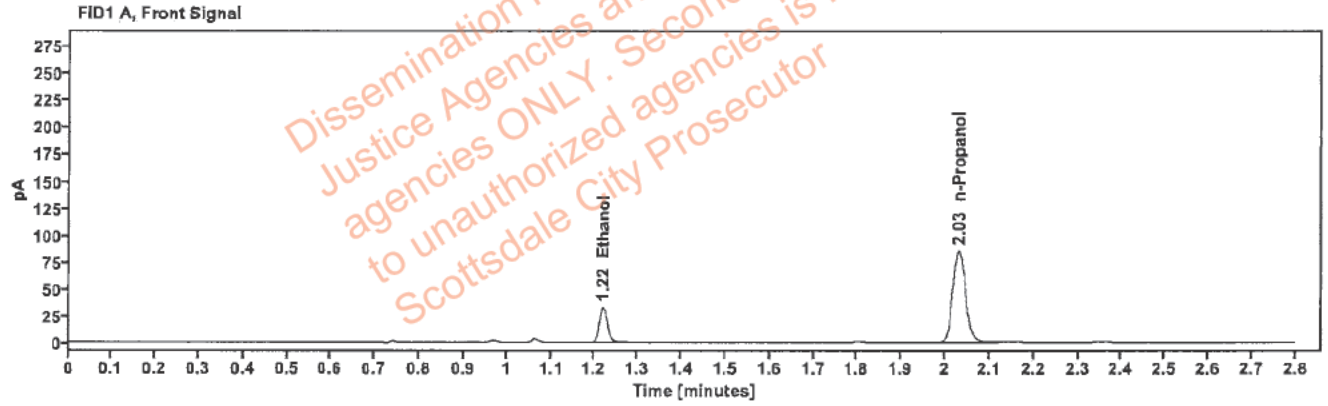
Compound	Time (min)	Peak Area
Ethanol	1.369	46.333
n-Propanol	2.456	185.387

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2419520-1	**Vial:**	30
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:37:01 PM
Data file:	C:\Chem32\1\Data\29Oct24\30.D	**Analyst:**	Brooke



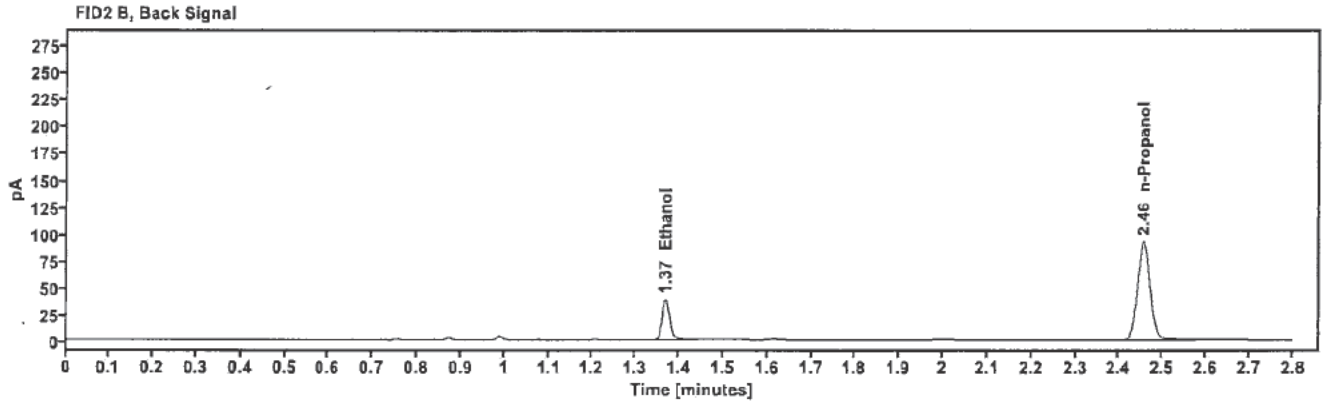


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0710	1.220	41.955
n-Propanol	-----	2.031	170.335

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

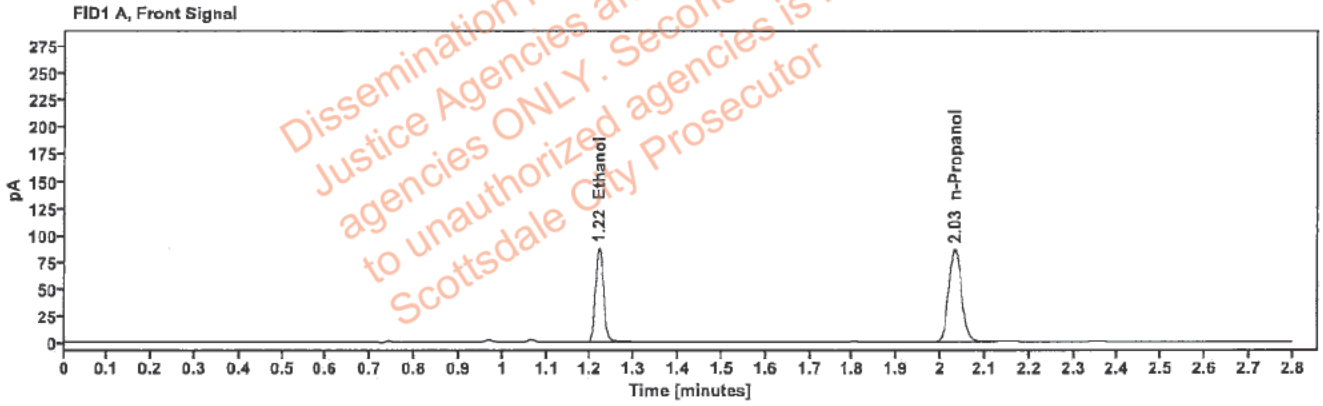
Compound	Time (min)	Peak Area
Ethanol	1.368	46.040
n-Propanol	2.455	185.438

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421522-2	**Vial:**	32
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:45:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\32.D	**Analyst:**	Brooke



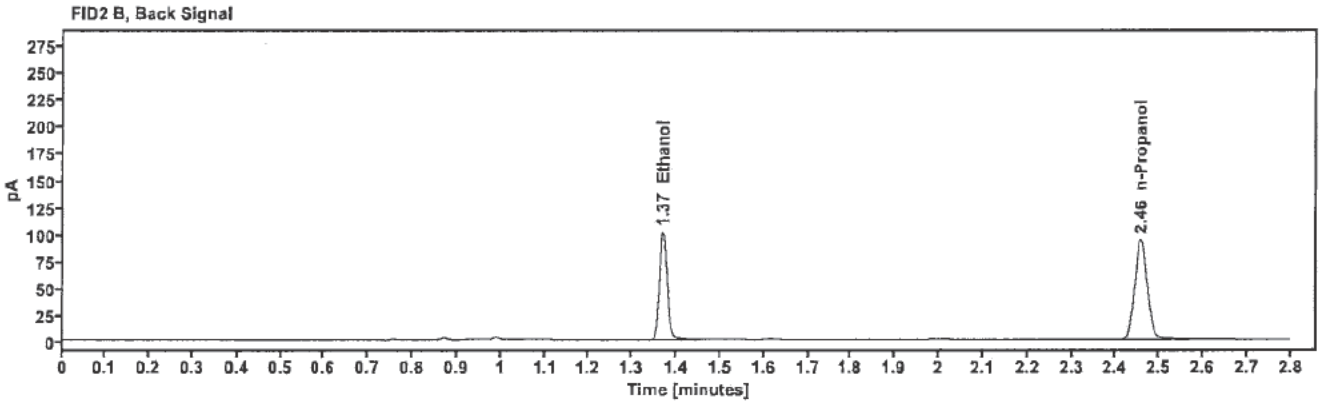


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1845	1.219	111.627
n-Propanol	-----	2.032	172.657

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

Compound	Time (min)	Peak Area
Ethanol	1.369	122.639
n-Propanol	2.457	187.772

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421522-2	**Vial:**	33
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:49:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\33.D	**Analyst:**	Brooke

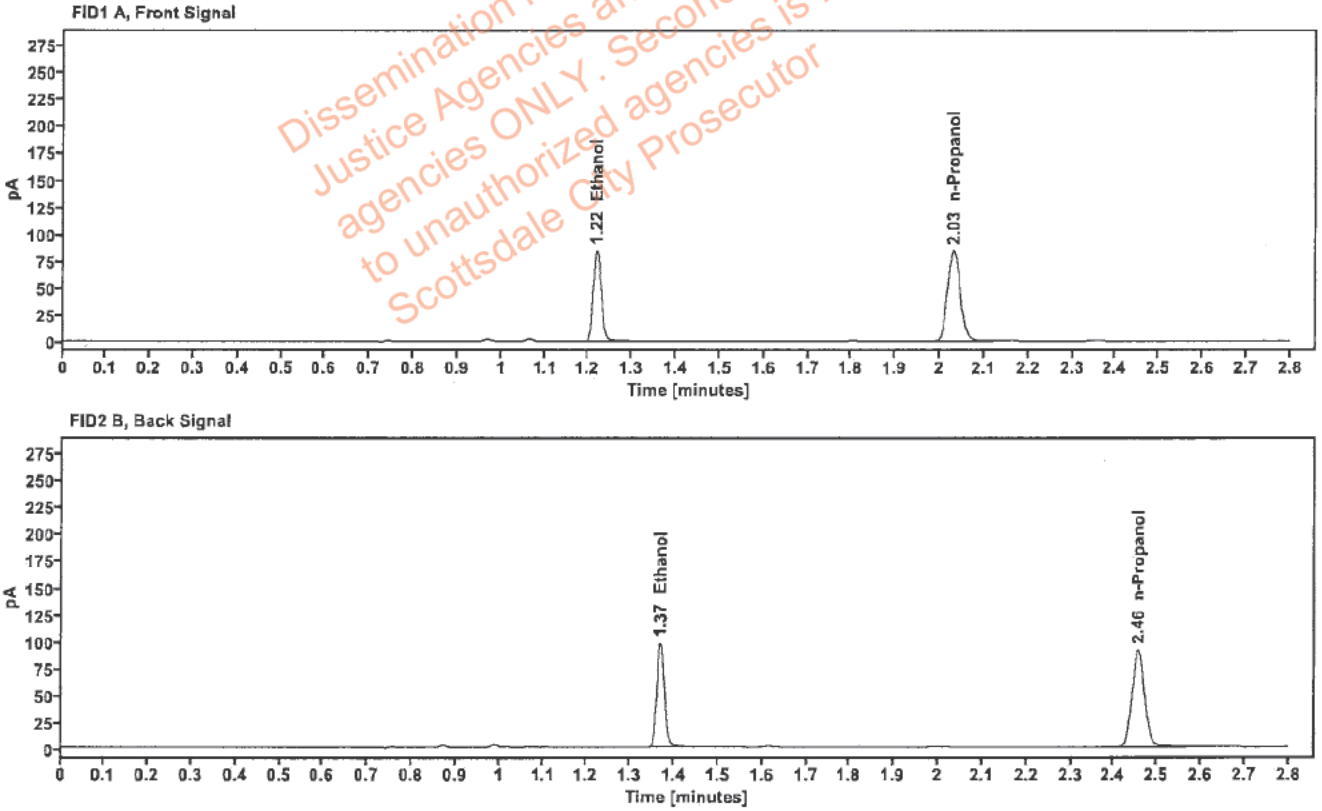


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1830	1.219	107.833
n-Propanol	-----	2.031	168.109

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

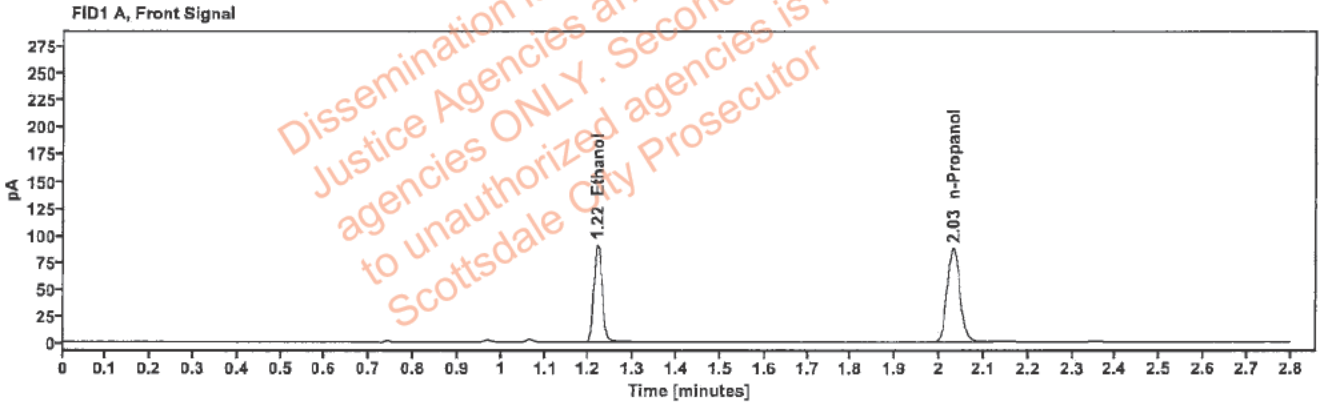
Compound	Time (min)	Peak Area
Ethanol	1.368	118.419
n-Propanol	2.456	182.840

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421454-2	**Vial:**	34
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:53:15 PM
Data file:	C:\Chem32\1\Data\29Oct24\34.D	**Analyst:**	Brooke



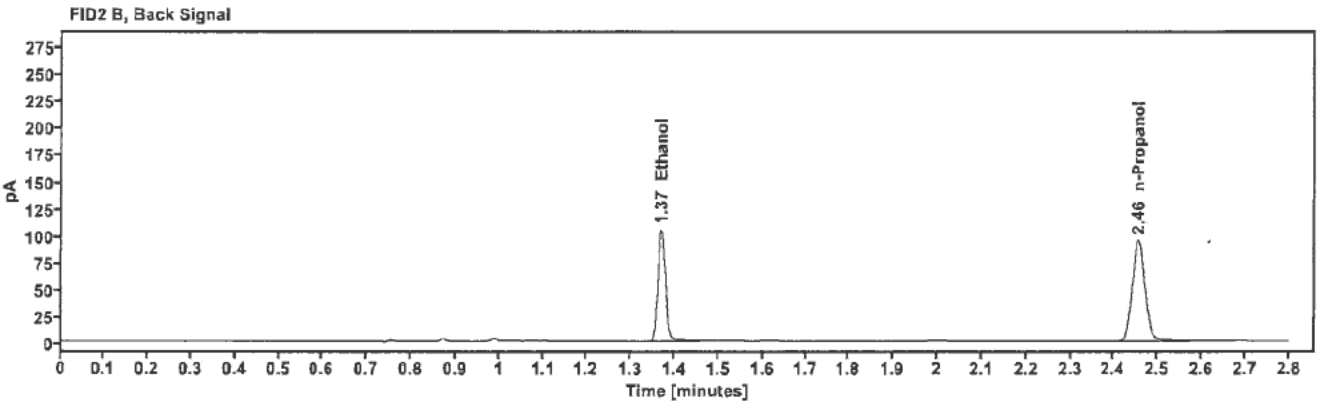


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1893	1.219	115.369
n-Propanol	------	2.031	173.880

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

Compound	Time (min)	Peak Area
Ethanol	1.369	126.816
n-Propanol	2.456	189.039

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421454-2	**Vial:**	35
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 6:57:15 PM
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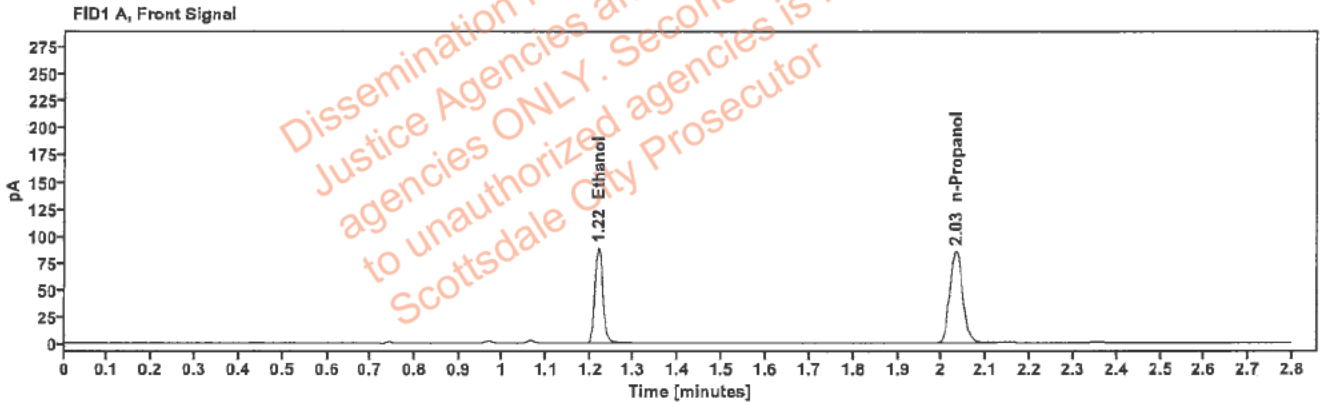


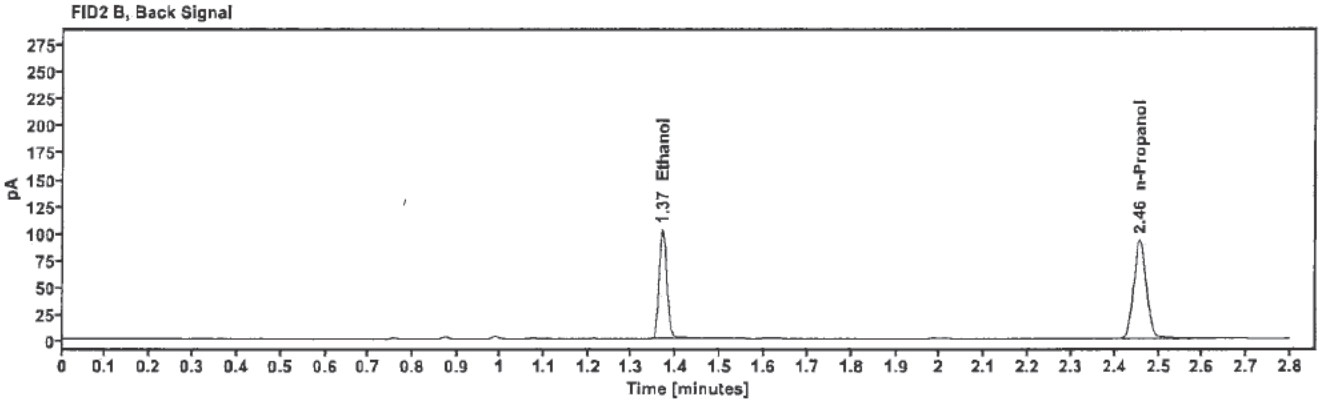


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1889	1.219	112.652
n-Propanol	-----	2.032	170.173

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

Compound	Time (min)	Peak Area
Ethanol	1.369	123.858
n-Propanol	2.457	185.120

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421542-1	**Vial:**	36
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:01:16 PM
Data file:	C:\Chem32\1\Data\29Oct24\36.D	**Analyst:**	Brooke

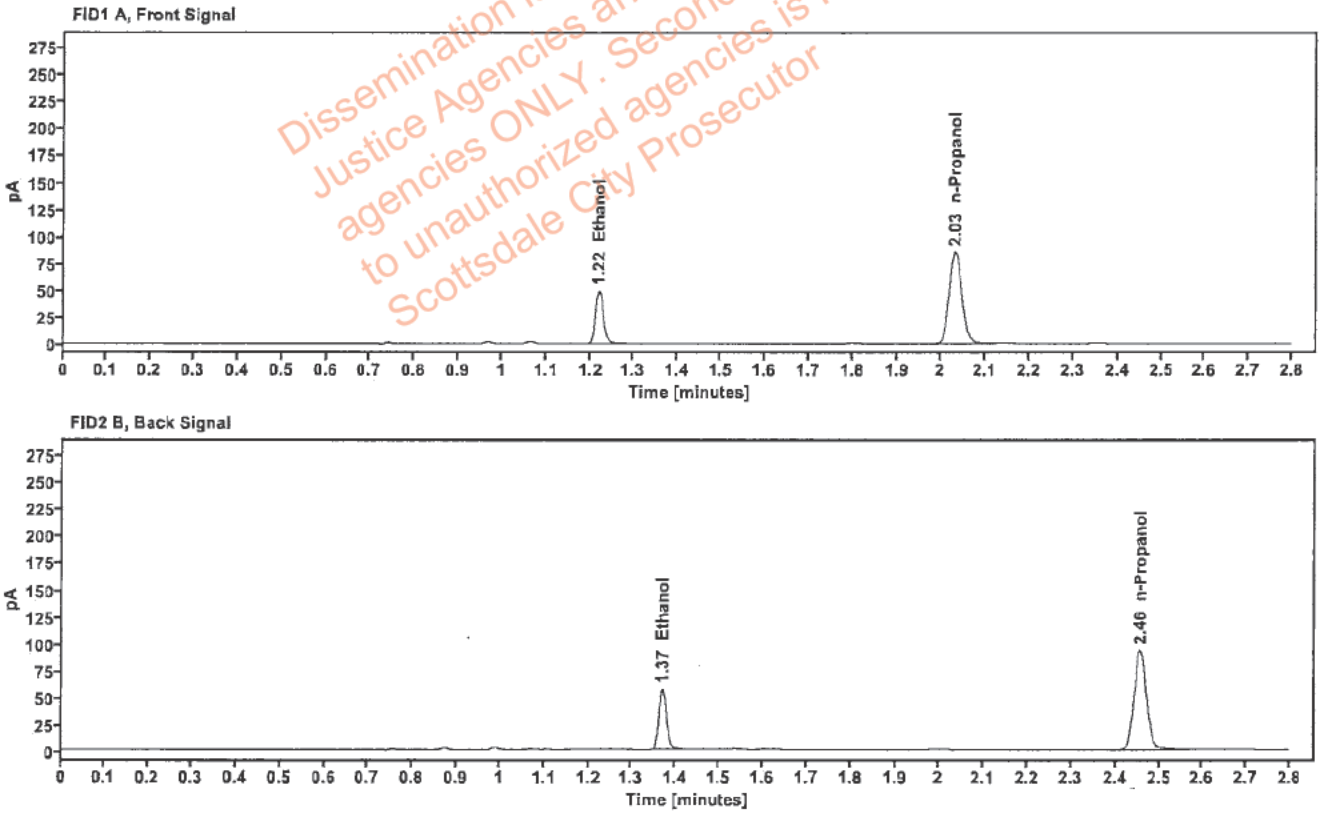


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1056	1.220	62.961
n-Propanol	-----	2.031	170.995

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

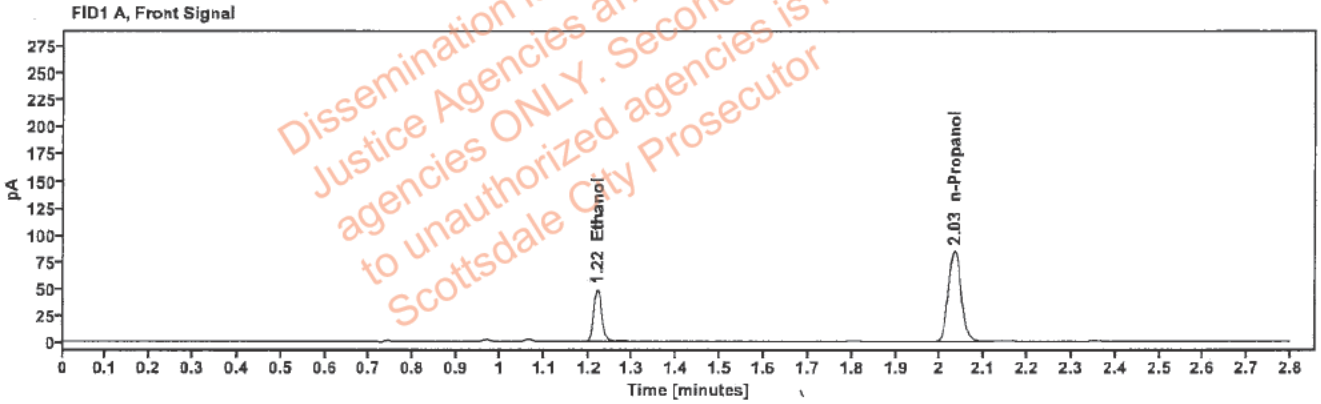
Compound	Time (min)	Peak Area
Ethanol	1.369	68.871
n-Propanol	2.456	185.584

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421542-1	**Vial:**	37
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:05:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\37.D	**Analyst:**	Brooke



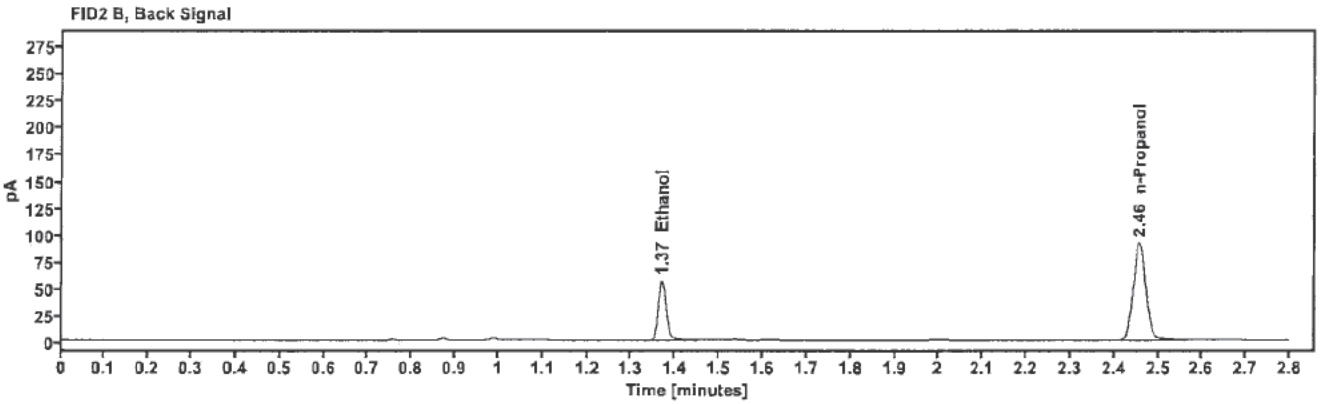


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1050	1.220	61.824
n-Propanol	-----	2.032	168.737

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

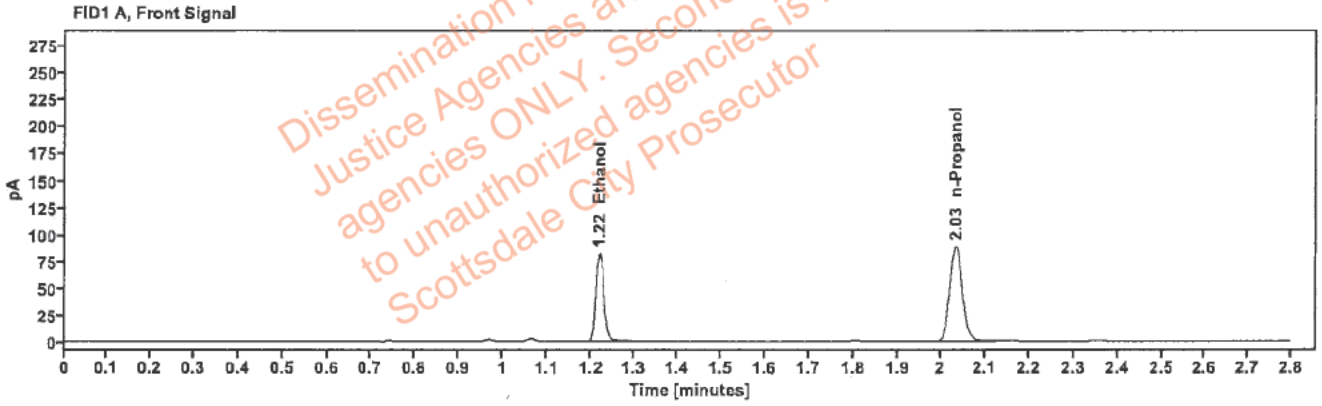
Compound	Time (min)	Peak Area
Ethanol	1.369	67.810
n-Propanol	2.456	183.080

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421540-3	**Vial:**	38
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:09:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\38.D	**Analyst:**	Brooke



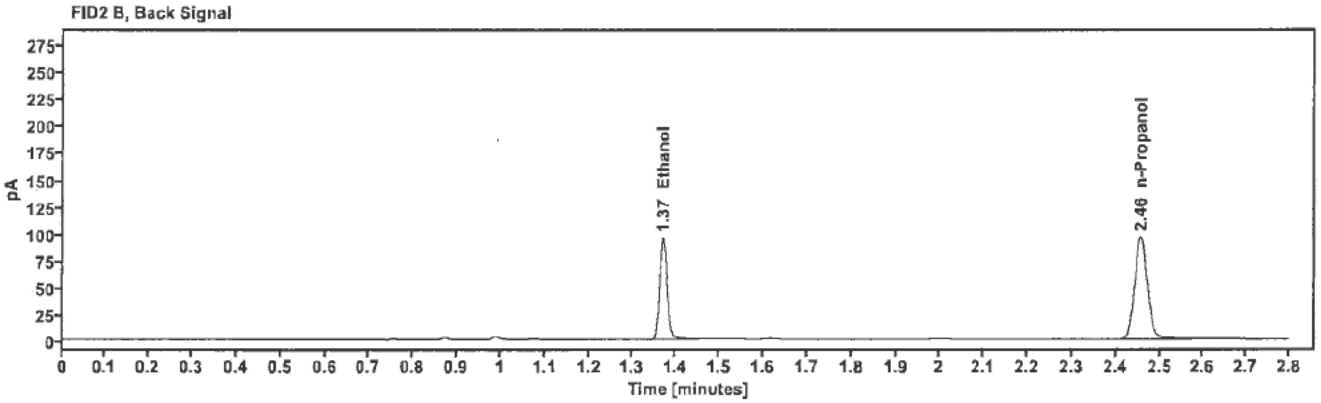


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1704	1.220	105.199
n-Propanol	-----	2.032	176.292

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

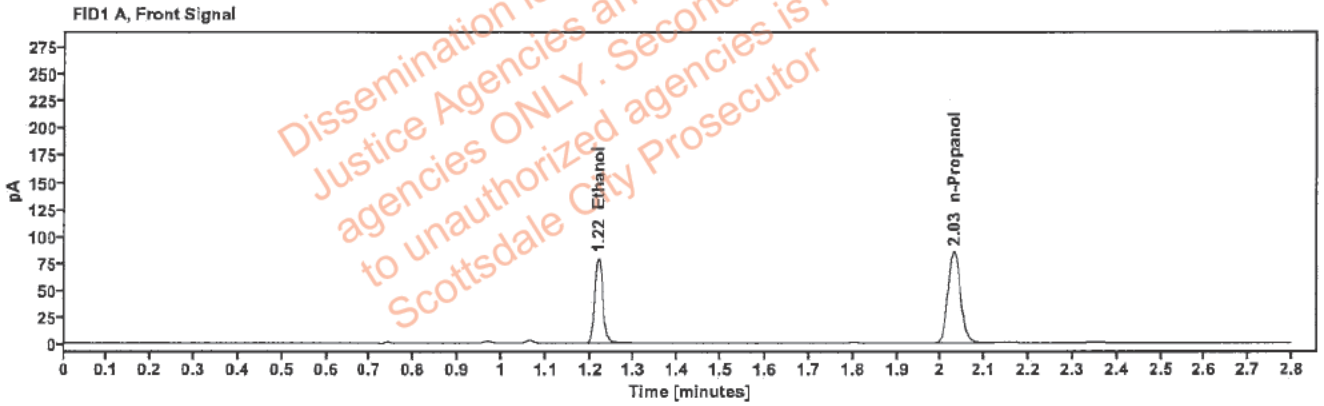
Compound	Time (min)	Peak Area
Ethanol	1.369	115.506
n-Propanol	2.457	191.830

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421540-3	**Vial:**	39
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:13:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\39.D	**Analyst:**	Brooke



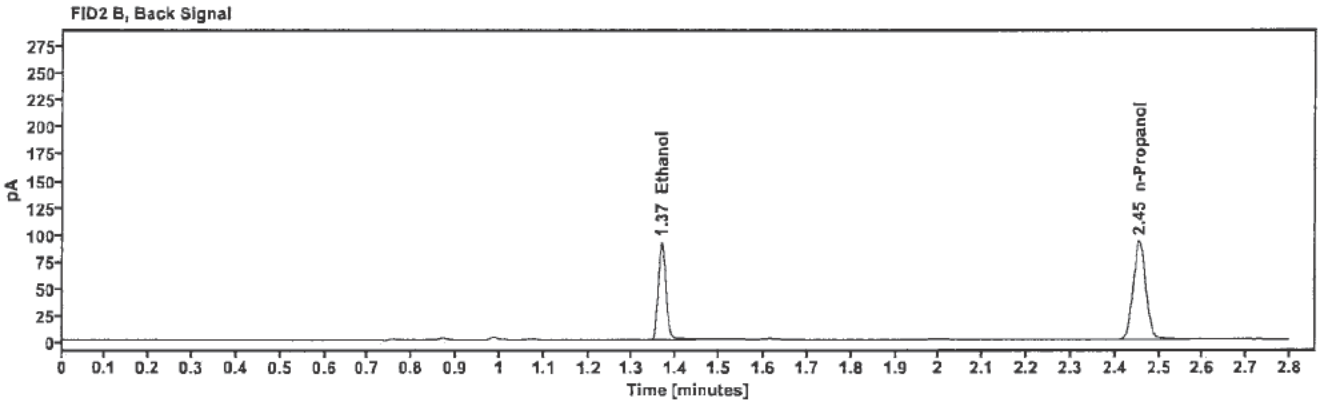


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1692	1.218	100.667
n-Propanol	-----	2.030	169.861

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

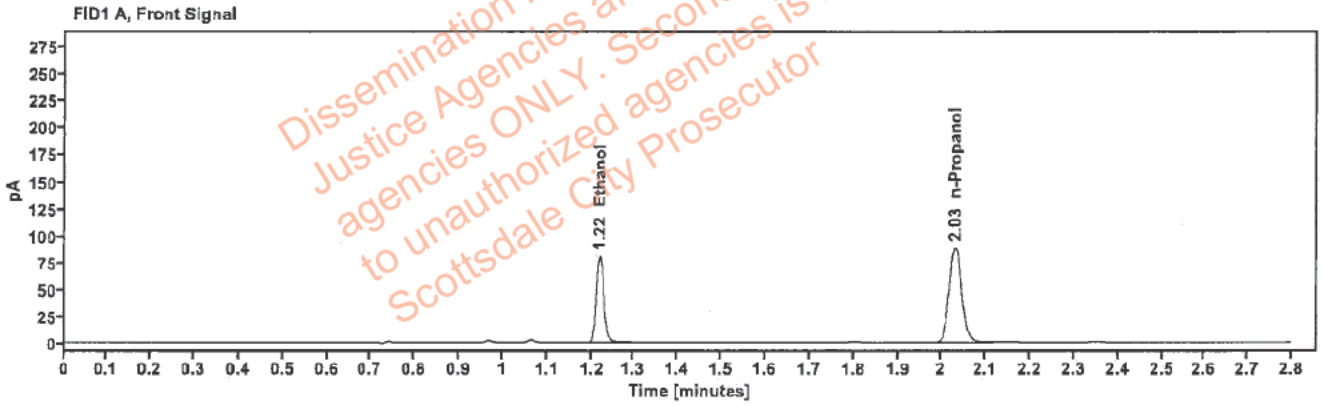
Compound	Time (min)	Peak Area
Ethanol	1.367	110.449
n-Propanol	2.454	184.869

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421545-2 [redacted]	**Vial:**	40
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:17:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\40.D	**Analyst:**	Brooke



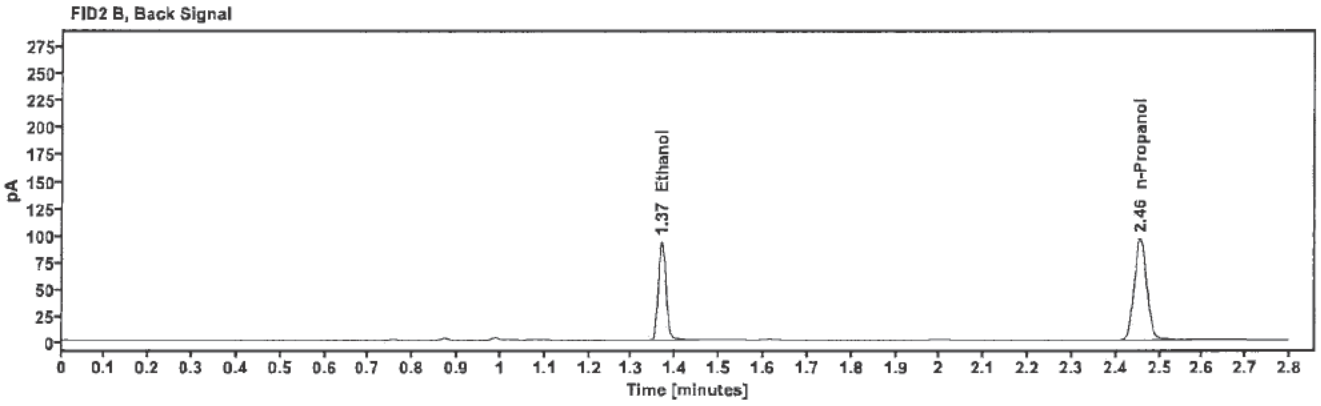


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1665	1.219	102.970
n-Propanol	-----	2.031	176.538

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

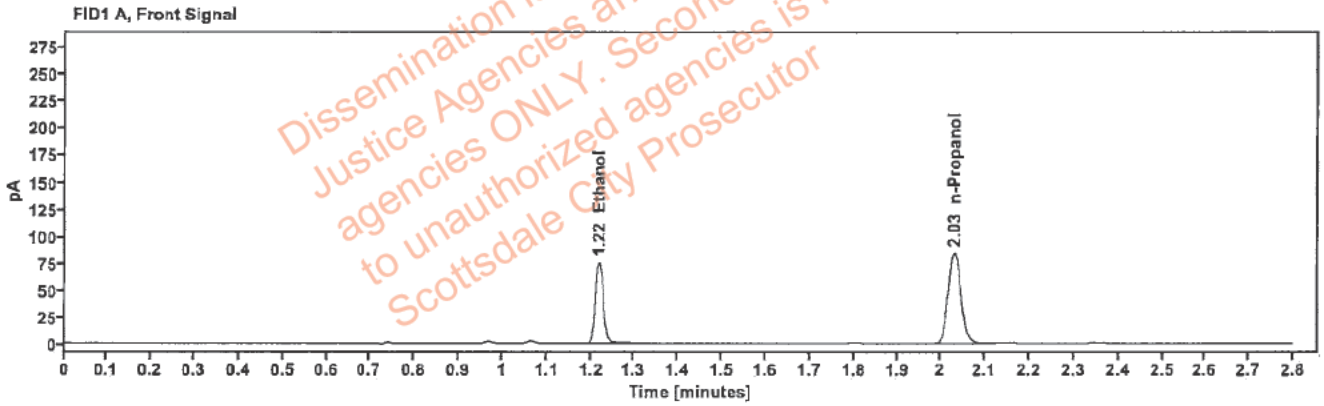
Compound	Time (min)	Peak Area
Ethanol	1.368	113.097
n-Propanol	2.455	192.212

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421545-2 [redacted]	**Vial:**	41
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:21:30 PM
Data file:	C:\Chem32\1\Data\29Oct24\41.D	**Analyst:**	Brooke



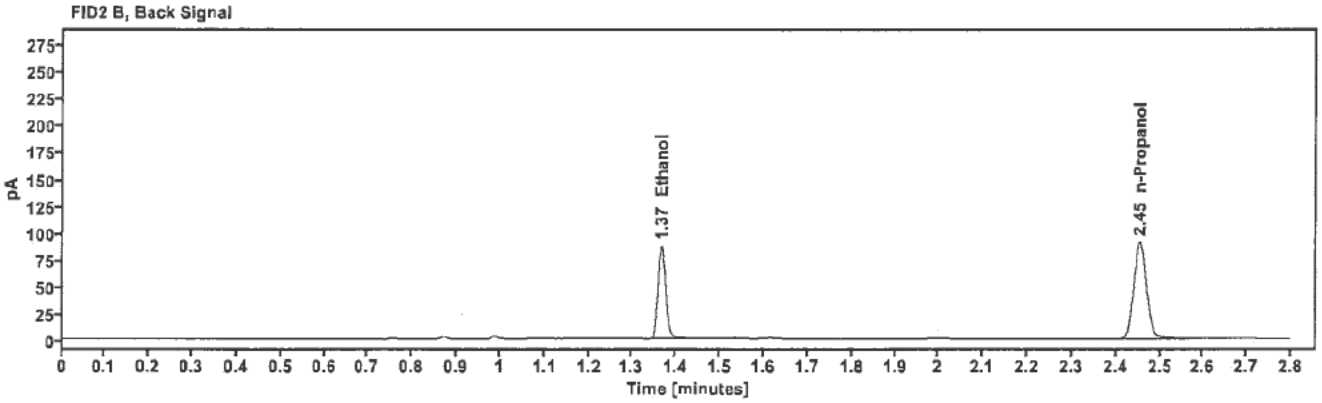


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1637	1.218	96.182
n-Propanol	----	2.030	167.756

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

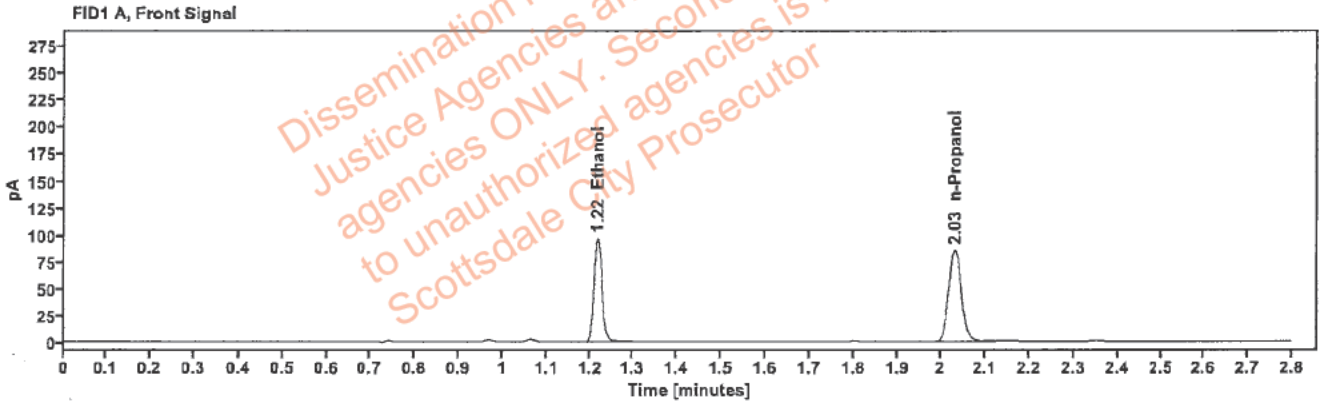
Compound	Time (min)	Peak Area
Ethanol	1.366	105.586
n-Propanol	2.454	182.447

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421611-1	**Vial:**	43
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:29:45 PM
Data file:	C:\Chem32\1\Data\29Oct24\43.D	**Analyst:**	Brooke



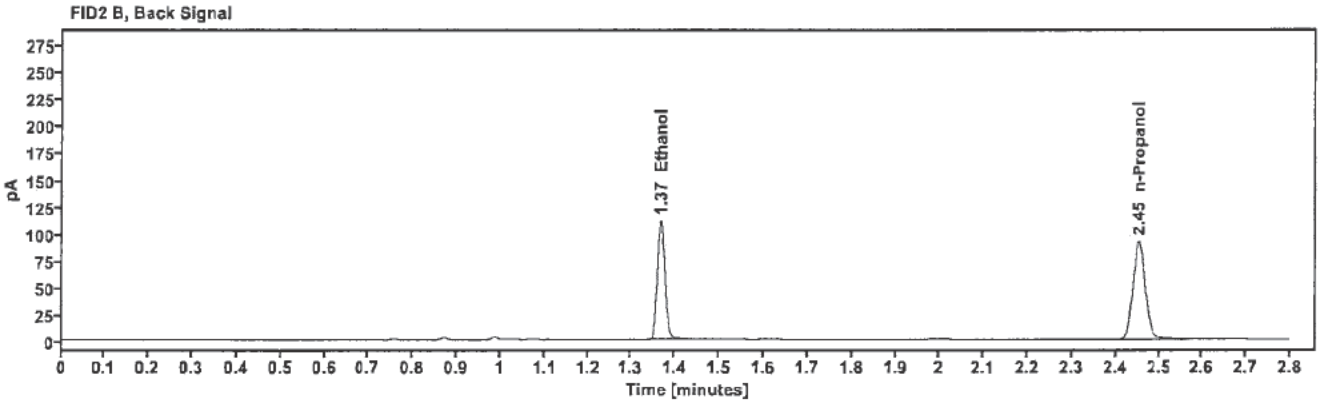


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2060	1.218	122.398
n-Propanol	-----	2.030	169.464

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

Compound	Time (min)	Peak Area
Ethanol	1.366	134.480
n-Propanol	2.454	184.209

[redacted] Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421611-1	**Vial:**	44
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:33:45 PM
Data file:	C:\Chem32\1\Data\29Oct24\44.D	**Analyst:**	Brooke

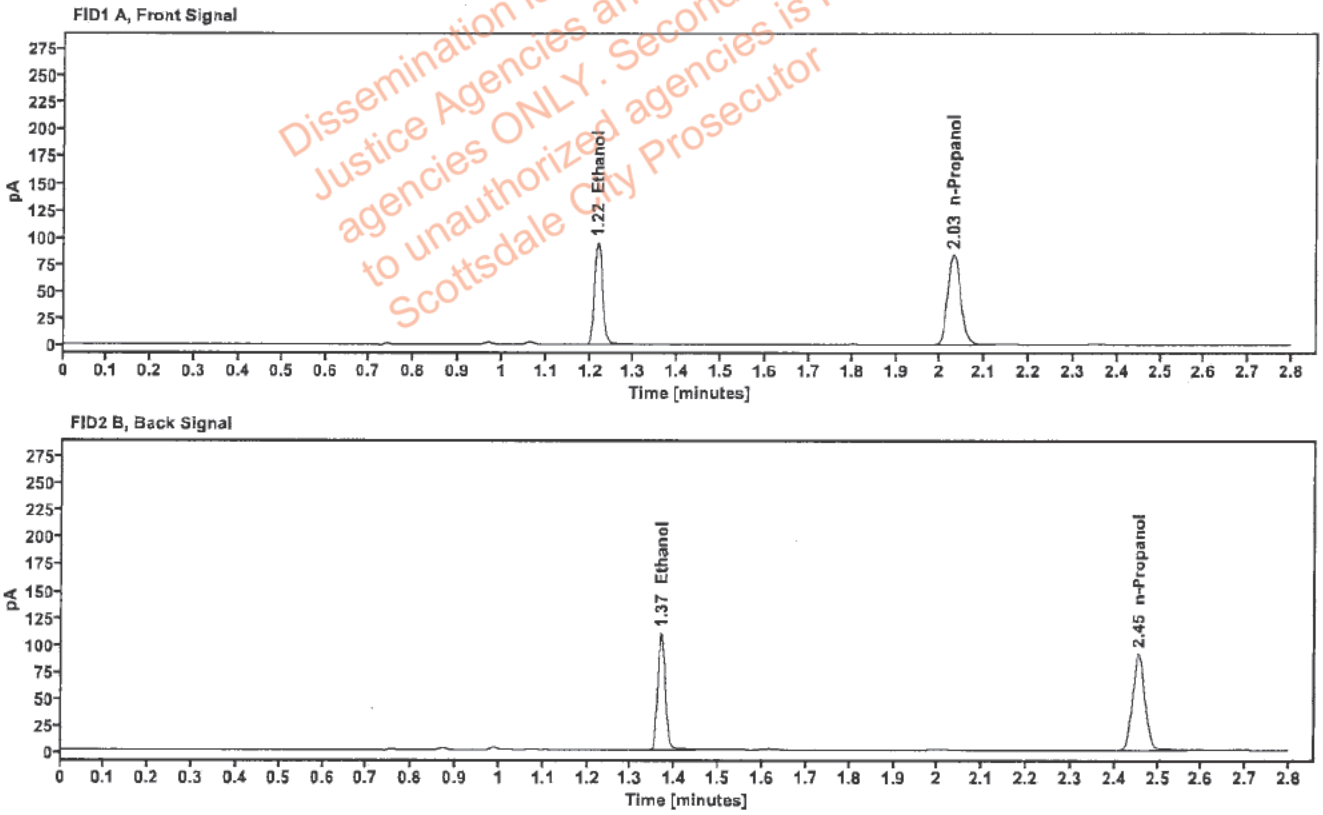


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2055	1.218	120.723
n-Propanol	----	2.031	167.487

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

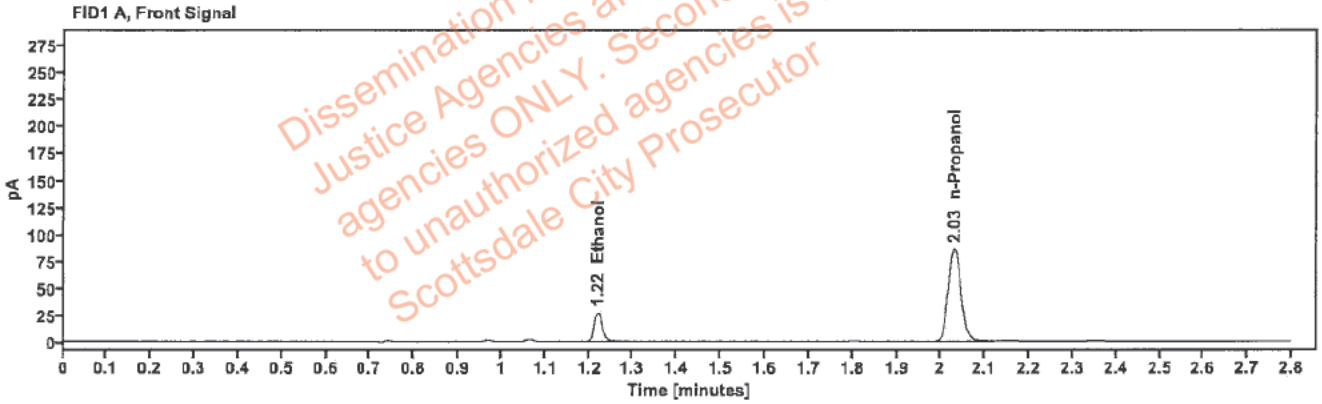
Compound	Time (min)	Peak Area
Ethanol	1.367	132.765
n-Propanol	2.455	181.817

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421761-1	**Vial:**	45
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:37:46 PM
Data file:	C:\Chem32\1\Data\29Oct24\45.D	**Analyst:**	Brooke



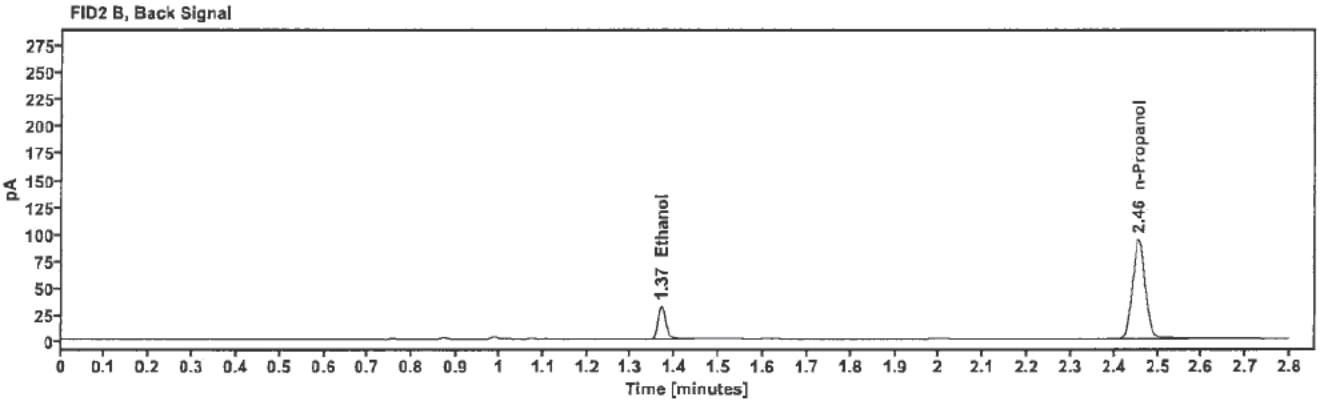


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0584	1.220	34.721
n-Propanol	-----	2.031	171.958

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

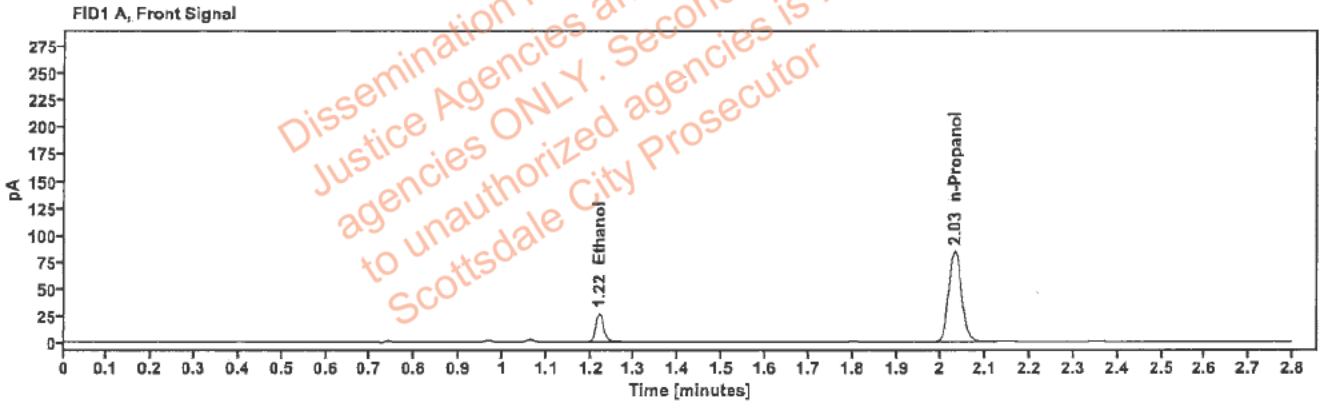
Compound	Time (min)	Peak Area
Ethanol	1.369	38.046
n-Propanol	2.455	187.258

[redacted] **Brooke, Phillip - (30-Oct-2024)**

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421761-1	**Vial:**	46
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:41:46 PM
Data file:	C:\Chem32\1\Data\29Oct24\46.D	**Analyst:**	Brooke



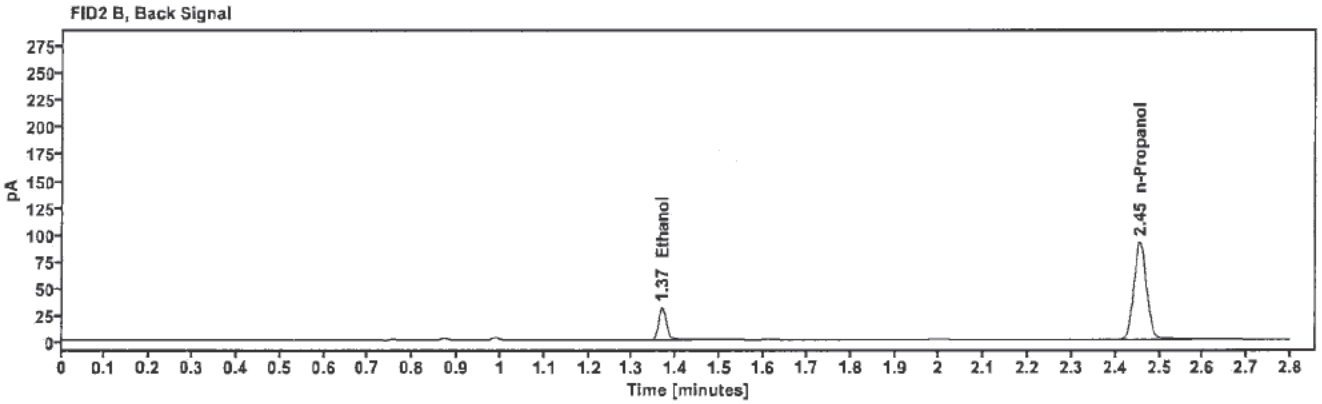


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0579	1.220	33.699
n-Propanol	-----	2.031	168.425

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

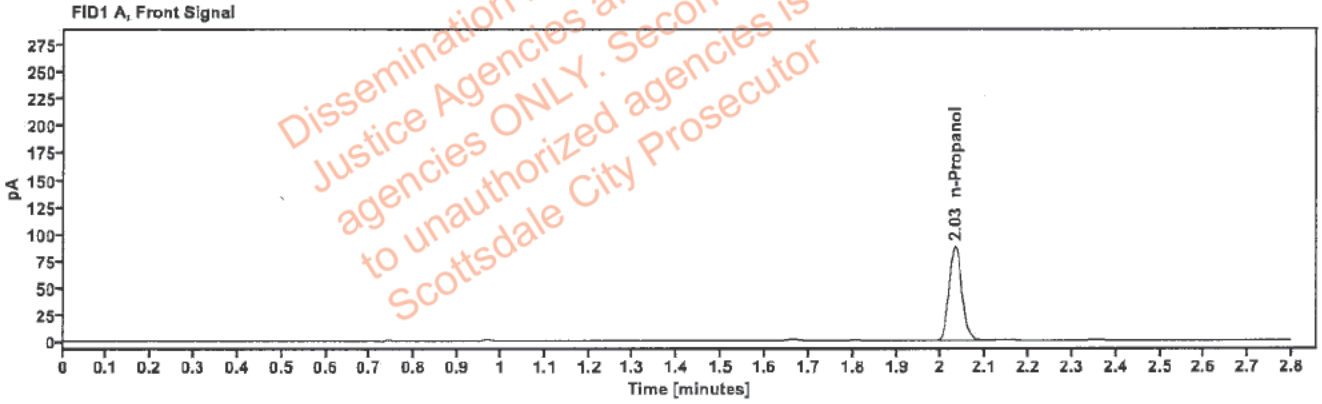
Compound	Time (min)	Peak Area
Ethanol	1.368	36.946
n-Propanol	2.455	183.458

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421729-1	**Vial:**	47
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:45:45 PM
Data file:	C:\Chem32\1\Data\29Oct24\47.D	**Analyst:**	Brooke



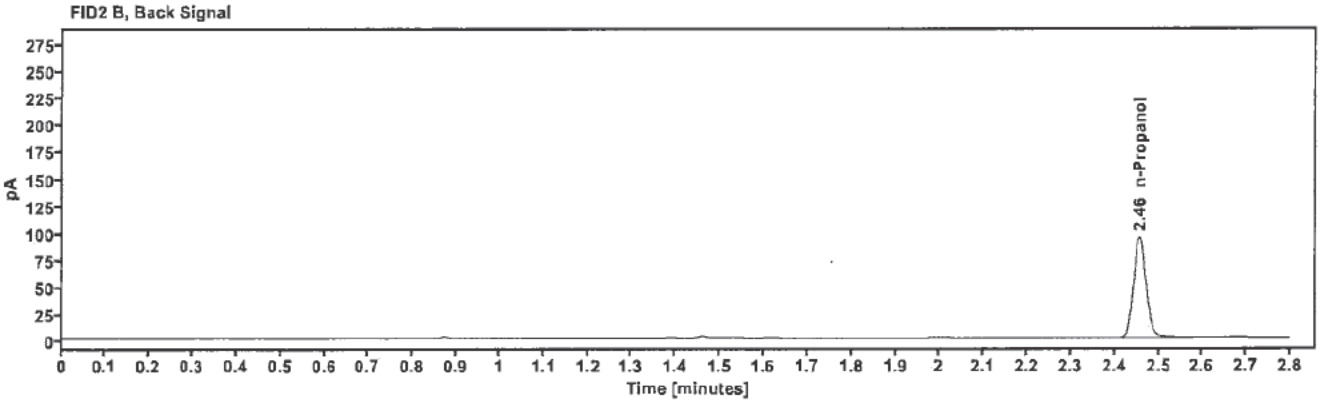


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	------	2.032	173.794

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

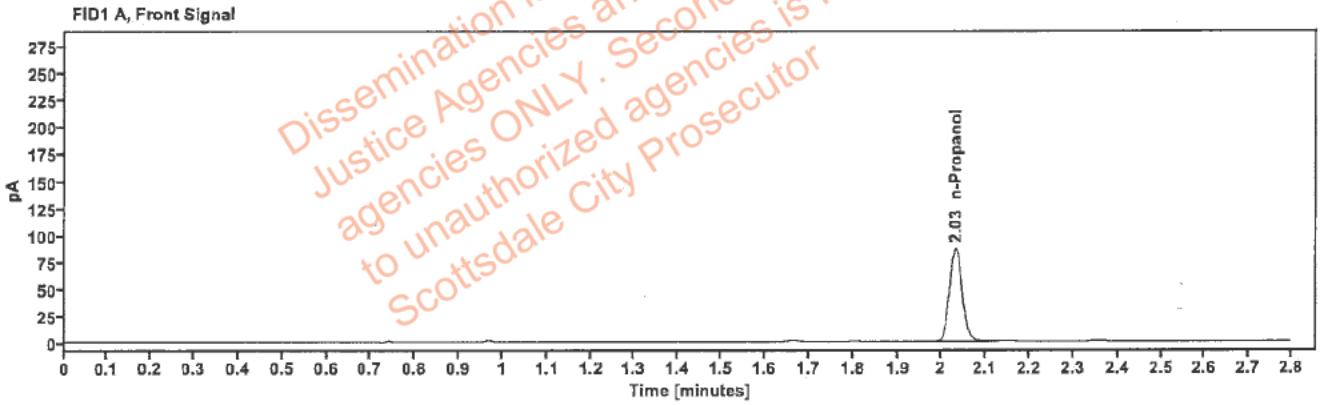
Compound	Time (min)	Peak Area
n-Propanol	2.457	189.260

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421729-1	**Vial:**	48
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:49:45 PM
Data file:	C:\Chem32\1\Data\29Oct24\48.D	**Analyst:**	Brooke



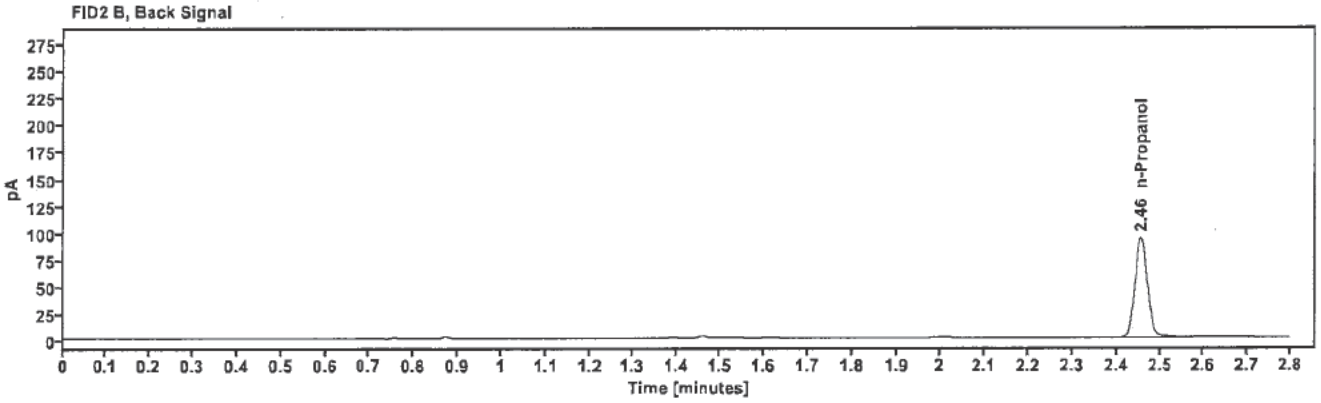


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	------	2.031	172.096

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

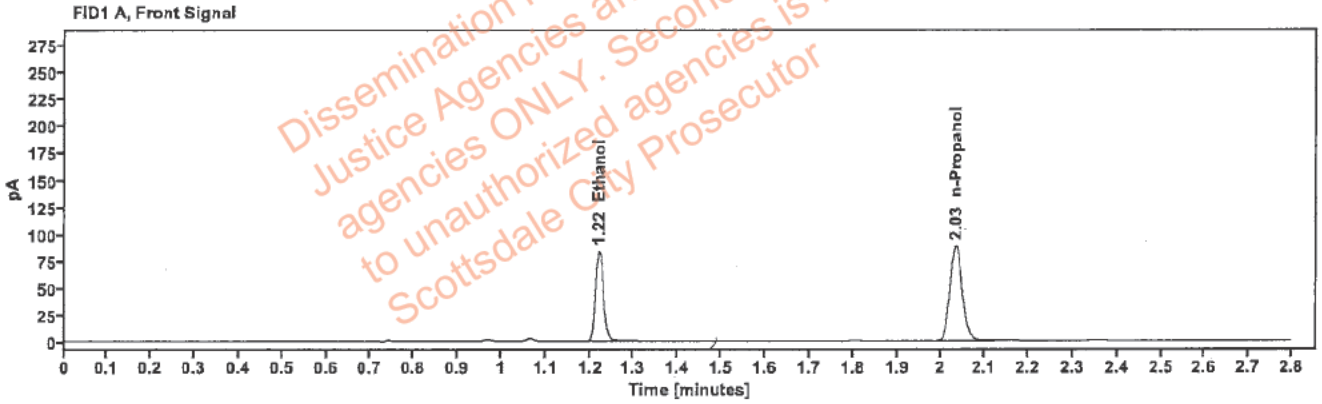
Compound	Time (min)	Peak Area
n-Propanol	2.456	187.504

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421806-2	**Vial:**	49
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:54:01 PM
Data file:	C:\Chem32\1\Data\29Oct24\49.D	**Analyst:**	Brooke



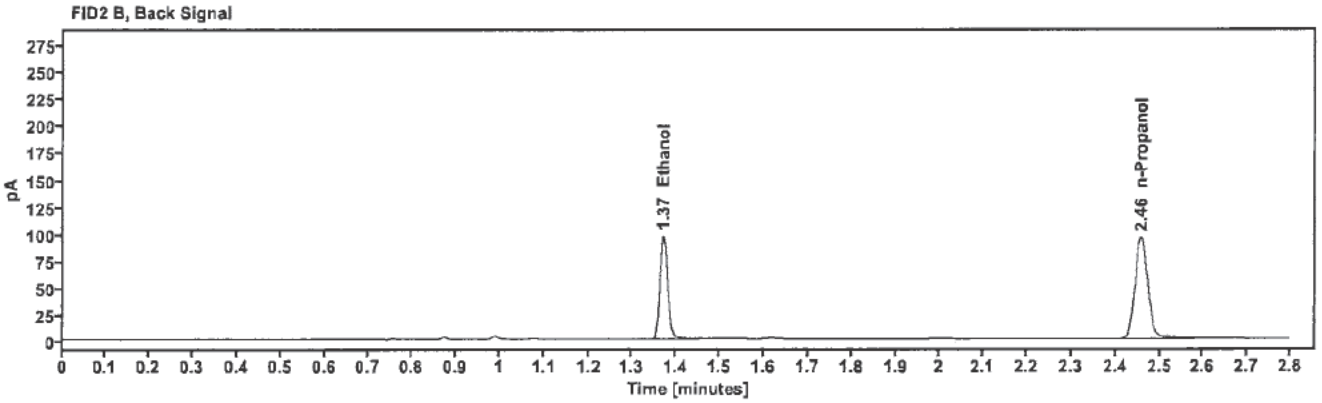


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1742	1.220	107.054
n-Propanol	-----	2.033	175.390

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

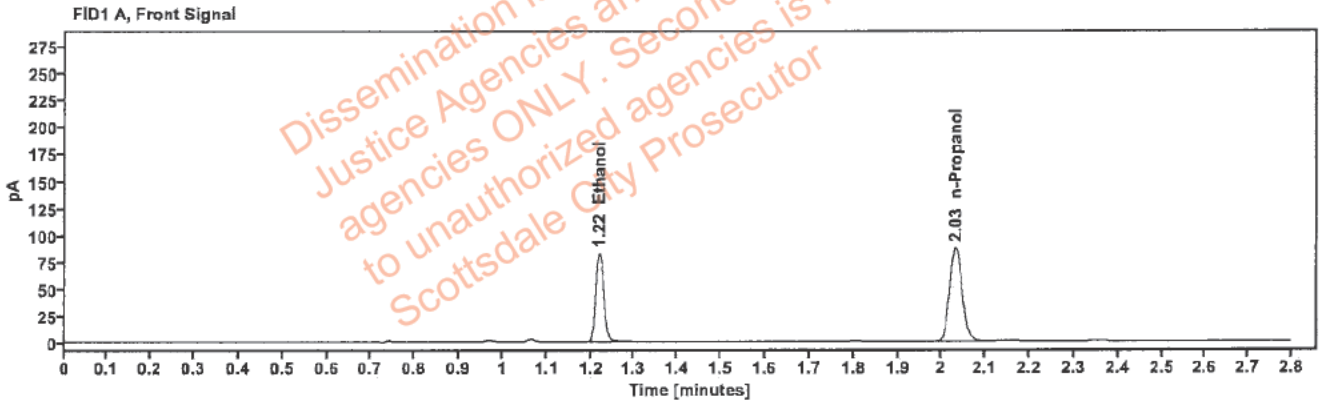
Compound	Time (min)	Peak Area
Ethanol	1.370	117.488
n-Propanol	2.458	191.150

[redacted]: Brooke, Phillip - (30-Oct-2024)

Case: [redacted] User: pbrooke 10/30/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421806-2	**Vial:**	50
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Oct24
Instrument:	US14173023 CN14160045	**Injection date:**	10/29/2024 7:58:00 PM
Data file:	C:\Chem32\1\Data\29Oct24\50.D	**Analyst:**	Brooke



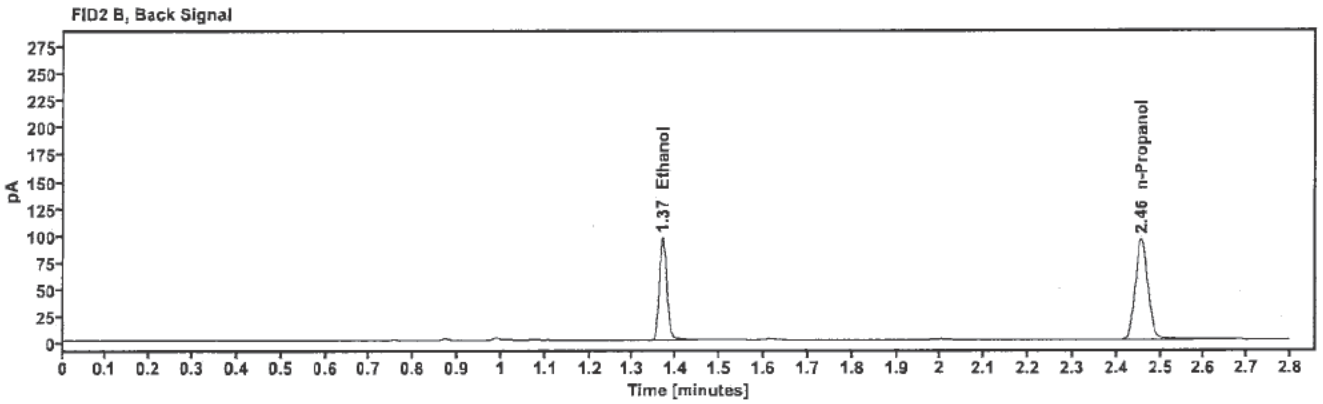


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1736	1.219	105.482
n-Propanol	-----	2.032	173.399

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

Compound	Time (min)	Peak Area
Ethanol	1.368	115.772
n-Propanol	2.456	188.835