

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/29/2023 SEQUENCE NAME 29Aug23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN11172002 0.99997
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/10
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 30012020-A
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.201 g/dL	ACQ 4110320133/10
45	Blank	Not detected	Not detected	SPD lab 060223AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Canonico Analyst
 Run valid Run invalid Phig B... Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 29Aug23

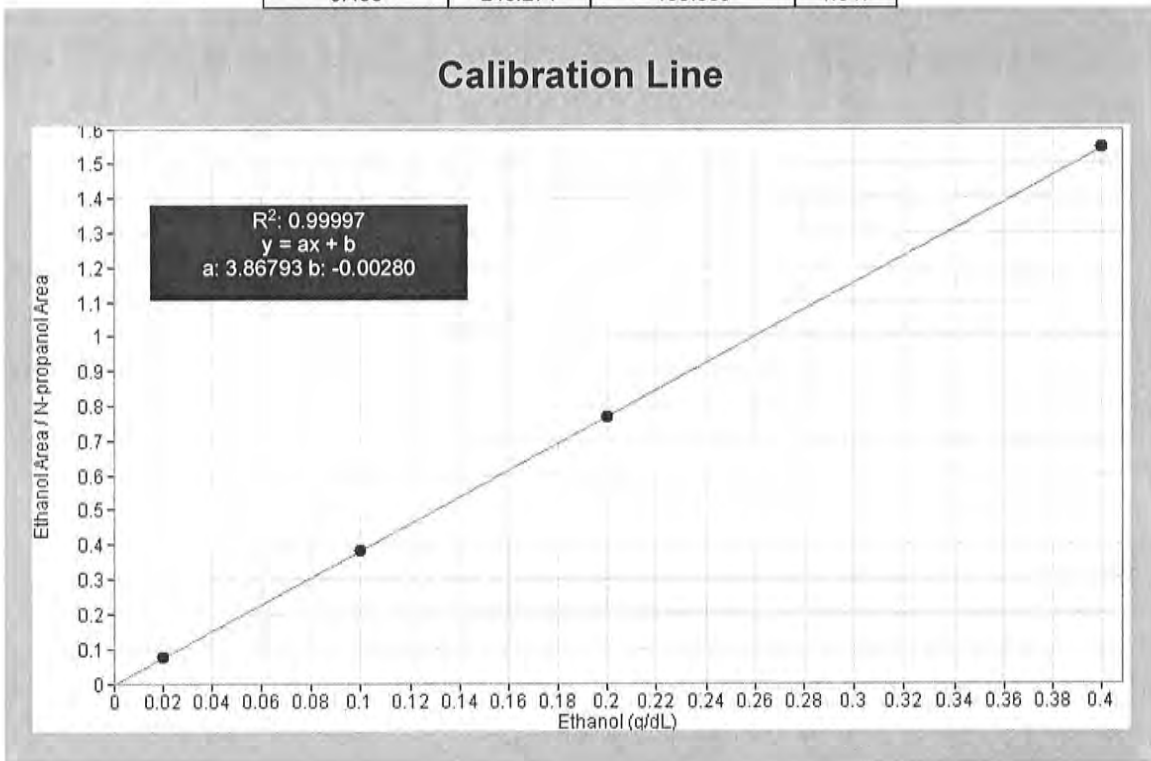
ANALYST: Canonico

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Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/10	9	0.204	0.199	2.51	0.005
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.400 30012020-A	42	0.402	0.400	0.50	0.002
0.040 14082019-B	43	0.040	0.040	0.00	0.000
0.199 4110320133/10	44	0.201	0.199	1.01	0.002
blank 060223AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.661	163.304	0.078
0.100	58.470	152.662	0.383
0.200	118.898	155.091	0.767
0.400	240.271	155.359	1.547

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 29Aug23
Method: ethanol quant.M	Injection date: 8/29/2023 2:46:39 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>EL</i>
Data file: C:\Chem32\1\Data\29Aug23\1.D	

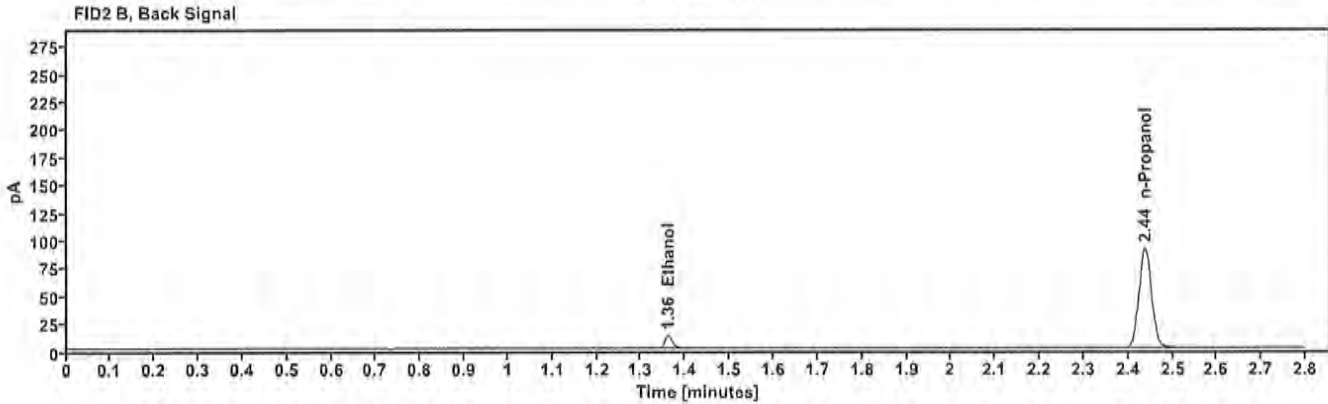
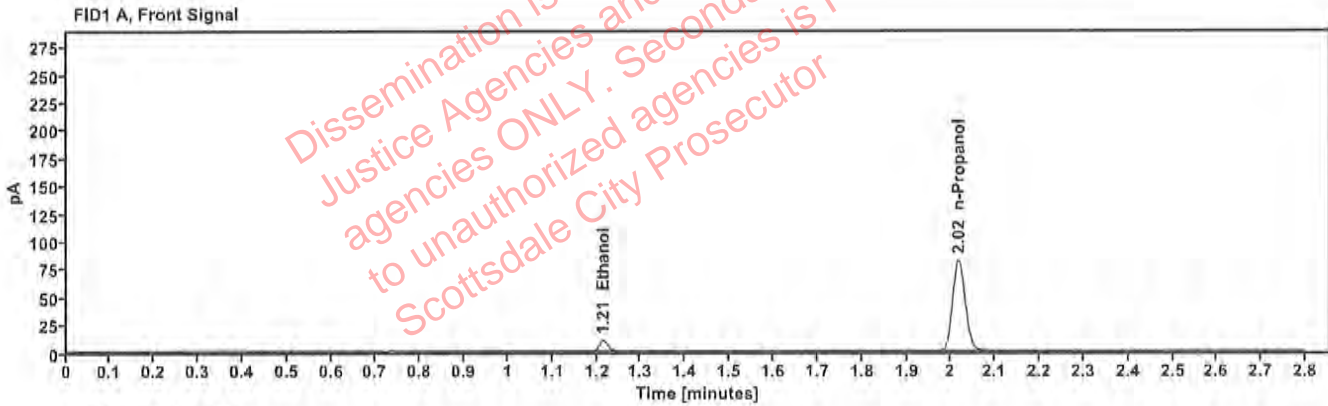


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.214	12.661
n-Propanol	2.017	163.304

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

Compound	Time (min)	Peak Area
Ethanol	1.361	13.816
n-Propanol	2.437	177.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN11172002	Vial:	2
Description:	0.100 calibrator	Sequence:	29Aug23
Method:	ethanol quant.M	Injection date:	8/29/2023 2:50:39 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EC
Data file:	C:\Chem32\1\Data\29Aug23\2.D		

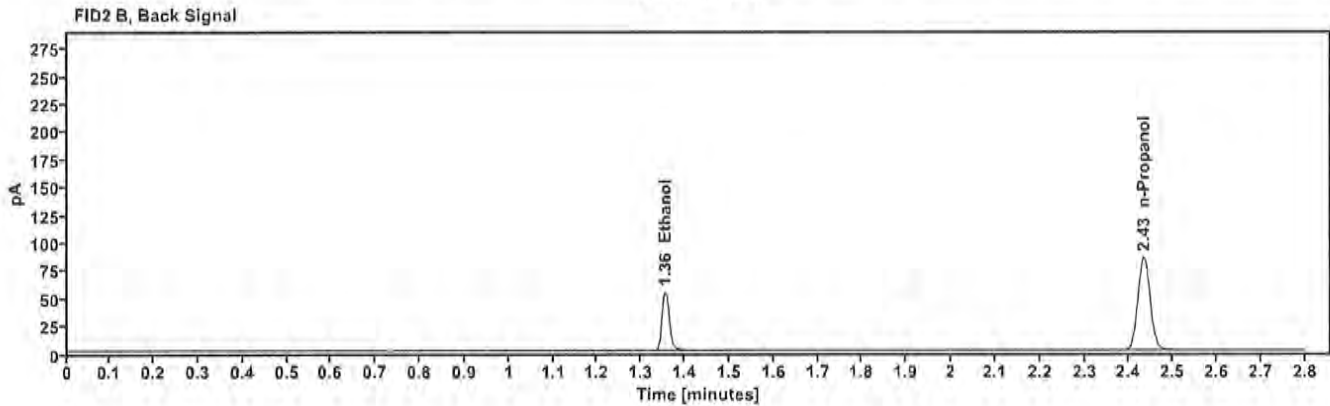
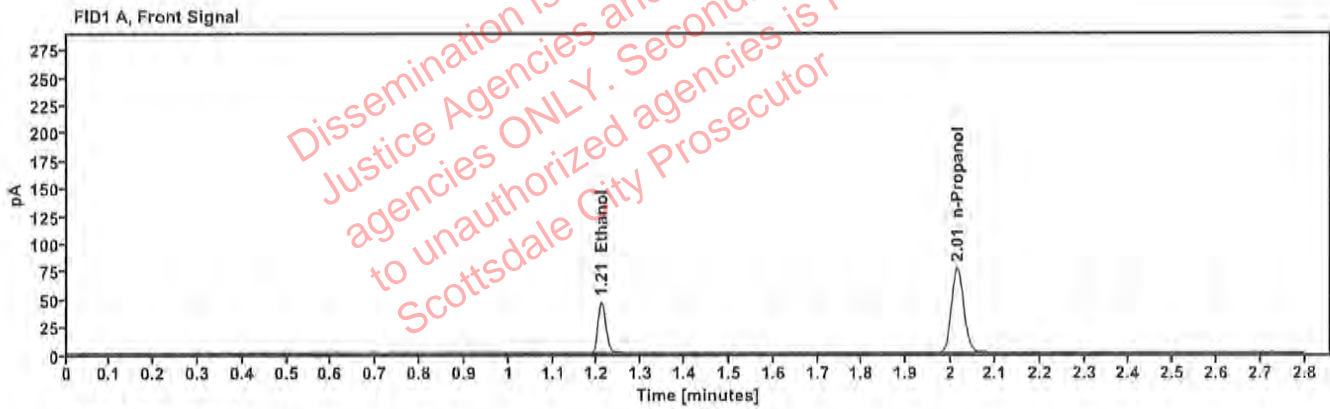


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	58.470
n-Propanol	2.014	152.662

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

Compound	Time (min)	Peak Area
Ethanol	1.355	64.074
n-Propanol	2.433	166.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 callibrator	Sequence:	29Aug23
Method:	ethanol quant.M	Injection date:	8/29/2023 2:54:39 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EC
Data file:	C:\Chem32\11\Data\29Aug23\3.D		

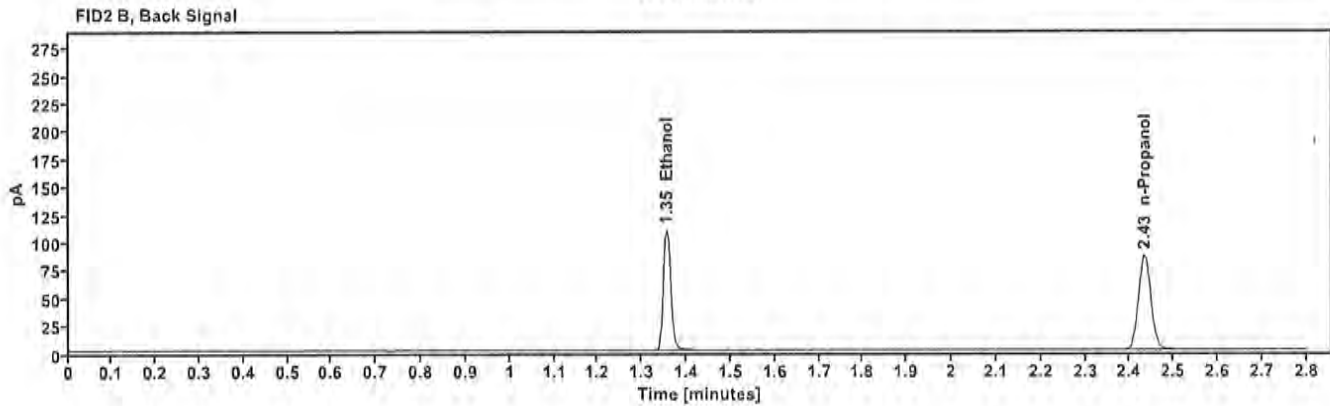
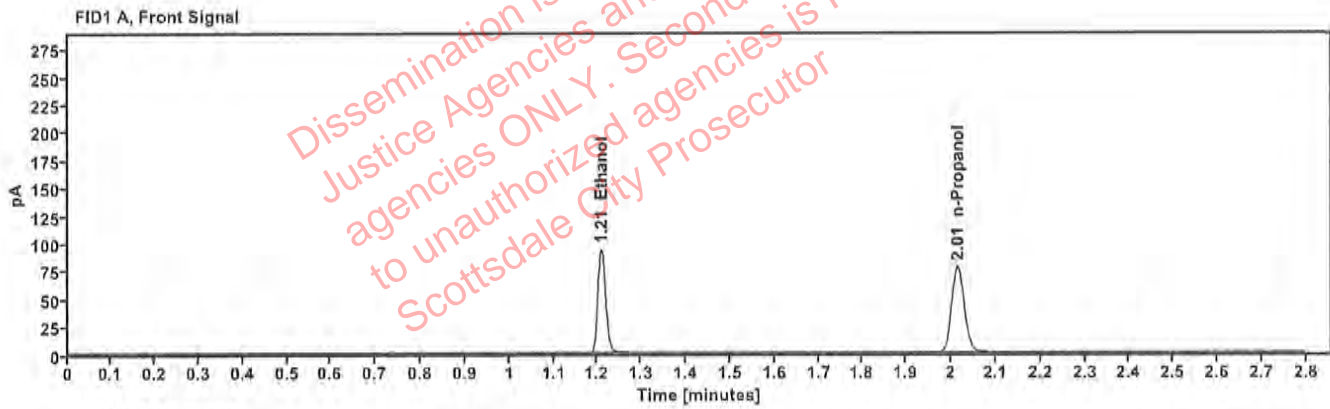


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	118.898
n-Propanol	2.015	155.091

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

Compound	Time (min)	Peak Area
Ethanol	1.355	130.287
n-Propanol	2.433	168.948

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	29Aug23
Method:	ethanol quant.M	Injection date:	8/29/2023 2:58:39 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EE
Data file:	C:\Chem32\1\Data\29Aug23\4.D		

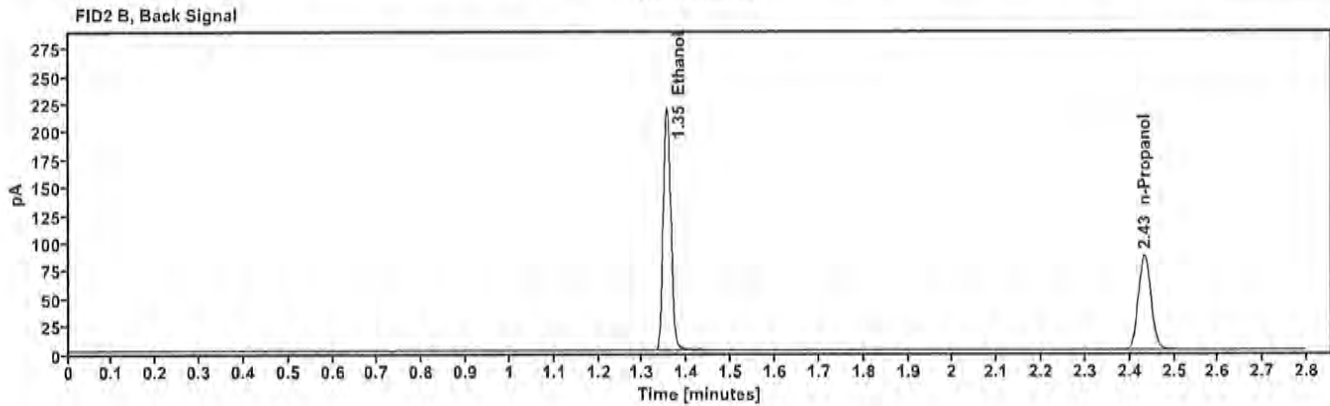
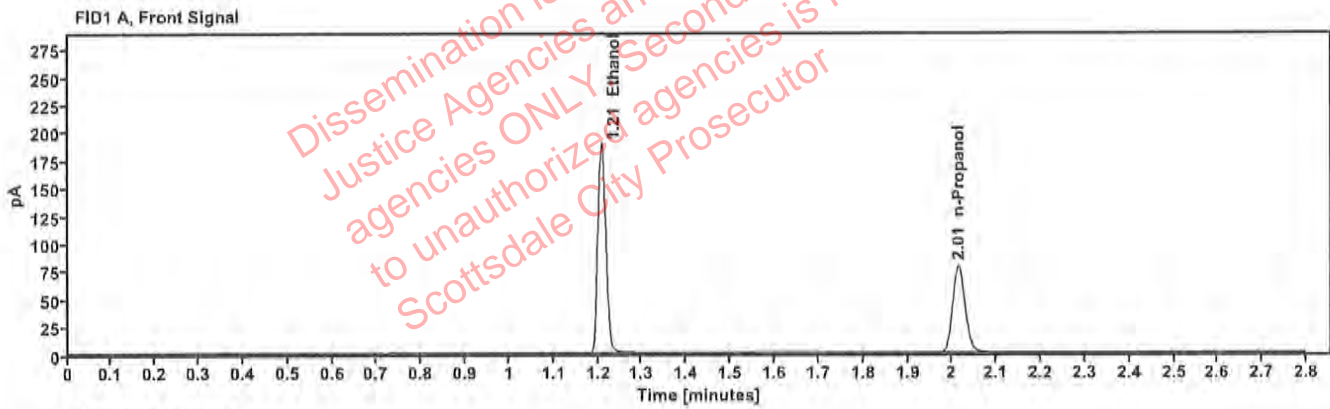


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	240.271
n-Propanol	2.014	155.359

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

Compound	Time (min)	Peak Area
Ethanol	1.354	263.702
n-Propanol	2.433	169.303

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:02:39 PM
Data file:	C:\Chem32\1\Data\29Aug23\5.D	Analyst:	Canonico <i>EL</i>

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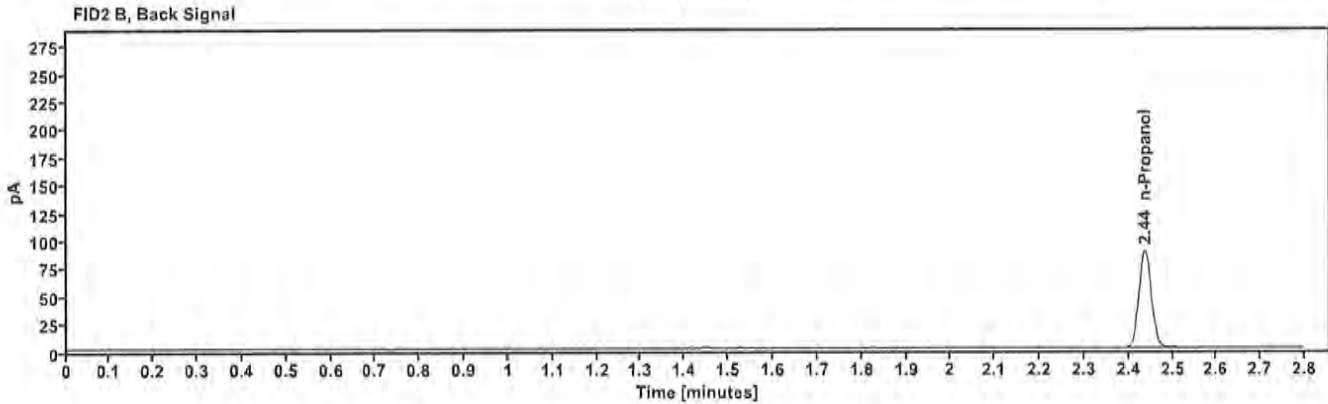
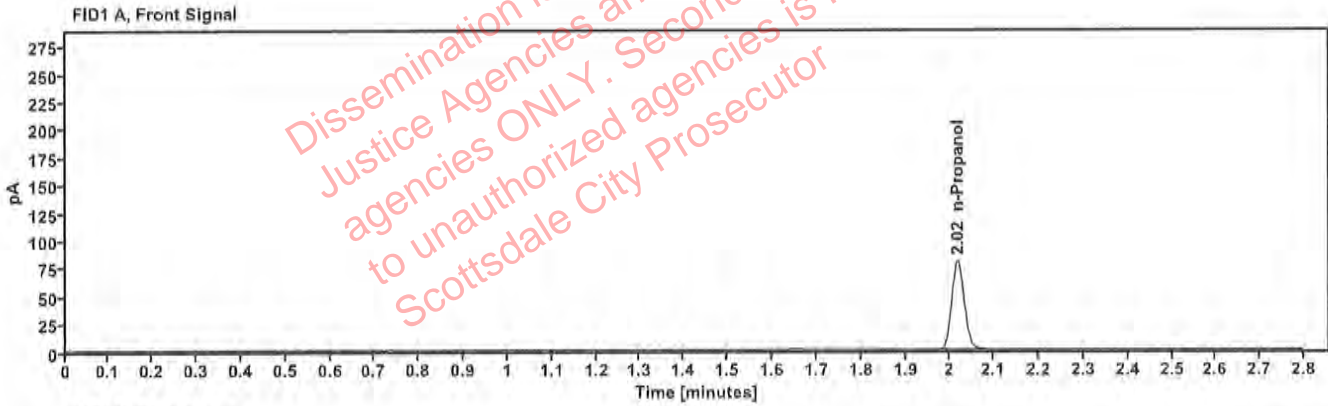


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.017	159.424

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	174.075

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:06:39 PM
Data file:	C:\Chem32\1\Data\29Aug23\6.D	Analyst:	Canonico <i>EC</i>

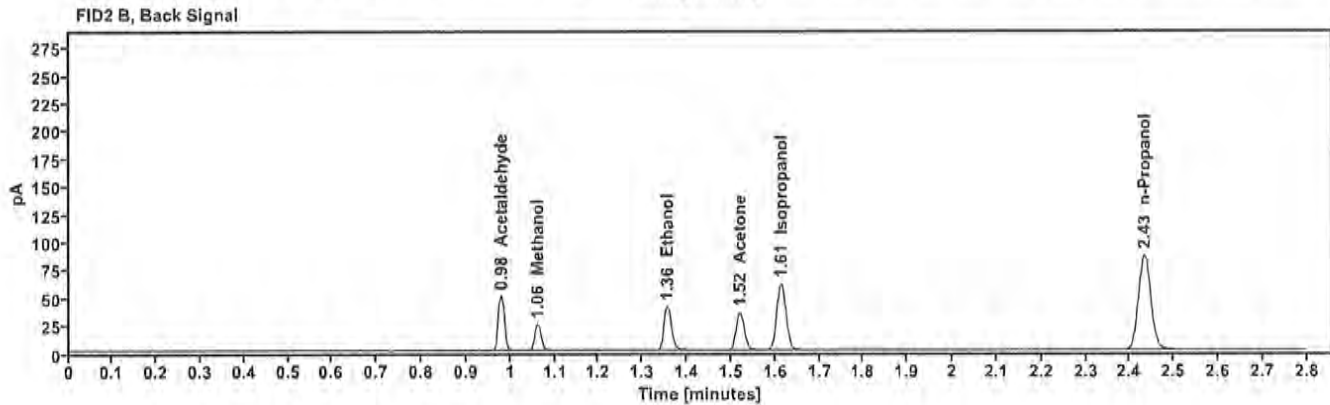
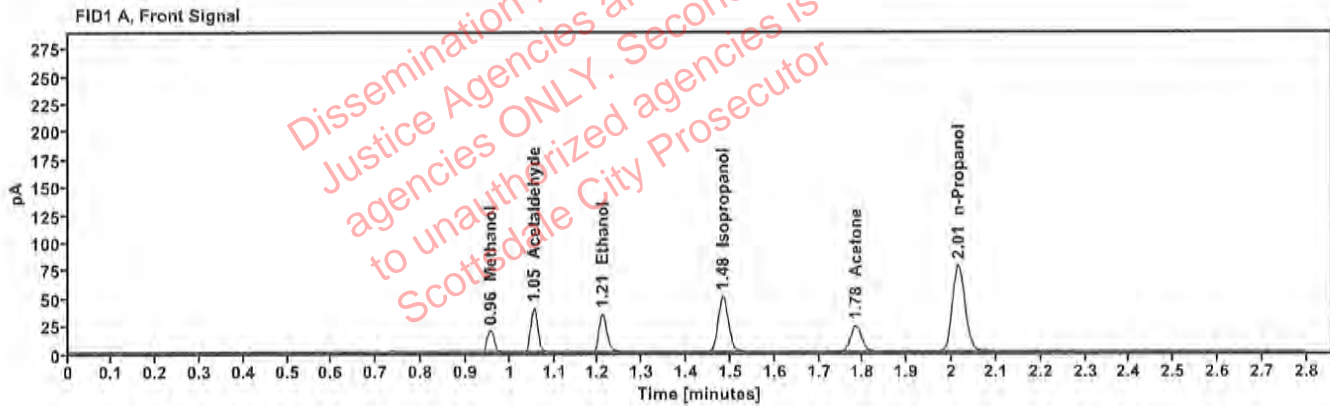


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	22.190
Acetaldehyde	-----	1.054	43.741
>Ethanol	0.0733	1.210	43.578
Isopropanol	-----	1.482	80.041
Acetone	-----	1.783	40.484
n-Propanol	-----	2.014	155.273

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	48.924
Methanol	1.061	24.649
Ethanol	1.355	47.757
Acetone	1.520	44.516
Isopropanol	1.613	88.701
n-Propanol	2.433	169.365

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:10:54 PM
Data file:	C:\Chem32\1\Data\29Aug23\7.D	Analyst:	Canonico <i>ee</i>

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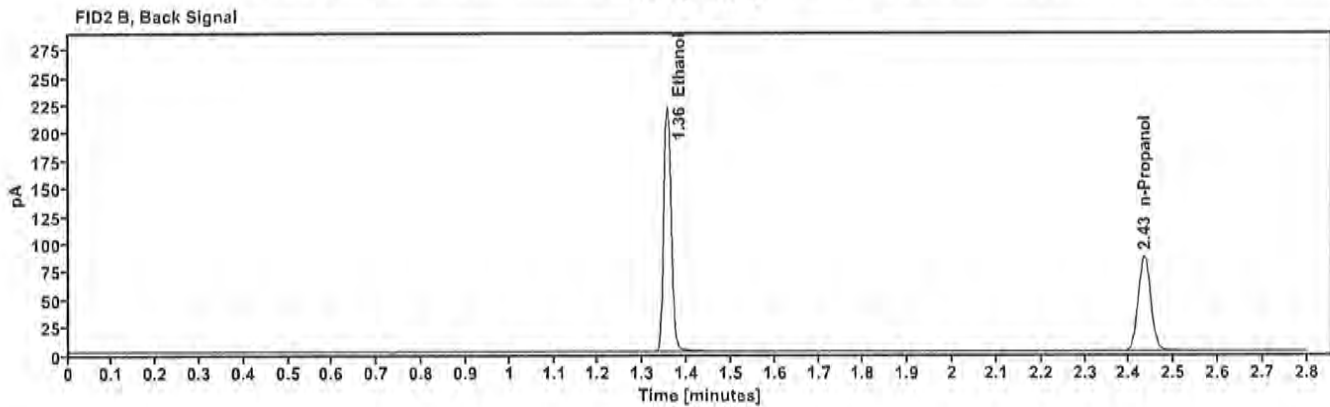
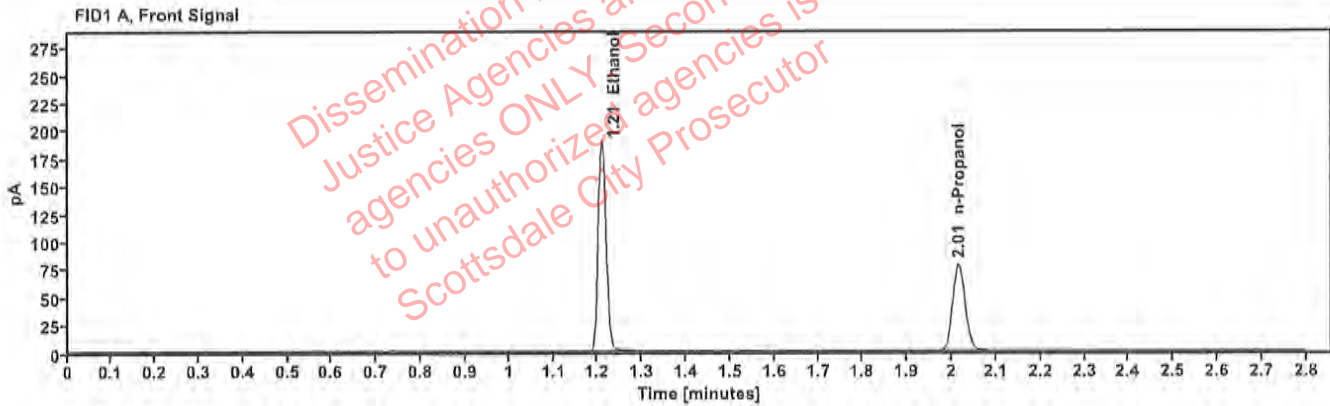


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4008	1.208	241.460
n-Propanol	—	2.015	156.045

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

Compound	Time (min)	Peak Area
Ethanol	1.355	265.730
n-Propanol	2.434	170.174

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:14:54 PM
Data file:	C:\Chem32\1\Data\29Aug23\8.D	Analyst:	Canonico <i>EL</i>

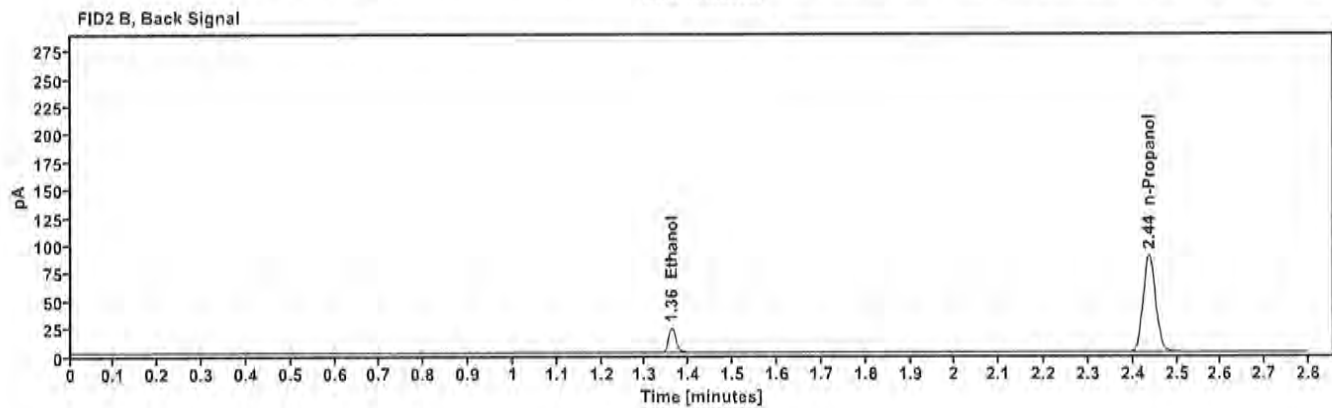
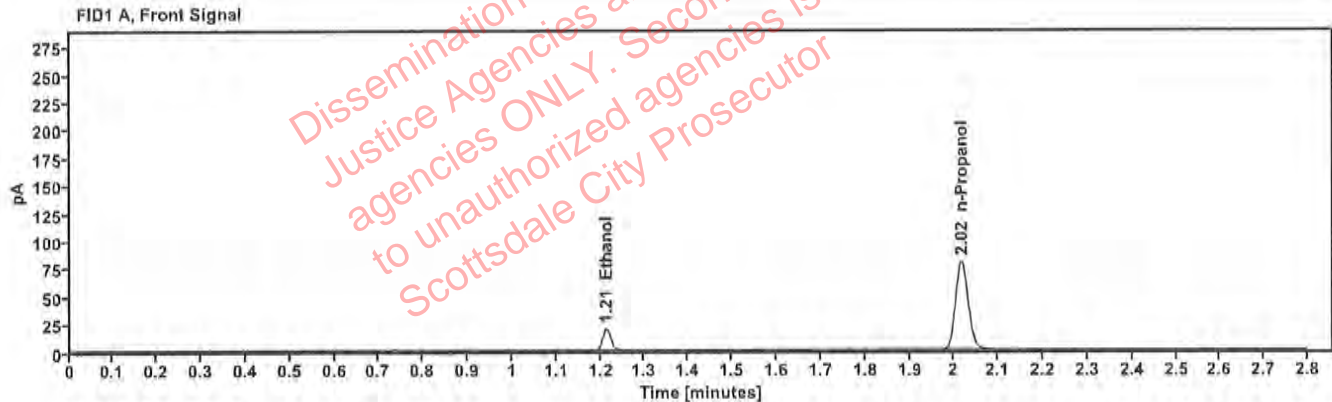


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.213	24.872
n-Propanol	-----	2.017	159.202

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

Compound	Time (min)	Peak Area
Ethanol	1.360	27.293
n-Propanol	2.437	173.654

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:18:54 PM
Data file:	C:\Chem32\1\Data\29Aug23\9.D	Analyst:	Canonico <i>ec</i>

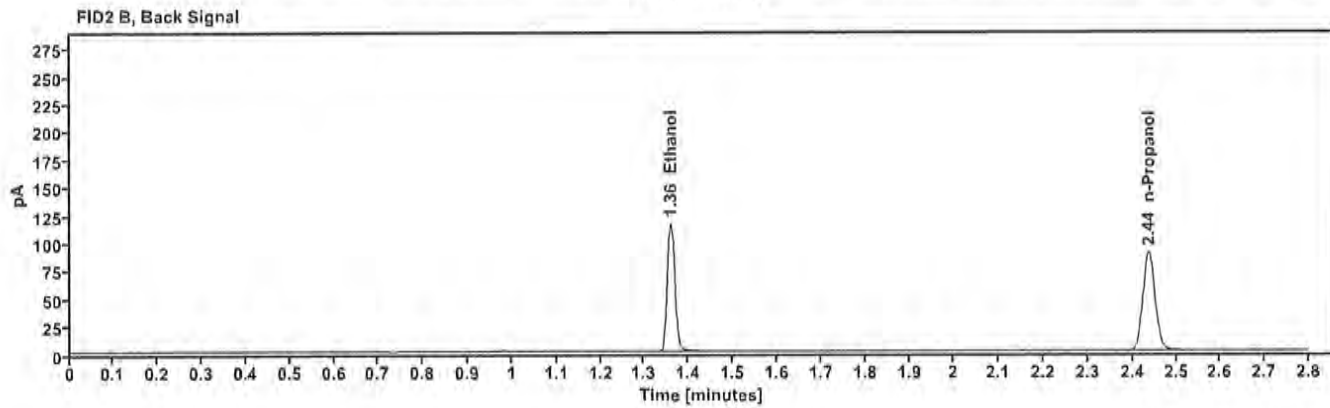
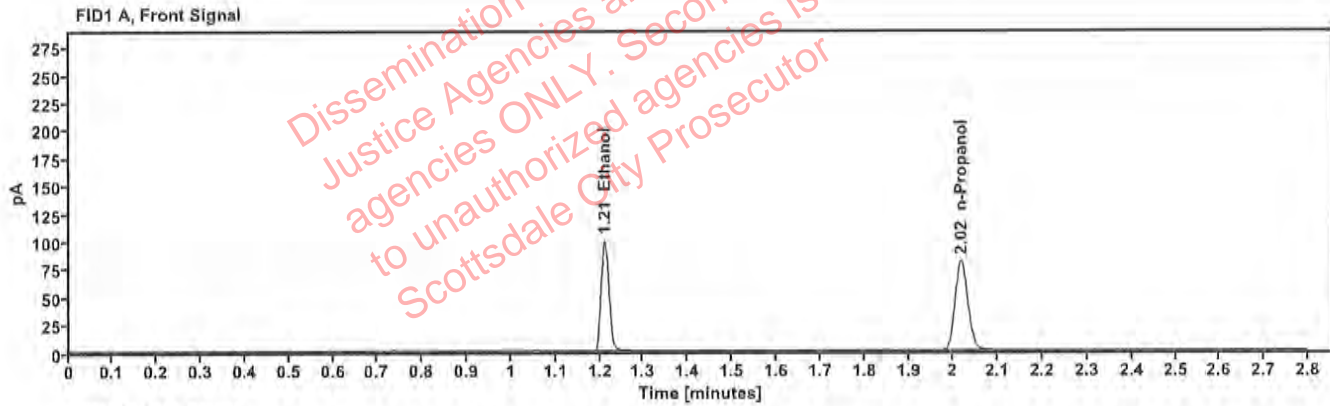


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.211	127.398
n-Propanol	---	2.017	161.428

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

Compound	Time (min)	Peak Area
Ethanol	1.359	139.647
n-Propanol	2.437	176.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 29Aug23
Instrument: US14173023 CN14160045	Injection date: 8/29/2023 4:03:23 PM
Data file: C:\Chem32\1\Data\29Aug23\20.D	Analyst: Canonico <i>EC</i>

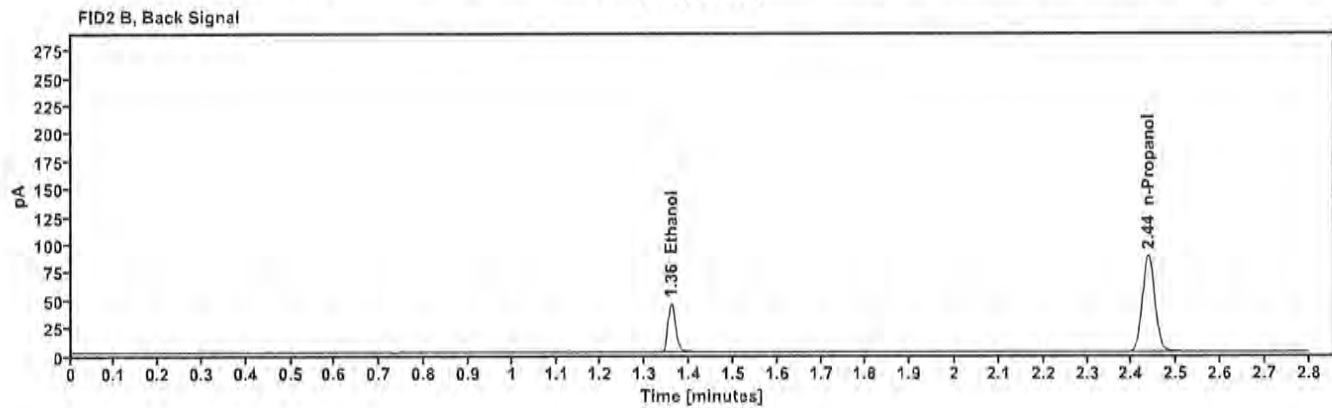
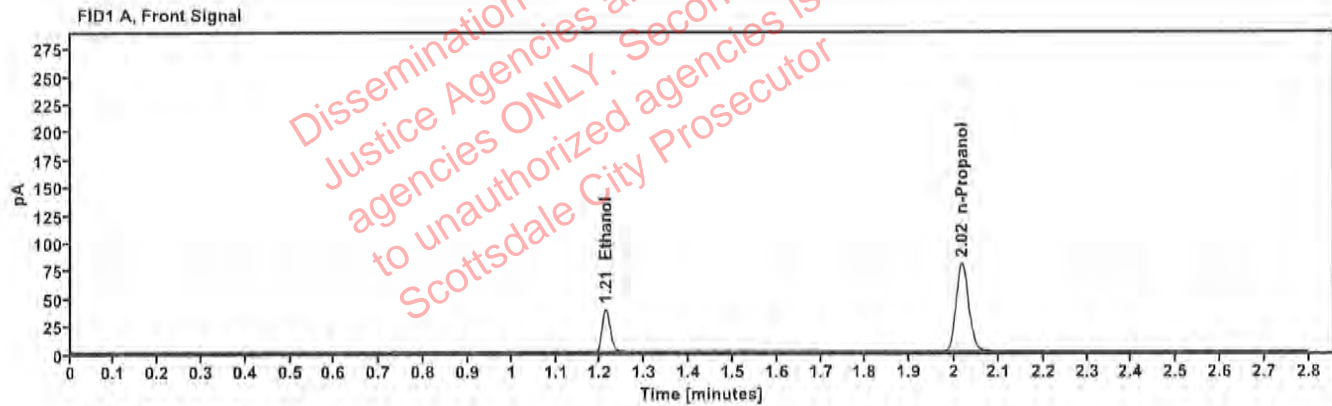


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.212	49.204
n-Propanol	---	2.017	158.474

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

Compound	Time (min)	Peak Area
Ethanol	1.359	53.944
n-Propanol	2.437	172.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 29Aug23
Instrument: US14173023 CN14160045	Injection date: 8/29/2023 4:47:54 PM
Data file: C:\Chem32\1\Data\29Aug23\31.D	Analyst: Canonico <i>EC</i>

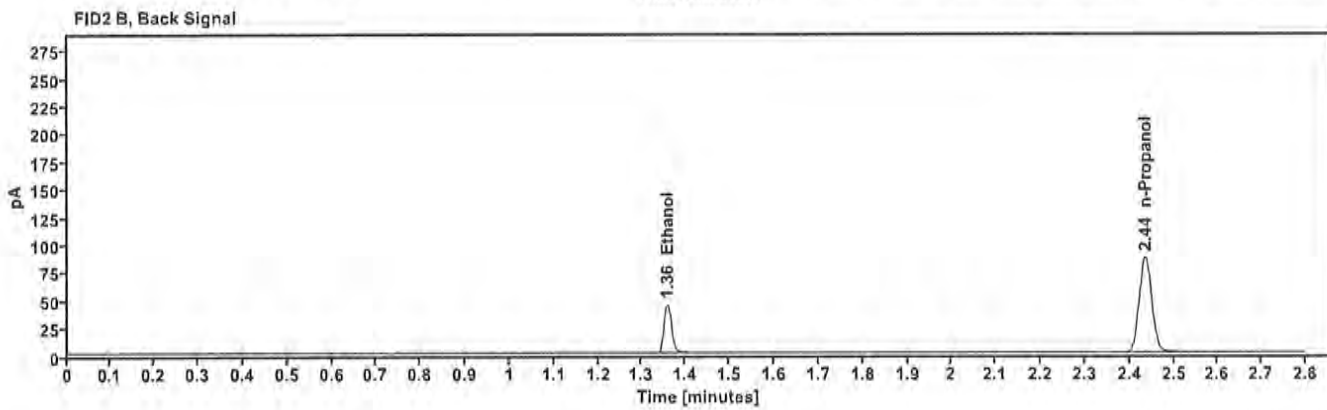
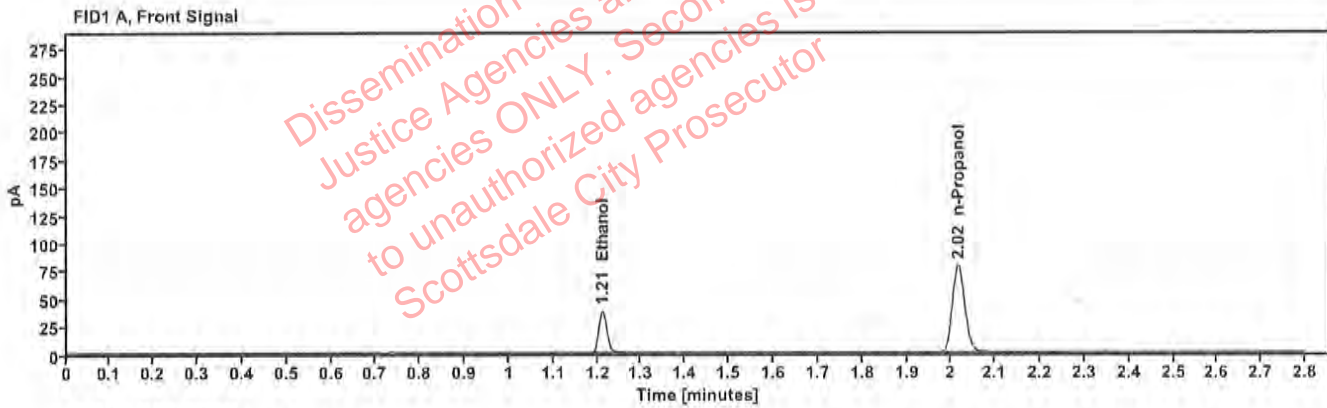


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.211	48.876
n-Propanol	—	2.016	156.877

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

Compound	Time (min)	Peak Area
Ethanol	1.358	53.265
n-Propanol	2.435	171.120

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 29Aug23
Instrument: US14173023 CN14160045	Injection date: 8/29/2023 5:32:09 PM
Data file: C:\Chem32\1\Data\29Aug23\42.D	Analyst: Canonico

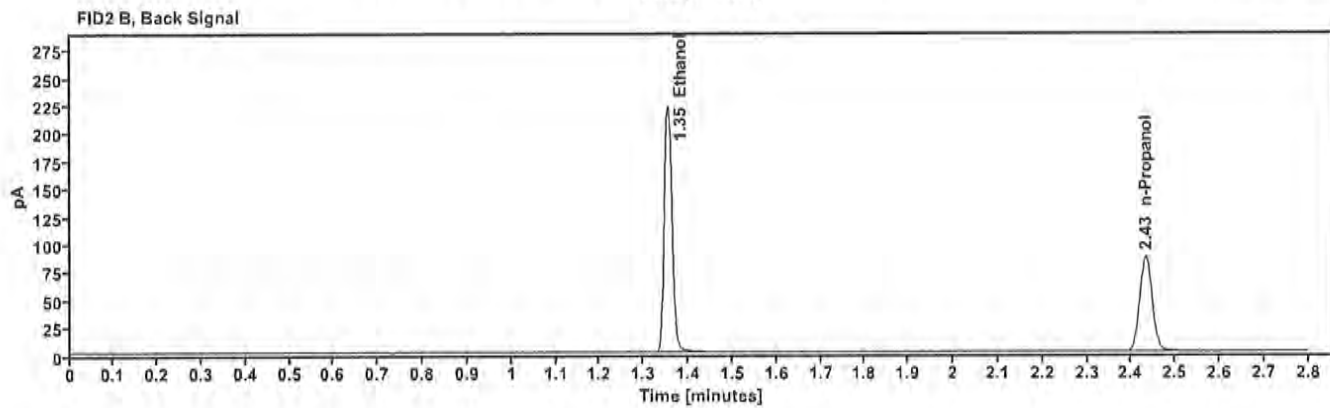
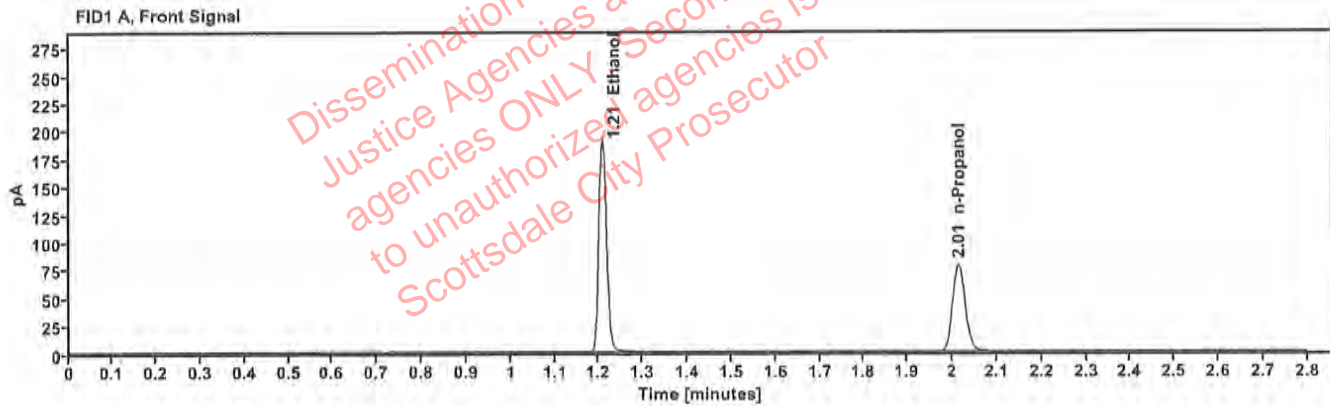


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4024	1.208	243.427
n-Propanol	---	2.014	156.693

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

Compound	Time (min)	Peak Area
Ethanol	1.354	268.243
n-Propanol	2.432	171.098

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 29Aug23
Instrument: US14173023 CN14160045	Injection date: 8/29/2023 5:36:23 PM
Data file: C:\Chem32\1\Data\29Aug23\43.D	Analyst: Canonico <i>EC</i>

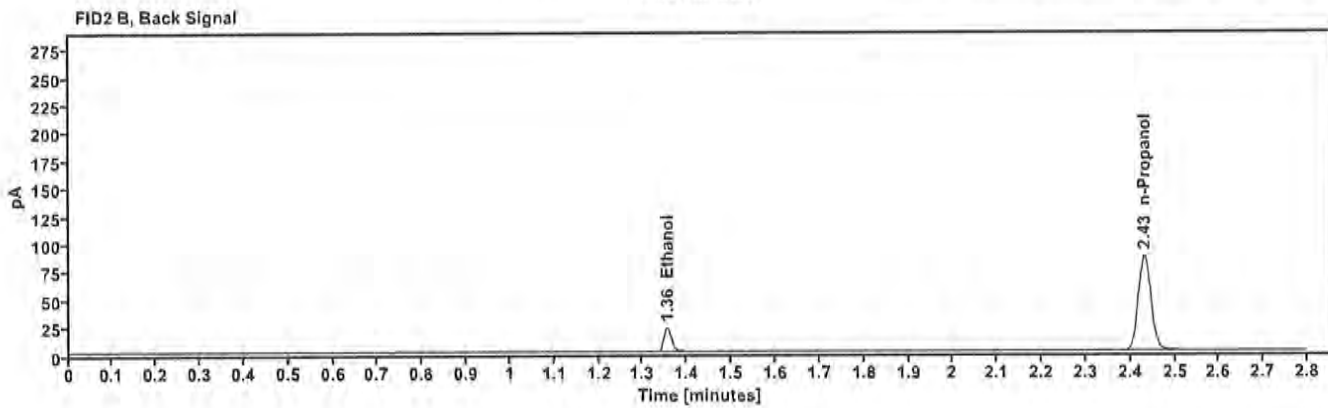
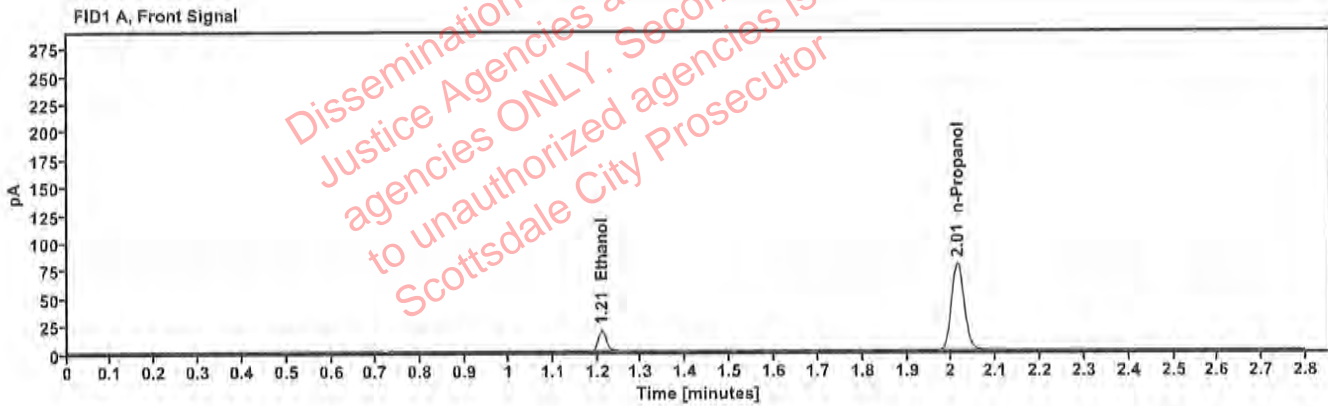


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.210	24,265
n-Propanol	—	2.013	156,776

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

Compound	Time (min)	Peak Area
Ethanol	1.355	26,471
n-Propanol	2.432	170,661

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 29Aug23
Instrument: US14173023 CN14160045	Injection date: 8/29/2023 5:40:24 PM
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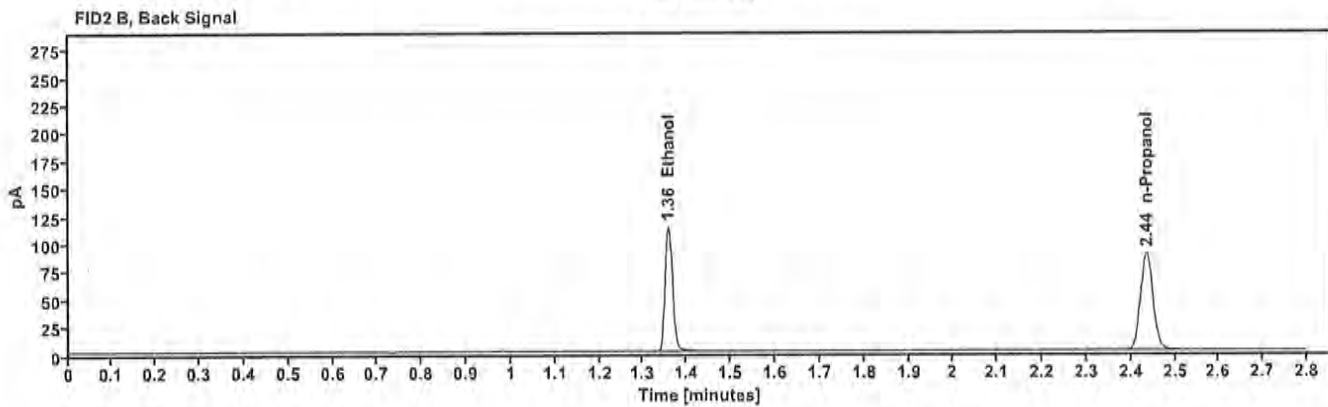
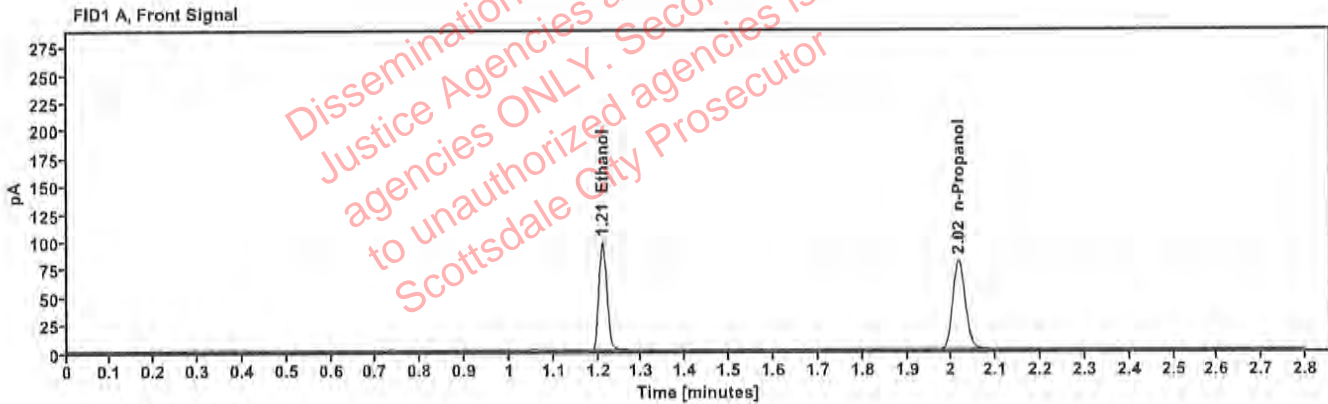


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2019	1.210	124.238
n-Propanol	---	2.016	159.642

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

Compound	Time (min)	Peak Area
Ethanol	1.357	136.067
n-Propanol	2.435	174.111

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 060223AQ	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 29Aug23
Instrument: US14173023 CN14160045	Injection date: 8/29/2023 5:44:24 PM
Data file: C:\Chem32\1\Data\29Aug23\45.D	Analyst: Canonico <i>ec</i>

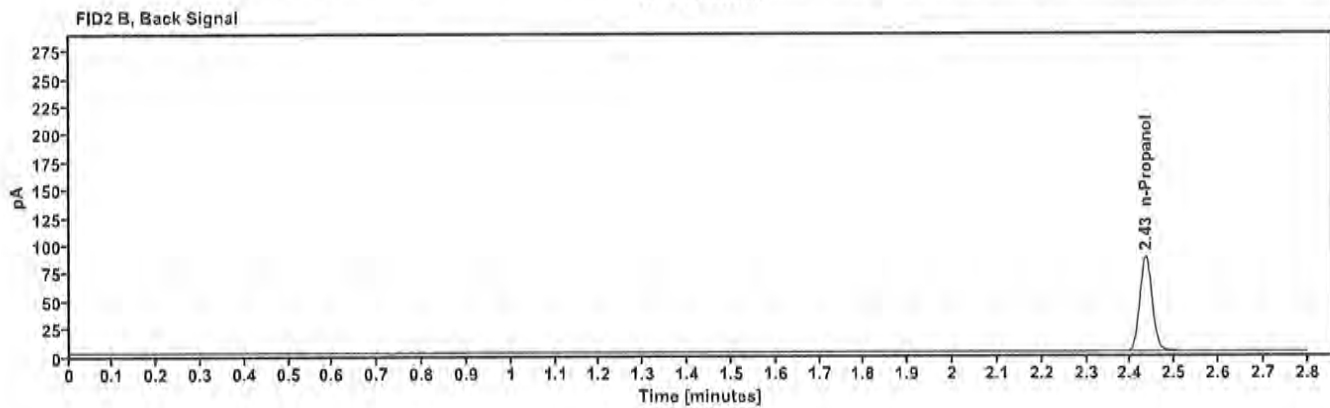
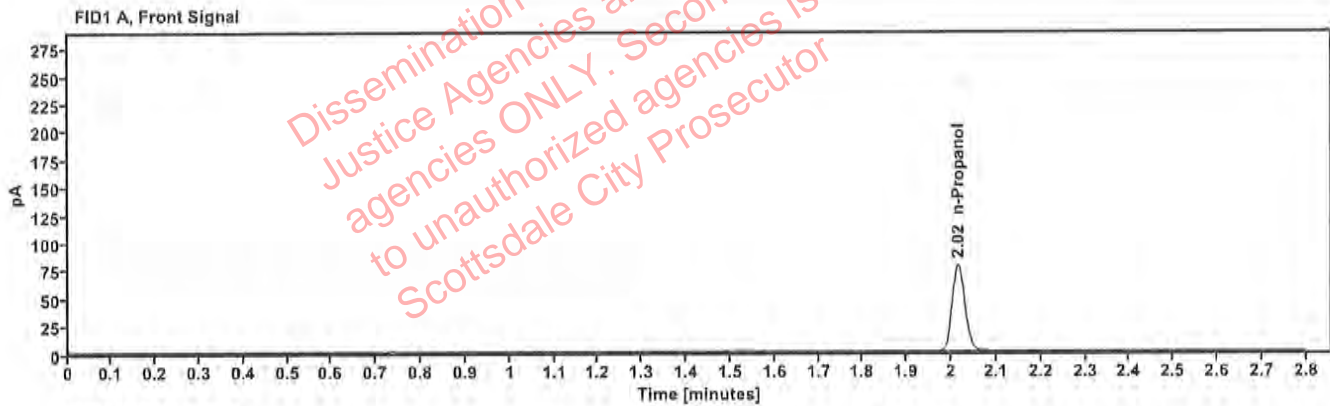


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.015	156.180

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

Compound	Time (min)	Peak Area
n-Propanol	2.434	170.356

Sequence Summary

Sequence name: 29Aug23 Instrument: US14173023 CN14160045 Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN11172002	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	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/10	0.199	Control		ethanol quant.M
10	2317202-2		Sample		ethanol quant.M
11	2317202-2		Sample		ethanol quant.M
12	2317263-2		Sample		ethanol quant.M
13	2317263-2		Sample		ethanol quant.M
14	2317286-1		Sample		ethanol quant.M
15	2317286-1		Sample		ethanol quant.M
16	2317291-3		Sample		ethanol quant.M
17	2317291-3		Sample		ethanol quant.M
18	2317294-2		Sample		ethanol quant.M
19	2317294-2		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	2317424-3		Sample		ethanol quant.M
22	2317424-3		Sample		ethanol quant.M
23	2313870-1		Sample		ethanol quant.M
24	2313870-1		Sample		ethanol quant.M
25	2315661-2		Sample		ethanol quant.M
26	2315661-2		Sample		ethanol quant.M
27	2317220-1		Sample		ethanol quant.M
28	2317220-1		Sample		ethanol quant.M
29	2317494-4		Sample		ethanol quant.M
30	2317494-4		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2315180-2		Sample		ethanol quant.M
33	2315180-2		Sample		ethanol quant.M
34	2316801-2		Sample		ethanol quant.M
35	2316801-2		Sample		ethanol quant.M
36	2317793-1		Sample		ethanol quant.M
37	2317793-1		Sample		ethanol quant.M
38	2317806-3		Sample		ethanol quant.M
39	2317806-3		Sample		ethanol quant.M
40	2317246-3		Sample		ethanol quant.M
41	2317246-3		Sample		ethanol quant.M
42	30012020-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/10	0.199	Control		ethanol quant.M
45	060223AQ	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 29Aug23

ANALYST: Canonico ec

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2799	0.2796	0.27975	0.05	0.00015
12 13	0.1637	0.1639	0.16380	0.06	0.00010
14 15	0.1791	0.1795	0.17930	0.11	0.00020
16 17	0.2772	0.2767	0.27695	0.09	0.00025
18 19	0.1051	0.1056	0.10535	0.24	0.00025
21 22	0.2852	0.2857	0.28545	0.09	0.00025
23 24	0.0000	0.0000	0.00000	0.00	0.00000
25 26	0.2150	0.2147	0.21485	0.07	0.00015
27 28	0.1238	0.1224	0.12310	0.57	0.00070
29 30	0.1400	0.1409	0.14045	0.32	0.00045
32 33	0.0786	0.0784	0.07850	0.13	0.00010
34 35	0.1298	0.1307	0.13025	0.35	0.00045
36 37	0.0430	0.0429	0.04295	0.12	0.00005
38 39	0.0883	0.0892	0.08875	0.51	0.00045
40 41	0.0000	0.0000	0.00000	0.00	0.00000

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

[REDACTED]: Canonico, Erika - (30-Aug-2023)

Case: [REDACTED] User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317202-2	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:22:54 PM
Data file:	C:\Chem32\1\Data\29Aug23\10.D	Analyst:	Canonico

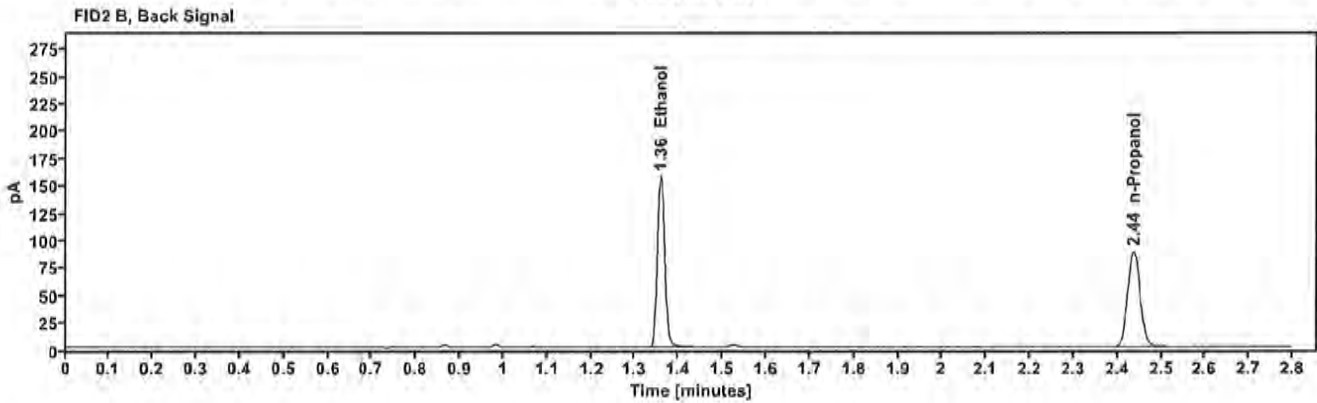
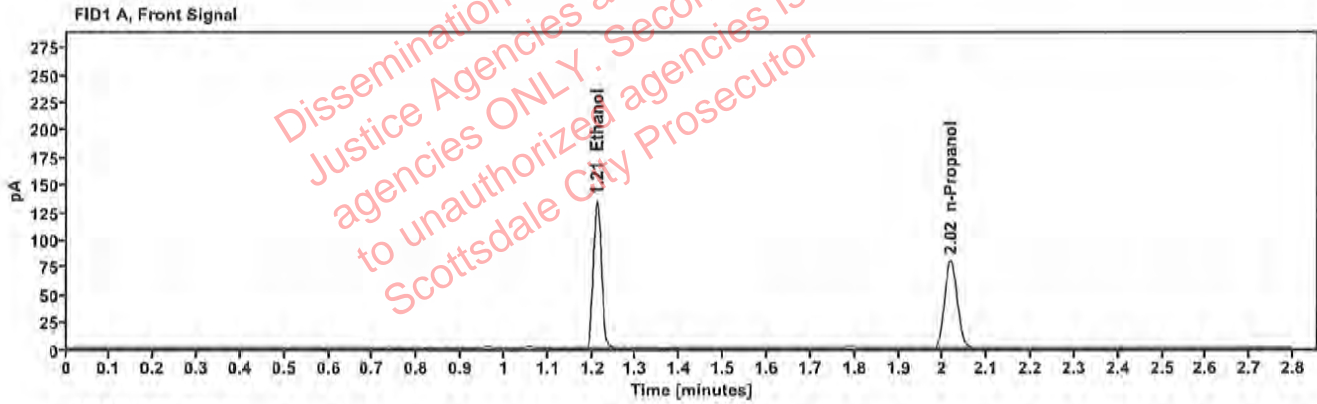


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2799	1.211	171.922
n-Propanol	---	2.017	159.226

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

Compound	Time (min)	Peak Area
Ethanol	1.359	188.829
n-Propanol	2.437	173.403

: Canonico, Erika - (30-Aug-2023)

Case: User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317202-2	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:26:54 PM
Data file:	C:\Chem32\1\Data\29Aug23\11.D	Analyst:	Canonico

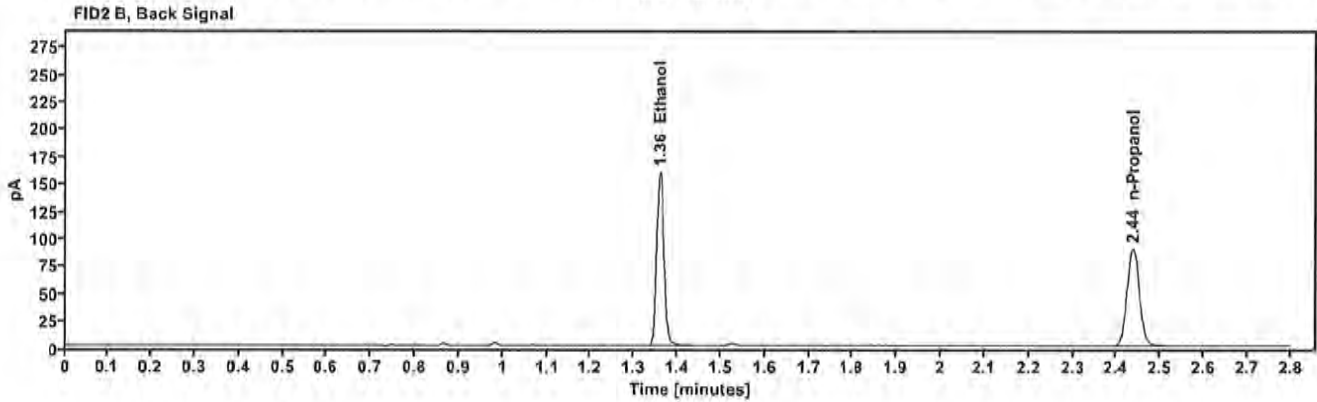
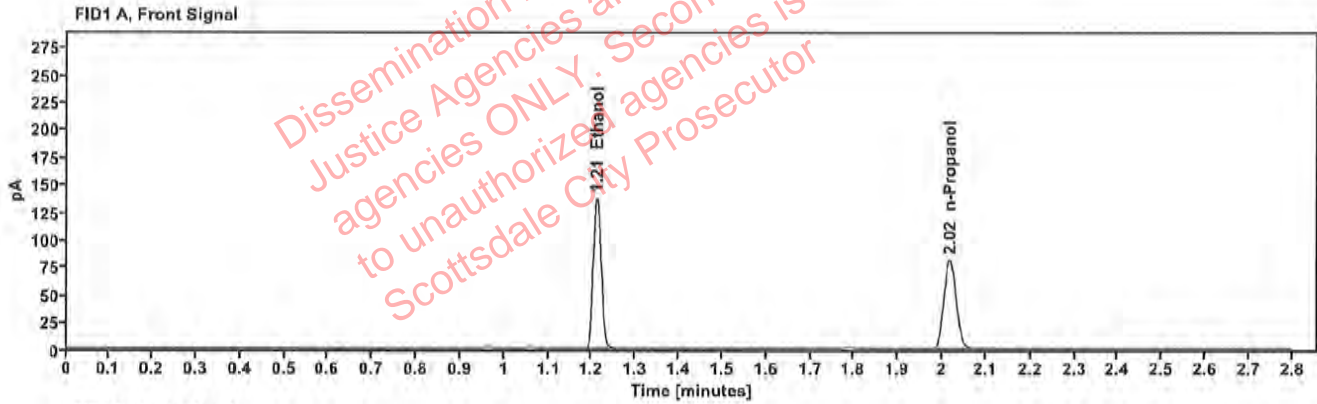


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2796	1.211	174.818
n-Propanol	---	2.017	162.086

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

Compound	Time (min)	Peak Area
Ethanol	1.359	191.989
n-Propanol	2.437	176.603

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317263-2	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:30:54 PM
Data file:	C:\Chem32\1\Data\29Aug23\12.D	Analyst:	Canonico

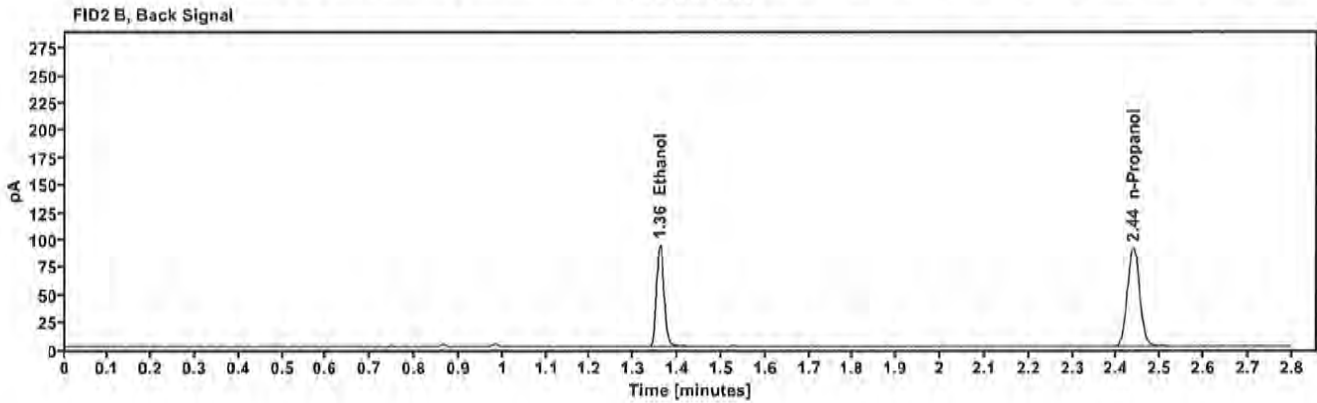
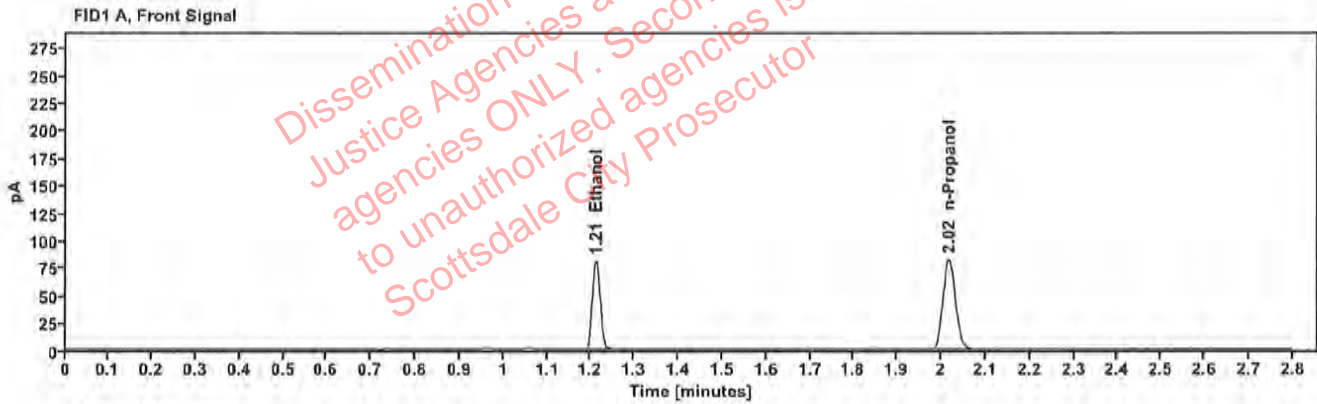


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1637	1.212	103.358
n-Propanol	---	2.017	163.962

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

Compound	Time (min)	Peak Area
Ethanol	1.359	113.319
n-Propanol	2.437	178.851

: Canonico, Erika - (30-Aug-2023)

Case: User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317263-2	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:35:08 PM
Data file:	C:\Chem32\1\Data\29Aug23\13.D	Analyst:	Canonico

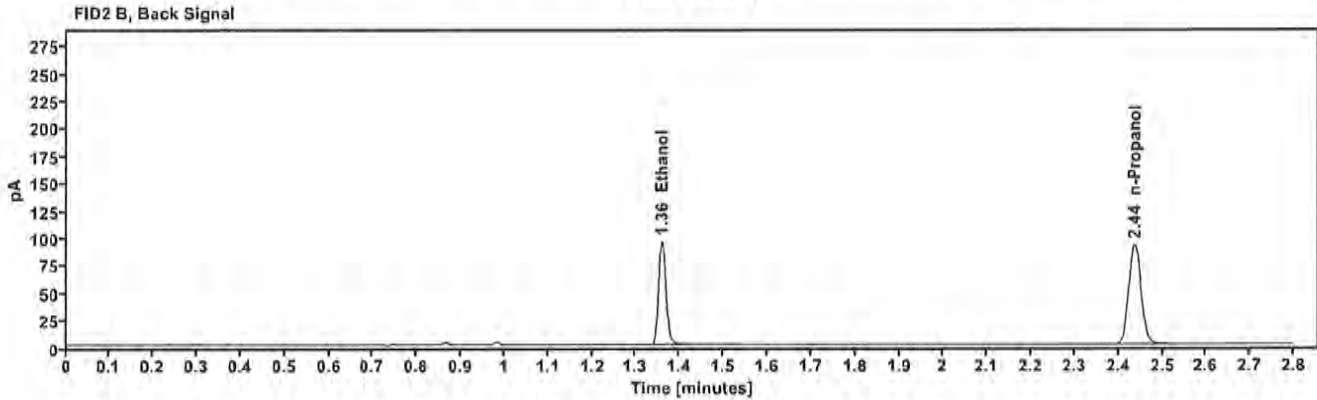
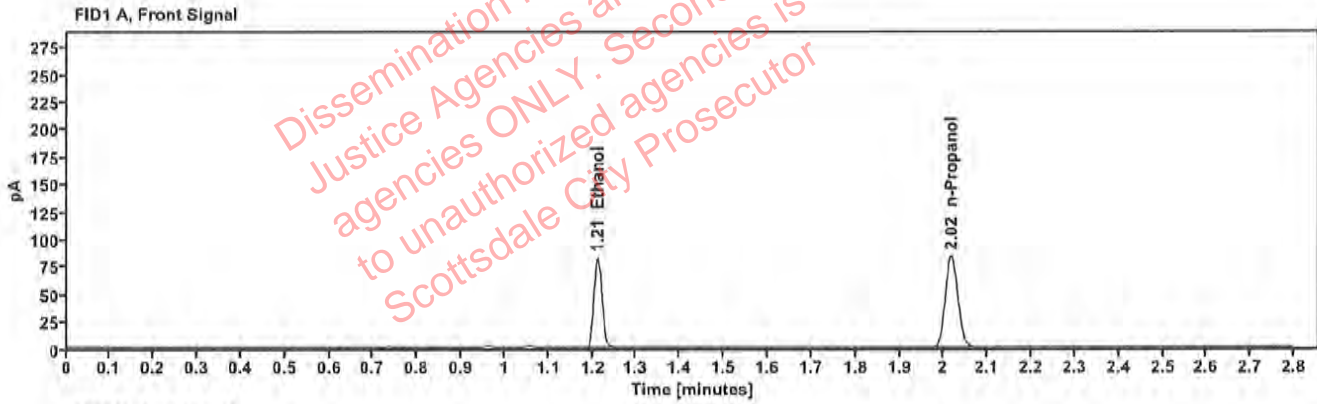


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1639	1.211	105.020
n-Propanol	—	2.017	166.363

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

Compound	Time (min)	Peak Area
Ethanol	1.359	115.133
n-Propanol	2.437	181.368

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317286-1	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:39:08 PM
Data file:	C:\Chem32\1\Data\29Aug23\14.D	Analyst:	Canonico

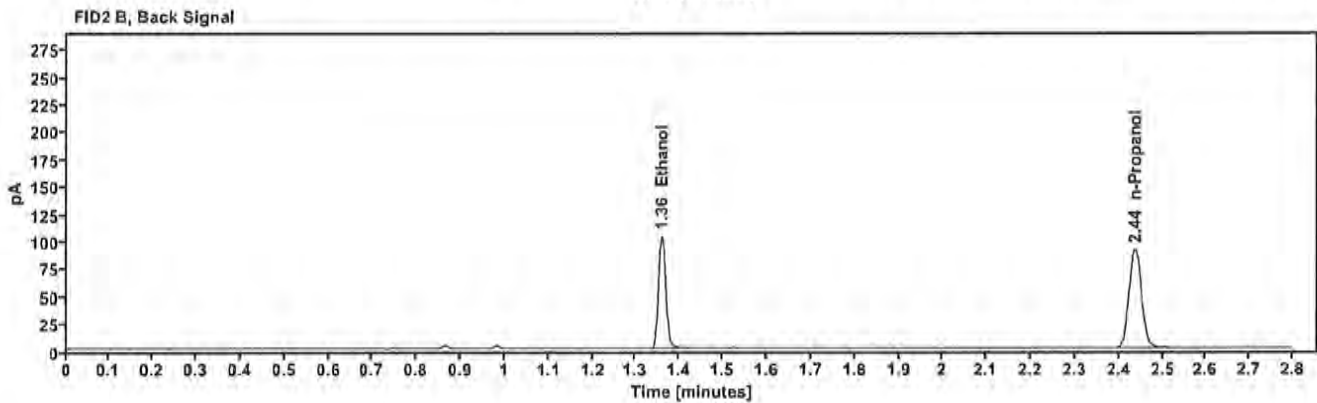
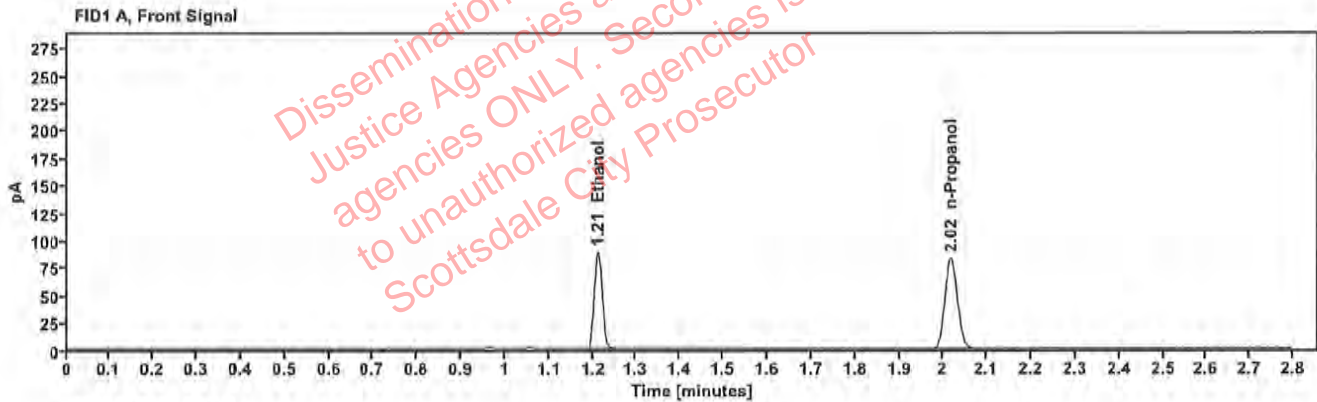


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1791	1.211	113.712
n-Propanol	---	2.017	164.822

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

Compound	Time (min)	Peak Area
Ethanol	1.359	124.796
n-Propanol	2.437	179.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317286-1	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:43:09 PM
Data file:	C:\Chem32\1\Data\29Aug23\15.D	Analyst:	Canonico

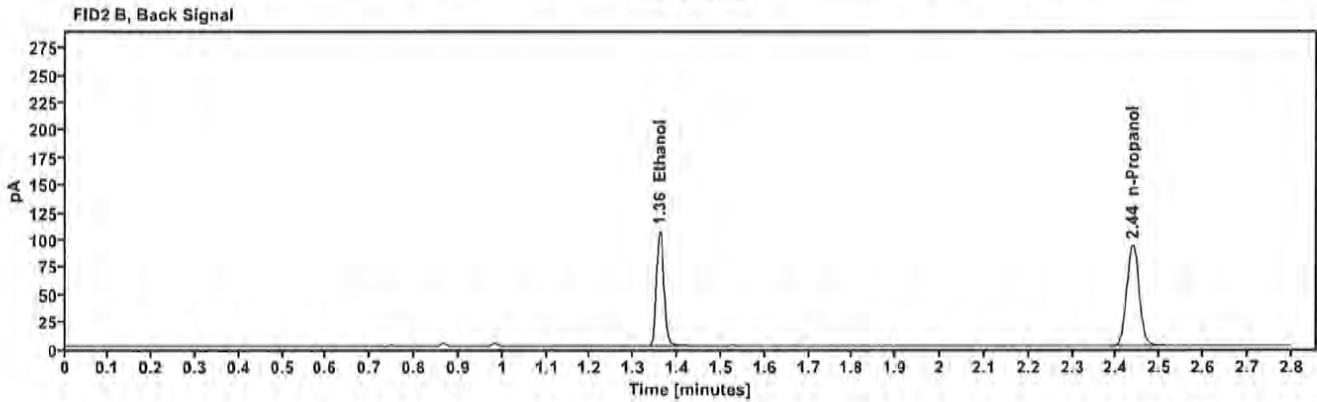
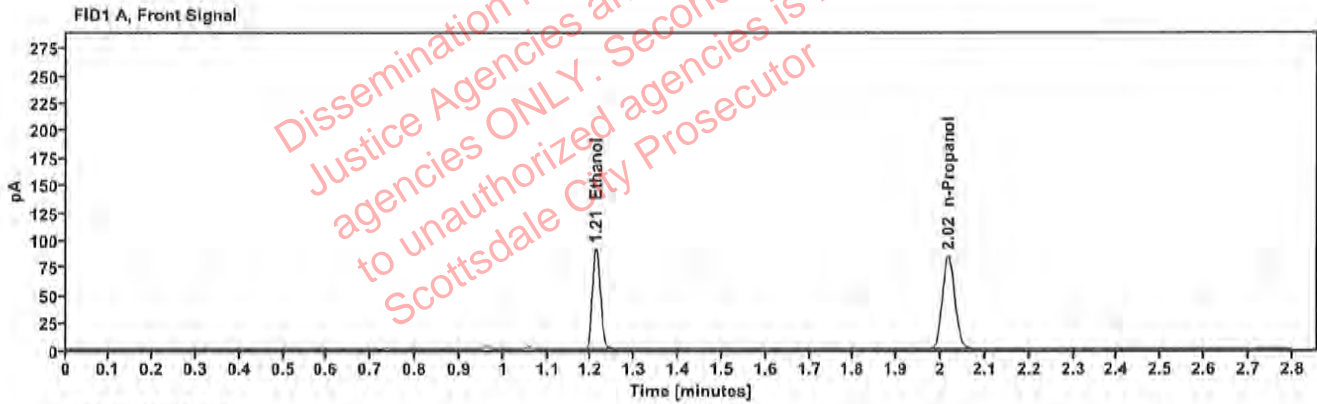


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1795	1.211	116.609
n-Propanol	---	2.017	168.591

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

Compound	Time (min)	Peak Area
Ethanol	1.359	127.882
n-Propanol	2.437	183.838

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317291-3	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:47:09 PM
Data file:	C:\Chem32\1\Data\29Aug23\16.D	Analyst:	Canonico

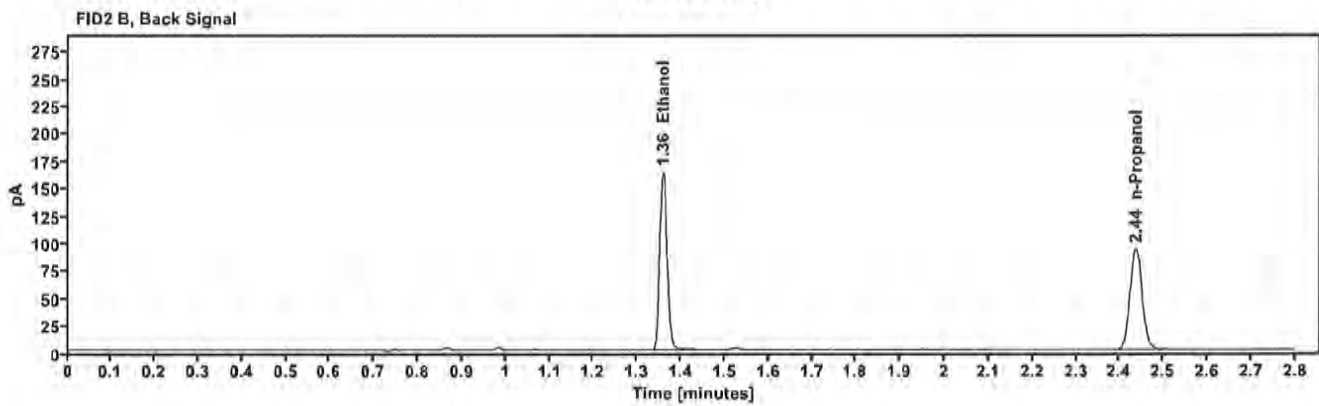
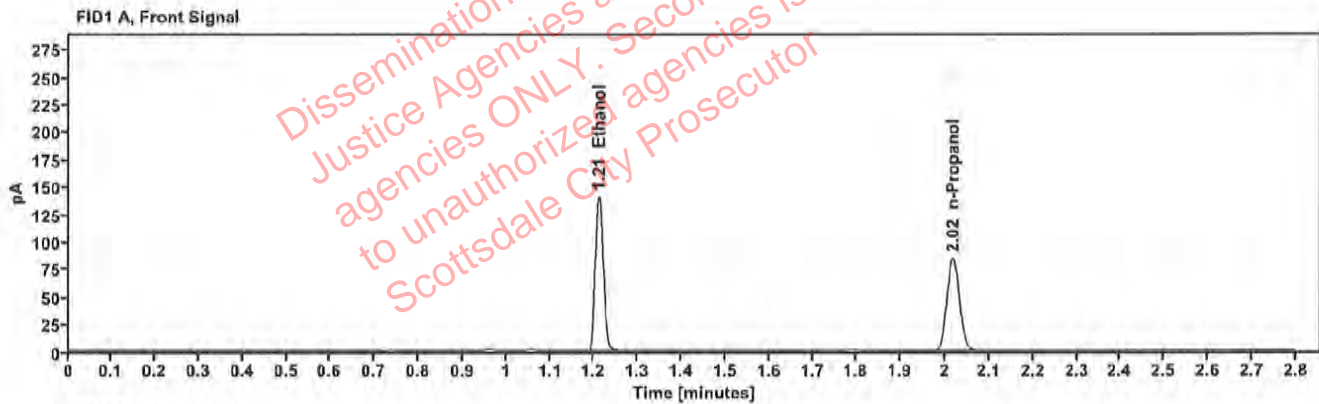


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2772	1.211	179.385
n-Propanol	—	2.017	167.762

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

Compound	Time (min)	Peak Area
Ethanol	1.359	196.946
n-Propanol	2.437	182.781

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317291-3	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:51:09 PM
Data file:	C:\Chem32\1\Data\29Aug23\17.D	Analyst:	Canonico

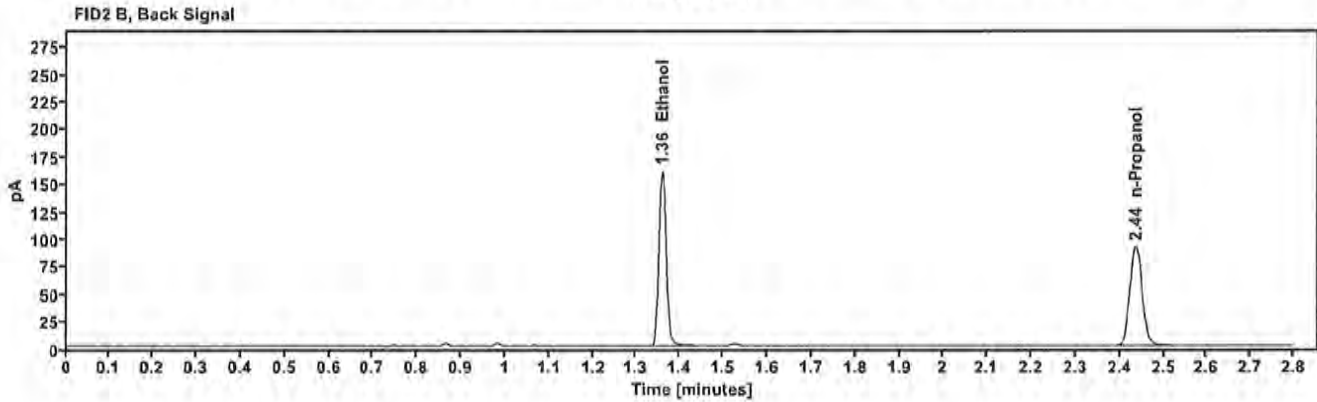
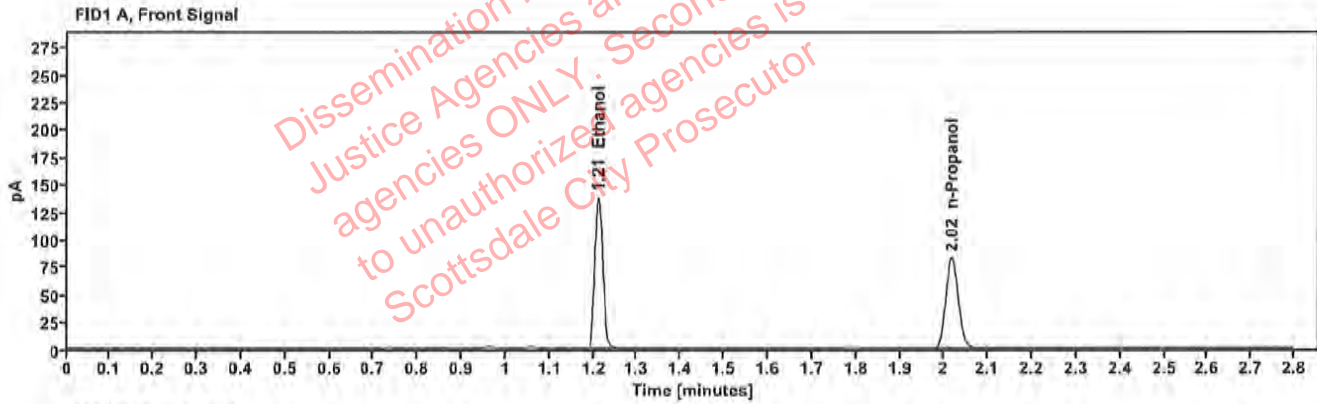


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2767	1.211	176.226
n-Propanol	---	2.017	165.071

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

Compound	Time (min)	Peak Area
Ethanol	1.359	193.604
n-Propanol	2.437	180.044

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317294-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:55:09 PM
Data file:	C:\Chem32\1\Data\29Aug23\18.D	Analyst:	Canonico

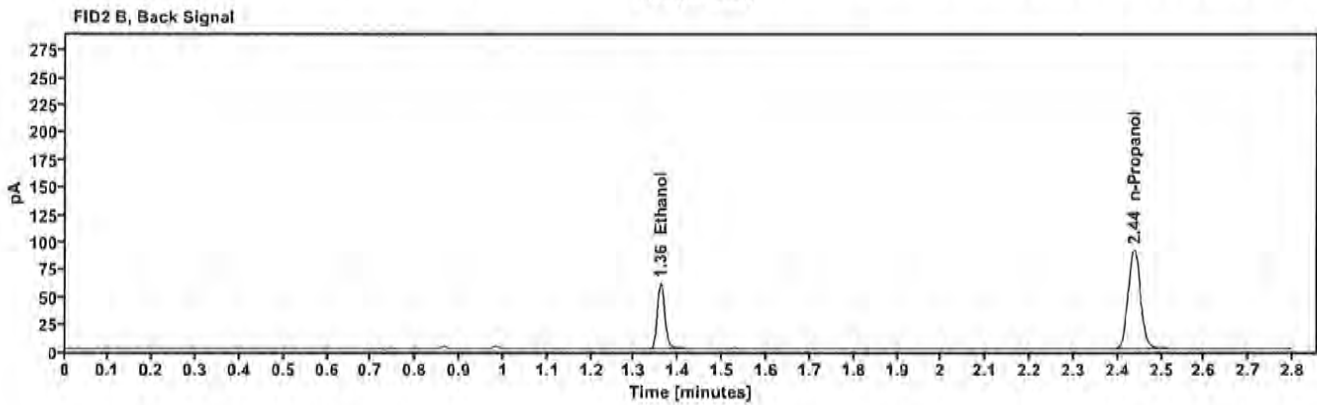
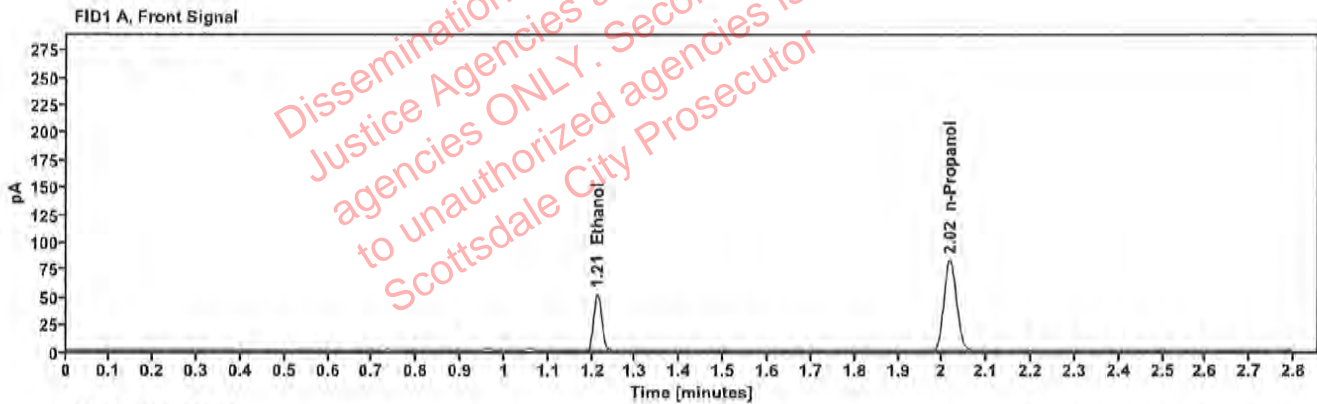


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1051	1.212	66.685
n-Propanol	---	2.017	165.105

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

Compound	Time (min)	Peak Area
Ethanol	1.359	72.963
n-Propanol	2.437	180.263

[REDACTED]: Canonico, Erika - (30-Aug-2023)

Case: [REDACTED] User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317294-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 3:59:23 PM
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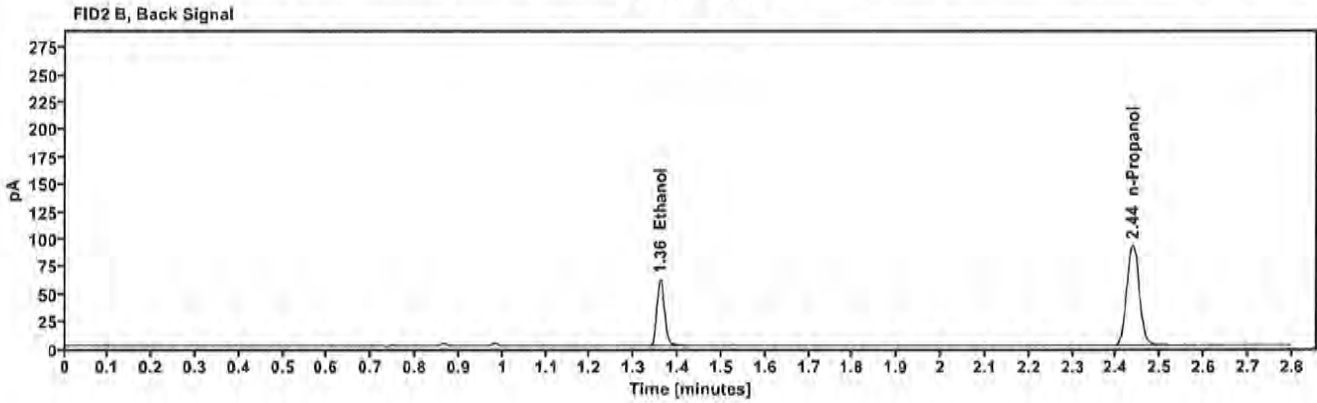
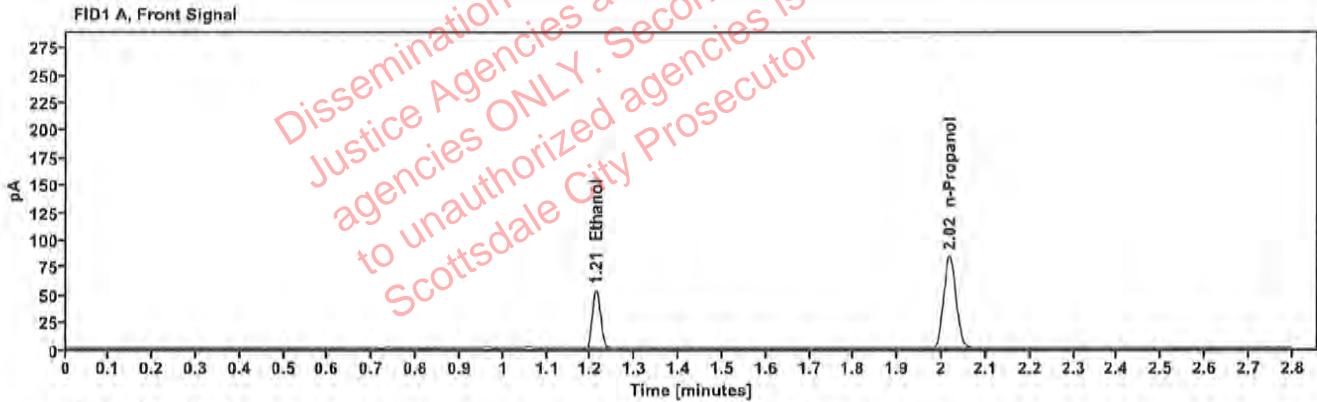


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1056	1.212	67.929
n-Propanol	---	2.017	167.390

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

Compound	Time (min)	Peak Area
Ethanol	1.360	74.296
n-Propanol	2.437	182.658

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317424-3	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:07:23 PM
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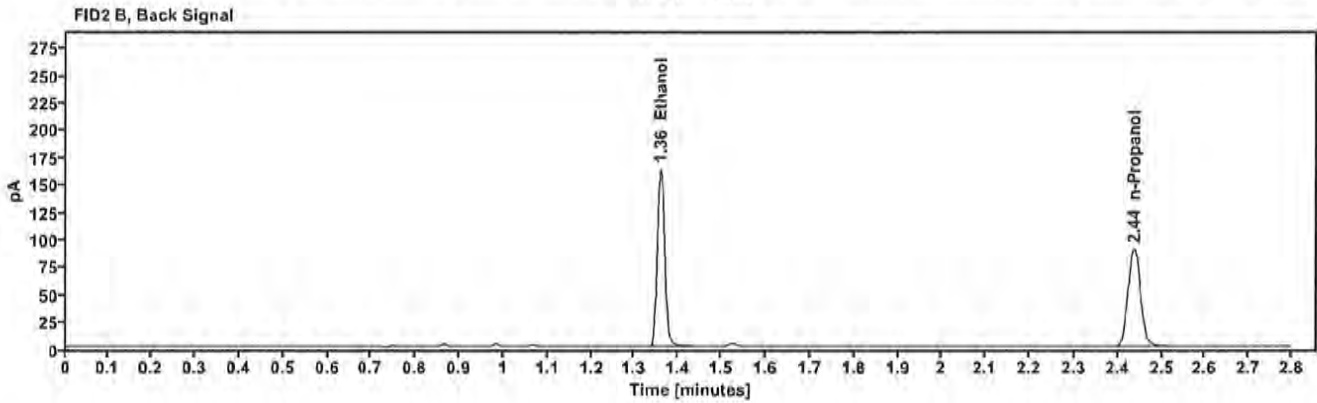
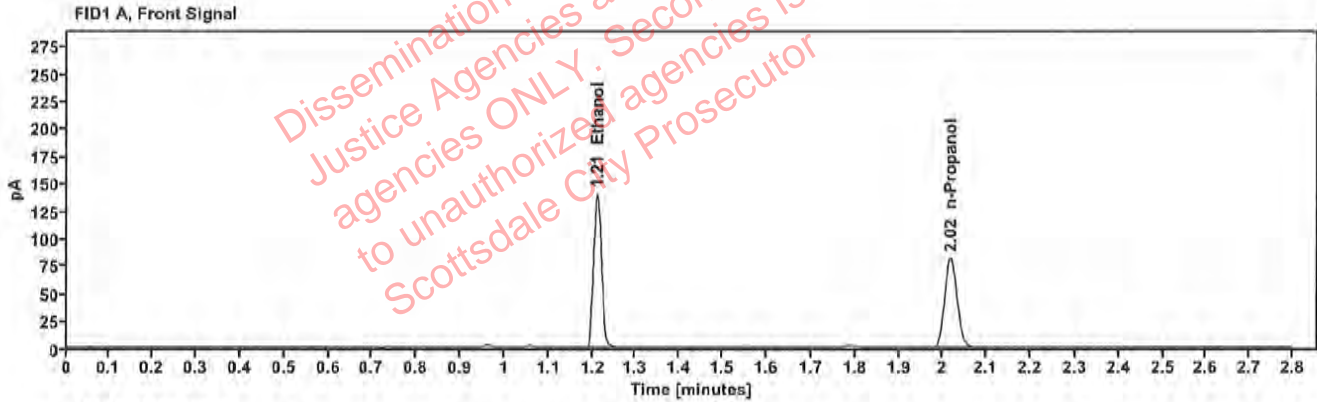


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2852	1.211	178.823
n-Propanol	---	2.017	162.533

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

Compound	Time (min)	Peak Area
Ethanol	1.359	196.283
n-Propanol	2.437	176.984

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317424-3	Vial:	22
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:11:23 PM
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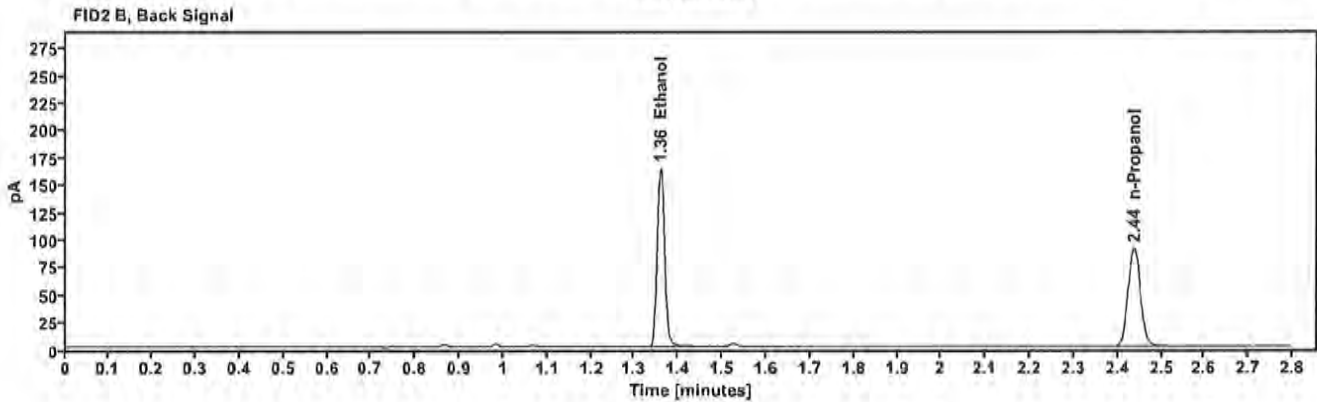
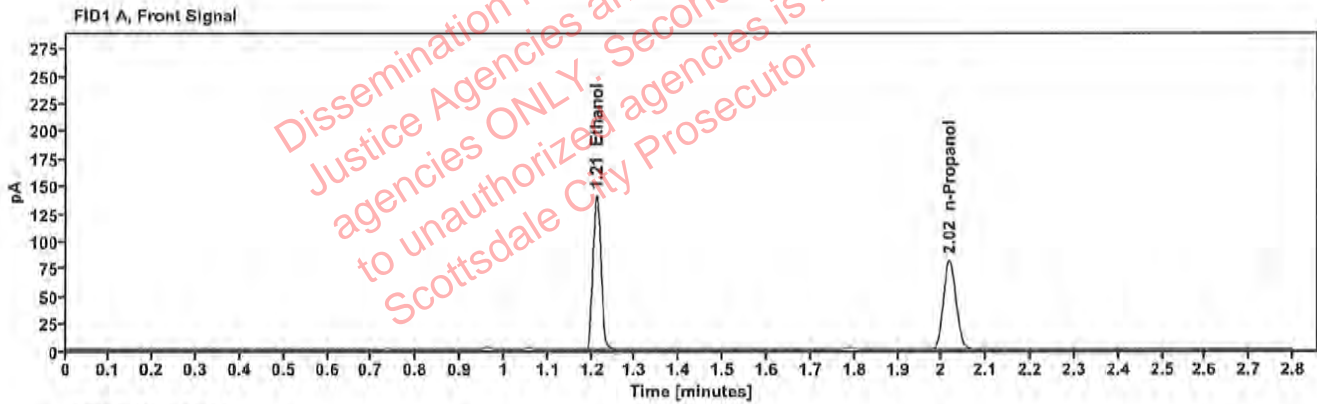


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2857	1.211	179.795
n-Propanol	---	2.017	163.120

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

Compound	Time (min)	Peak Area
Ethanol	1.359	197.821
n-Propanol	2.437	177.644

Canonico, Erika - (30-Aug-2023)

Case: User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2313870-1	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:15:23 PM
Data file:	C:\Chem32\1\Data\29Aug23\23.D	Analyst:	Canonico

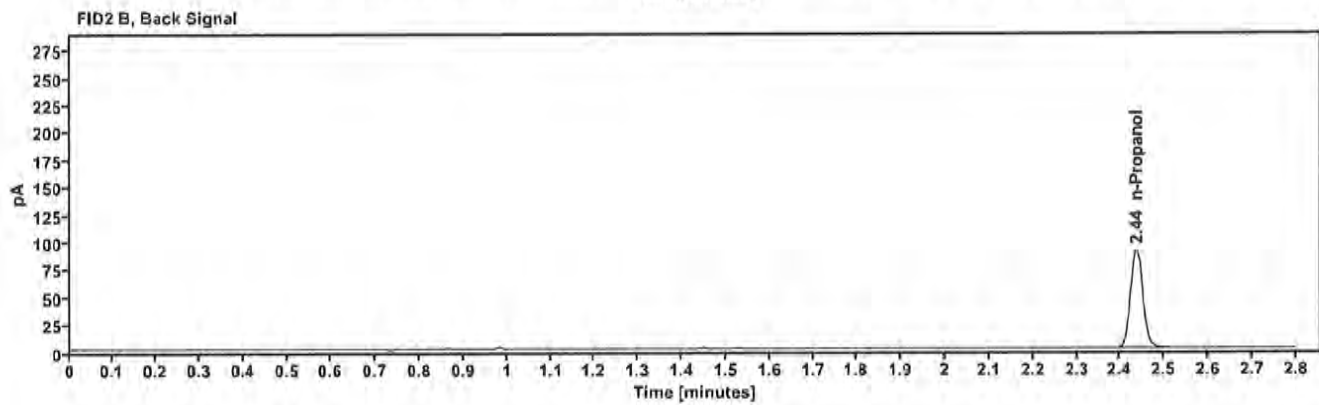
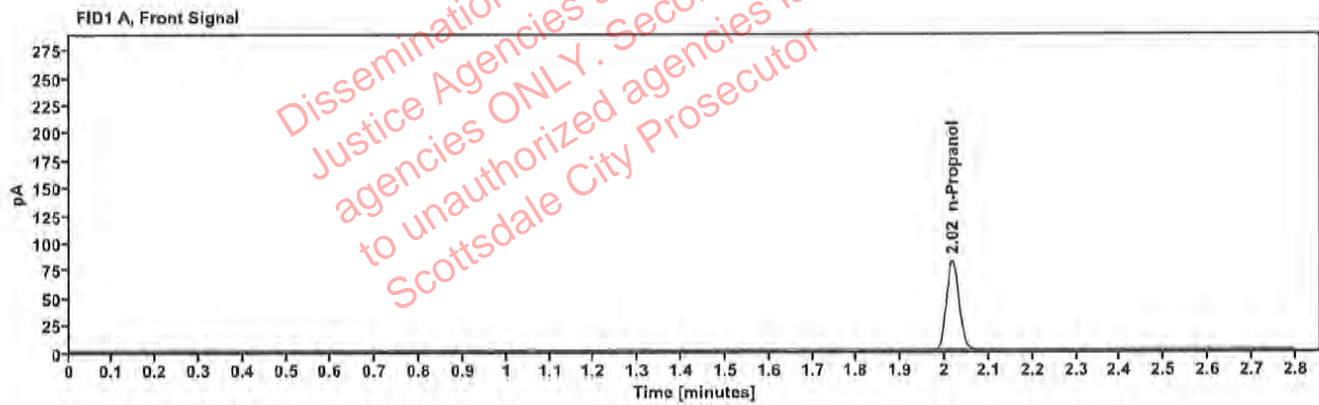


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.017	163.164

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	178.168

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2313870-1	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:19:23 PM
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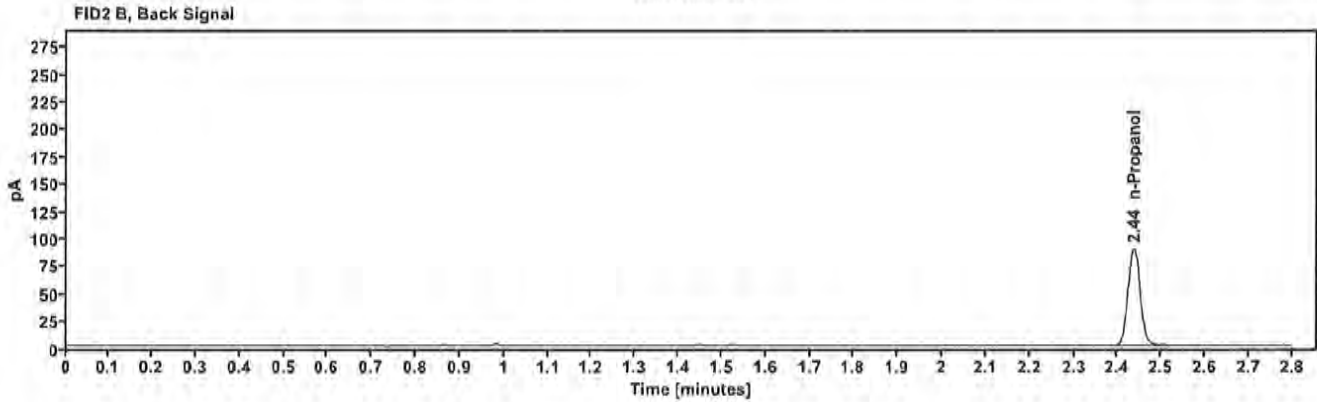
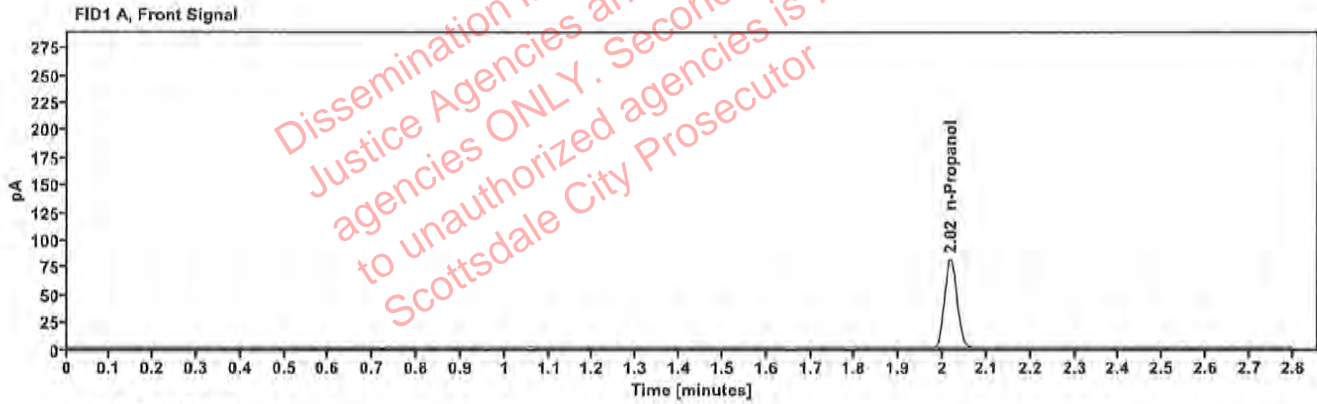


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.017	161.855

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	176.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315661-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:23:39 PM
Data file:	C:\Chem32\1\Data\29Aug23\25.D	Analyst:	Canonico

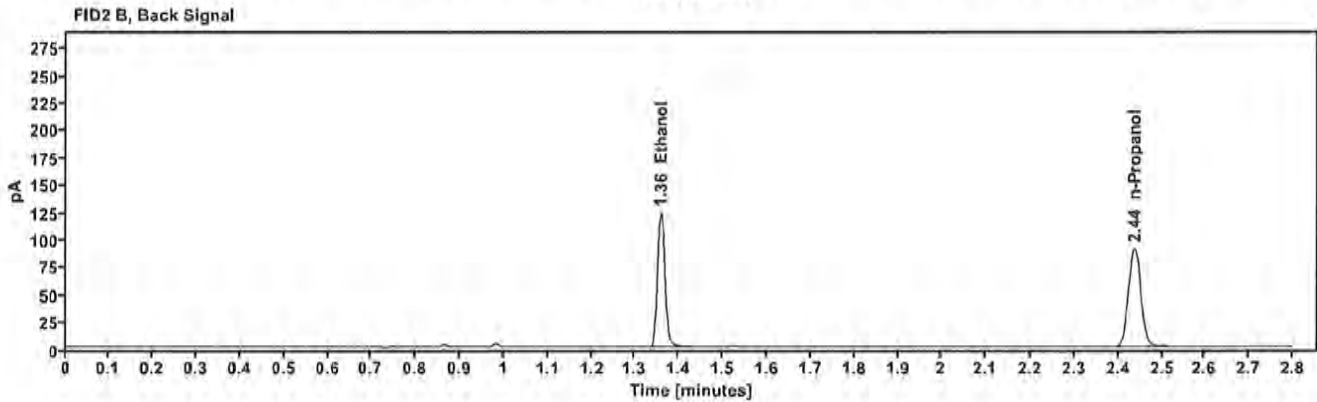
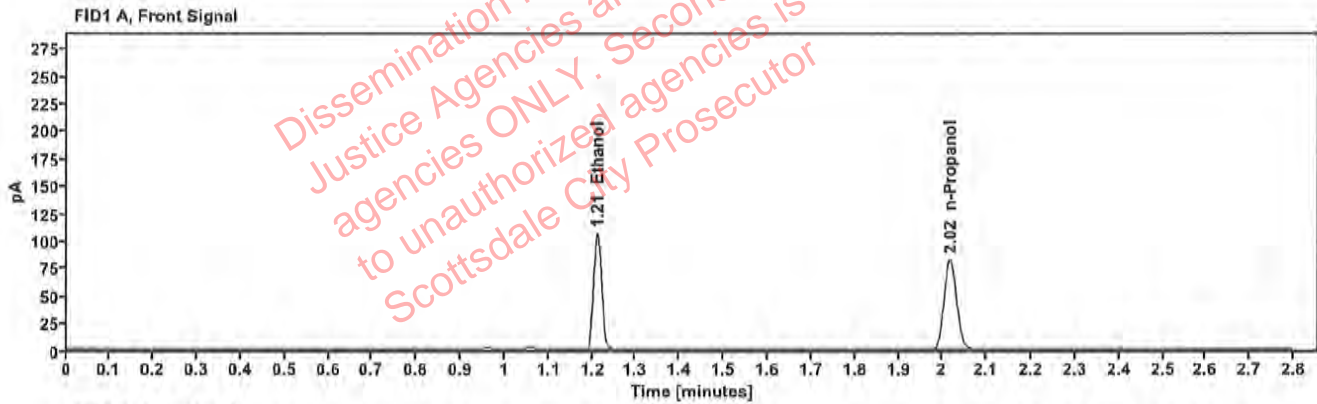


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2150	1.211	135.931
n-Propanol	---	2.017	164.015

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

Compound	Time (min)	Peak Area
Ethanol	1.359	148.893
n-Propanol	2.437	178.853

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315661-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:27:39 PM
Data file:	C:\Chem32\1\Data\29Aug23\26.D	Analyst:	Canonico

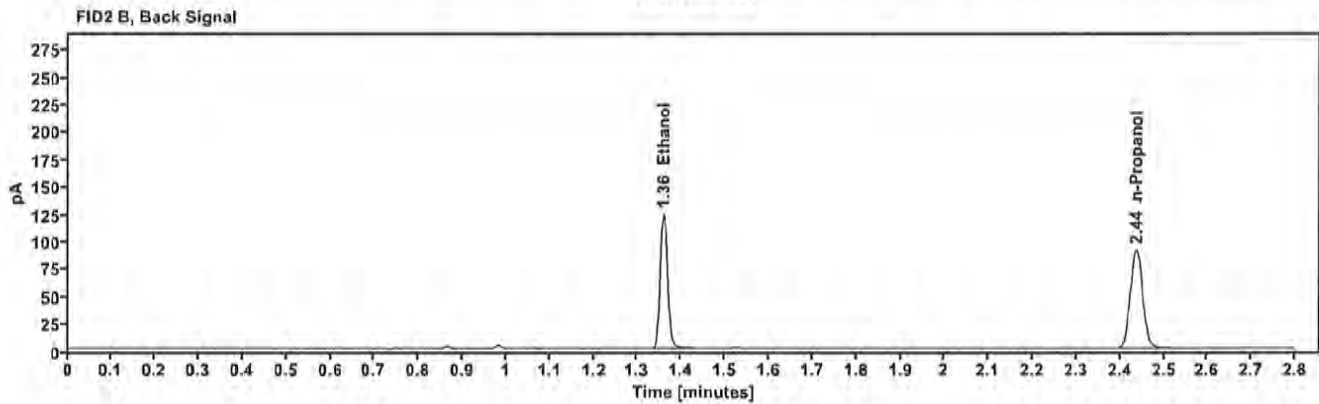
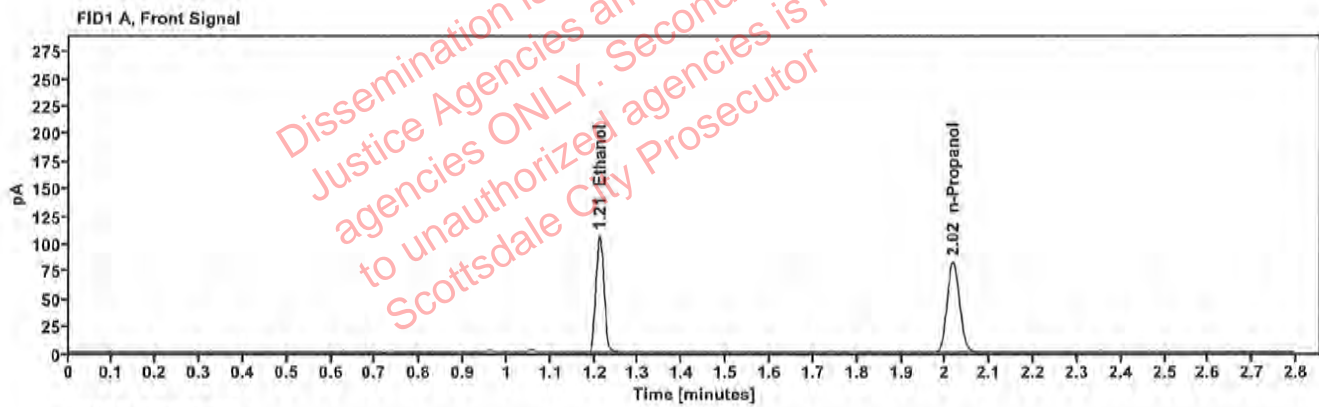


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2147	1.211	135.981
n-Propanol	---	2.017	164.267

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

Compound	Time (min)	Peak Area
Ethanol	1.359	149.007
n-Propanol	2.437	179.125

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317220-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:31:39 PM
Data file:	C:\Chem32\1\Data\29Aug23\27.D	Analyst:	Canonico

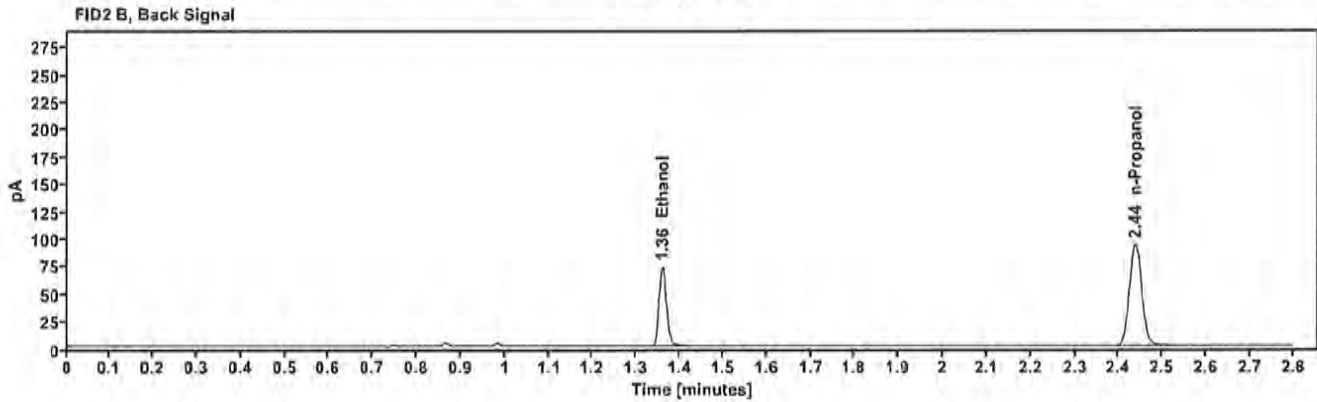
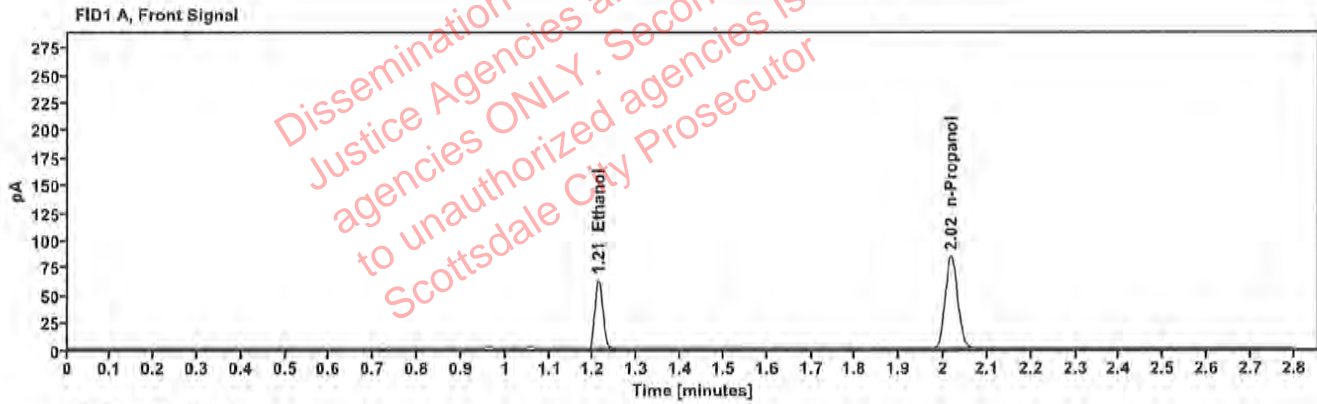


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1238	1.212	80.098
n-Propanol	-----	2.017	168.235

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

Compound	Time (min)	Peak Area
Ethanol	1.359	87.705
n-Propanol	2.437	183.222

[REDACTED]: Canonico, Erika - (30-Aug-2023)

Case: [REDACTED] User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317220-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:35:39 PM
Data file:	C:\Chem32\1\Data\29Aug23\28.D	Analyst:	Canonico

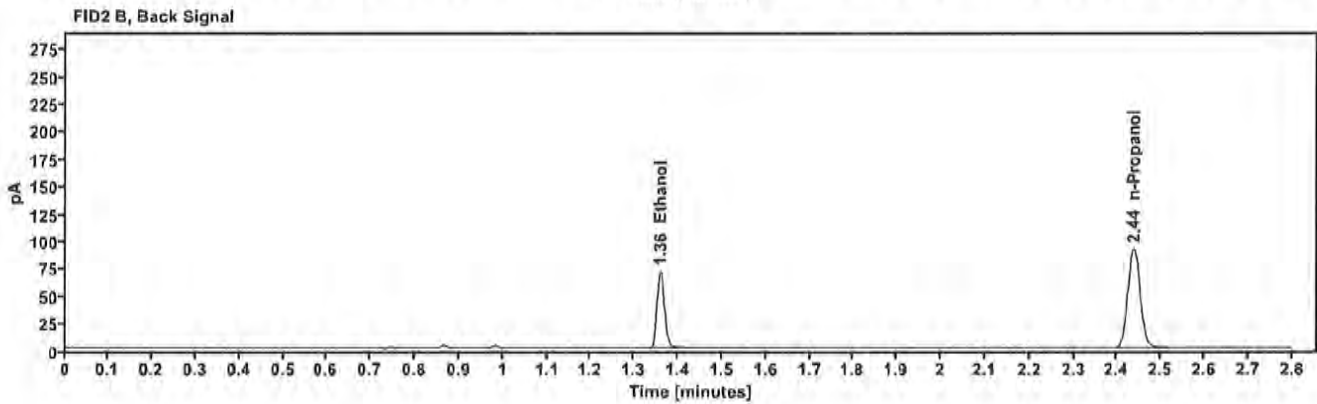
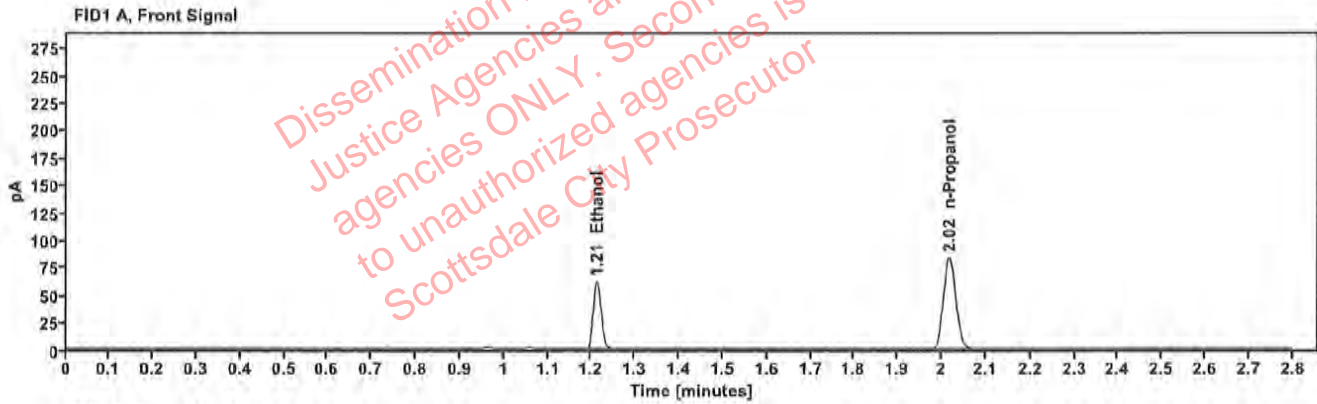


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1224	1.212	78.080
n-Propanol	---	2.018	165.848

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

Compound	Time (min)	Peak Area
Ethanol	1.360	85.450
n-Propanol	2.438	180.614

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317494-4	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:39:39 PM
Data file:	C:\Chem32\11\Data\29Aug23\29.D	Analyst:	Canonico

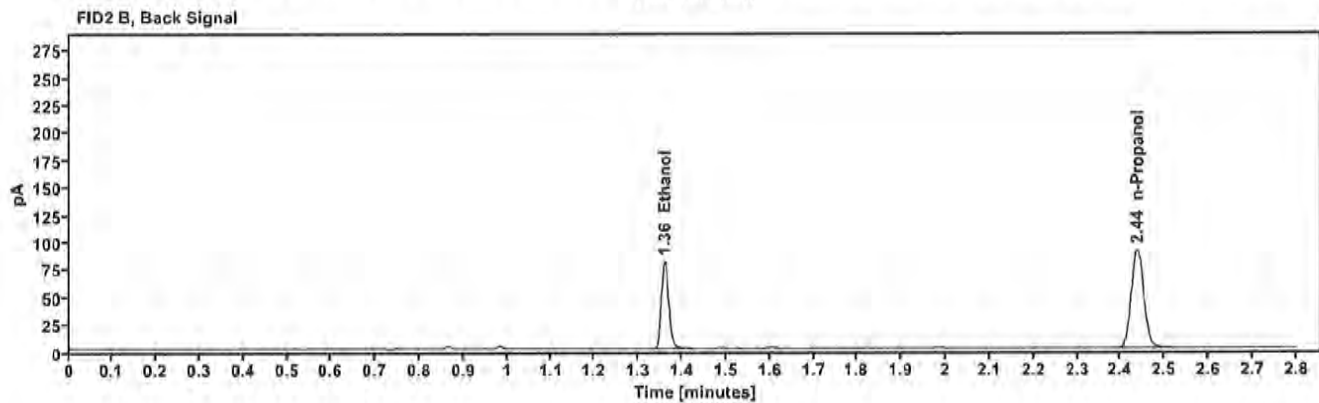
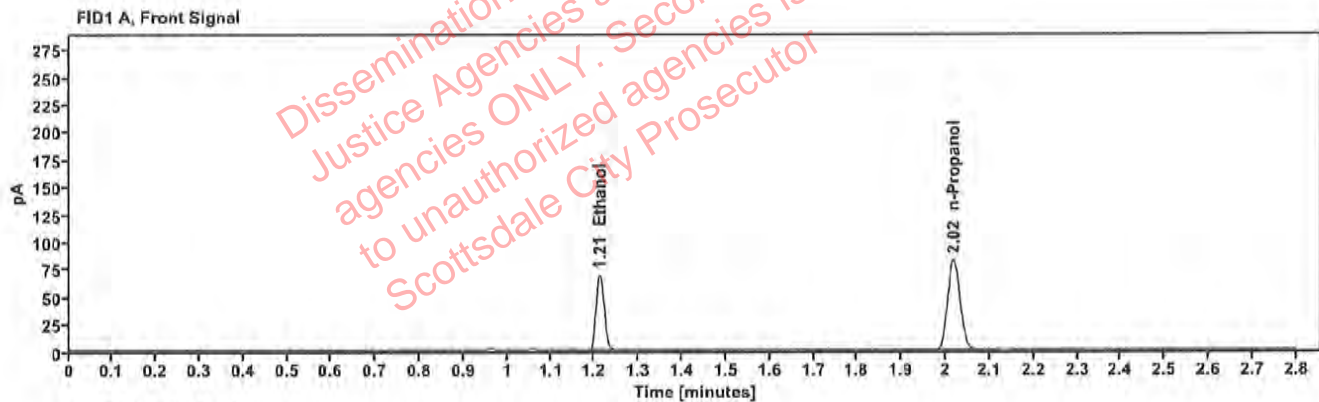


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1400	1.212	88.577
n-Propanol	---	2.018	164.460

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

Compound	Time (min)	Peak Area
Ethanol	1.359	97.137
n-Propanol	2.437	179.029

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317494-4	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:43:39 PM
Data file:	C:\Chem32\1\Data\29Aug23\30.D	Analyst:	Canonico

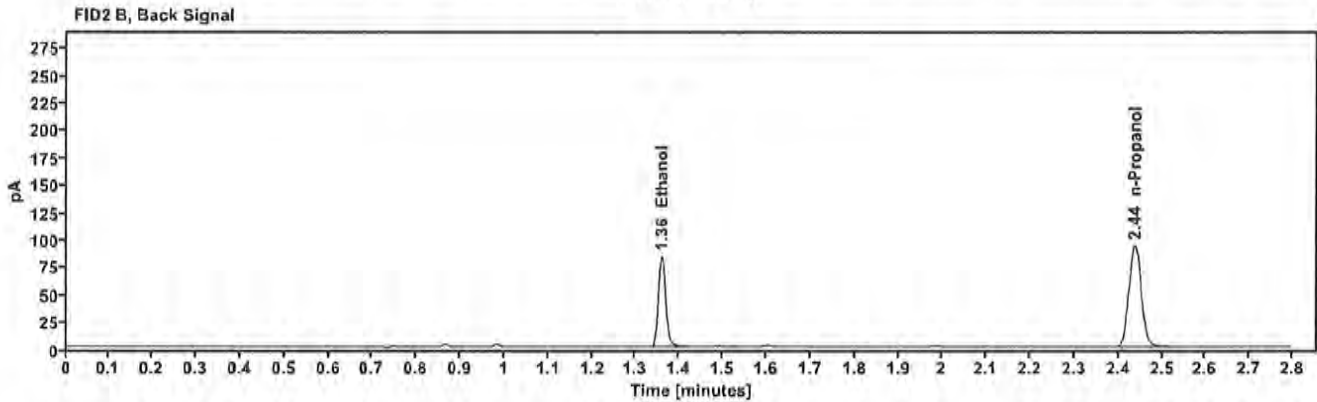
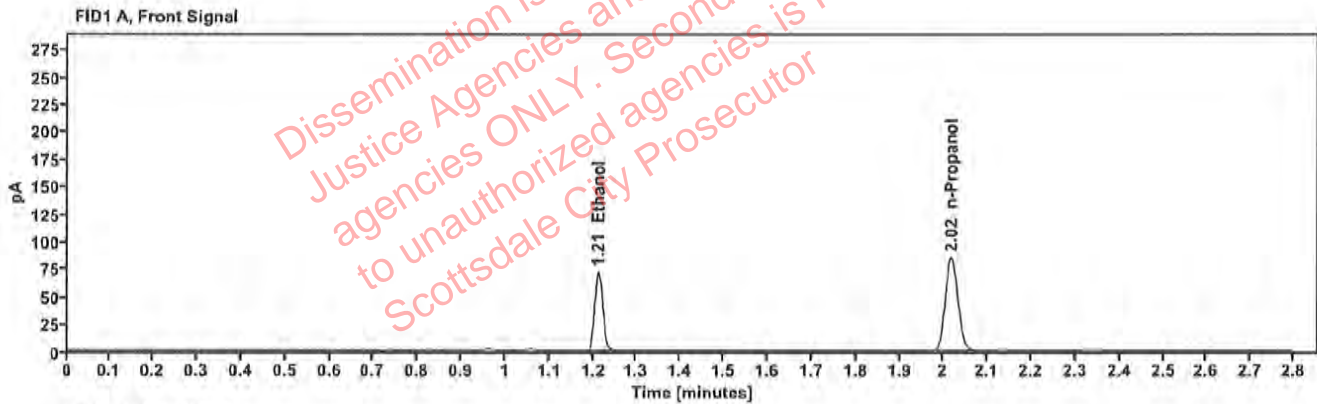


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1409	1.212	91.773
n-Propanol	---	2.017	169.267

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

Compound	Time (min)	Peak Area
Ethanol	1.359	100.700
n-Propanol	2.437	184.385

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315180-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:51:55 PM
Data file:	C:\Chem32\1\Data\29Aug23\32.D	Analyst:	Canonico

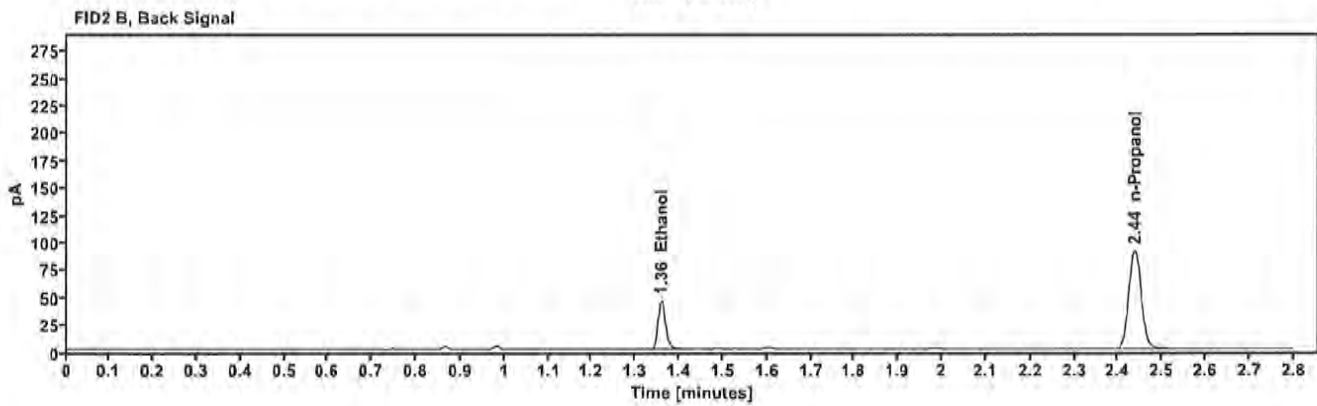
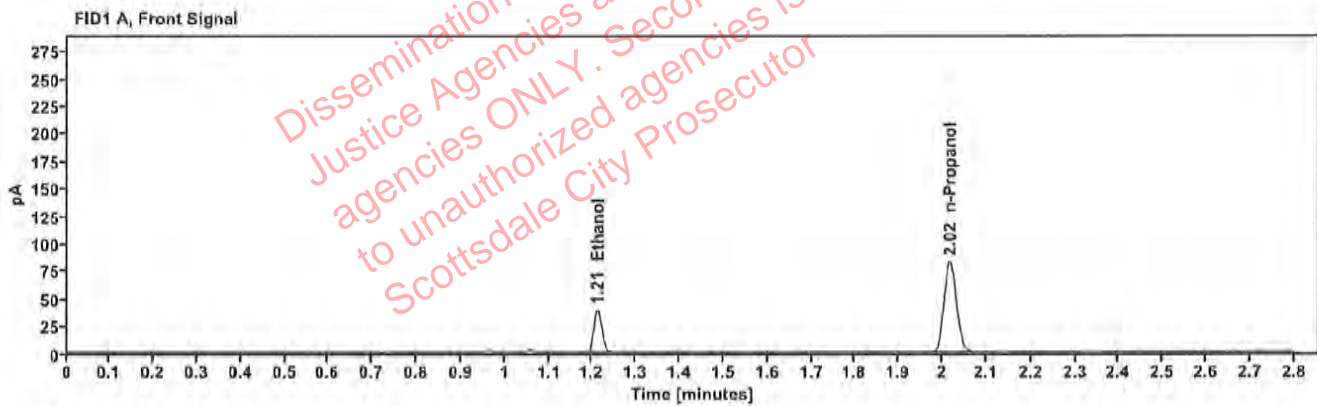


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0786	1.212	49.746
n-Propanol	-----	2.017	165.136

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

Compound	Time (min)	Peak Area
Ethanol	1.360	54.640
n-Propanol	2.437	179.734

Case: [REDACTED]: Canonico, Erika - (30-Aug-2023)

User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315180-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:55:53 PM
Data file:	C:\Chem32\1\Data\29Aug23\33.D	Analyst:	Canonico

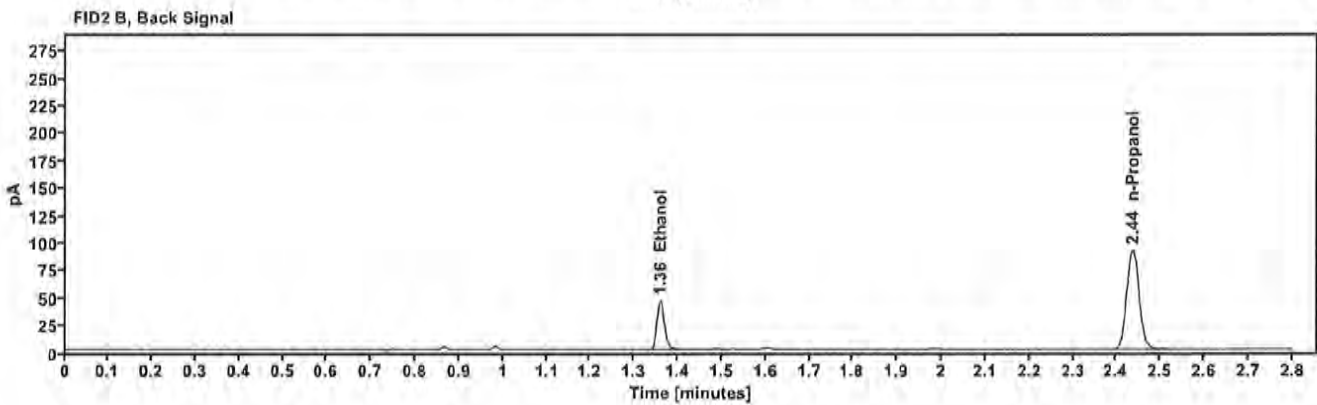
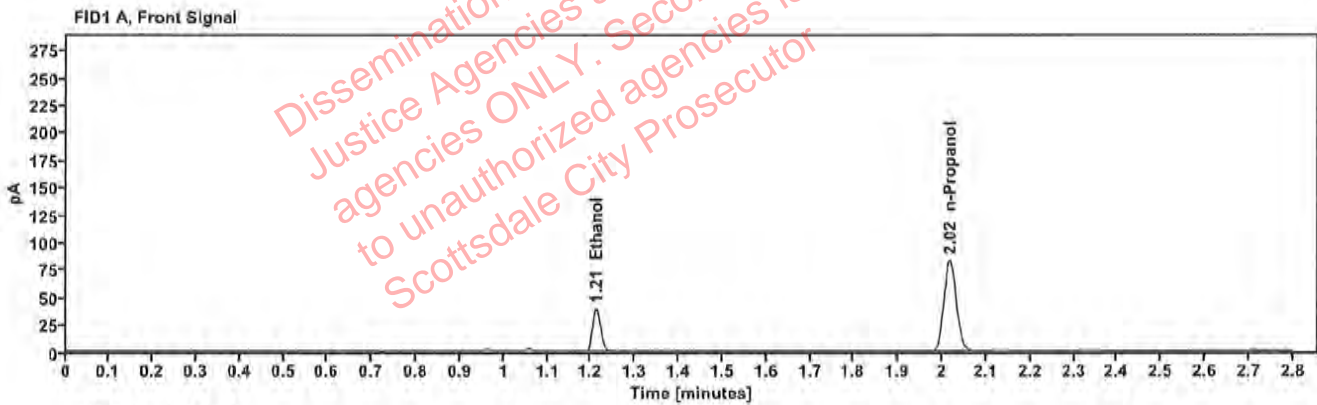


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0784	1.212	49.833
n-Propanol	---	2.017	165.792

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

Compound	Time (min)	Peak Area
Ethanol	1.359	54.890
n-Propanol	2.437	180.492

[REDACTED] : Canonico, Erika - (30-Aug-2023)

Case: [REDACTED] User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316801-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 4:59:53 PM
Data file:	C:\Chem32\1\Data\29Aug23\34.D	Analyst:	Canonico

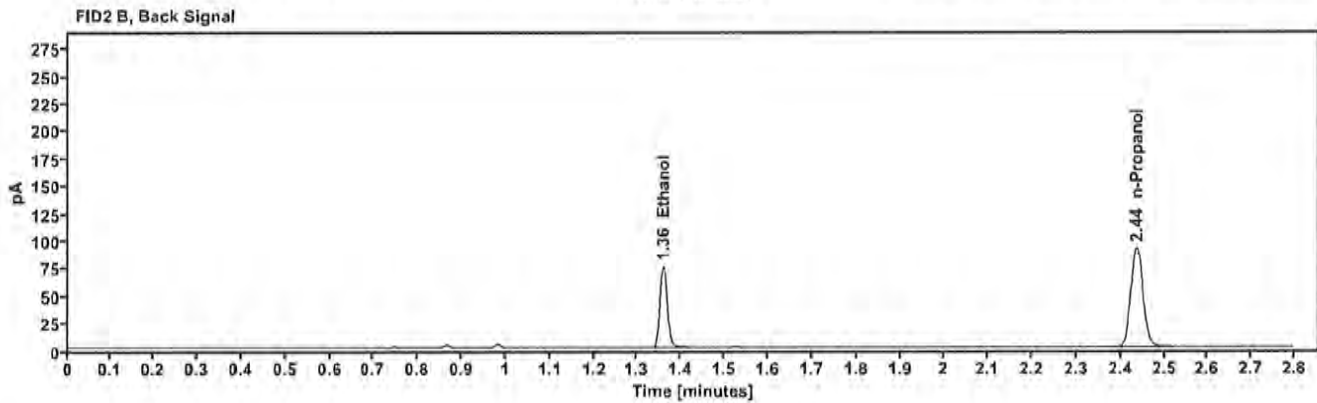
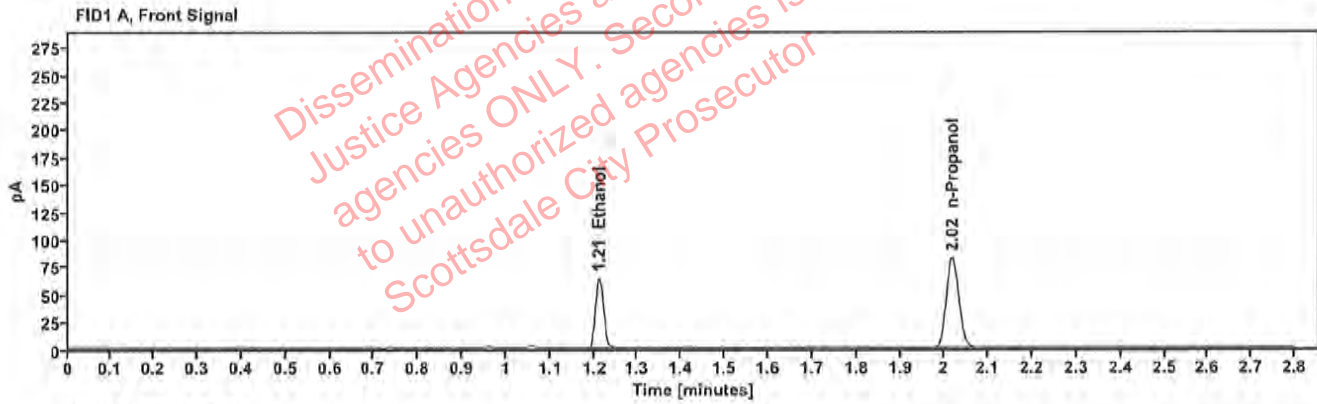


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1298	1.212	82.388
n-Propanol	—	2.017	165.031

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

Compound	Time (min)	Peak Area
Ethanol	1.359	90.410
n-Propanol	2.437	179.987

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316801-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 5:03:54 PM
Data file:	C:\Chem32\1\Data\29Aug23\35.D	Analyst:	Canonico

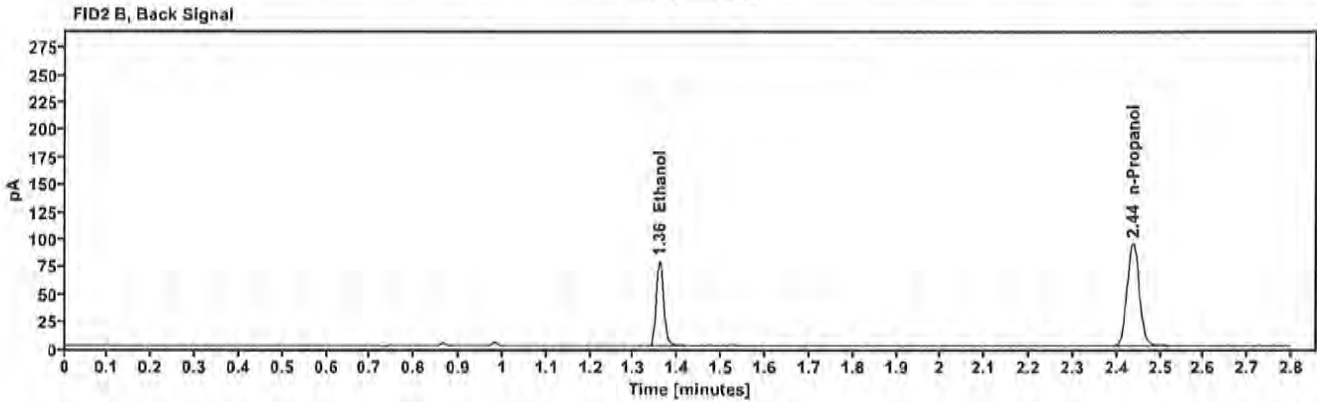
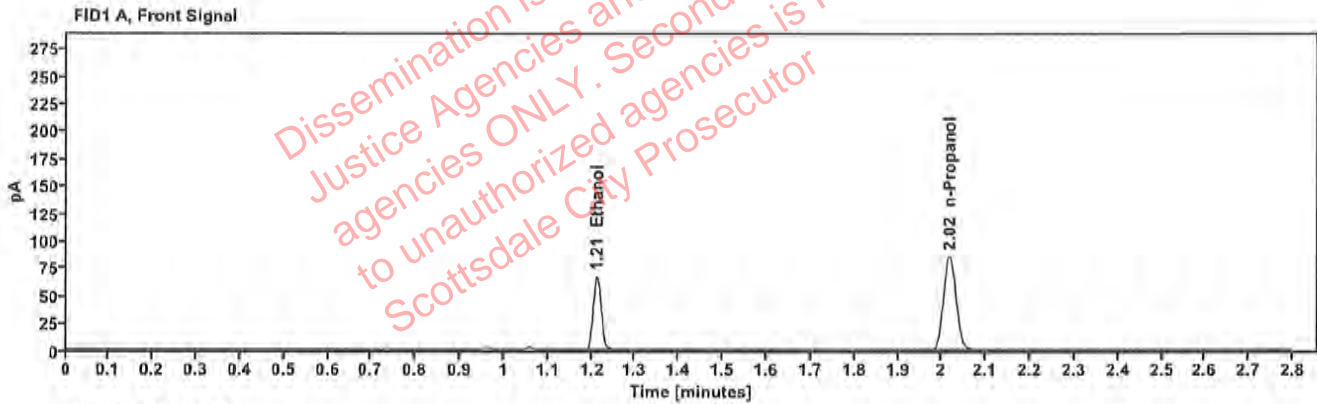


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1307	1.212	85.911
n-Propanol	-----	2.017	170.943

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

Compound	Time (min)	Peak Area
Ethanol	1.359	94.136
n-Propanol	2.437	186.485

[REDACTED]: Canonico, Erika - (30-Aug-2023)

Case: [REDACTED] User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317793-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 5:07:54 PM
Data file:	C:\Chem32\1\Data\29Aug23\36.D	Analyst:	Canonico

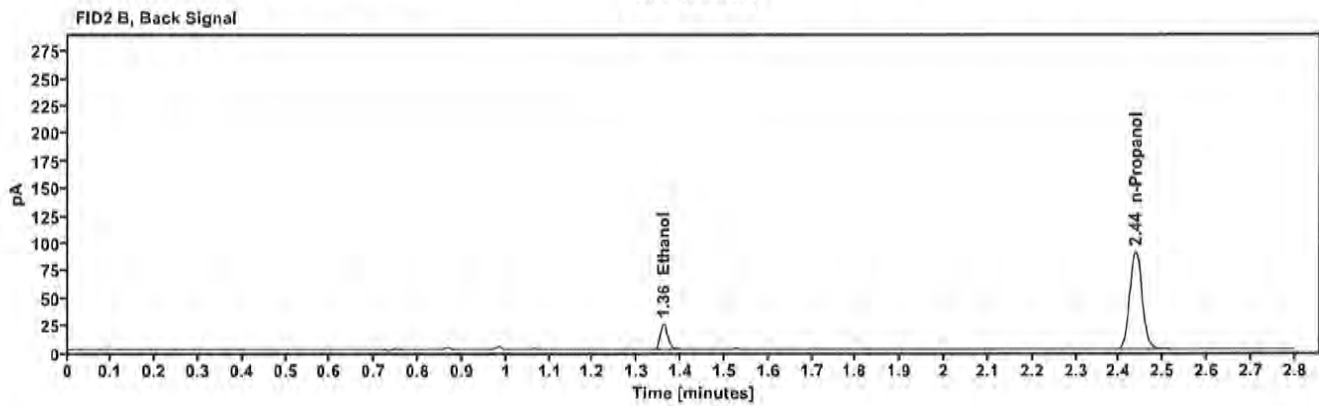
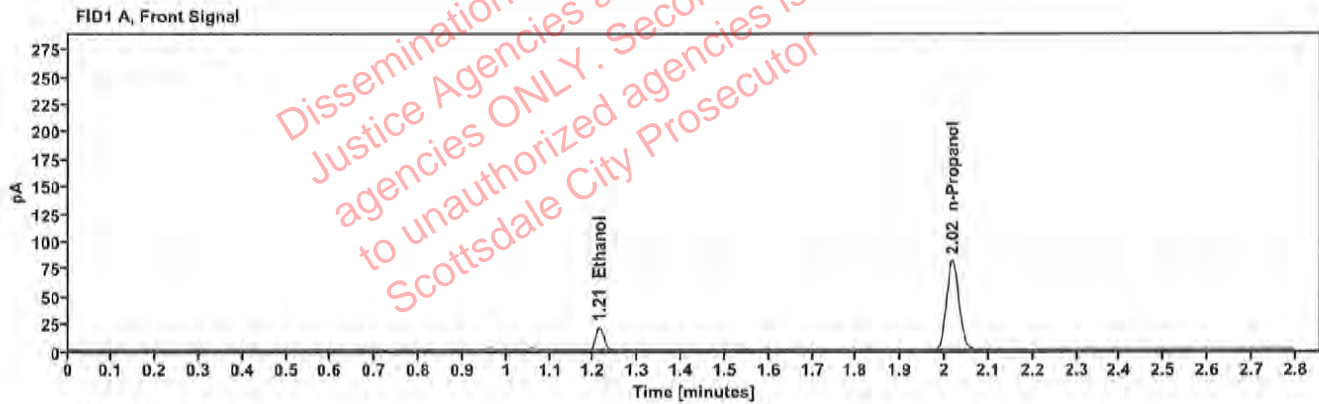


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0430	1.213	26.585
n-Propanol	—	2.017	162.535

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

Compound	Time (min)	Peak Area
Ethanol	1.360	29.377
n-Propanol	2.437	177.663

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317793-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 5:12:08 PM
Data file:	C:\Chem32\1\Data\29Aug23\37.D	Analyst:	Canonico

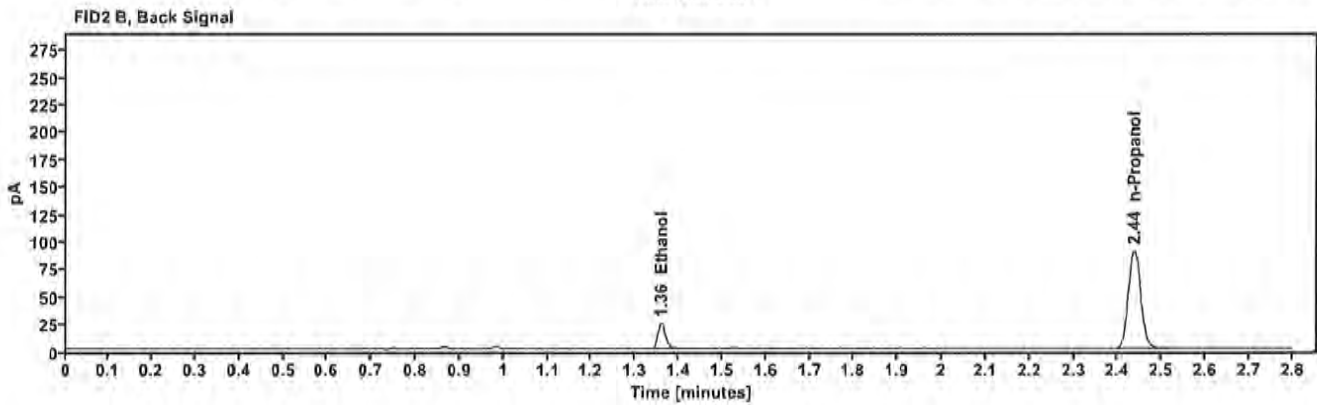
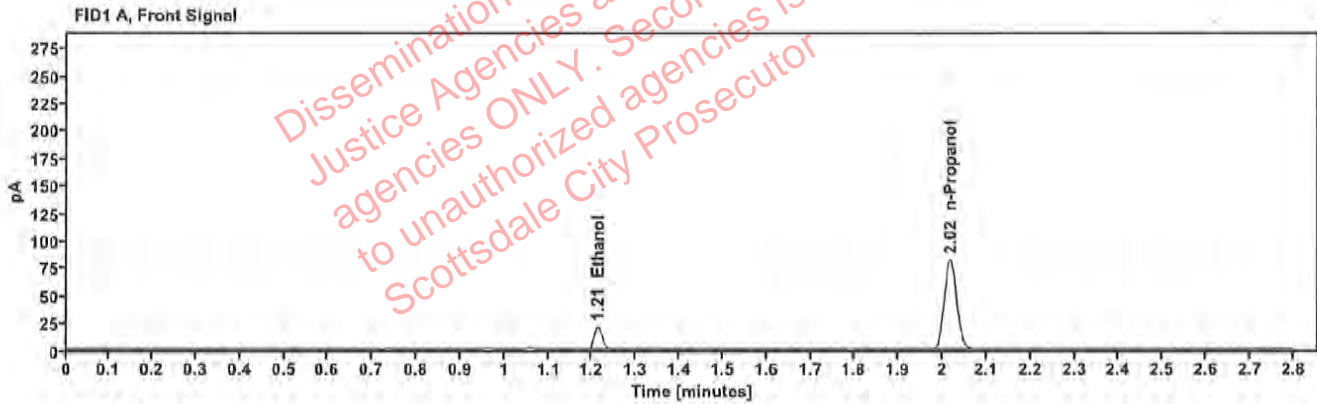


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0429	1.213	26.676
n-Propanol	---	2.017	163.640

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

Compound	Time (min)	Peak Area
Ethanol	1.360	29.545
n-Propanol	2.437	178.630

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317806-3	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 5:16:09 PM
Data file:	C:\Chem32\1\Data\29Aug23\38.D	Analyst:	Canonico

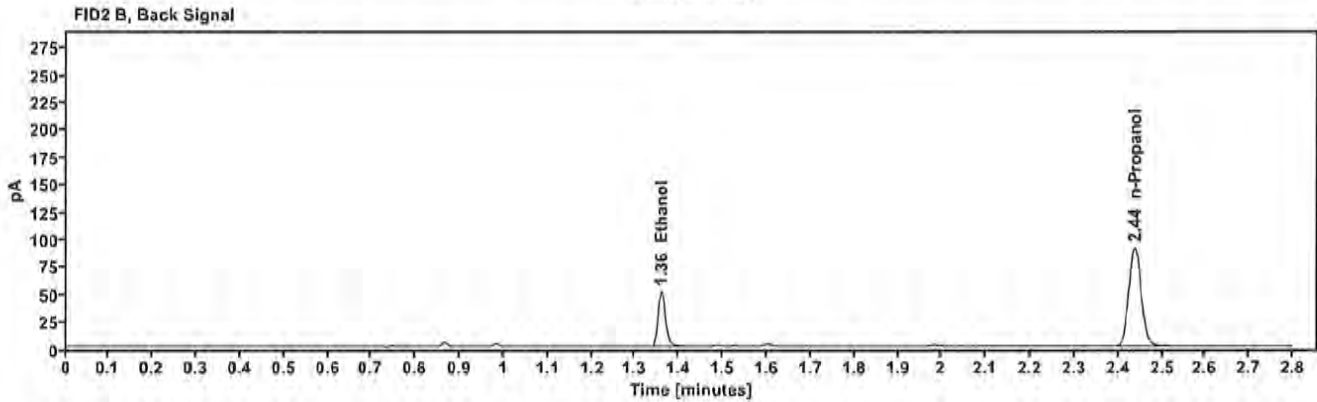
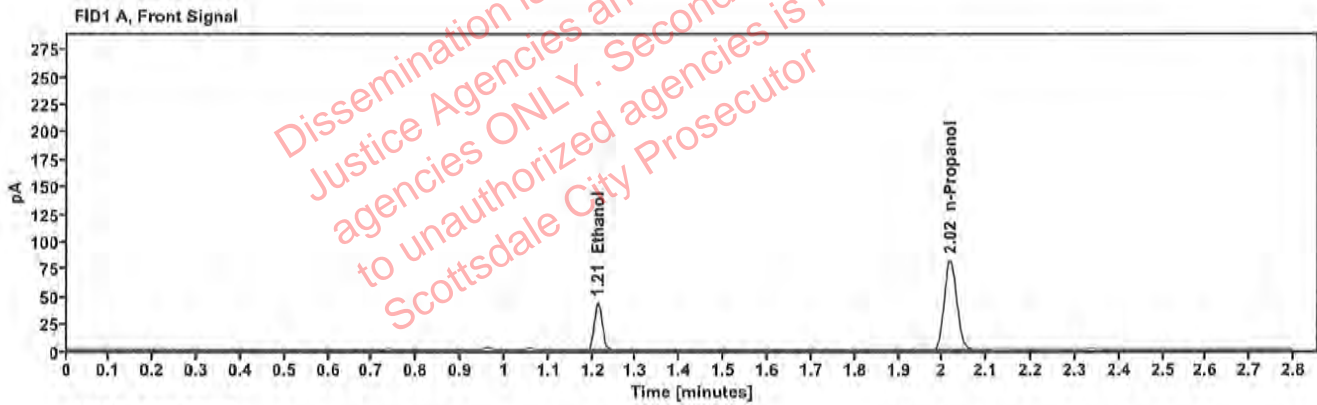


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0883	1.212	55.796
n-Propanol	—	2.018	164.685

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

Compound	Time (min)	Peak Area
Ethanol	1.360	61.345
n-Propanol	2.438	179.244

Case: [REDACTED]: Canonico, Erika - (30-Aug-2023)

User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317806-3	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 5:20:09 PM
Data file:	C:\Chem32\1\Data\29Aug23\39.D	Analyst:	Canonico

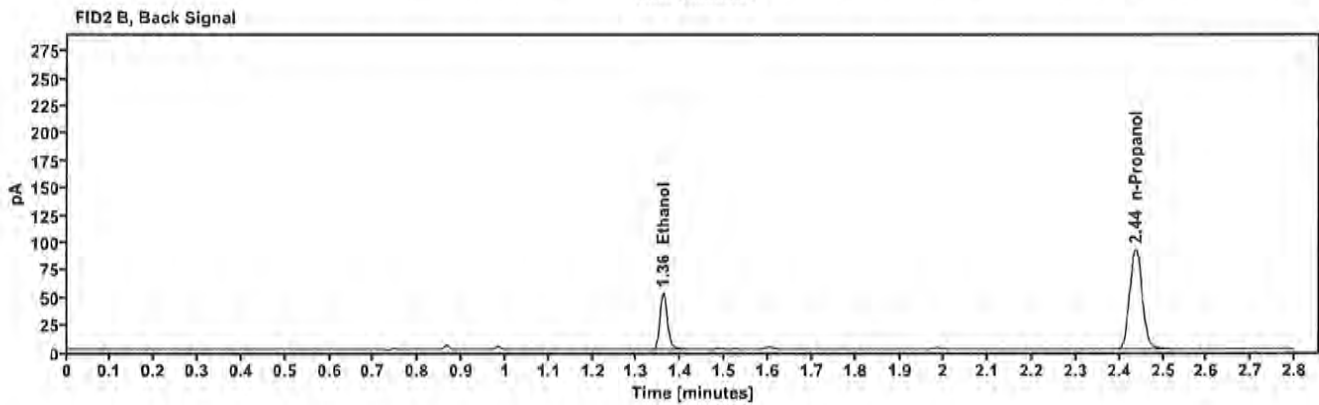
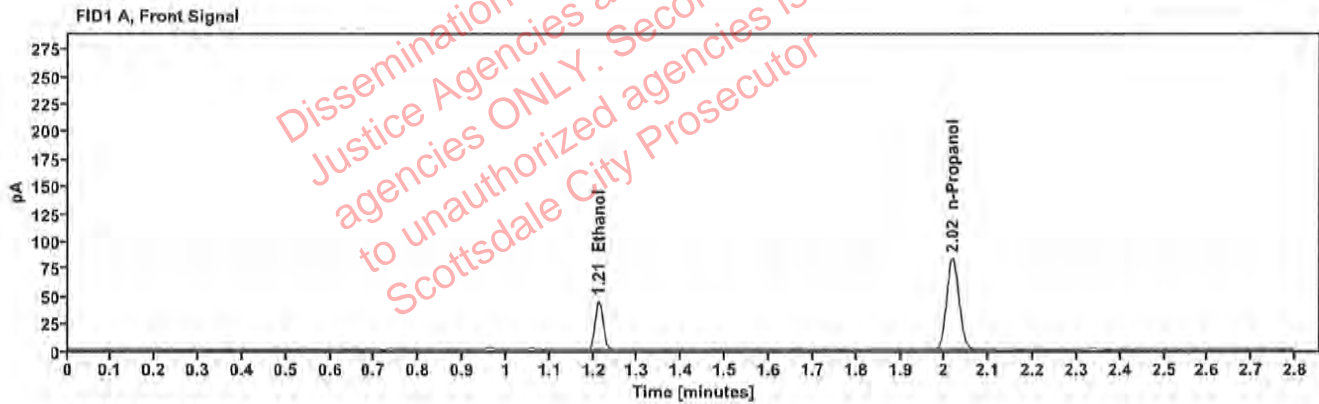


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0892	1.212	57.040
n-Propanol	---	2.018	166.621

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

Compound	Time (min)	Peak Area
Ethanol	1.360	62.775
n-Propanol	2.437	181.314

[REDACTED]: Canonico, Erika - (30-Aug-2023)

Case: [REDACTED] User: ecanonico 8/30/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317246-3	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 5:24:09 PM
Data file:	C:\Chem32\1\Data\29Aug23\40.D	Analyst:	Canonico

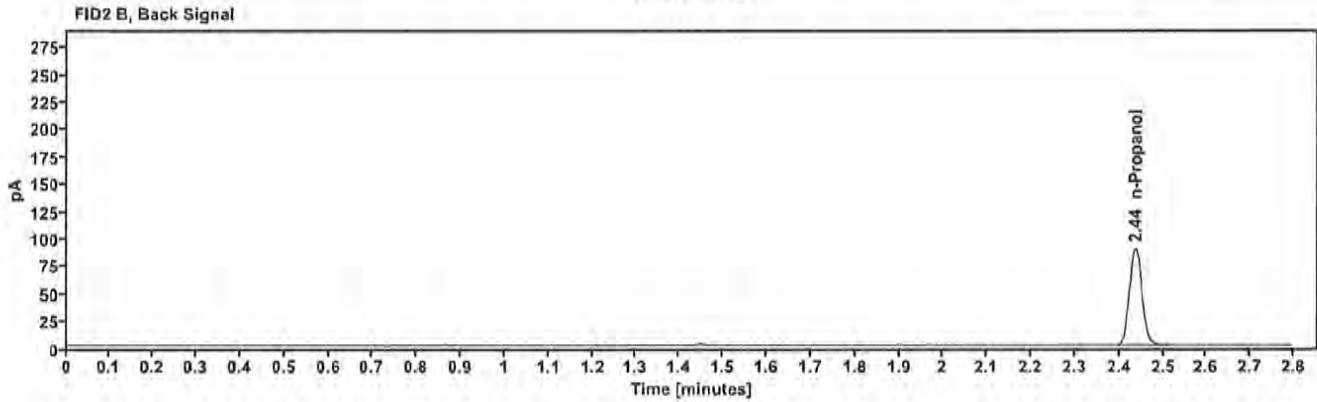
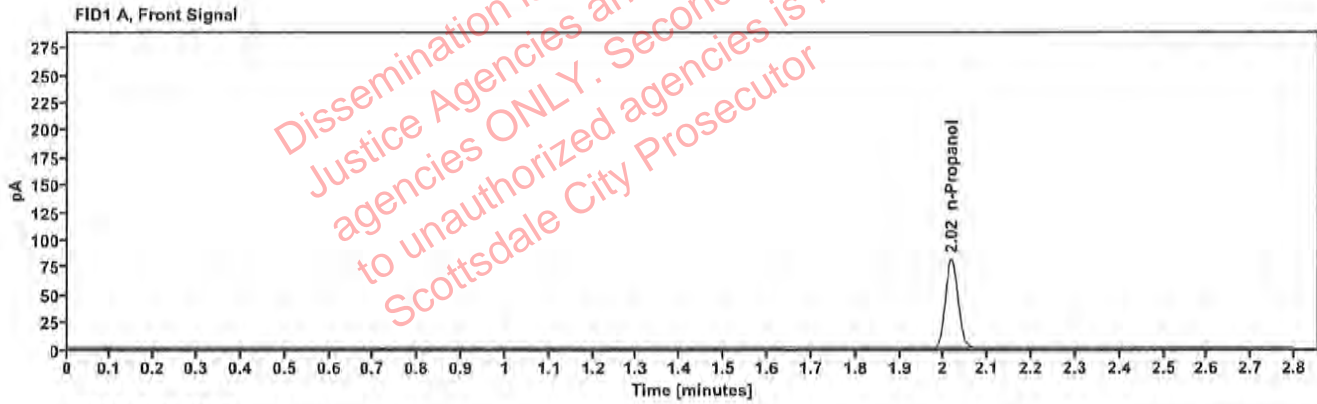


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.017	161.772

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	176.975

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2317246-3	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/29/2023 5:28:09 PM
Data file:	C:\Chem32\1\Data\29Aug23\41.D	Analyst:	Canonico

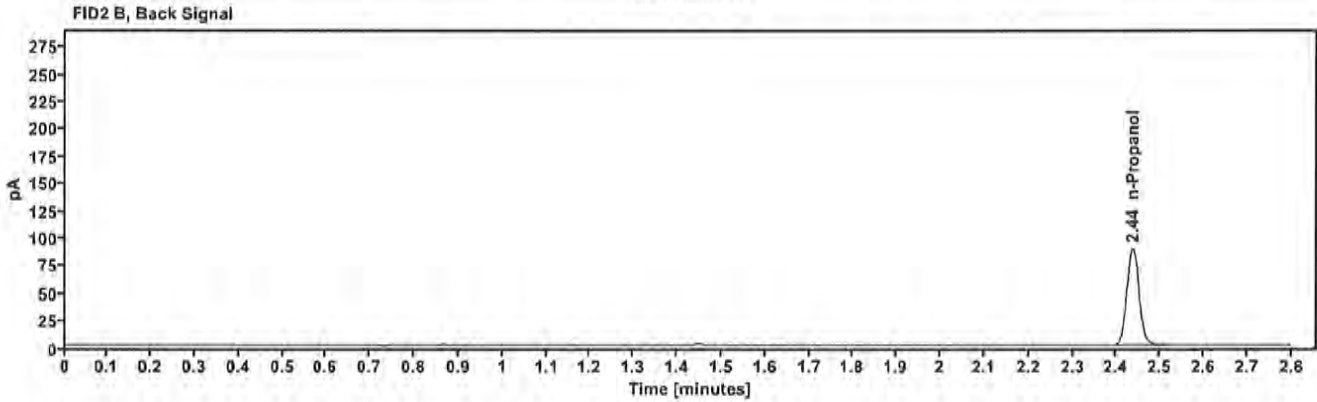
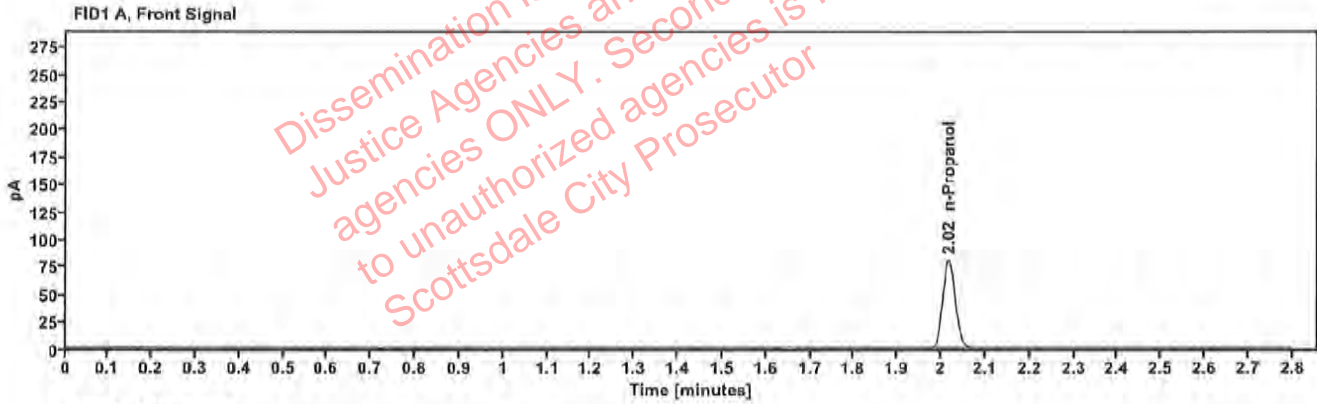


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.017	159.999

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	175.018