

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/14/2023 SEQUENCE NAME 14Mar23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99999
 Vial 3 0.20 calibrator Lot FN02052101
 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 122022AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 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	0.205 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	0.082 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.414 g/dL	Lipomed 30012020-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.206 g/dL	ACQ 4110320133/10
45	Blank	Not detected	Not detected	SPD lab 011823WB

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 _____ Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 14Mar23

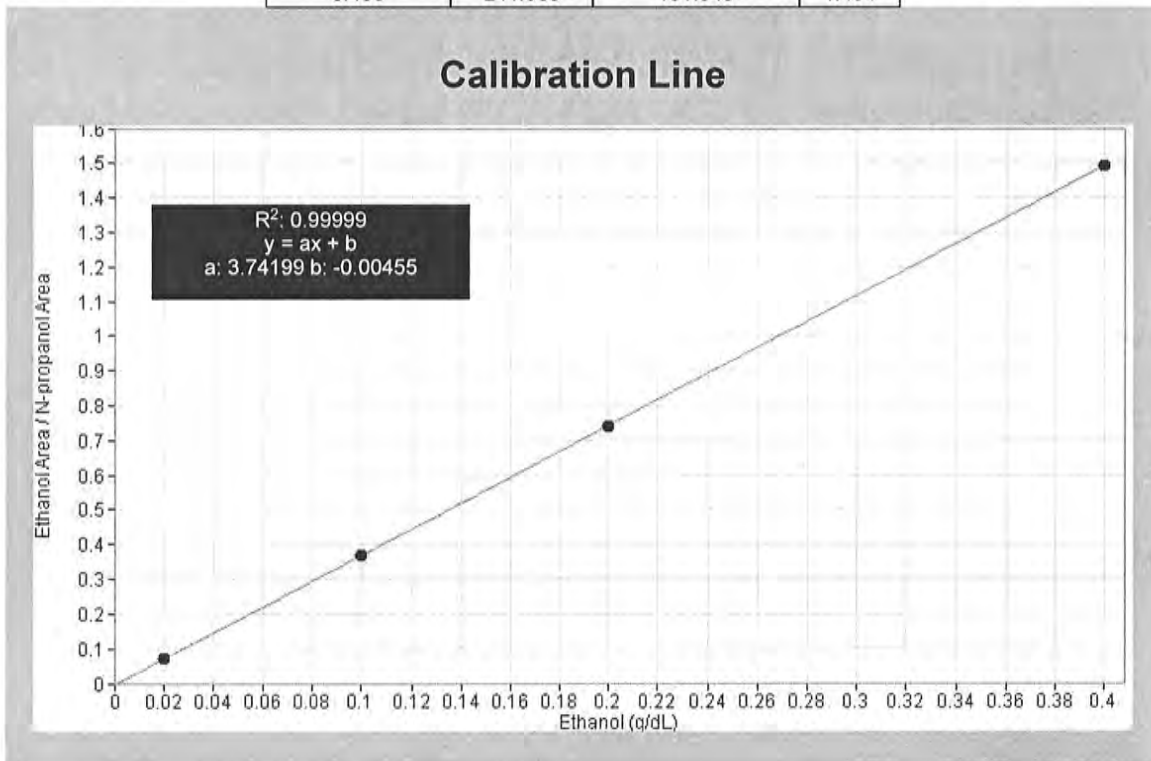
ANALYST: Canonico

ee

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 122022AQ	5	negative	negative	-	-
0.400 30012020-A	7	0.401	0.400	0.25	0.001
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/10	9	0.205	0.199	3.02	0.006
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.082	0.080	2.50	0.002
0.400 30012020-A	42	0.414	0.400	3.50	0.014
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/10	44	0.206	0.199	3.52	0.007
blank 011823WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.693	161.555	0.072
0.100	61.158	165.820	0.369
0.200	123.068	166.057	0.741
0.400	241.900	161.945	1.494

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051909	Vial:	1
Description:	0.020 calibrator	Sequence:	14Mar23
Method:	ethanol quant.M	Injection date:	3/14/2023 11:01:13 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ec</i>
Data file:	C:\Chem32\1\Data\14Mar23\1.D		

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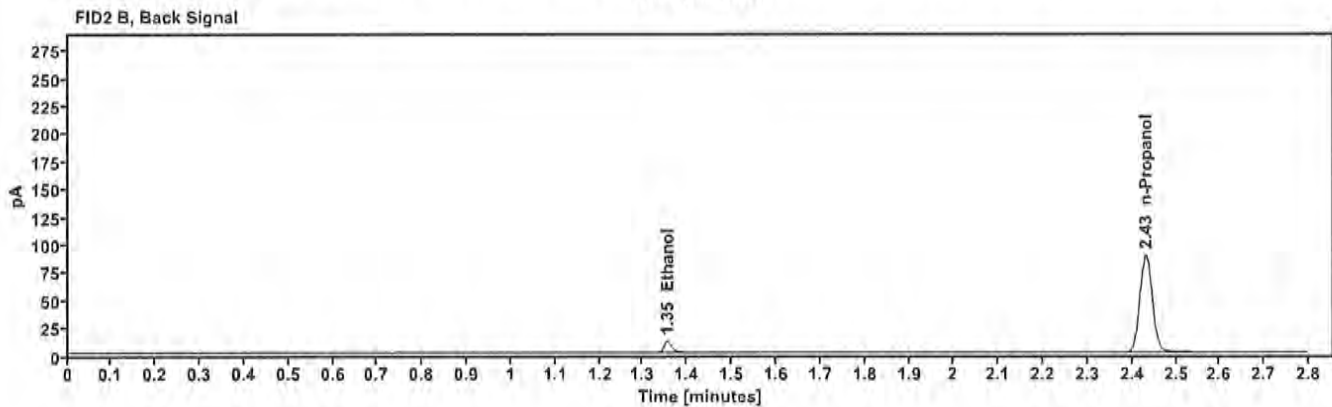
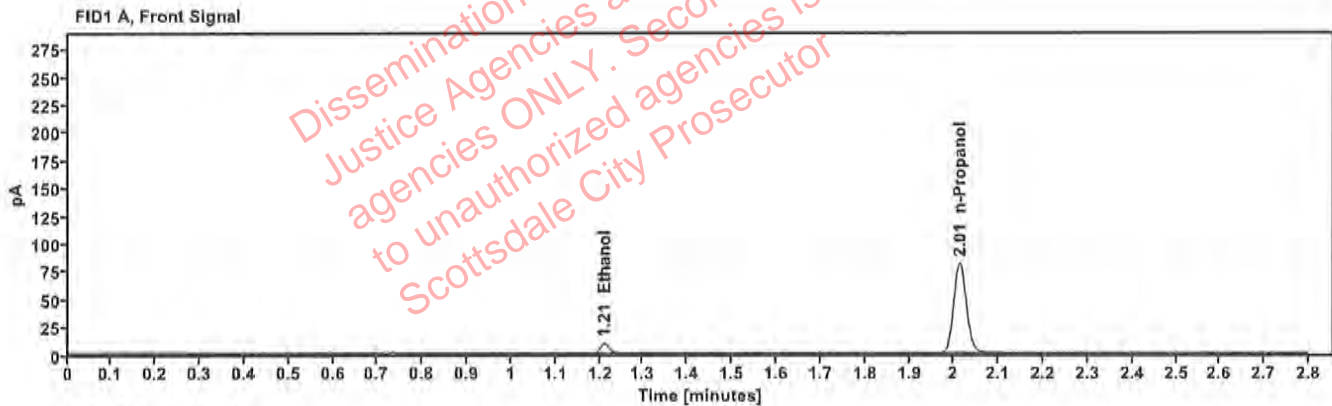


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.693
n-Propanol	2.013	161.555

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

Compound	Time (min)	Peak Area
Ethanol	1.355	12.707
n-Propanol	2.431	175.042

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	14Mar23
Method:	ethanol quant.M	Injection date:	3/14/2023 11:05:13 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EC
Data file:	C:\Chem32\1\Data\14Mar23\2.D		

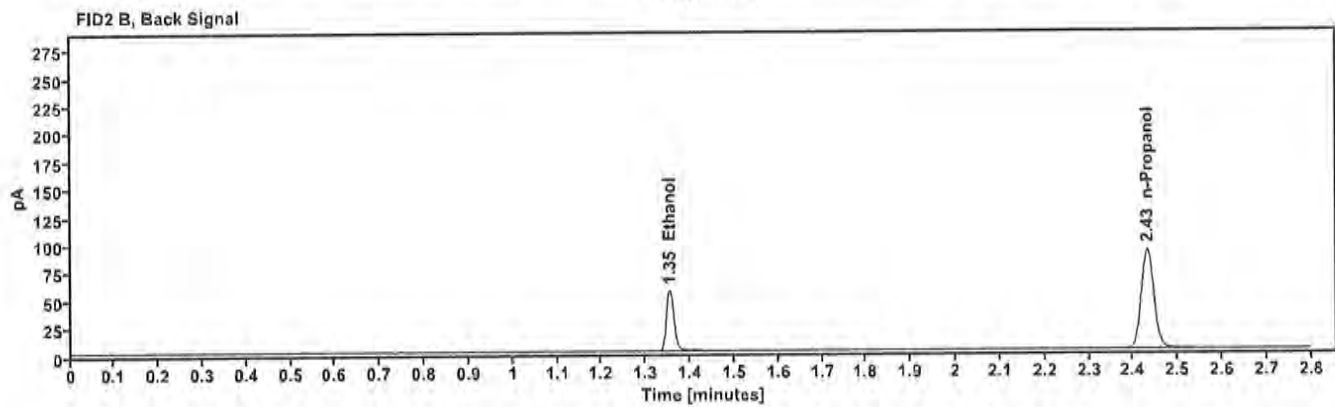
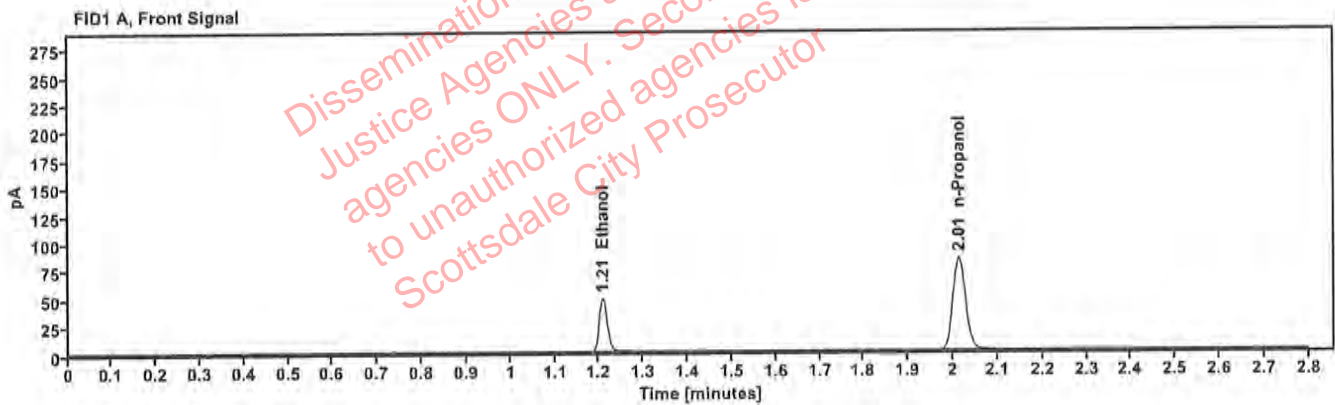


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	61.158
n-Propanol	2.013	165.820

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

Compound	Time (min)	Peak Area
Ethanol	1.354	66.432
n-Propanol	2.431	179.523

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02052101	Vial: 3
Description: 0.200 calibrator	Sequence: 14Mar23
Method: ethanol quant.M	Injection date: 3/14/2023 11:09:12 AM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ec</i>
Data file: C:\Chem32\1\Data\14Mar23\3.D	

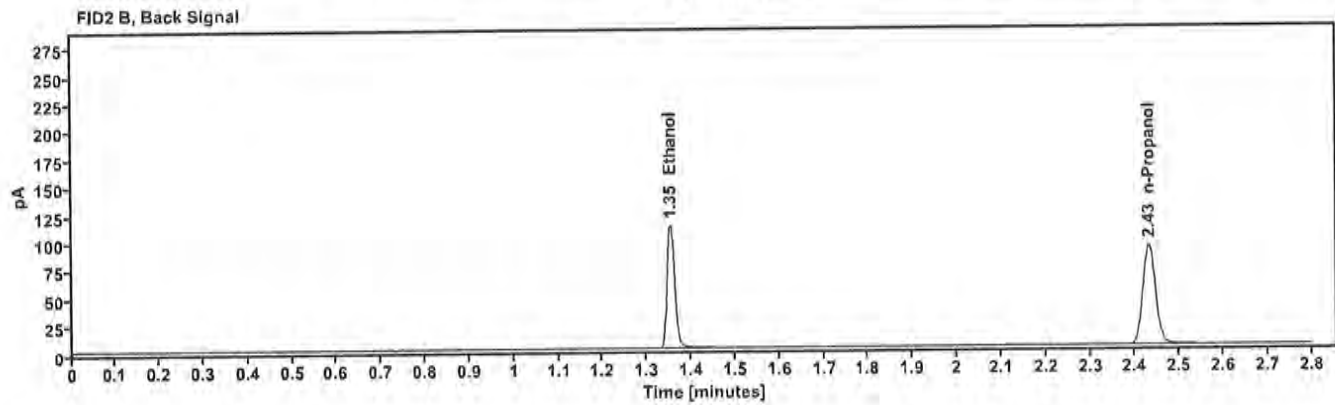
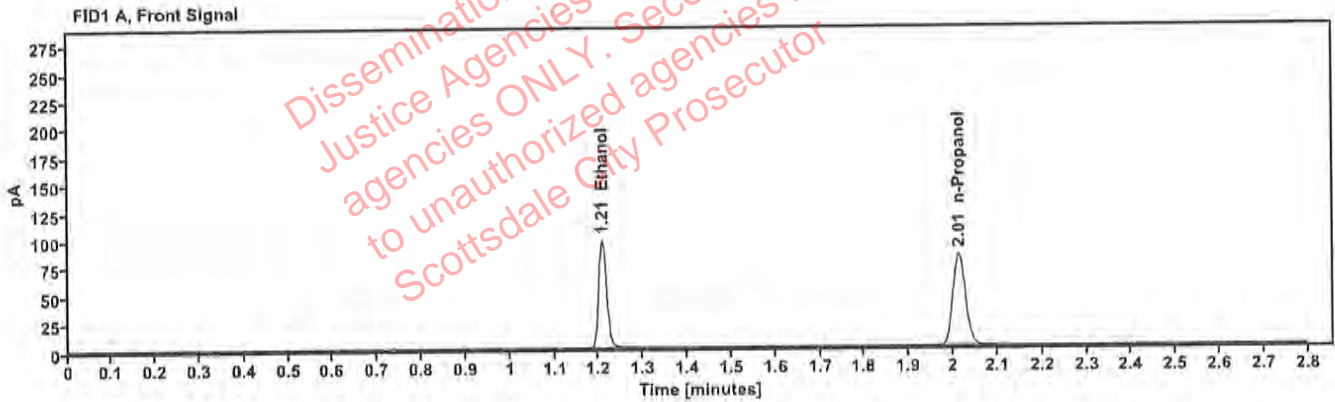


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	123.068
n-Propanol	2.013	166.057

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

Compound	Time (min)	Peak Area
Ethanol	1.353	134.106
n-Propanol	2.432	179.660

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 14Mar23
Method: ethanol quant.M	Injection date: 3/14/2023 11:13:12 AM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ec</i>
Data file: C:\Chem32\1\Data\14Mar23\4.D	

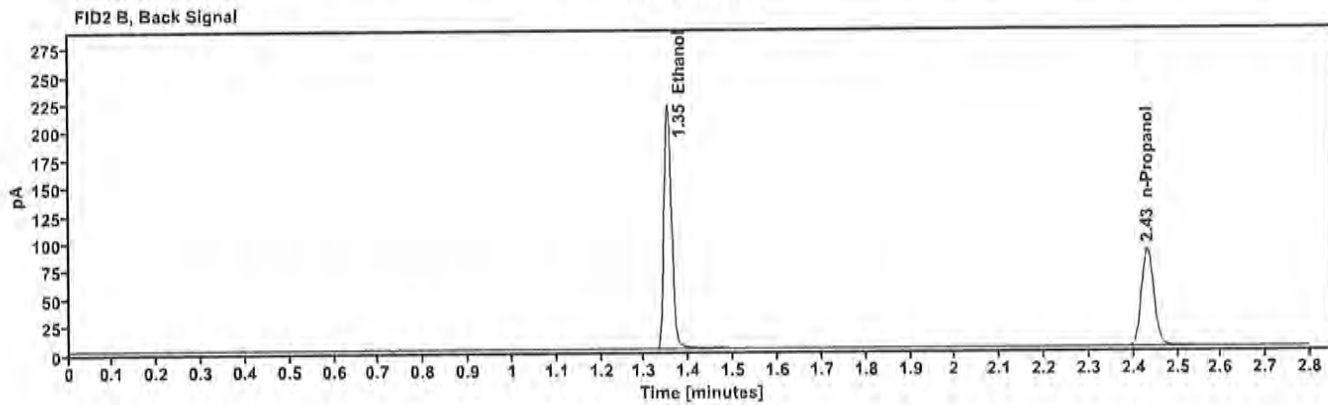
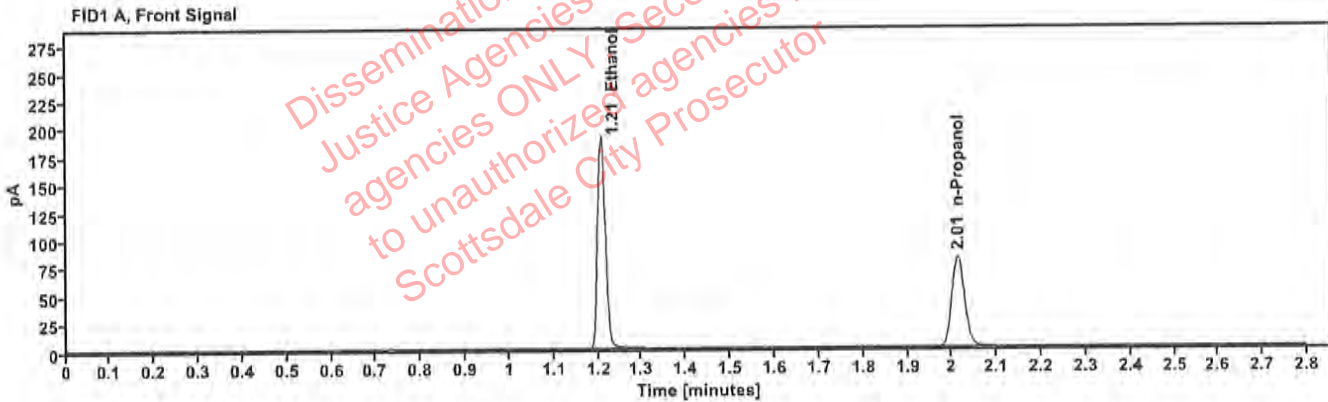


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	241.900
n-Propanol	2.013	161.945

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

Compound	Time (min)	Peak Area
Ethanol	1.353	264.870
n-Propanol	2.432	175.287

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	122022AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 11:17:13 AM
Data file:	C:\Chem32\1\Data\14Mar23\5.D	Analyst:	Canonico <i>ec</i>

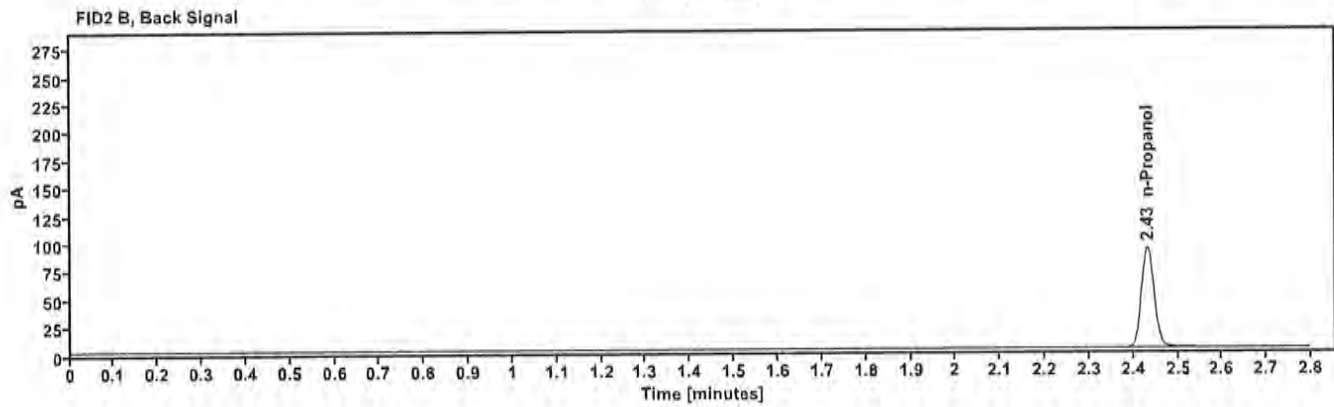
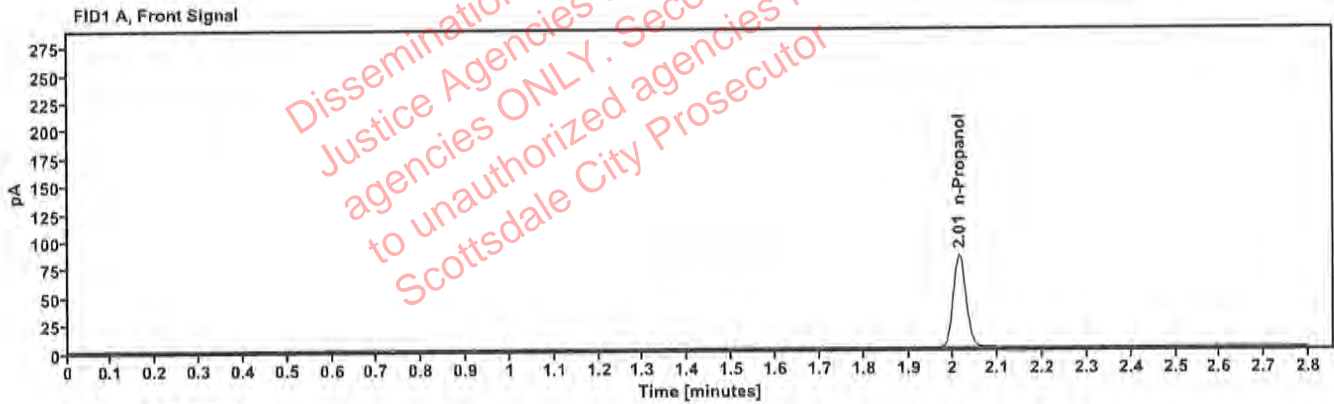


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	166.576

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	180.352

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 11:21:12 AM
Data file:	C:\Chem32\1\Data\14Mar23\6.D	Analyst:	Canonico <i>EL</i>

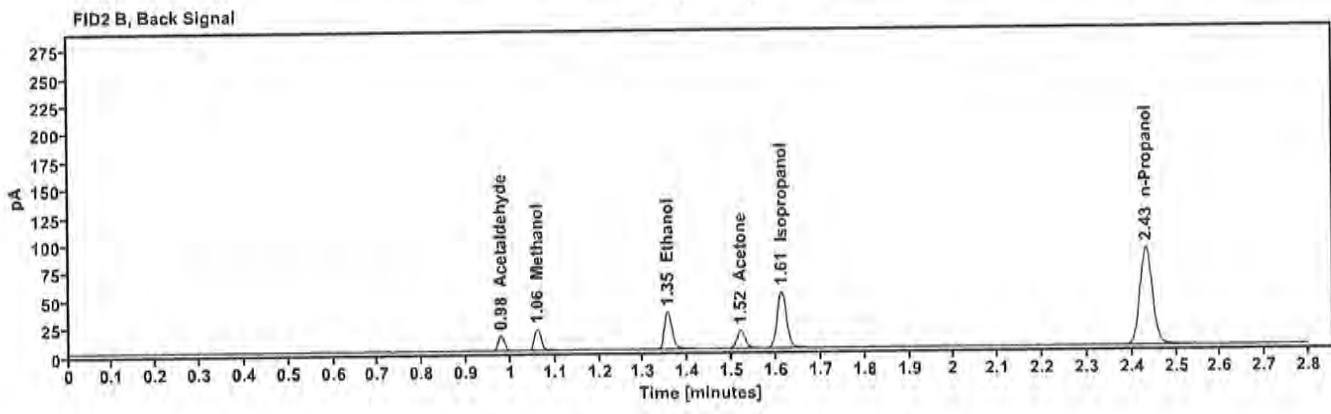
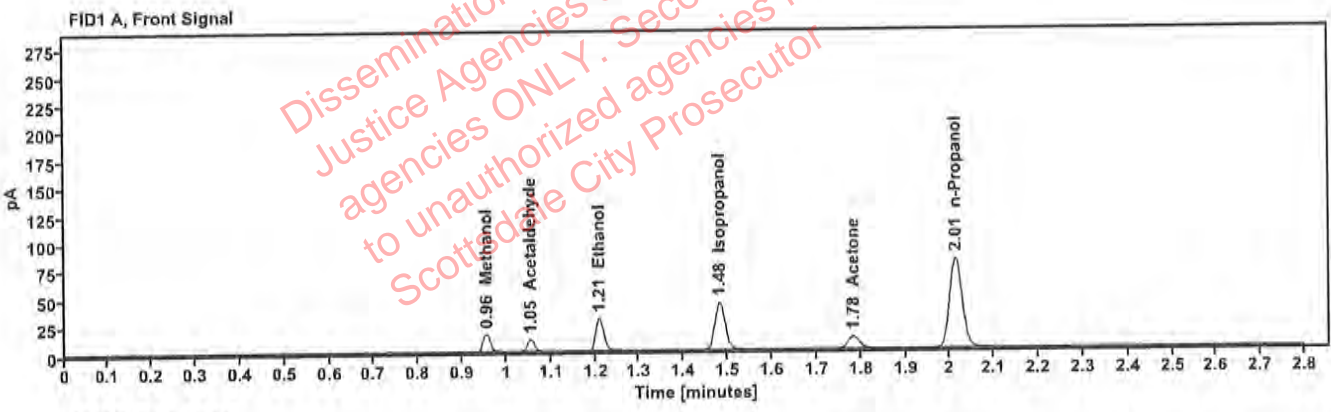


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.323
Acetaldehyde	-----	1.054	11.881
>Ethanol	0.0638	1.209	37.935
Isopropanol	-----	1.482	68.655
Acetone	-----	1.783	19.303
n-Propanol	-----	2.013	161.909

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	13.334
Methanol	1.060	20.058
Ethanol	1.354	41.096
Acetone	1.519	21.095
Isopropanol	1.612	75.820
n-Propanol	2.432	175.221

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 14Mar23
Instrument: US14173023 CN14160045	Injection date: 3/14/2023 11:25:28 AM
Data file: C:\Chem32\1\Data\14Mar23\7.D	Analyst: Canonico <i>ec</i>

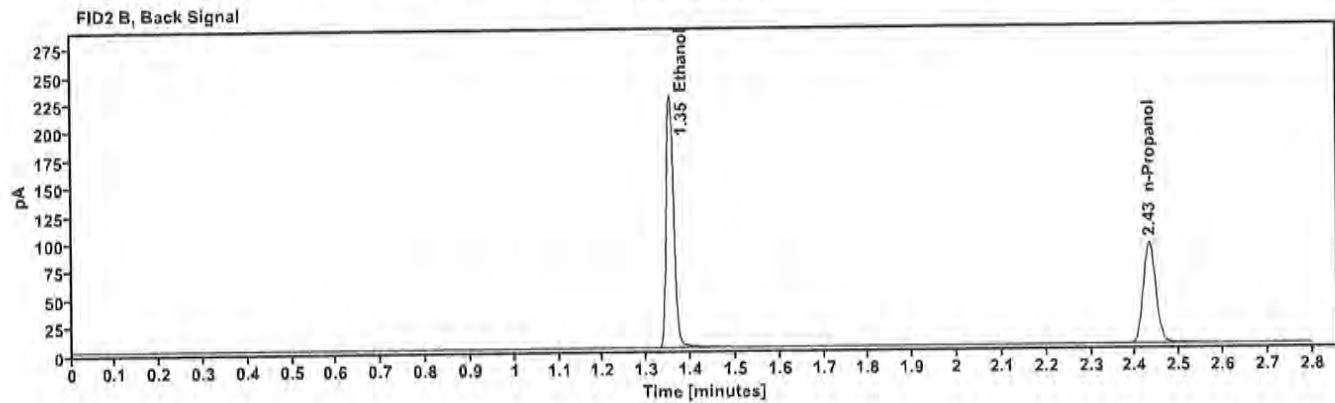
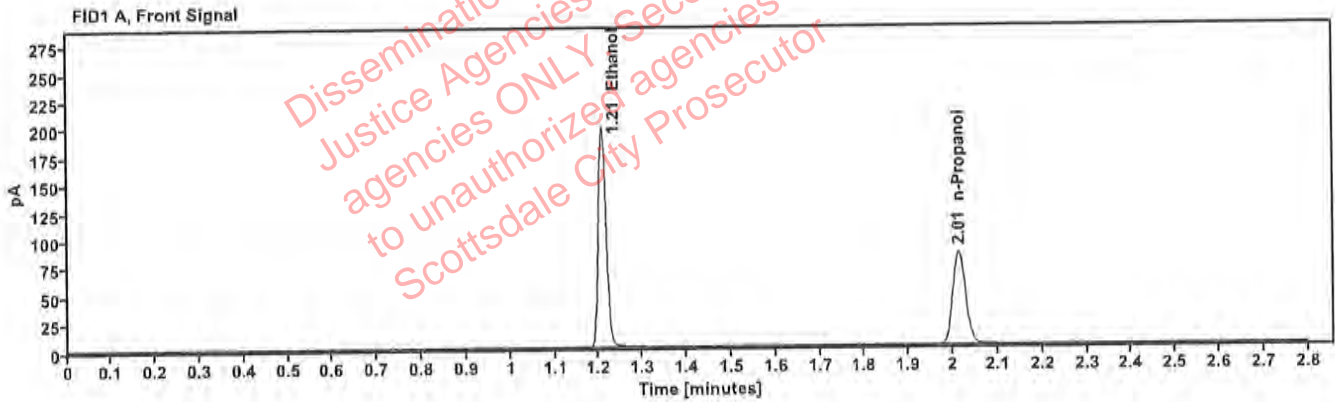


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4011	1.207	250.103
n-Propanol	—	2.013	167.135

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

Compound	Time (min)	Peak Area
Ethanol	1.353	273.764
n-Propanol	2.432	180.904

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 14Mar23
Instrument: US14173023 CN14160045	Injection date: 3/14/2023 11:29:28 AM
Data file: C:\Chem32\1\Data\14Mar23\8.D	Analyst: Canonico <i>ec</i>

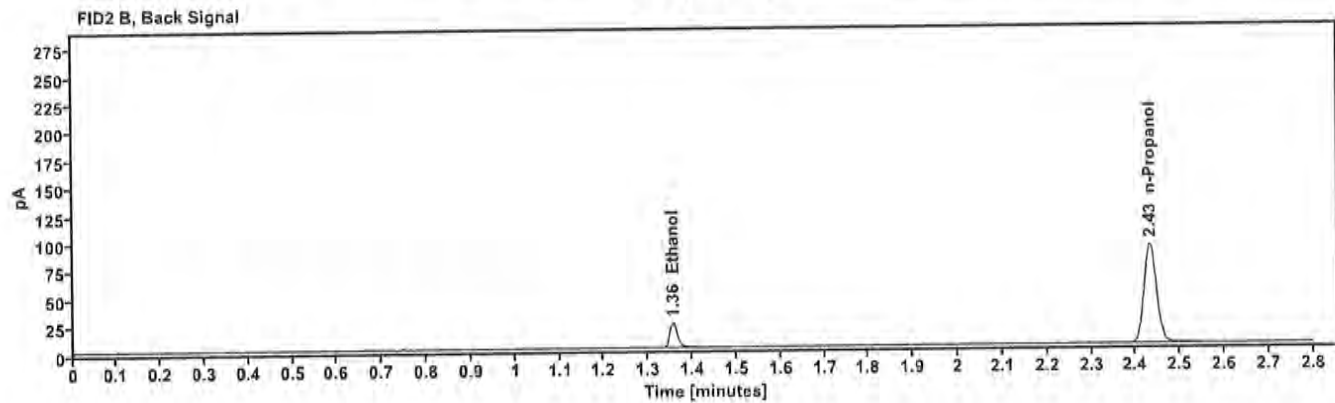
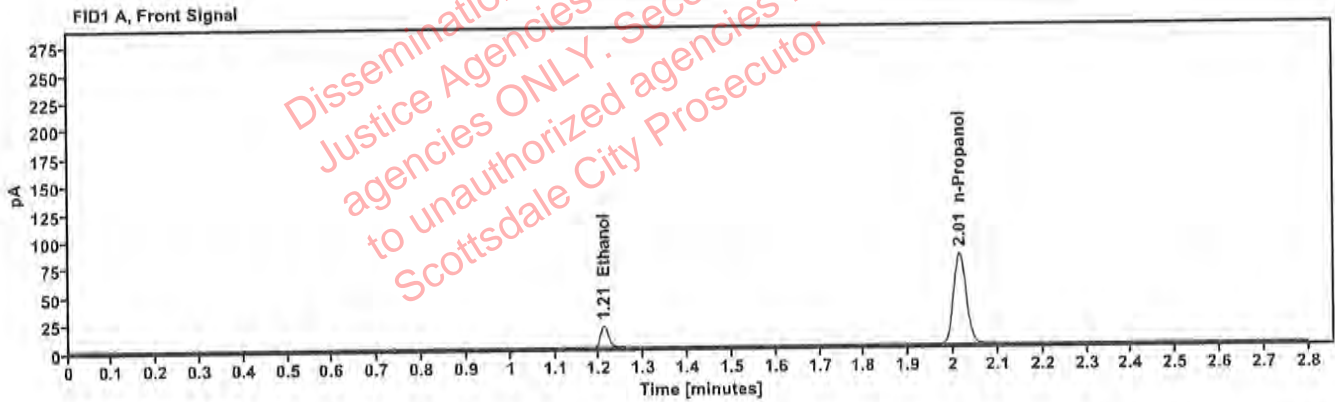


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.210	24.834
n-Propanol	—	2.014	164.194

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

Compound	Time (min)	Peak Area
Ethanol	1.356	26.877
n-Propanol	2.433	177.871

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 14Mar23
Instrument: US14173023 CN14160045	Injection date: 3/14/2023 11:33:27 AM
Data file: C:\Chem32\1\Data\14Mar23\9.D	Analyst: Canonico <i>PC</i>

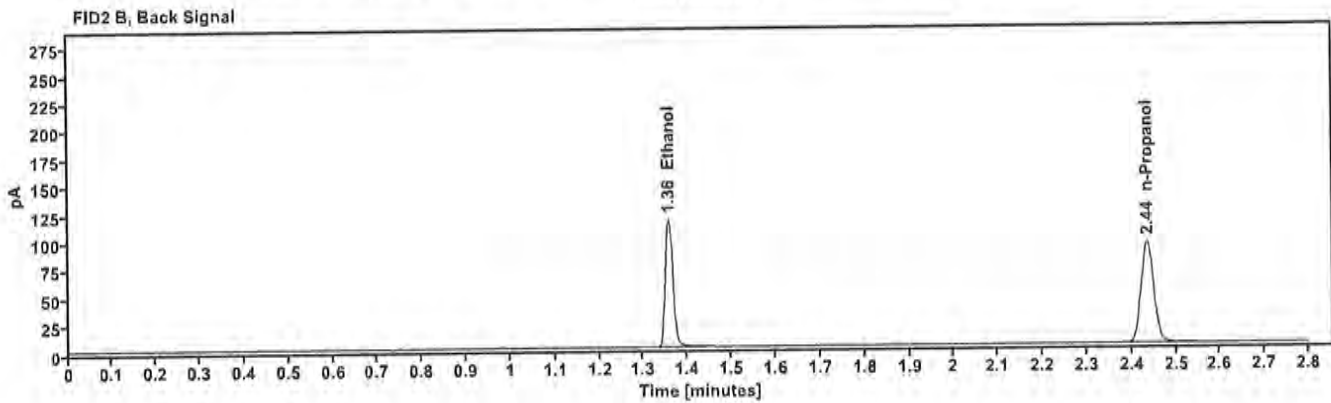
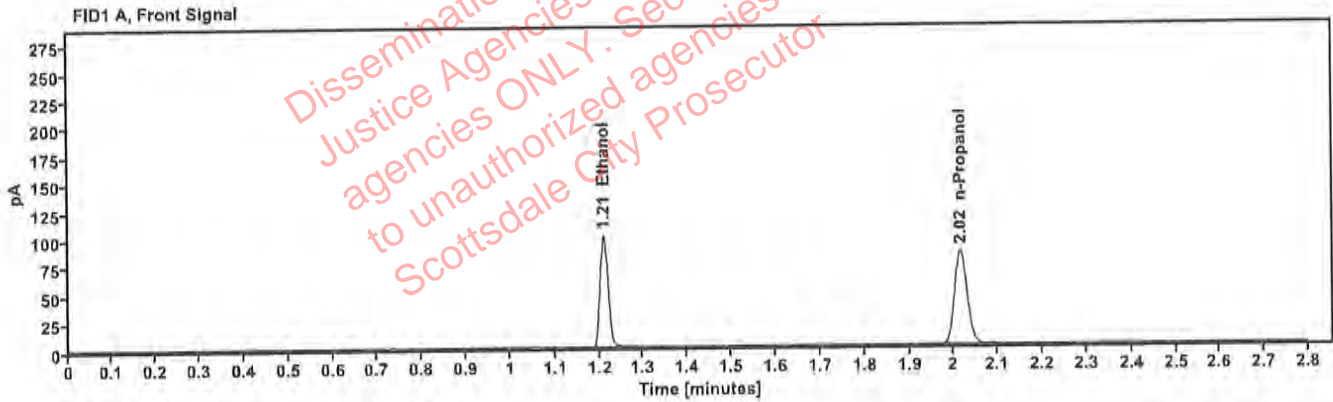


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.210	128.397
n-Propanol	—	2.016	168.240

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

Compound	Time (min)	Peak Area
Ethanol	1.358	140.057
n-Propanol	2.435	182.184

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:17:57 PM
Data file:	C:\Chem32\1\Data\14Mar23\20.D	Analyst:	Canonico <i>ec</i>

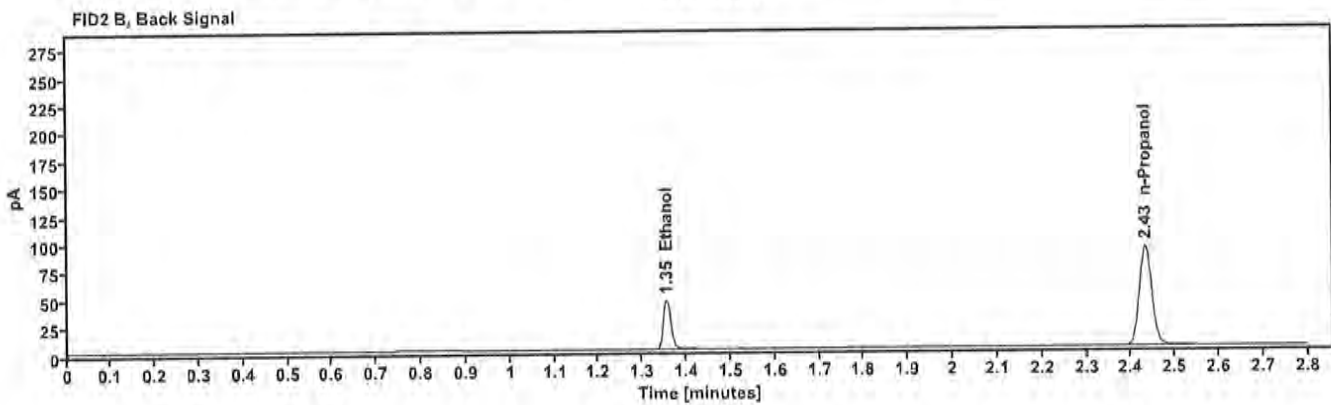
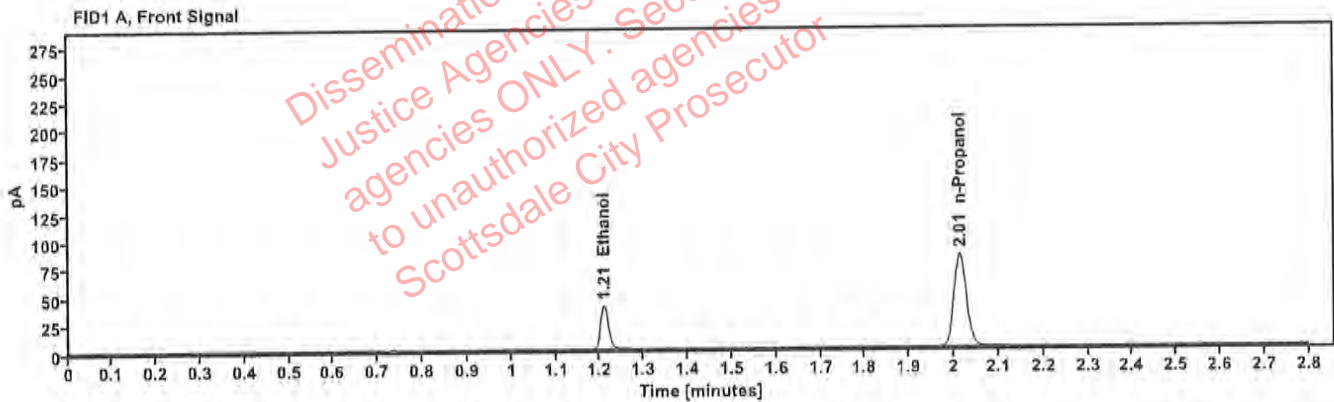


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0812	1.209	49.839
n-Propanol	—	2.014	166.472

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

Compound	Time (min)	Peak Area
Ethanol	1.355	54.176
n-Propanol	2.432	180.019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 14Mar23
Instrument: US14173023 CN14160045	Injection date: 3/14/2023 1:02:27 PM
Data file: C:\Chem32\1\Data\14Mar23\31.D	Analyst: Canonico <i>EC</i>

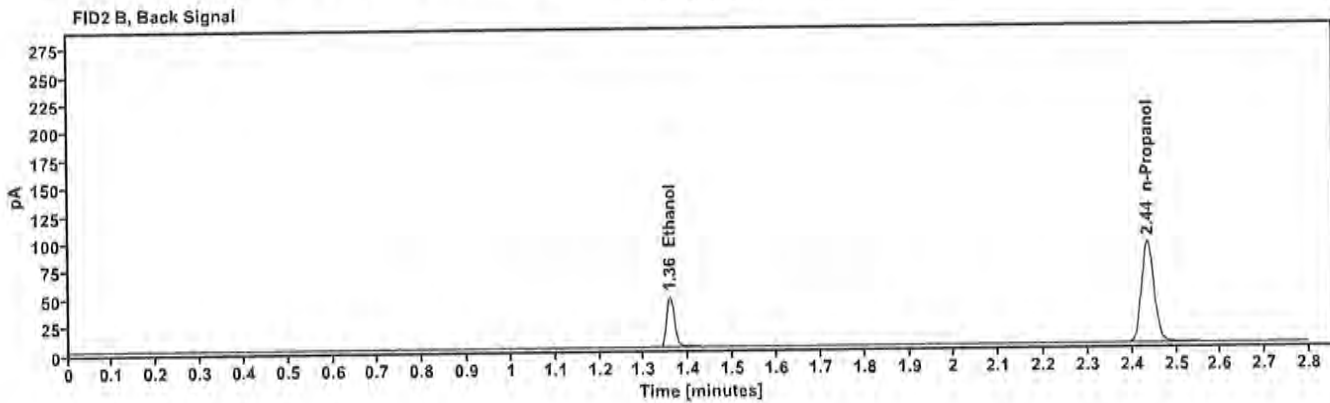
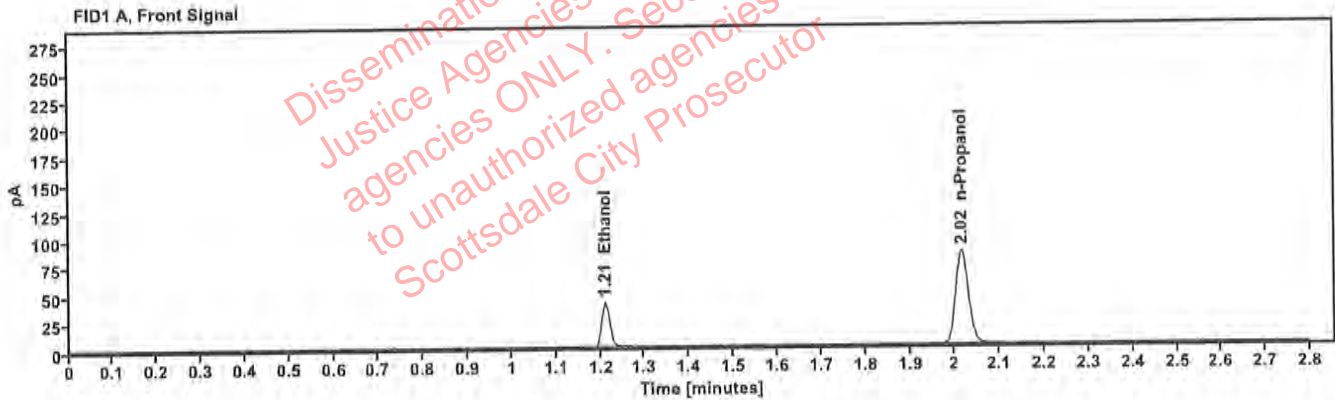


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0829	1.211	51.127
n-Propanol	—	2.016	167.338

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

Compound	Time (min)	Peak Area
Ethanol	1.358	55,677
n-Propanol	2.436	181.197

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:46:43 PM
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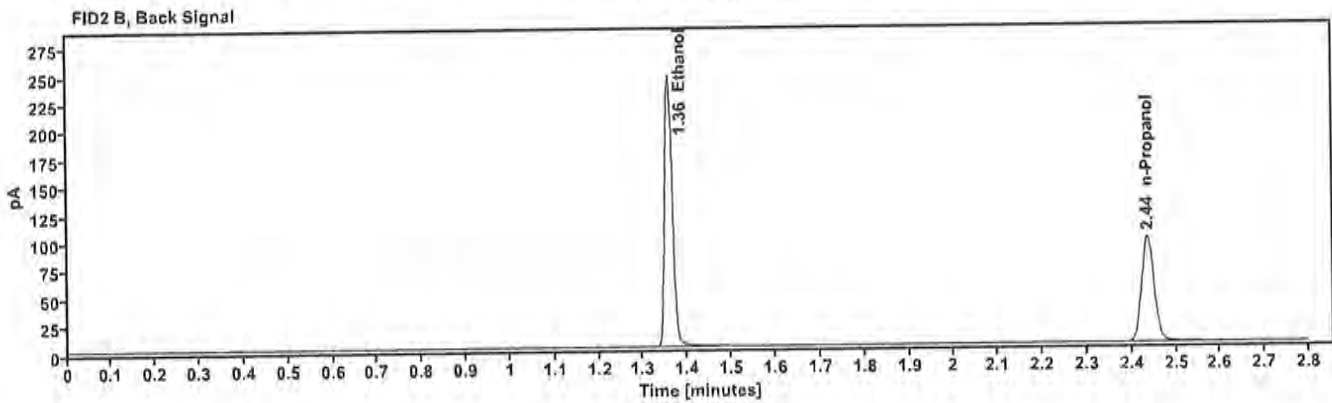
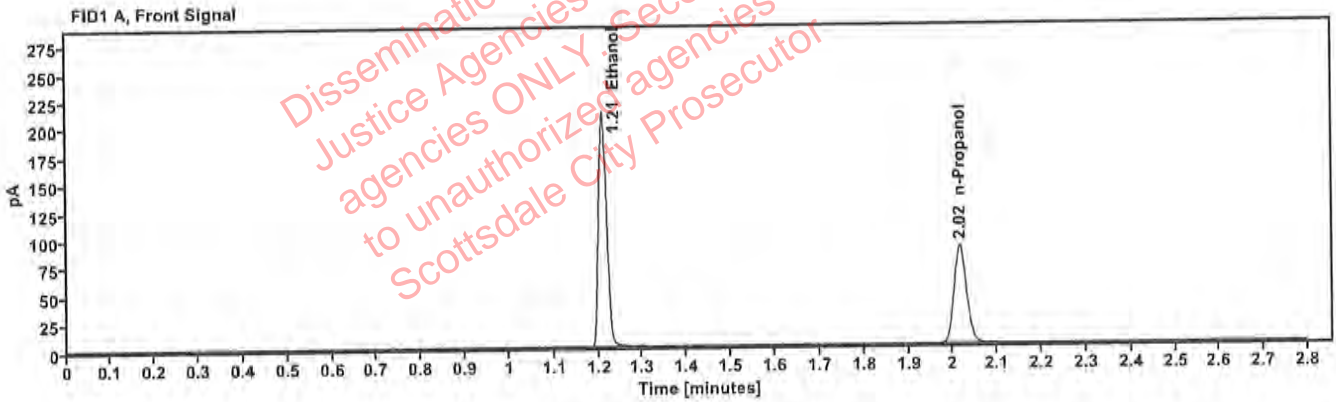


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4145	1.210	270.534
n-Propanol	—	2.016	174.952

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

Compound	Time (min)	Peak Area
Ethanol	1.358	296.736
n-Propanol	2.436	189.706

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 14Mar23
Instrument: US14173023 CN14160045	Injection date: 3/14/2023 1:50:57 PM
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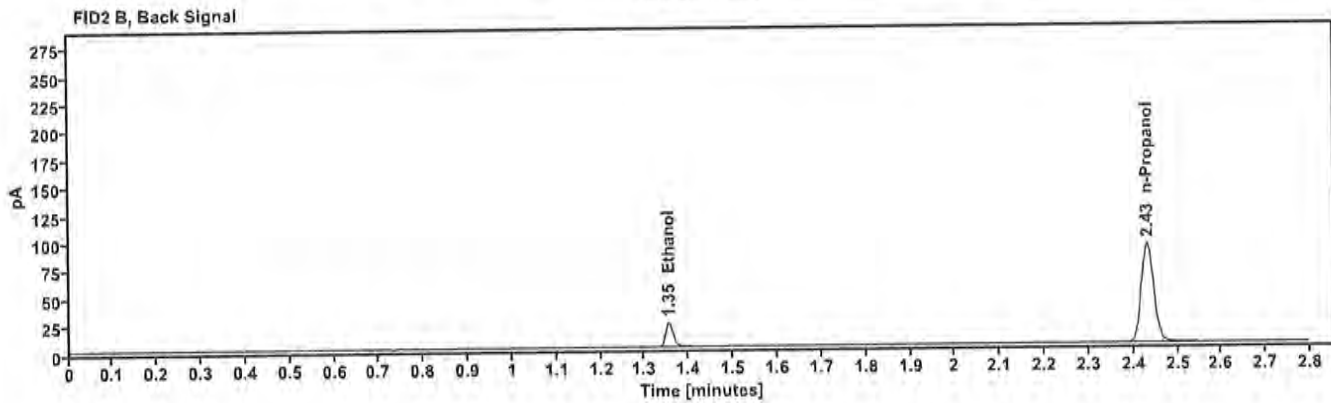
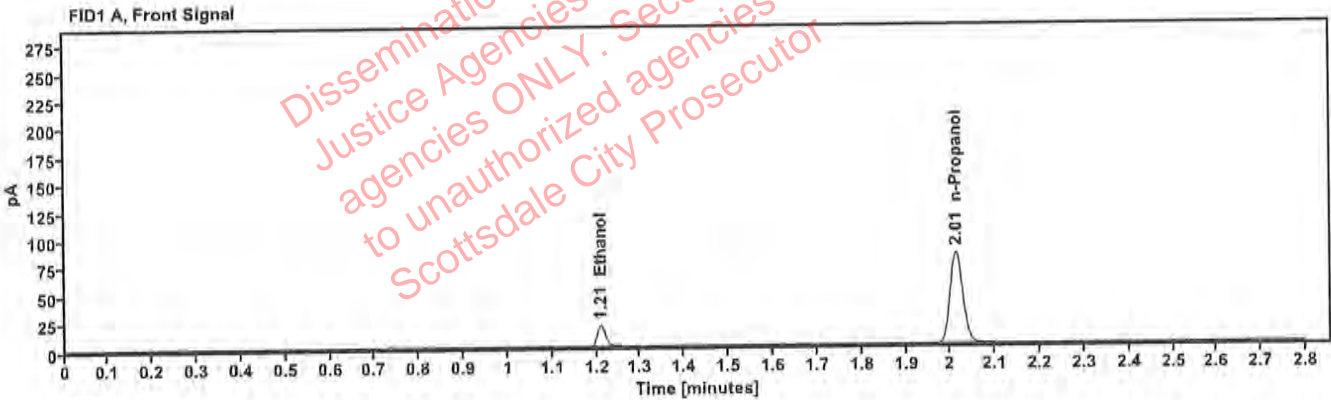


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.209	24.519
n-Propanol	—	2.013	164.671

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

Compound	Time (min)	Peak Area
Ethanol	1.355	26.604
n-Propanol	2.432	178.283

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 14Mar23
Instrument: US14173023 CN14160045	Injection date: 3/14/2023 1:54:58 PM
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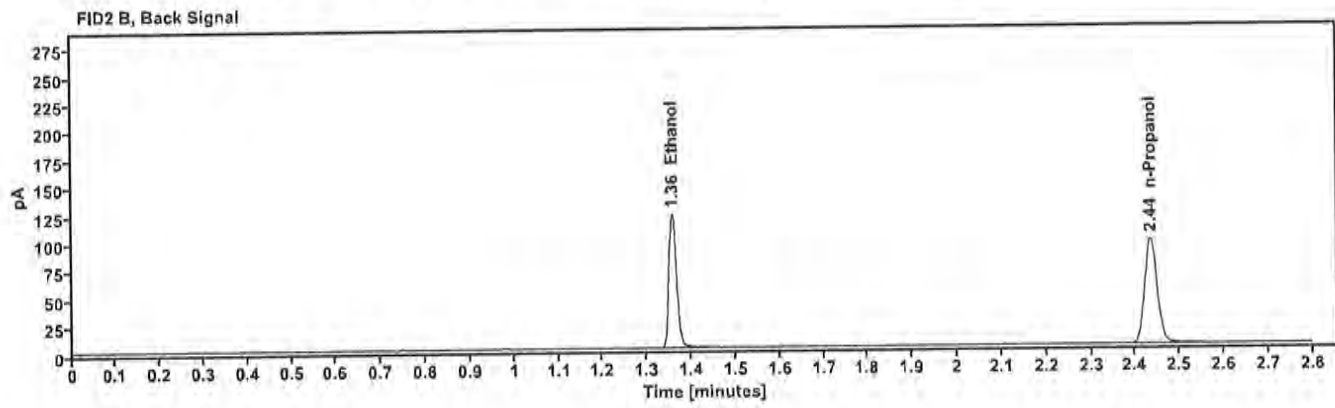
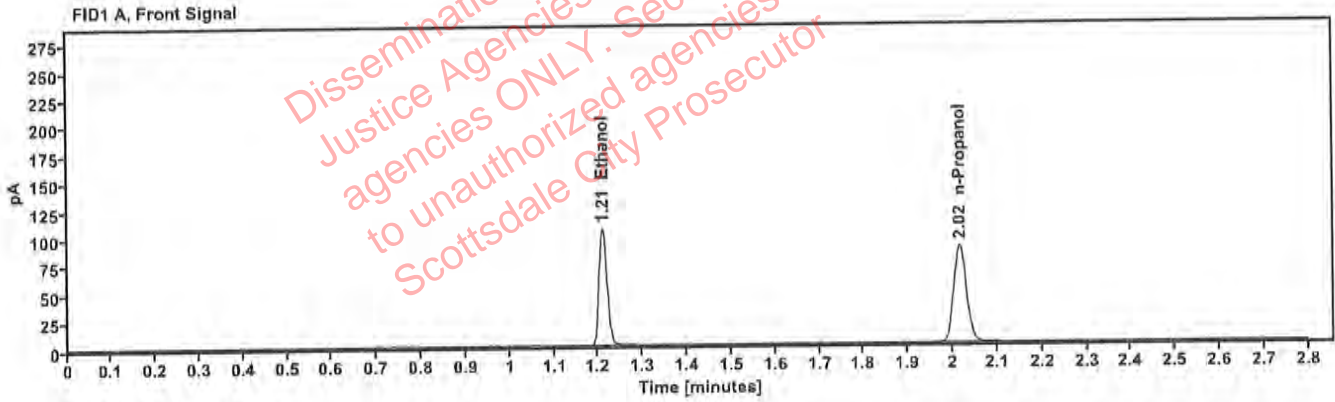


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2067	1.210	134.240
n-Propanol	---	2.016	174.588

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

Compound	Time (min)	Peak Area
Ethanol	1.358	146.292
n-Propanol	2.436	189.233

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:58:57 PM
Data file:	C:\Chem32\1\Data\14Mar23\45.D	Analyst:	Canonico <i>EC</i>

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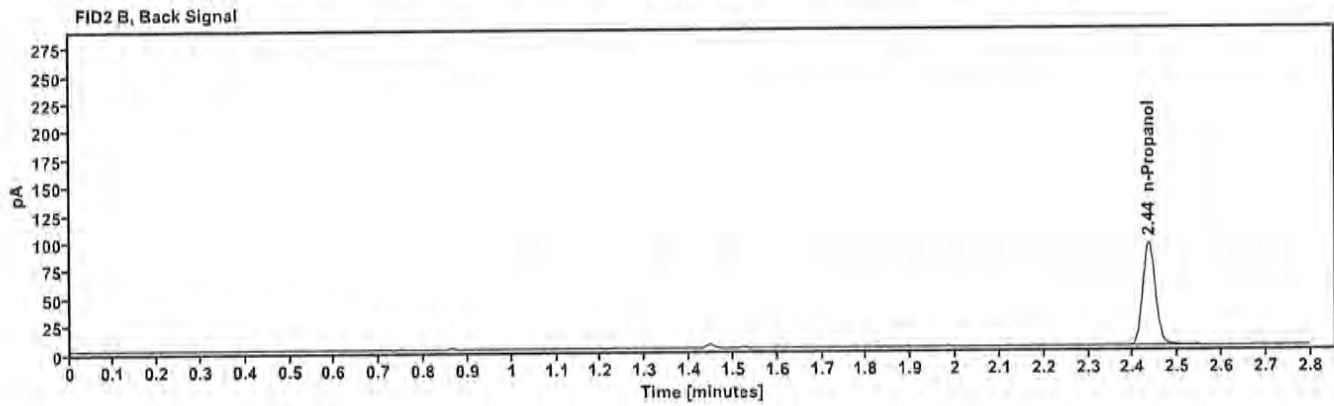
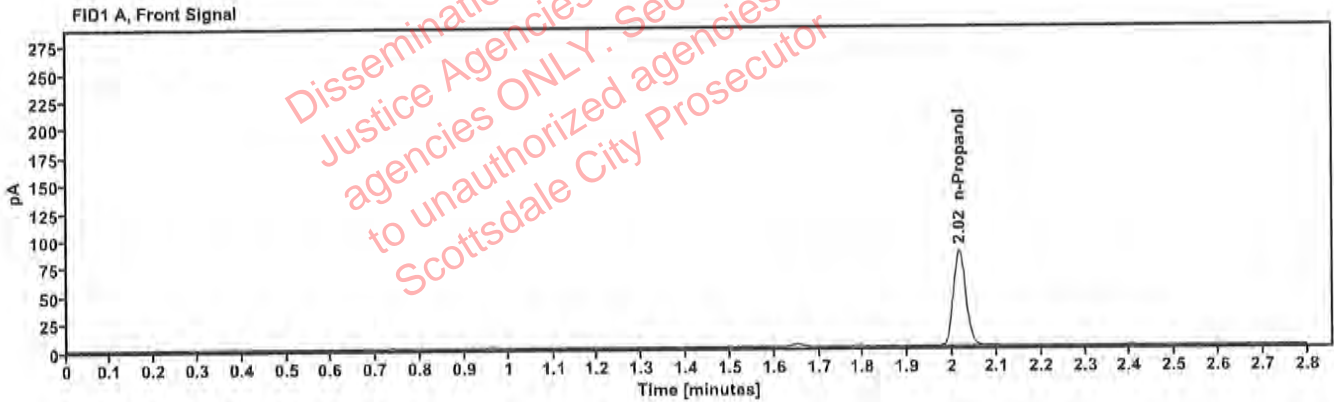


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.015	171.258

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	185.778

Sequence Summary

Sequence name: 14Mar23 Instrument: US14173023 CN14160045 Analyst: Canonico *ee*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	122022AQ	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	312-01A		Sample		ethanol quant.M
11	312-01A		Sample		ethanol quant.M
12	409-02J.S.		Sample		ethanol quant.M
13	409-02J.S.		Sample		ethanol quant.M
14	326-01C.D.		Sample		ethanol quant.M
15	326-01C.D.		Sample		ethanol quant.M
16	409-01A.T.		Sample		ethanol quant.M
17	409-01A.T.		Sample		ethanol quant.M
18	353-01T.K.		Sample		ethanol quant.M
19	353-01T.K.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	318-01T.T.		Sample		ethanol quant.M
22	318-01T.T.		Sample		ethanol quant.M
23	390-01J.A.		Sample		ethanol quant.M
24	390-01J.A.		Sample		ethanol quant.M
25	420-01J.A.		Sample		ethanol quant.M
26	420-01J.A.		Sample		ethanol quant.M
27	2304659-2		Sample		ethanol quant.M
28	2304659-2		Sample		ethanol quant.M
29	2304743-2		Sample		ethanol quant.M
30	2304743-2		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2304749-1		Sample		ethanol quant.M
33	2304749-1		Sample		ethanol quant.M
34	2304785-1		Sample		ethanol quant.M
35	2304785-1		Sample		ethanol quant.M
36	2304809-1		Sample		ethanol quant.M
37	2304809-1		Sample		ethanol quant.M
38	2304819-3		Sample		ethanol quant.M
39	2304819-3		Sample		ethanol quant.M
40	1434607		Sample		ethanol quant.M
41	1434607		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	011823WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 14Mar23

ANALYST: Canonico

EL

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1684	0.1689	0.16865	0.15	0.00025
12 13	0.0582	0.0593	0.05875	0.94	0.00055
14 15	0.0000	0.0000	0.00000	0.00	0.00000
16 17	0.0721	0.0730	0.07255	0.62	0.00045
18 19	0.1523	0.1523	0.15230	0.00	0.00000
21 22	0.2657	0.2673	0.26650	0.30	0.00080
23 24	0.0366	0.0367	0.03665	0.14	0.00005
25 26	0.1427	0.1415	0.14210	0.42	0.00060
27 28	0.1160	0.1163	0.11615	0.13	0.00015
29 30	0.1347	0.1321	0.13340	0.97	0.00130
32 33	0.3188	0.3188	0.31880	0.00	0.00000
34 35	0.1512	0.1504	0.15080	0.27	0.00040
36 37	0.2038	0.2045	0.20415	0.17	0.00035
38 39	0.2063	0.2063	0.20630	0.00	0.00000
40 41	0.1147	0.1135	0.11410	0.53	0.00060

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Canonico *ec*

SEQUENCE: 14Mar23

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	312-01A	312-01A	312-01A	Yes
Vials 12 and 13	409-02J.S.	409-02J.S.	409-02J.S.	Yes
Vials 14 and 15	326-01C.D.	326-01C.D.	326-01C.D.	Yes
Vials 16 and 17	409-01A.T.	409-01A.T.	409-01A.T.	Yes
Vials 18 and 19	353-01T.K.	353-01T.K.	353-01T.K.	Yes
Vials 21 and 22	318-01T.T.	318-01T.T.	318-01T.T.	Yes
Vials 23 and 24	390-01J.A.	390-01J.A.	390-01J.A.	Yes
Vials 25 and 26	420-01J.A.	420-01J.A.	420-01J.A.	Yes
Vials 27 and 28	2304659-2	2304659-2	2304659-2	Yes
Vials 29 and 30	2304743-2	2304743-2	2304743-2	Yes
Vials 32 and 33	2304749-1	2304749-1	2304749-1	Yes
Vials 34 and 35	2304785-1	2304785-1	2304785-1	Yes
Vials 36 and 37	2304809-1	2304809-1	2304809-1	Yes
Vials 38 and 39	2304819-3	2304819-3	2304819-3	Yes
Vials 40 and 41	1434607	1434607	1434607	Yes

[REDACTED]: Canonico, Erika - (15-Mar-2023)

Case: [REDACTED] User: ecanonico 3/15/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	312-01A	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 11:37:27 AM
Data file:	C:\Chem32\1\Data\14Mar23\10.D	Analyst:	Canonico

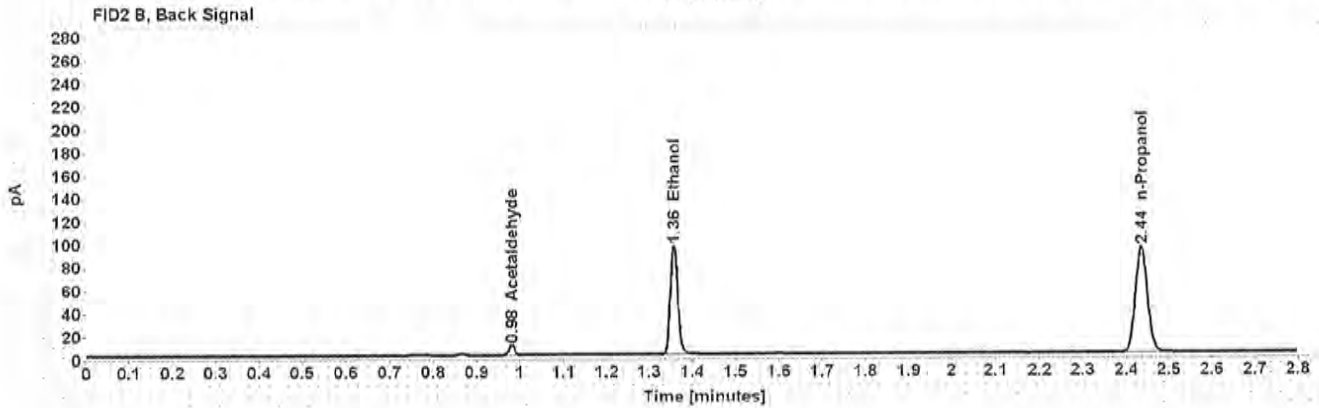
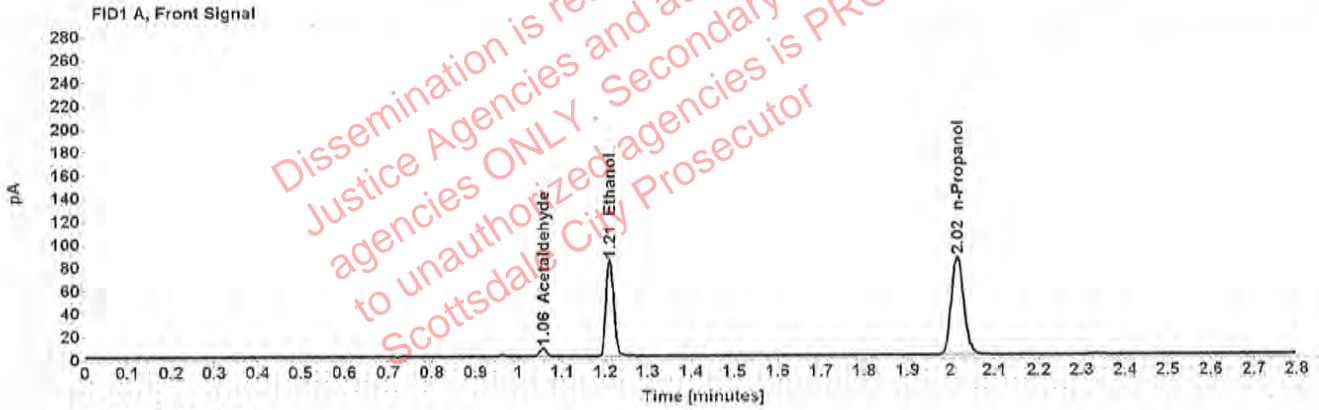


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	7.420
>Ethanol	0.1684	1.210	105.814
n-Propanol	-----	2.016	169.171

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	8.330
Ethanol	1.358	115.159
n-Propanol	2.436	183.491

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	312-01A	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 11:41:27 AM
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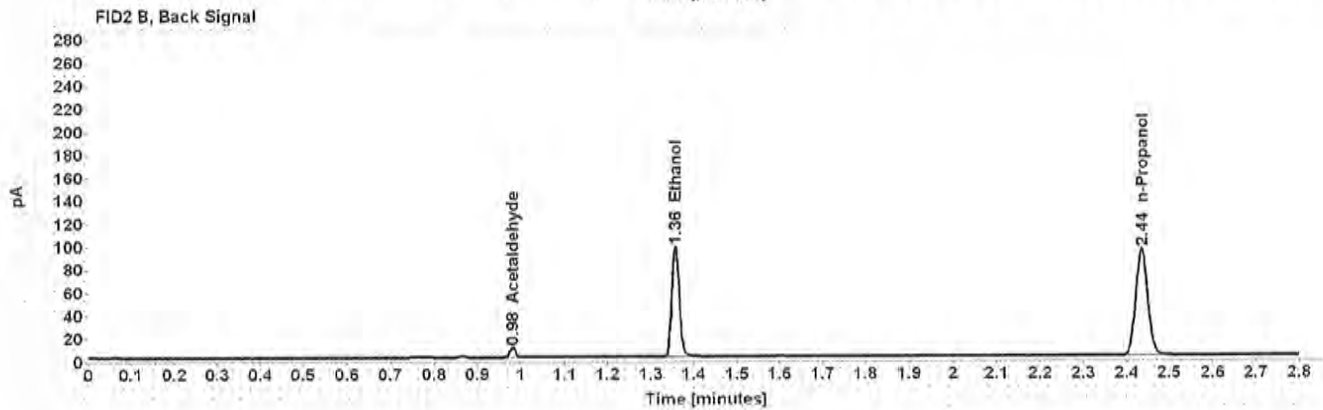
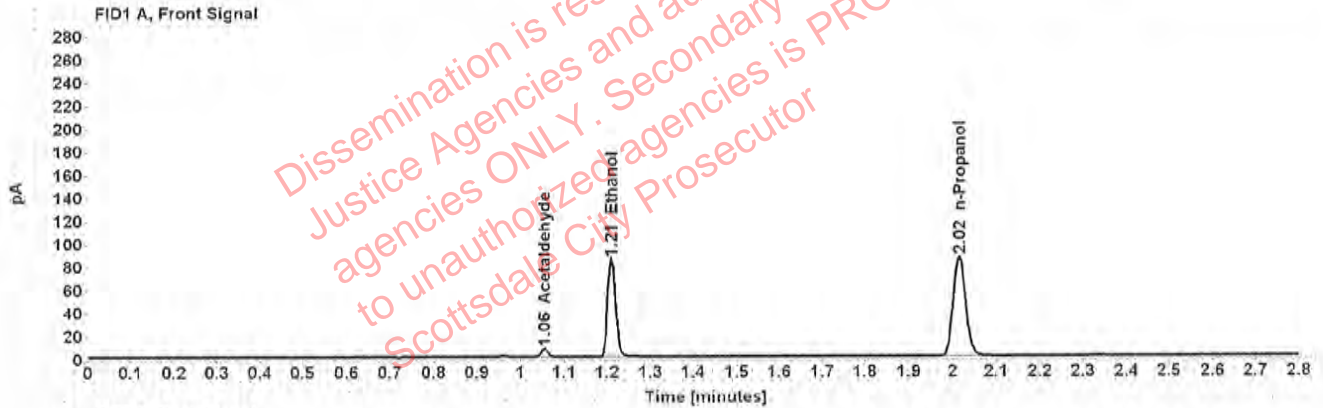


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	7.463
>Ethanol	0.1689	1.210	107.467
n-Propanol	-----	2.016	171.286

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	8.371
Ethanol	1.358	117.024
n-Propanol	2.435	185.860

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-02J.S.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 11:45:28 AM
Data file:	C:\Chem32\1\Data\14Mar23\12.D	Analyst:	Canonico

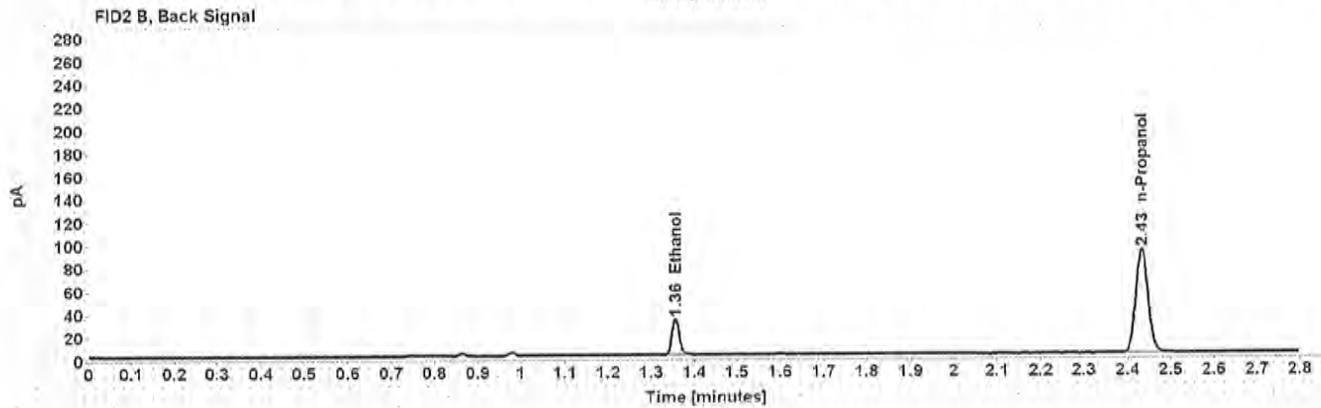
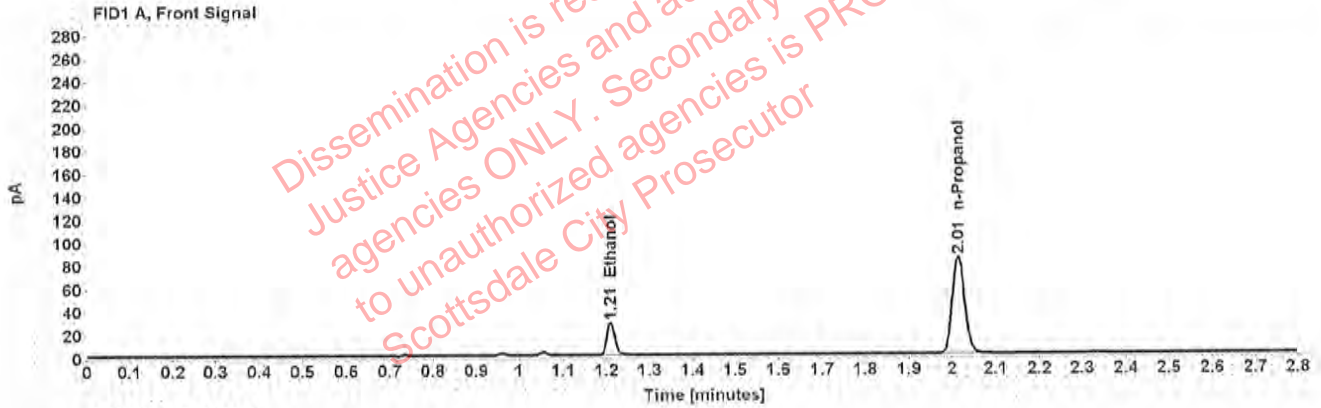


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0582	1.210	35.504
n-Propanol	-----	2.014	166.385

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

Compound	Time (min)	Peak Area
Ethanol	1.356	39.110
n-Propanol	2.433	180.617

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-02J.S.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 11:49:42 AM
Data file:	C:\Chem32\1\Data\14Mar23\13.D	Analyst:	Canonico

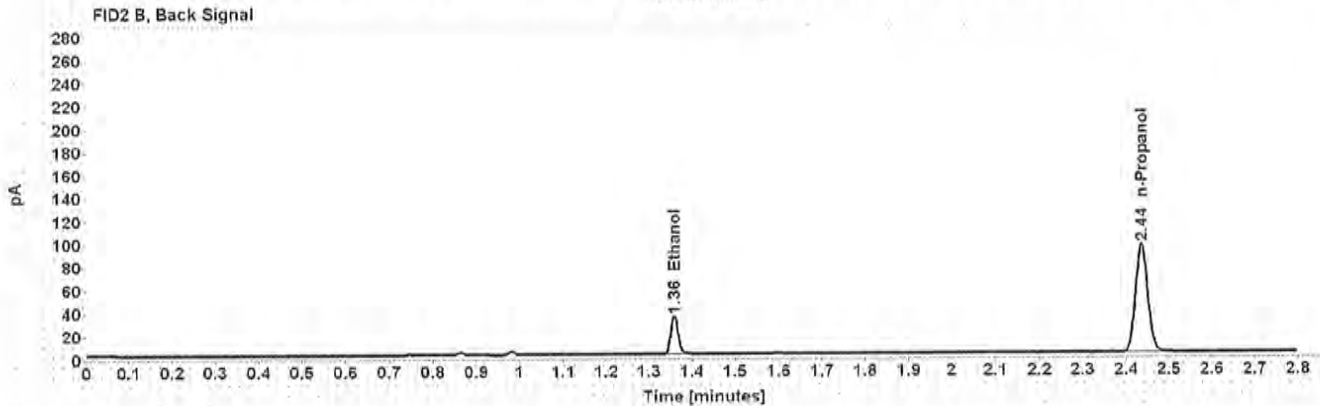
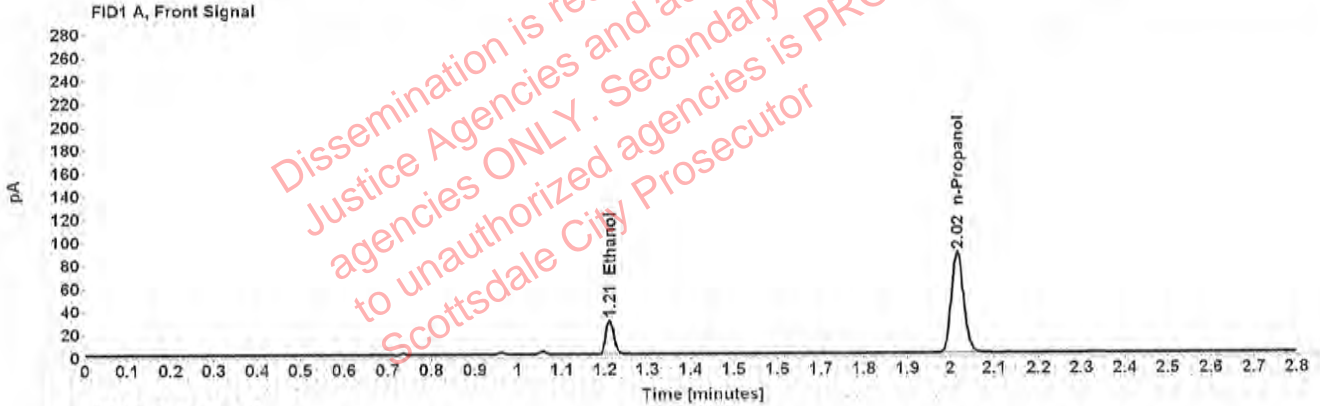


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0593	1.212	37.817
n-Propanol	-----	2.016	173.885

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

Compound	Time (min)	Peak Area
Ethanol	1.359	41.667
n-Propanol	2.436	188.831

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	326-01C.D.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 11:53:42 AM
Data file:	C:\Chem32\1\Data\14Mar23\14.D	Analyst:	Canonico

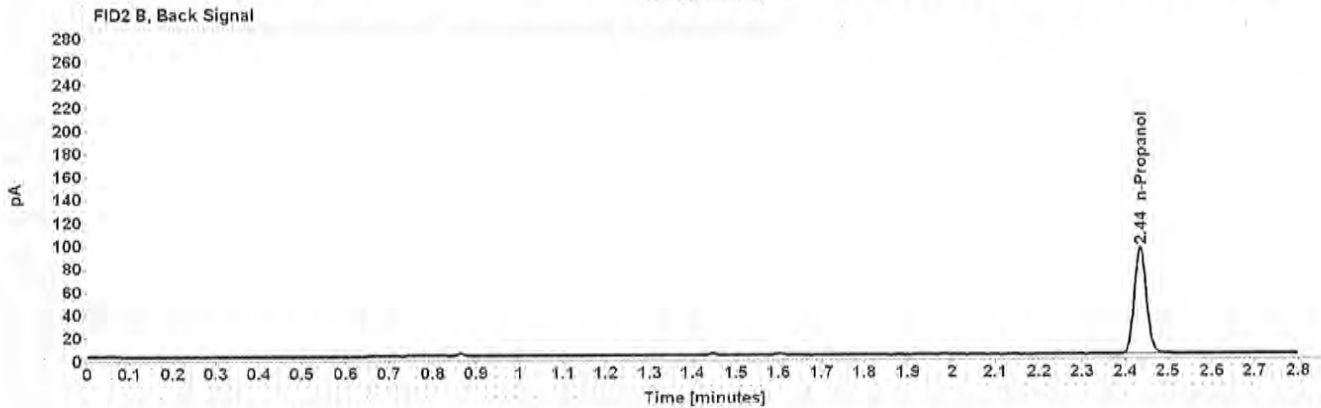


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	171.107

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	185.448

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	326-01C.D.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 11:57:42 AM
Data file:	C:\Chem32\1\Data\14Mar23\15.D	Analyst:	Canonico

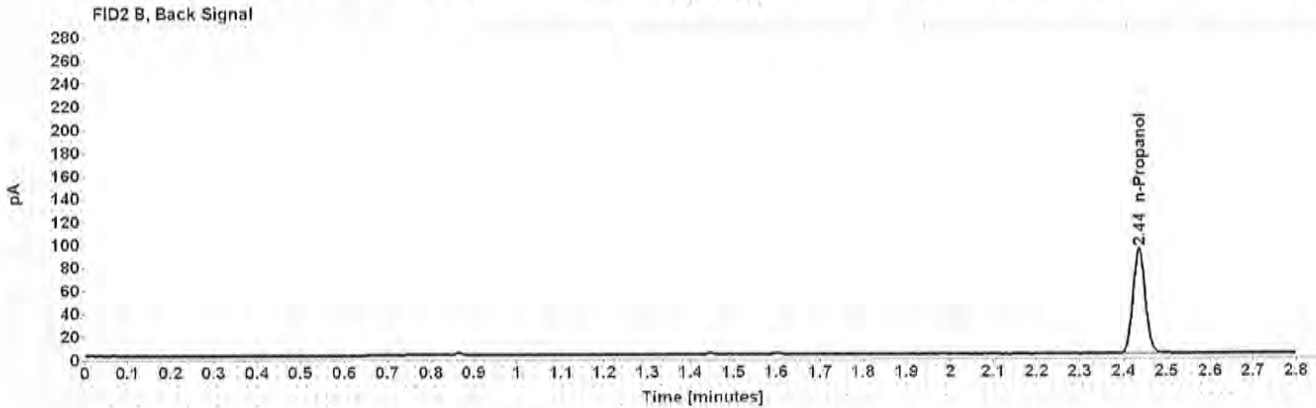
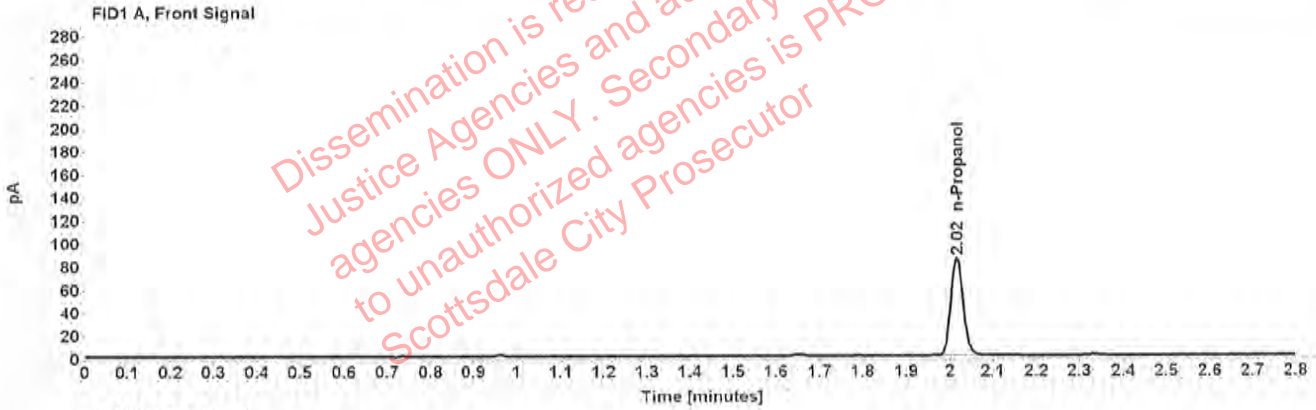


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	168.819

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	182.991

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01A.T	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:01:43 PM
Data file:	C:\Chem32\1\Data\14Mar23\16.D	Analyst:	Canonico

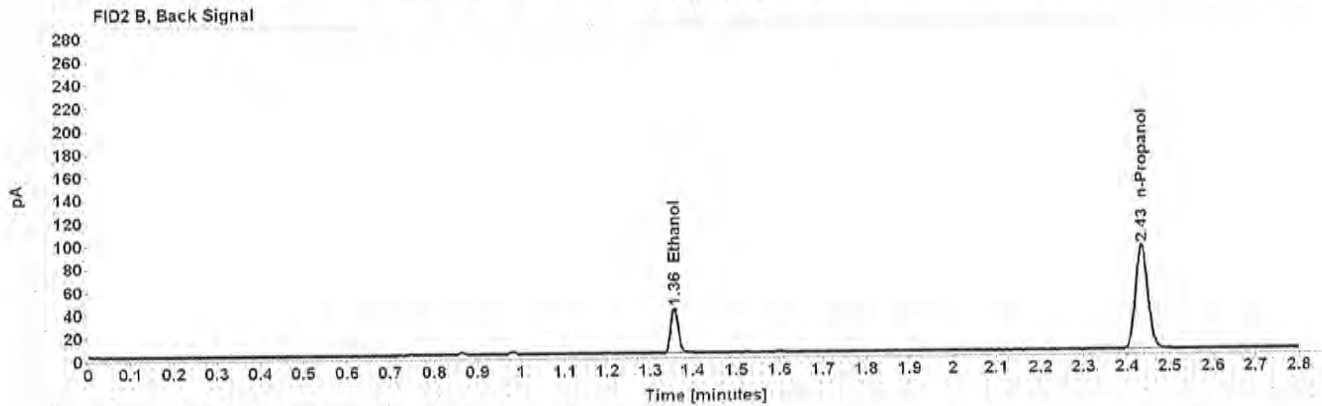
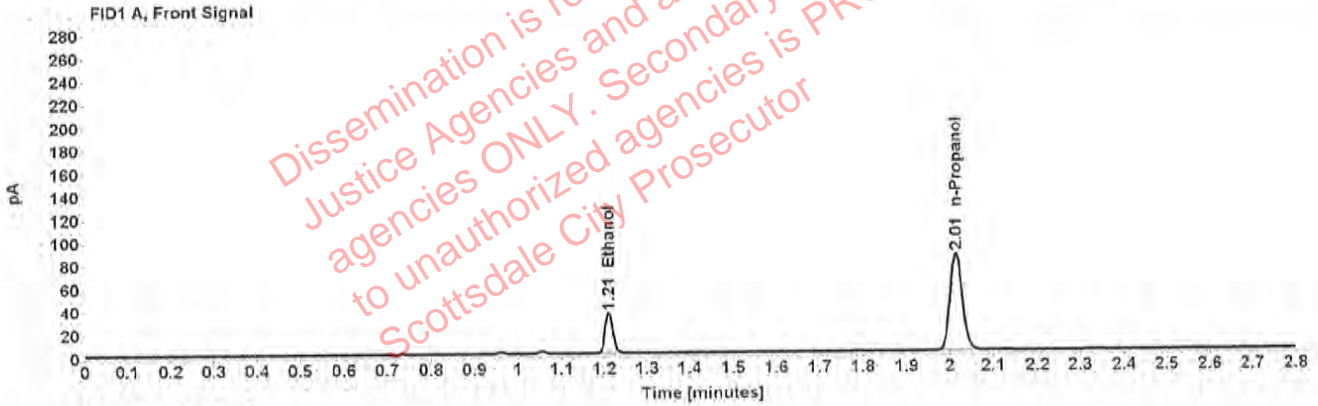


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0721	1.210	44.537
n-Propanol	-----	2.015	167.885

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

Compound	Time (min)	Peak Area
Ethanol	1.357	48.370
n-Propanol	2.434	182.125

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01A.T	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:05:42 PM
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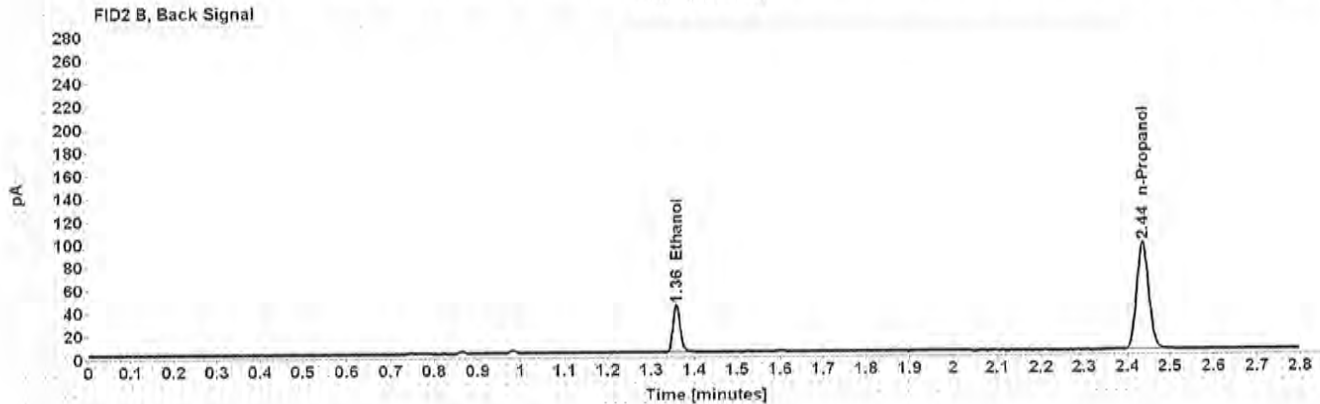
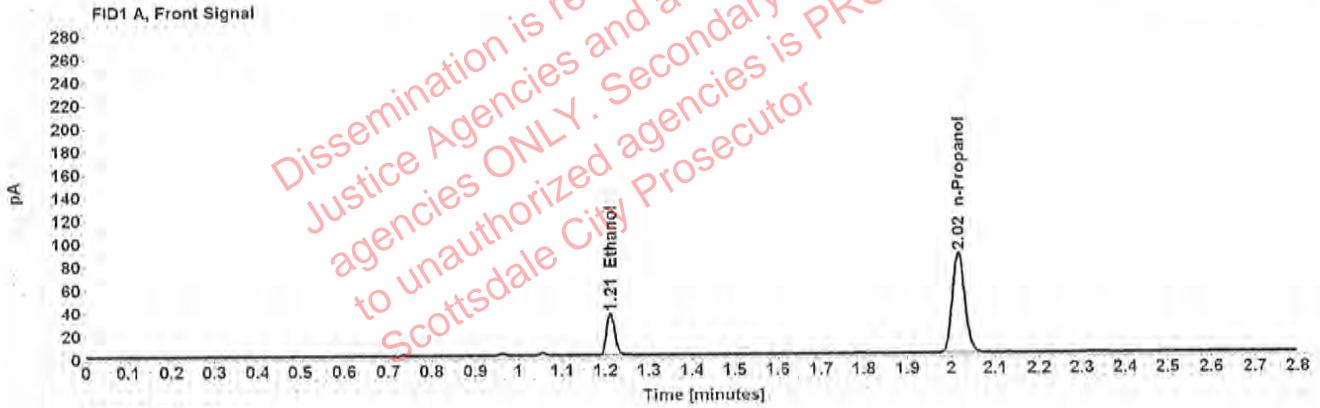


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0730	1.211	46.300
n-Propanol	-----	2.016	172.479

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

Compound	Time (min)	Peak Area
Ethanol	1.359	50.287
n-Propanol	2.436	187.348

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01T.K.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:09:42 PM
Data file:	C:\Chem32\1\Data\14Mar23\18.D	Analyst:	Canonico

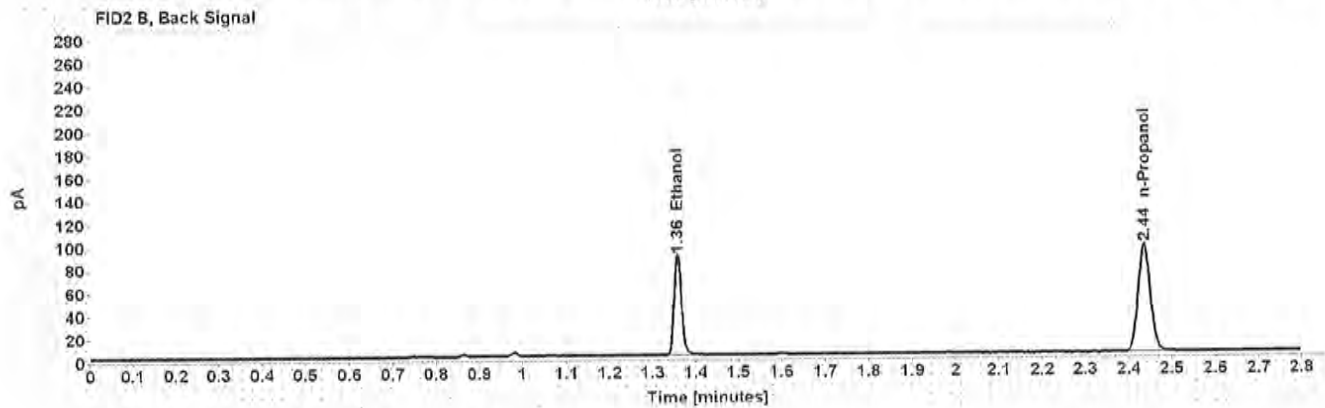
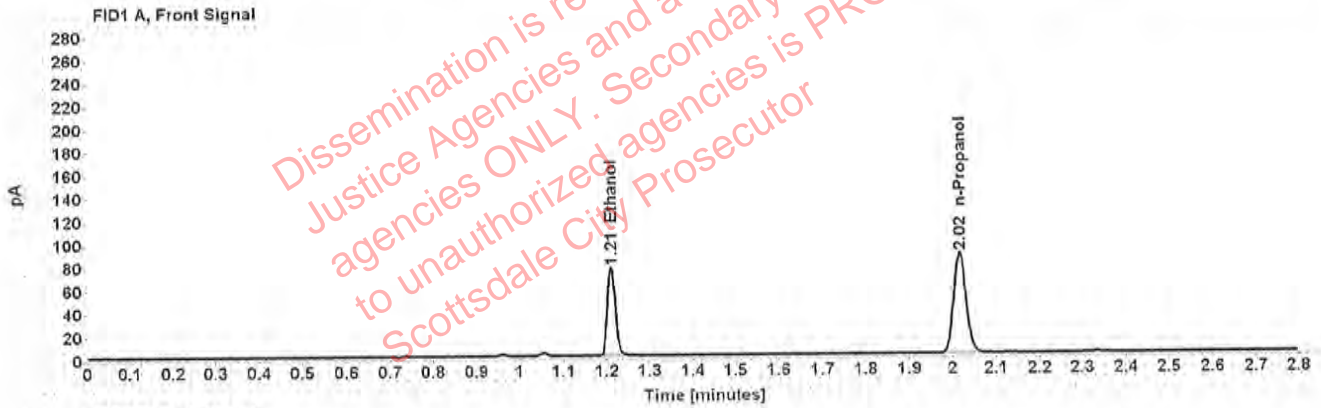


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1523	1.211	97.223
n-Propanol	-----	2.016	172.000

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

Compound	Time (min)	Peak Area
Ethanol	1.358	106.053
n-Propanol	2.436	186.858

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01T.K.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:13:57 PM
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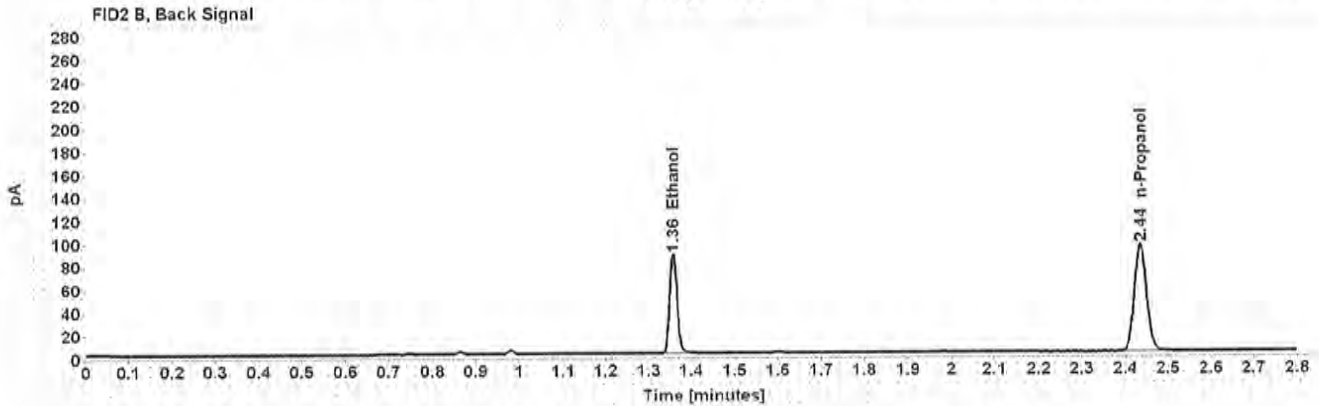
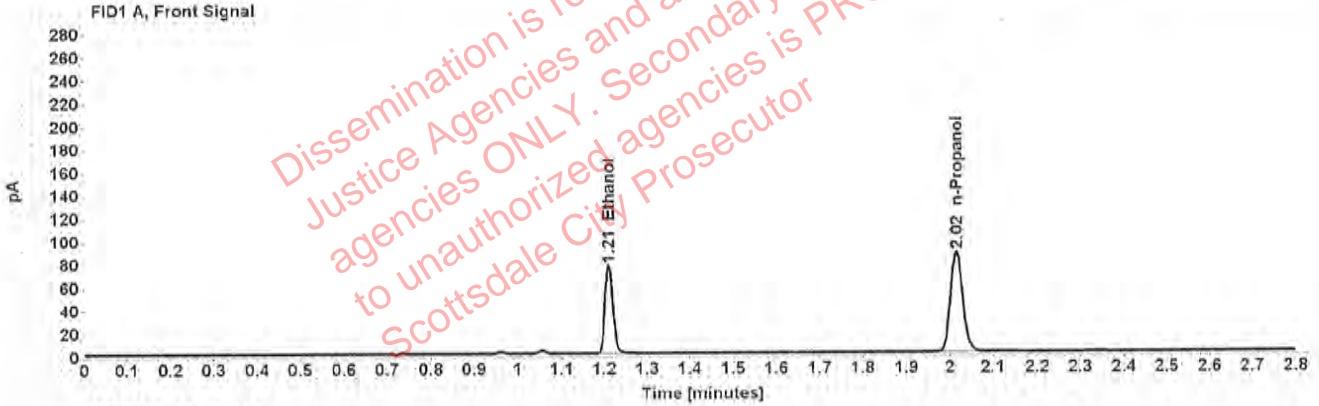


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1523	1.210	97.329
n-Propanol	-----	2.016	172.126

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

Compound	Time (min)	Peak Area
Ethanol	1.358	105.853
n-Propanol	2.435	186.651

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	318-01T.T.	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:21:57 PM
Data file:	C:\Chem32\1\Data\14Mar23\21.D	Analyst:	Canonico

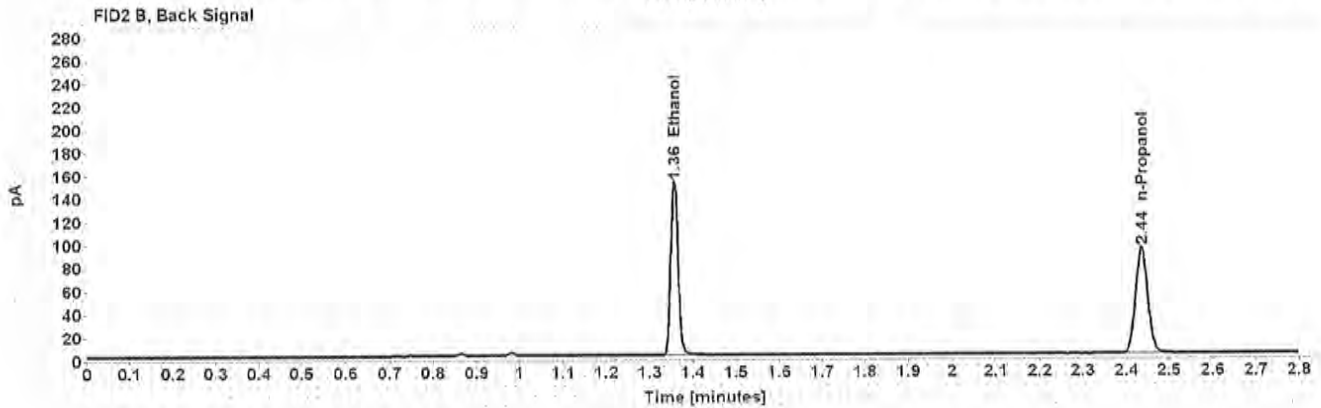
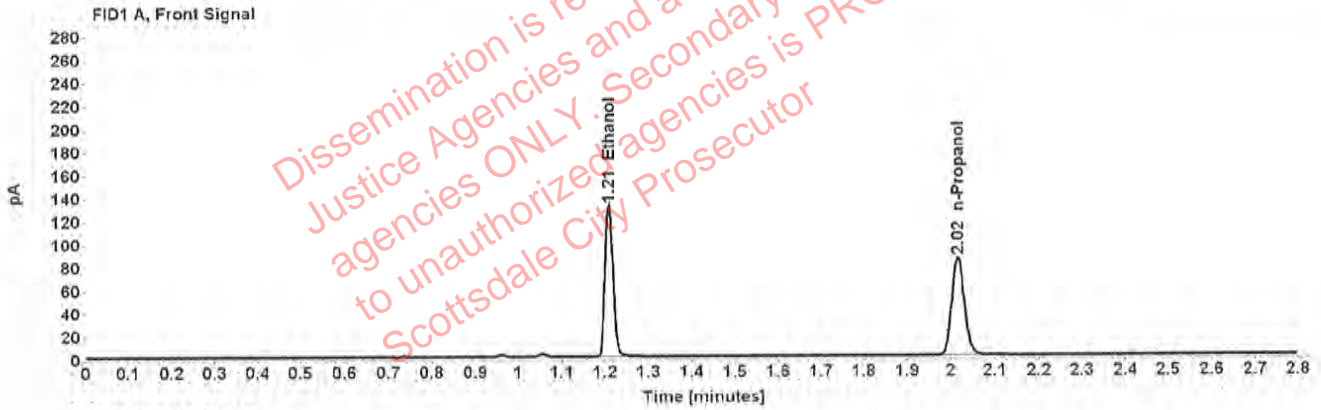


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2657	1.210	167.757
n-Propanol	-----	2.016	169.487

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

Compound	Time (min)	Peak Area
Ethanol	1.357	183.663
n-Propanol	2.435	183.239

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	318-01T.T.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:25:57 PM
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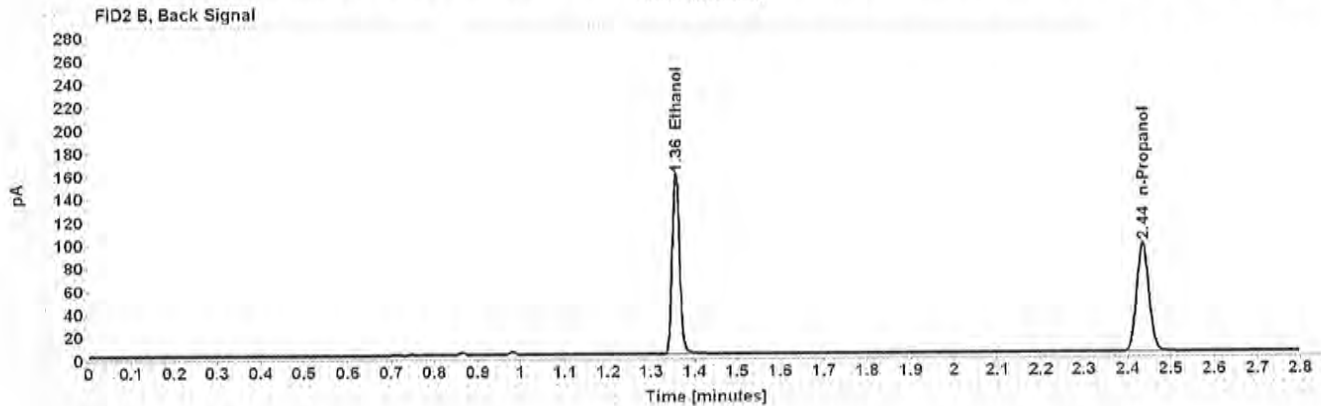
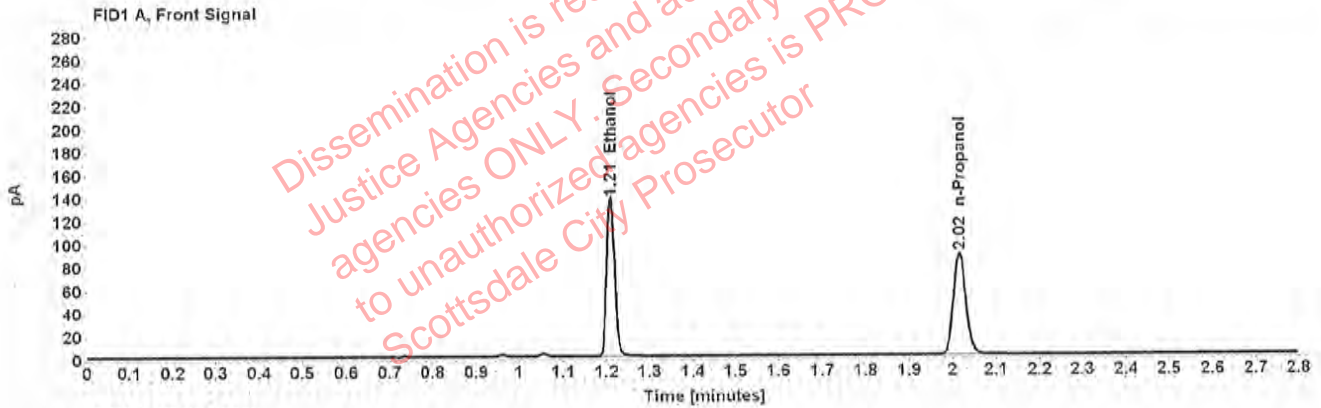


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2673	1.210	174.706
n-Propanol	-----	2.015	175.491

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

Compound	Time (min)	Peak Area
Ethanol	1.357	191.117
n-Propanol	2.435	189.932

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	390-01J.A.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:29:57 PM
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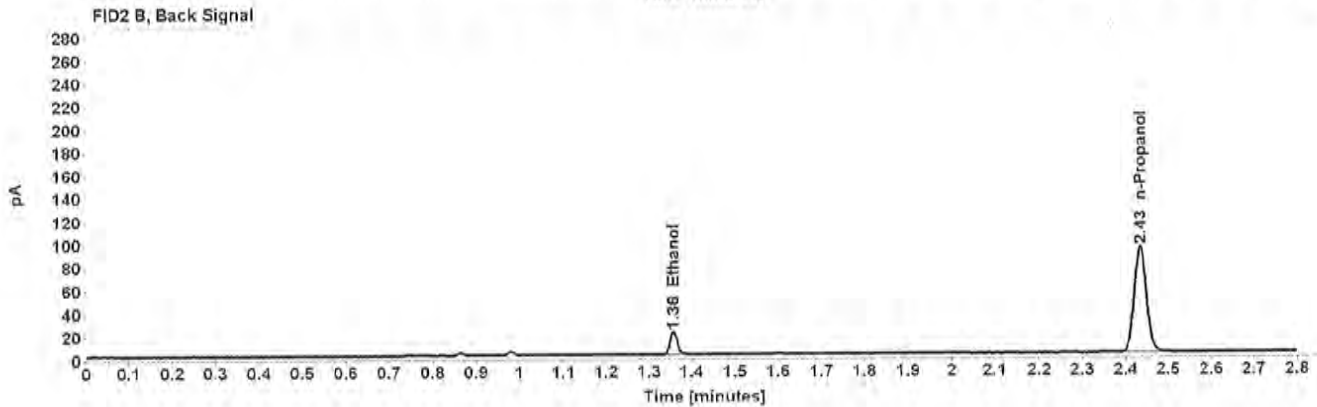
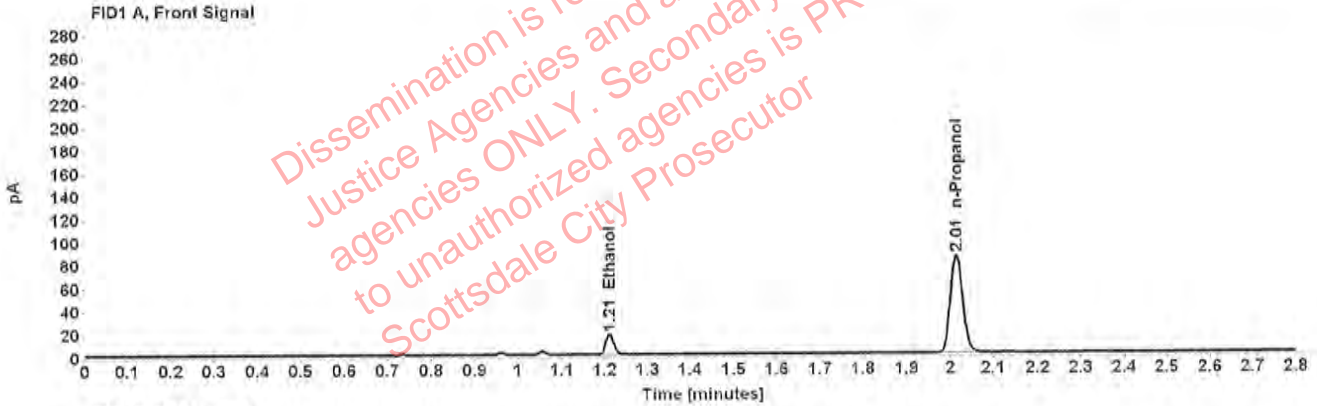


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0366	1.211	22.287
n-Propanol	-----	2.015	168.115

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

Compound	Time (min)	Peak Area
Ethanol	1.358	24.503
n-Propanol	2.434	182.647

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	390-01J.A.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:33:57 PM
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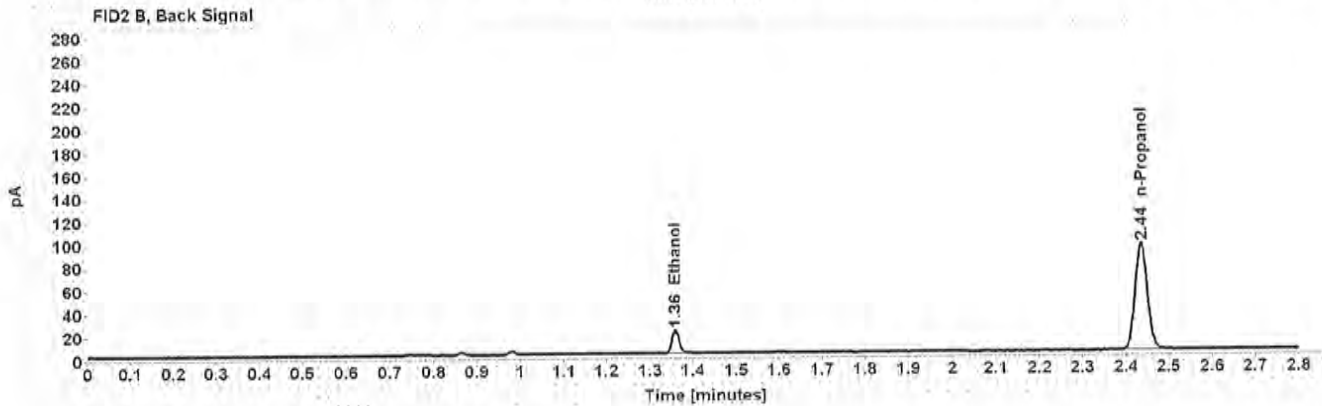
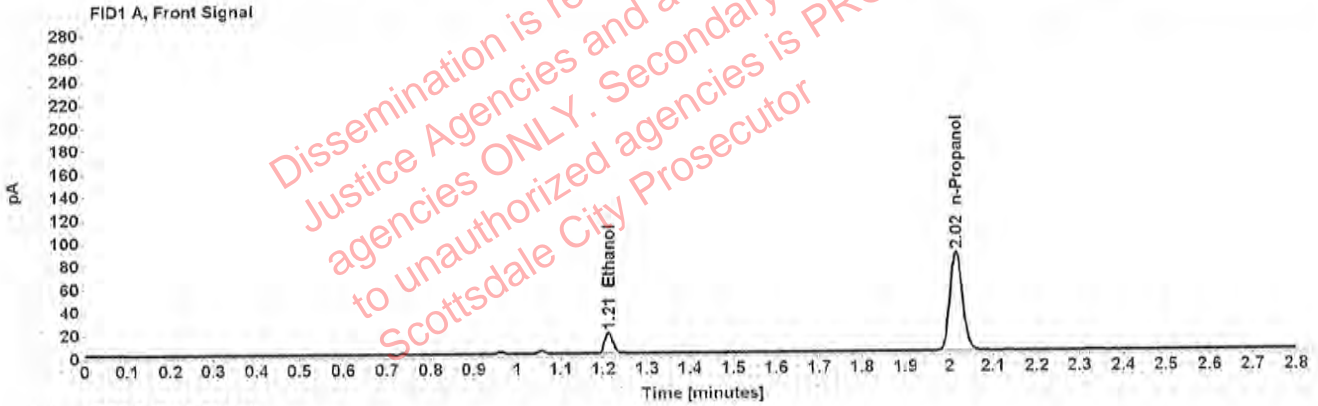


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0367	1.212	22.707
n-Propanol	-----	2.016	170.909

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

Compound	Time (min)	Peak Area
Ethanol	1.359	25.432
n-Propanol	2.436	185.677

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	420-01J.A.	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:38:13 PM
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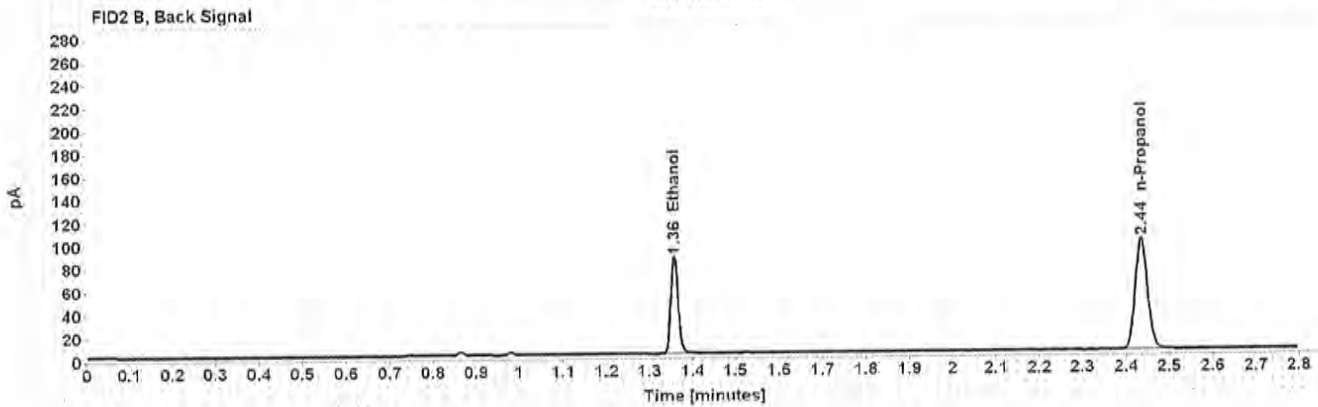
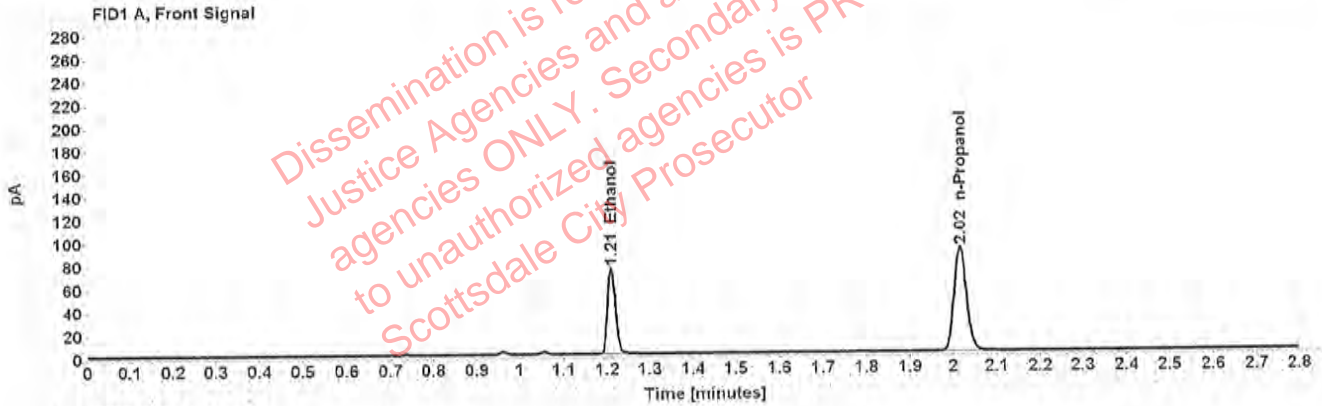


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1427	1.210	94.493
n-Propanol	-----	2.016	178.489

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

Compound	Time (min)	Peak Area
Ethanol	1.358	102.539
n-Propanol	2.436	193.393

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	420-01J.A.	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:42:13 PM
Data file:	C:\Chem32\1\Data\14Mar23\26.D	Analyst:	Canonico

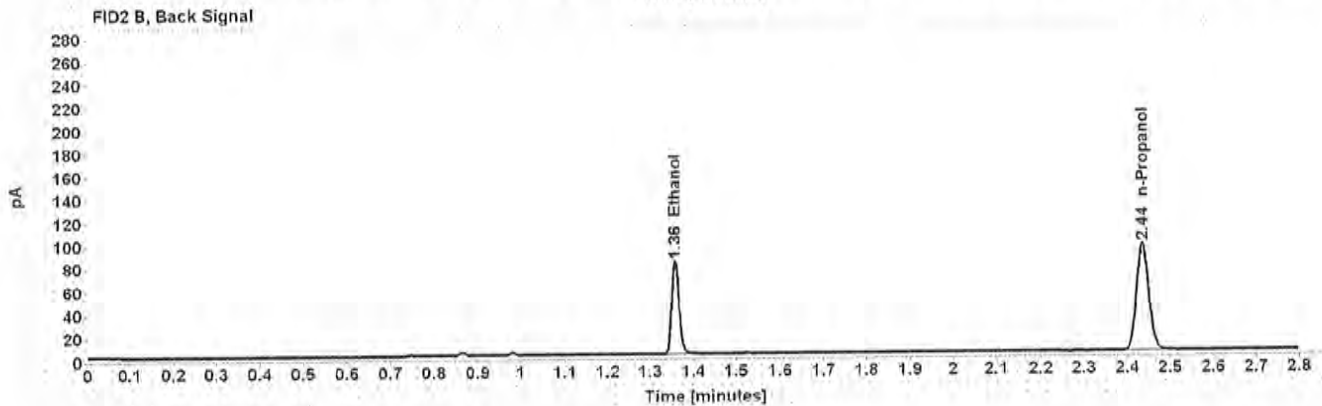
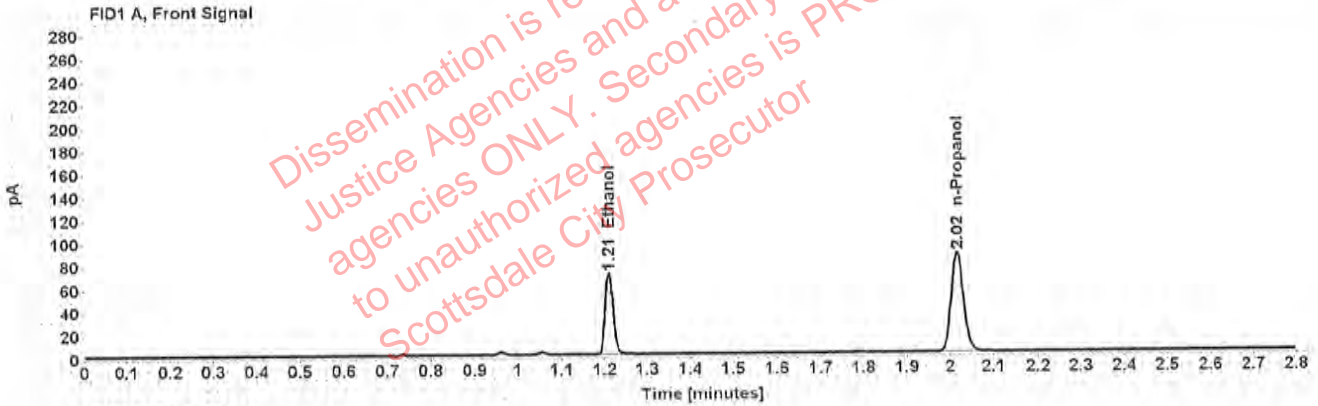


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1415	1.211	90.042
n-Propanol	-----	2.016	171.491

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

Compound	Time (min)	Peak Area
Ethanol	1.358	98.045
n-Propanol	2.436	185.672

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304659-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:46:12 PM
Data file:	C:\Chem32\1\Data\14Mar23\27.D	Analyst:	Canonico

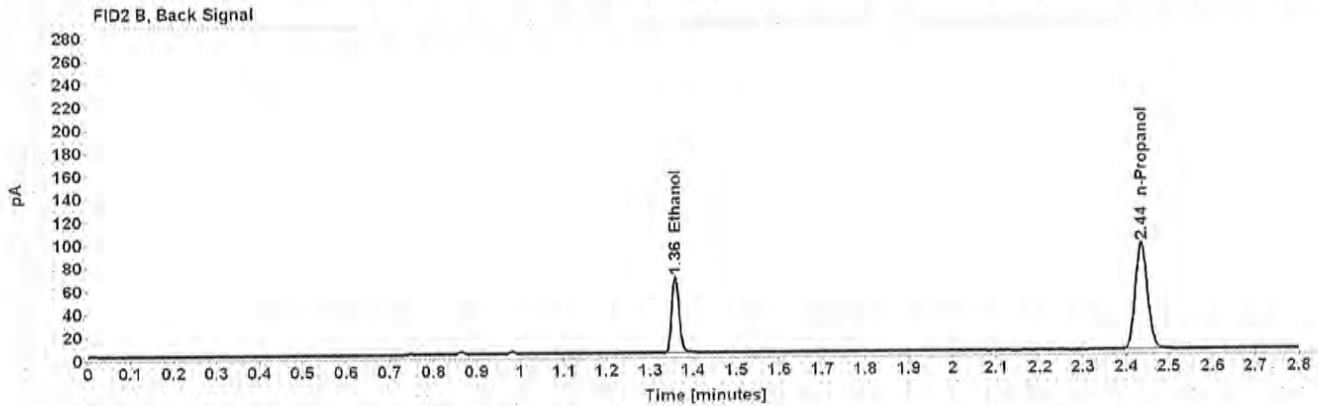
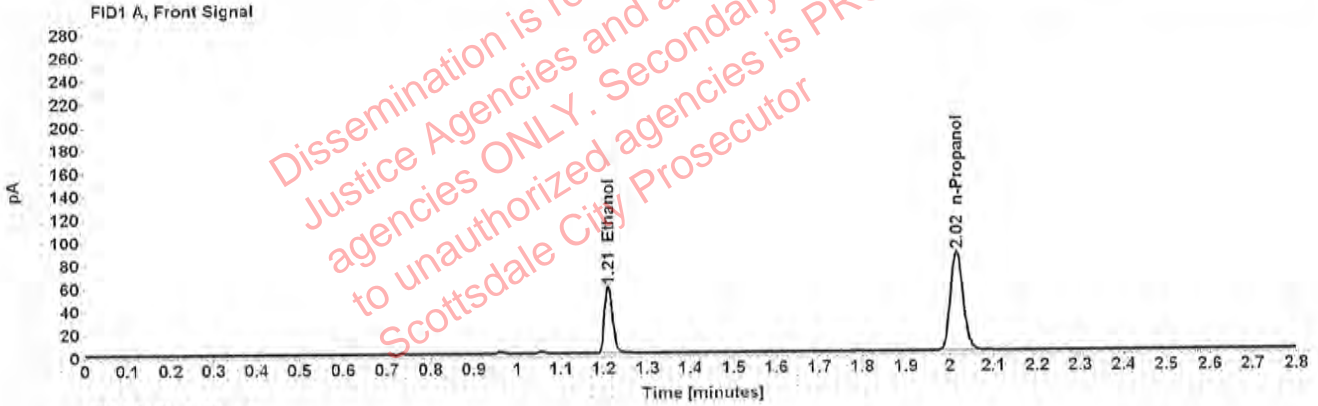


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1160	1.211	73.699
n-Propanol	-----	2.016	171.525

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

Compound	Time (min)	Peak Area
Ethanol	1.359	80.085
n-Propanol	2.436	185.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304659-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:50:12 PM
Data file:	C:\Chem32\1\Data\14Mar23\28.D	Analyst:	Canonico

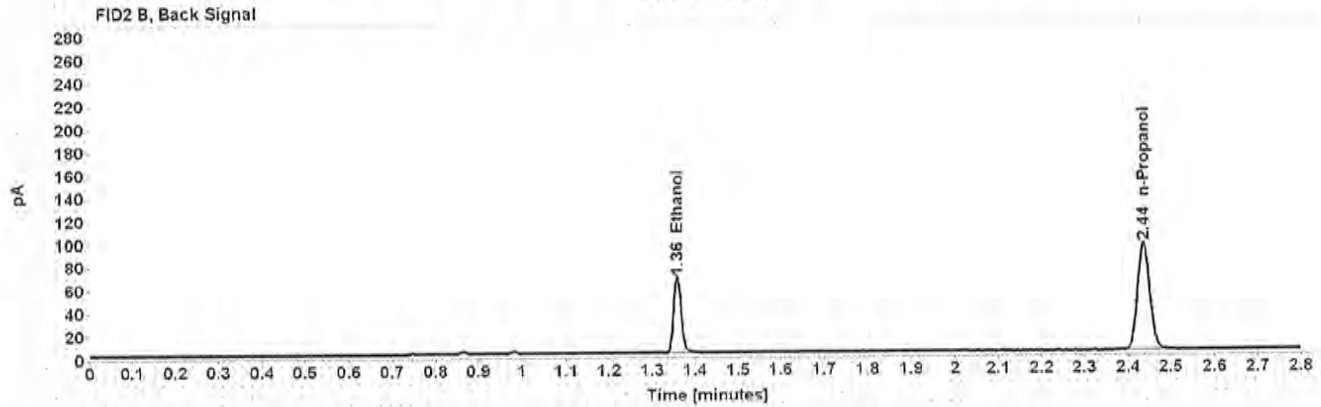
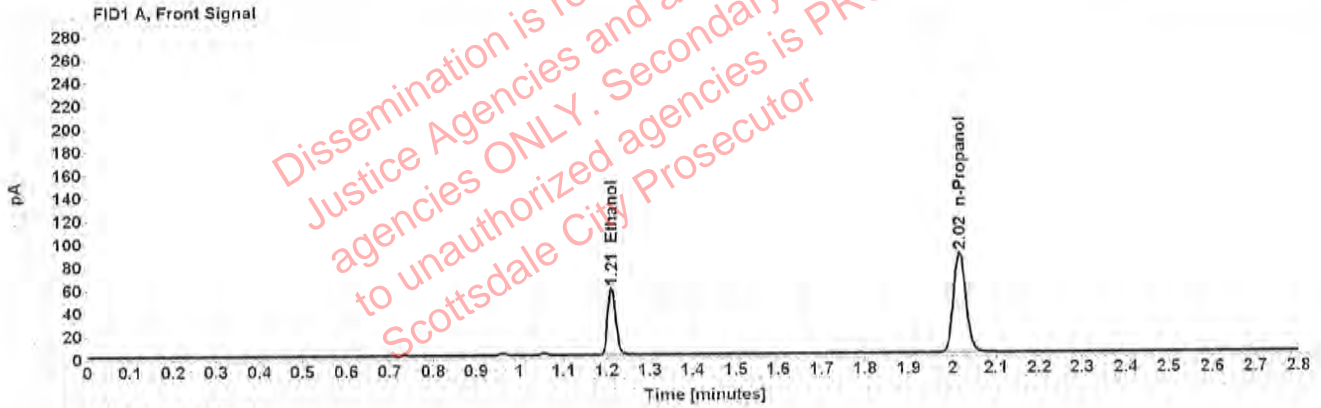


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1163	1.211	74.215
n-Propanol	-----	2.016	172.347

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

Compound	Time (min)	Peak Area
Ethanol	1.359	80.667
n-Propanol	2.436	186.398

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304743-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:54:12 PM
Data file:	C:\Chem32\1\Data\14Mar23\29.D	Analyst:	Canonico

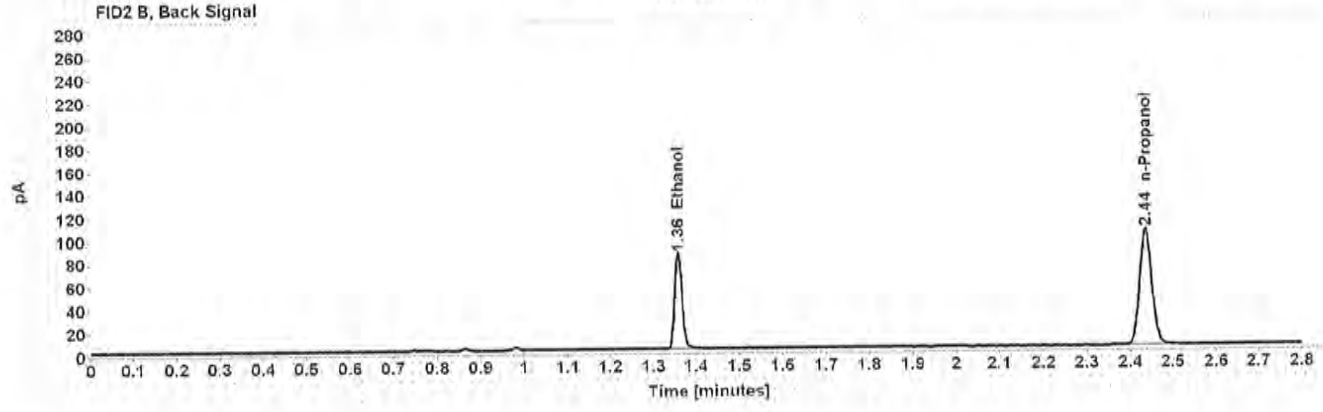
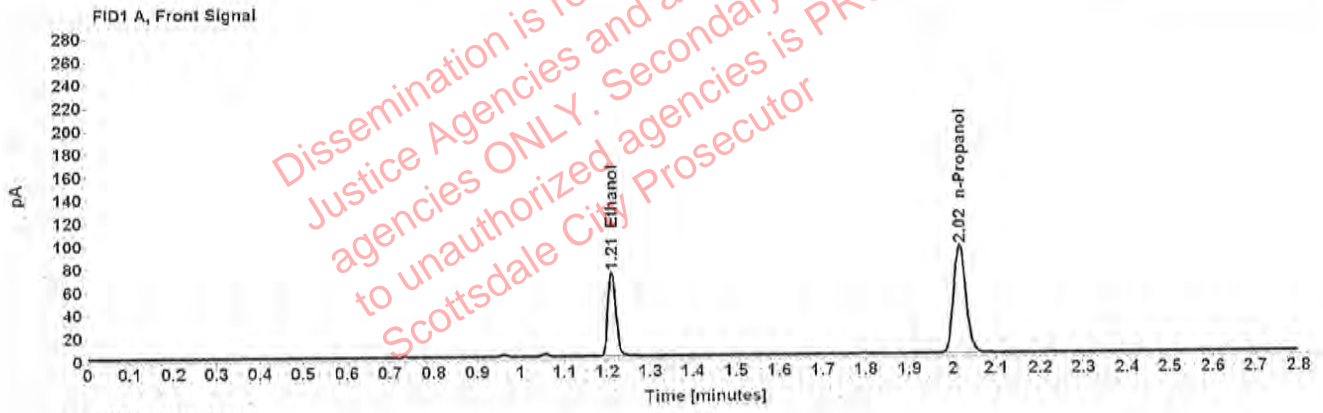


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1347	1.211	93.025
n-Propanol	-----	2.016	186.200

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

Compound	Time (min)	Peak Area
Ethanol	1.359	101.189
n-Propanol	2.436	201.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304743-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 12:58:13 PM
Data file:	C:\Chem32\1\Data\14Mar23\30.D	Analyst:	Canonico

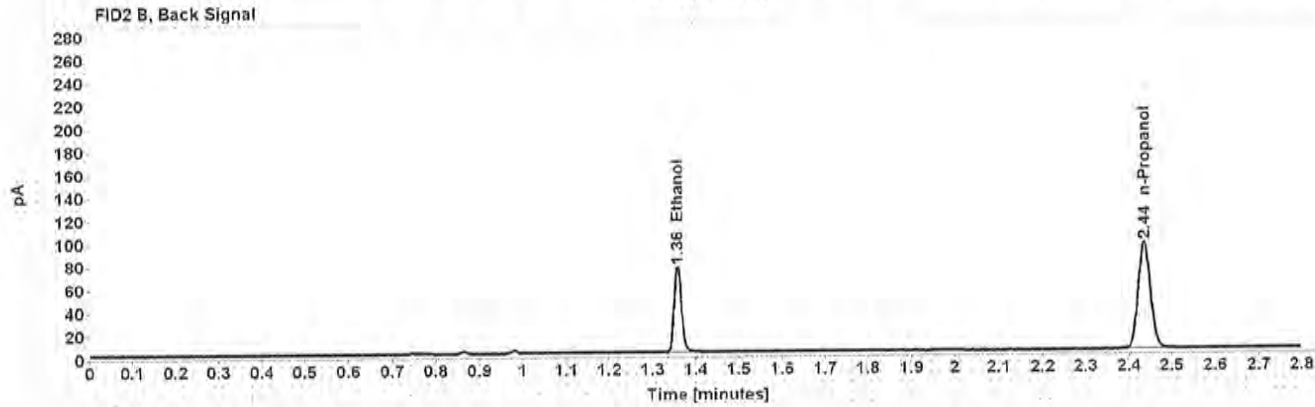
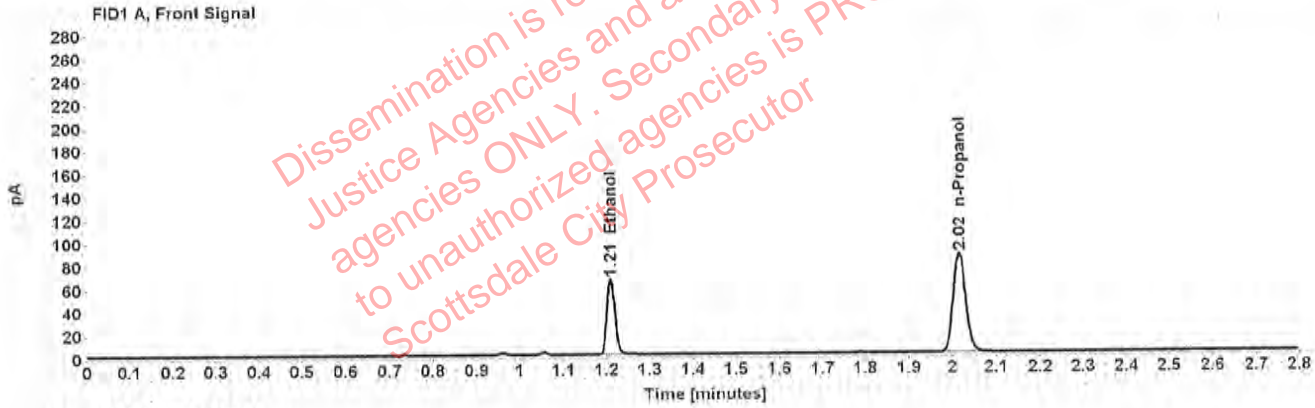


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1321	1.210	83.539
n-Propanol	-----	2.016	170.587

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

Compound	Time (min)	Peak Area
Ethanol	1.358	90.853
n-Propanol	2.436	184.312

Case: [REDACTED]: Canonico, Erika - (15-Mar-2023)

User: ecanonico 3/15/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304749-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:06:27 PM
Data file:	C:\Chem32\1\Data\14Mar23\32.D	Analyst:	Canonico

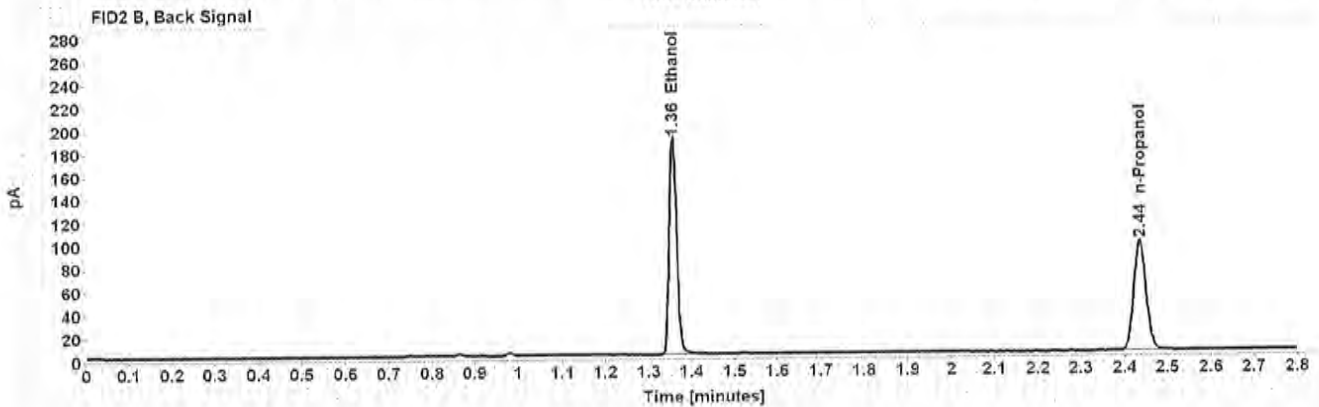
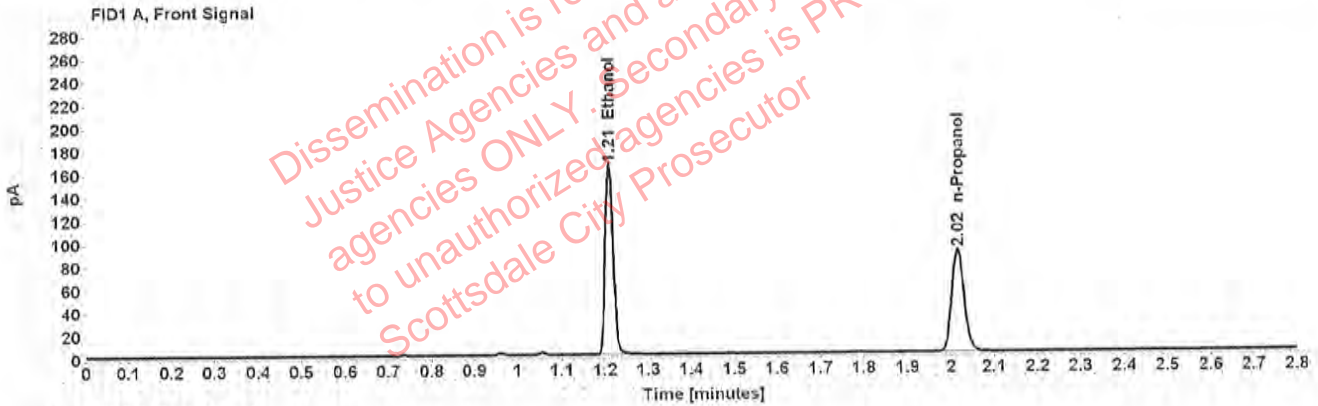


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3188	1.210	209.220
n-Propanol	-----	2.016	176.063

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

Compound	Time (min)	Peak Area
Ethanol	1.358	229.071
n-Propanol	2.436	190.252

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304749-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:10:28 PM
Data file:	C:\Chem32\1\Data\14Mar23\33.D	Analyst:	Canonico

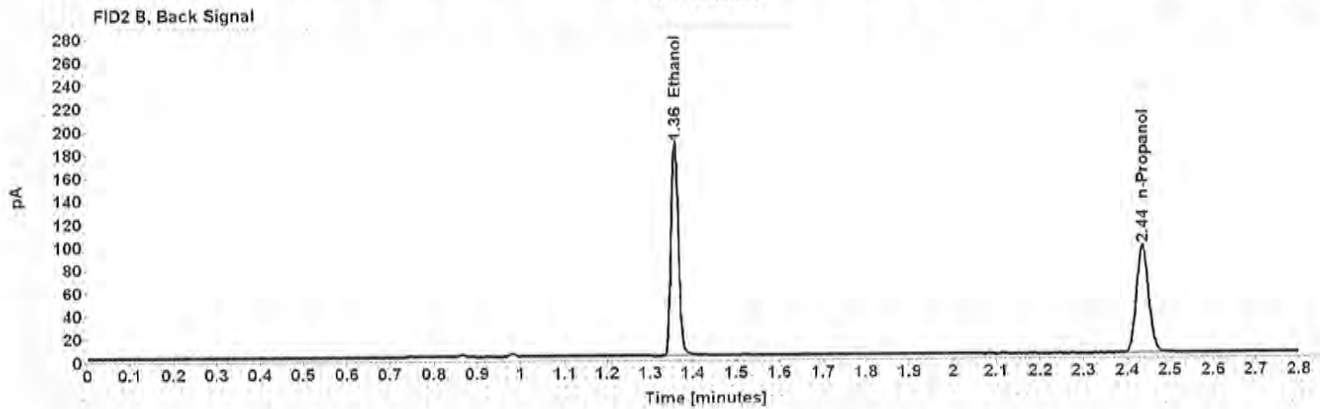
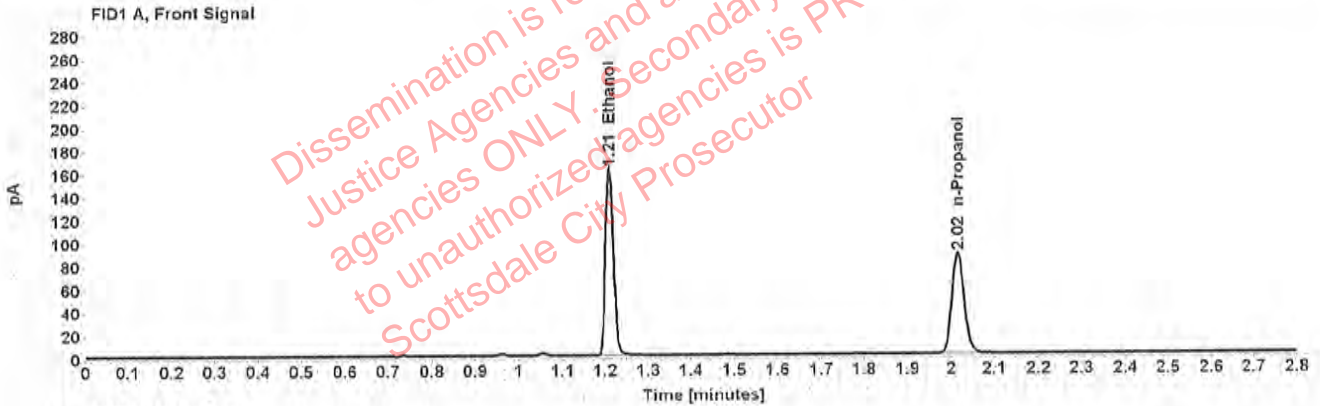


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3188	1.210	205.864
n-Propanol	-----	2.016	173.216

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

Compound	Time (min)	Peak Area
Ethanol	1.358	225.431
n-Propanol	2.436	187.187

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304785-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:14:28 PM
Data file:	C:\Chem32\1\Data\14Mar23\34.D	Analyst:	Canonico

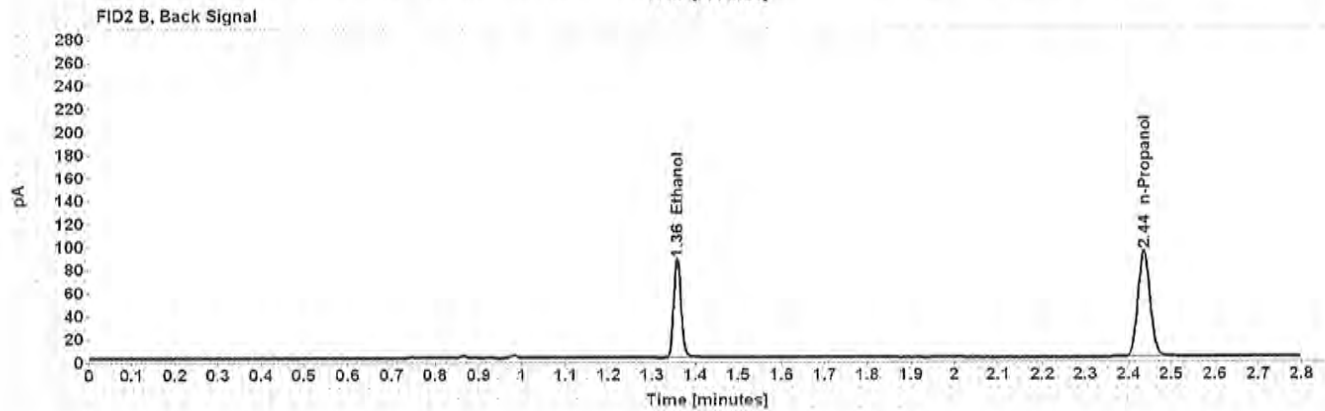
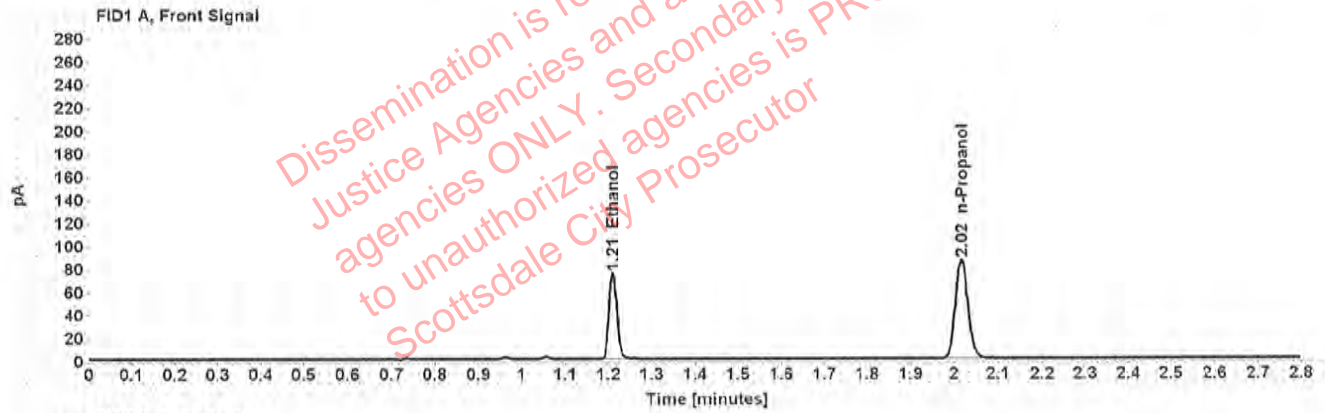


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1512	1.211	95.566
n-Propanol	-----	2.016	170.231

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

Compound	Time (min)	Peak Area
Ethanol	1.358	103.925
n-Propanol	2.436	184.170

Case: [REDACTED]: Canonico, Erika - (15-Mar-2023)

User: ecanonico 3/15/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304785-1	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:18:28 PM
Data file:	C:\Chem32\1\Data\14Mar23\35.D	Analyst:	Canonico

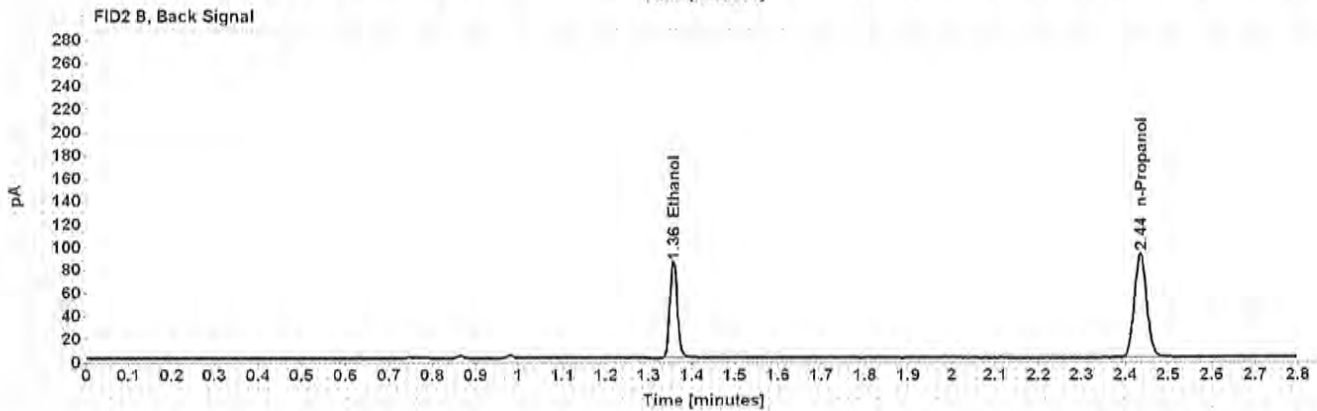
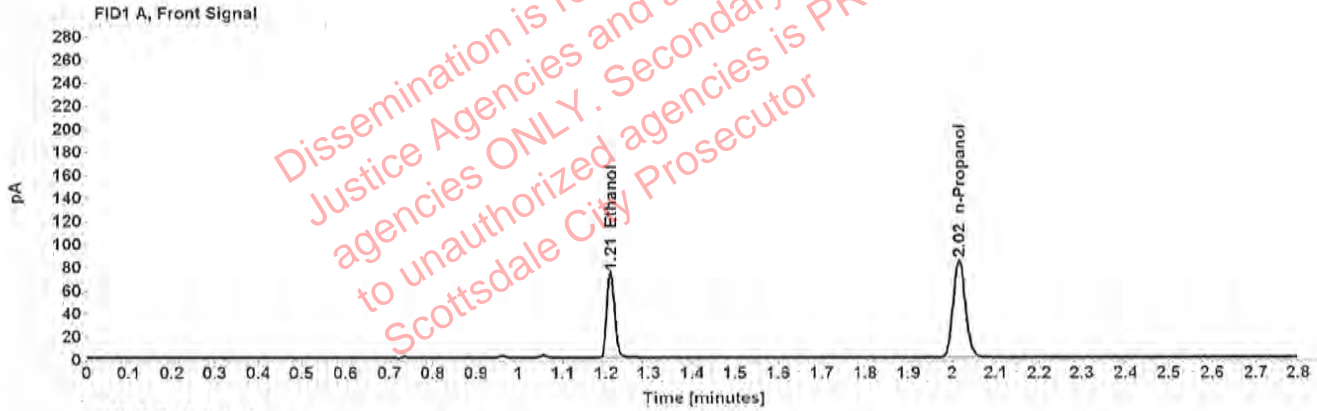


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1504	1.210	93.884
n-Propanol	-----	2.015	168.163

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

Compound	Time (min)	Peak Area
Ethanol	1.357	102.268
n-Propanol	2.435	181.943

Canonico, Erika - (15-Mar-2023)

Case: [REDACTED] User: ecanonico 3/15/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304809-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:22:28 PM
Data file:	C:\Chem32\1\Data\14Mar23\36.D	Analyst:	Canonico

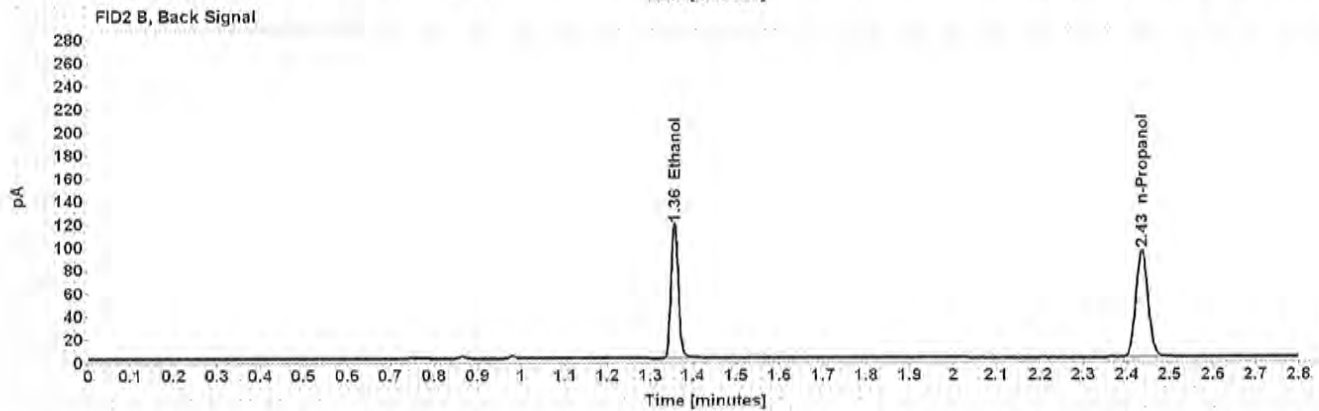
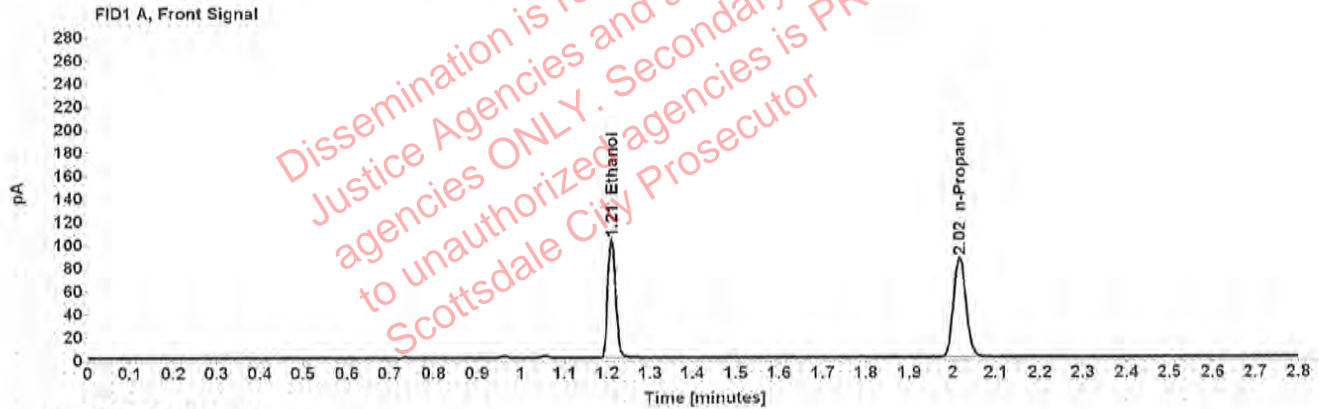


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2038	1.210	130.291
n-Propanol	-----	2.015	171.851

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

Compound	Time (min)	Peak Area
Ethanol	1.357	142.098
n-Propanol	2.435	186.008

Canonico, Erika - (15-Mar-2023)

Case: [REDACTED] User: ecanonico 3/15/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304809-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:26:43 PM
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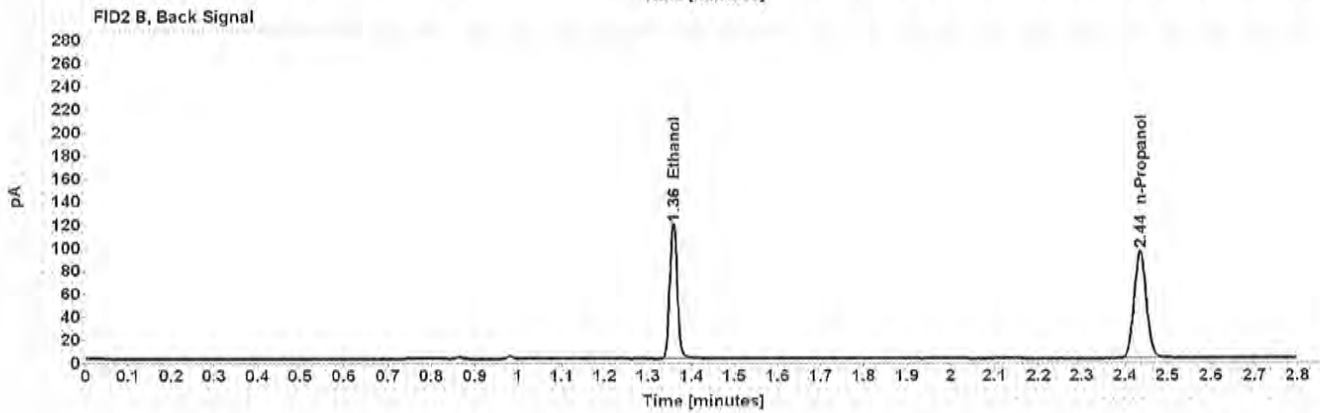
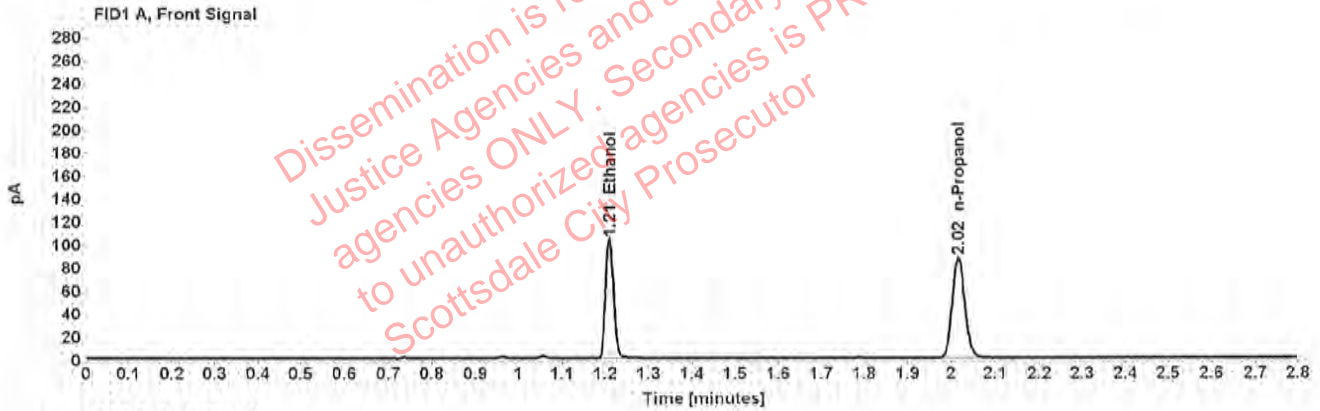


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2045	1.210	131.647
n-Propanol	-----	2.016	173.051

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

Compound	Time (min)	Peak Area
Ethanol	1.358	143.983
n-Propanol	2.435	187.288

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304819-3	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:30:43 PM
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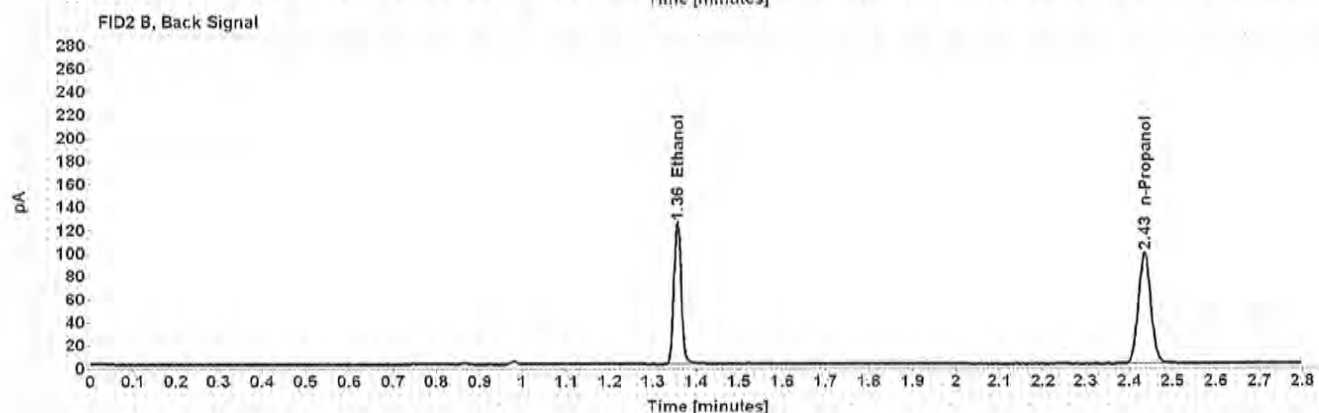
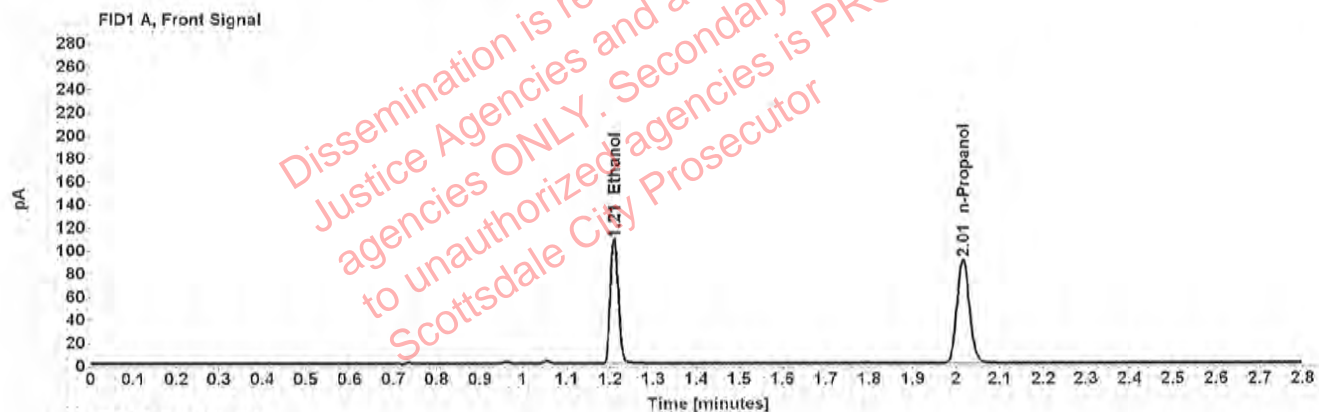


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2063	1.209	137.259
n-Propanol	---	2.015	178.875

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

Compound	Time (min)	Peak Area
Ethanol	1.356	150.232
n-Propanol	2.434	193.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304819-3	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:34:42 PM
Data file:	C:\Chem32\1\Data\14Mar23\39.D	Analyst:	Canonico

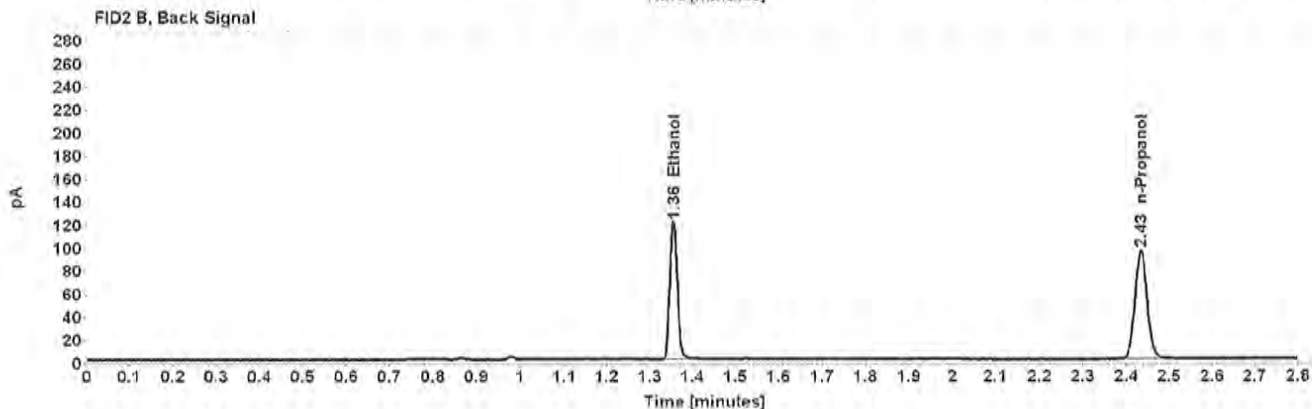
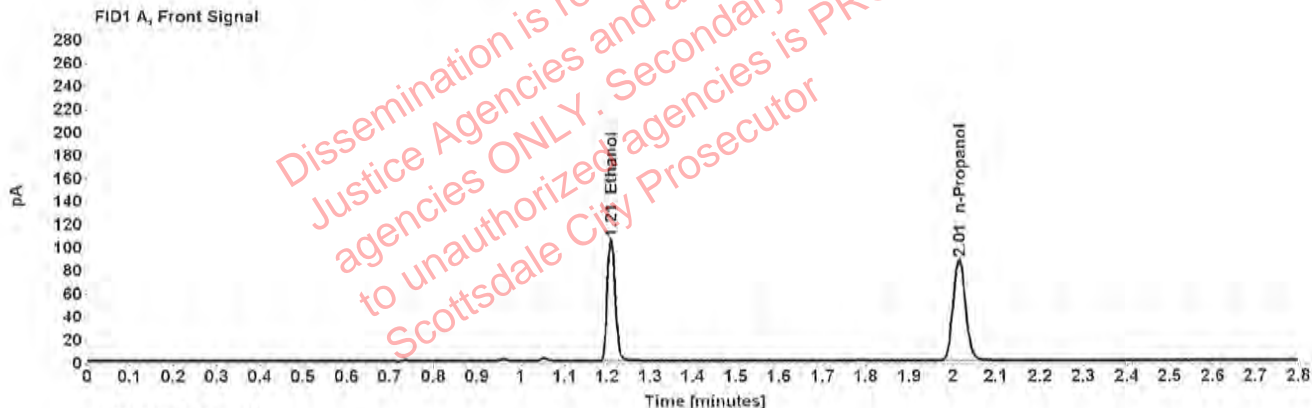


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2063	1.209	133.654
n-Propanol	-----	2.014	174.167

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

Compound	Time (min)	Peak Area
Ethanol	1.355	145.946
n-Propanol	2.434	188.630

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1434607	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:38:42 PM
Data file:	C:\Chem32\1\Data\14Mar23\40.D	Analyst:	Canonico

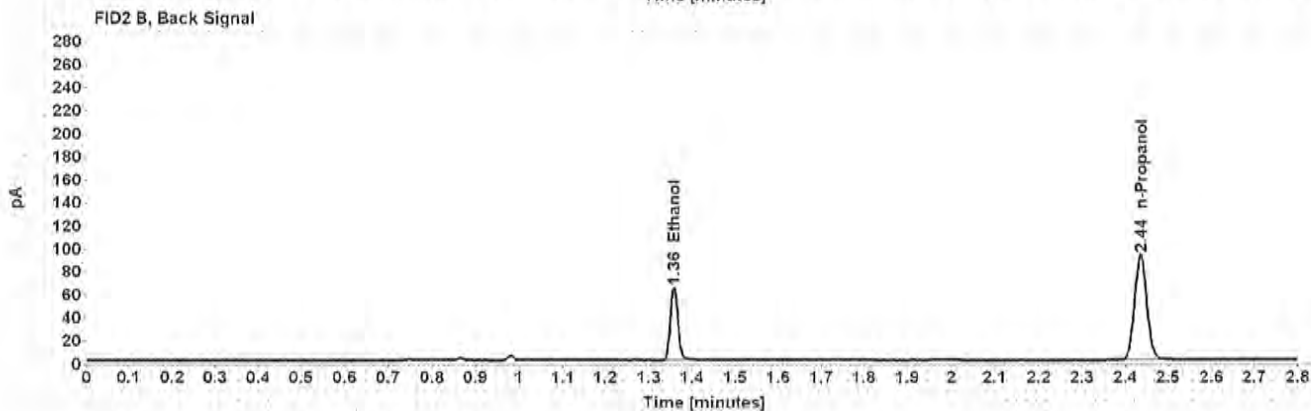
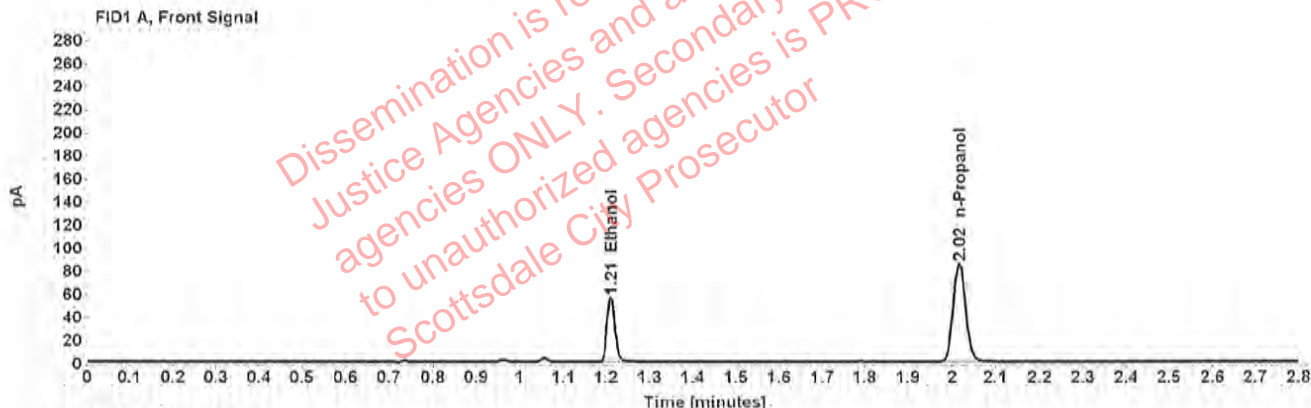


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1147	1.211	71.741
n-Propanol	-----	2.016	168.911

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

Compound	Time (min)	Peak Area
Ethanol	1.358	77.927
n-Propanol	2.435	183.130

[REDACTED] : Canonico, Erika - (15-Mar-2023)

Case: [REDACTED] User: ecanonico 3/15/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1434607	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/14/2023 1:42:43 PM
Data file:	C:\Chem32\1\Data\14Mar23\41.D	Analyst:	Canonico

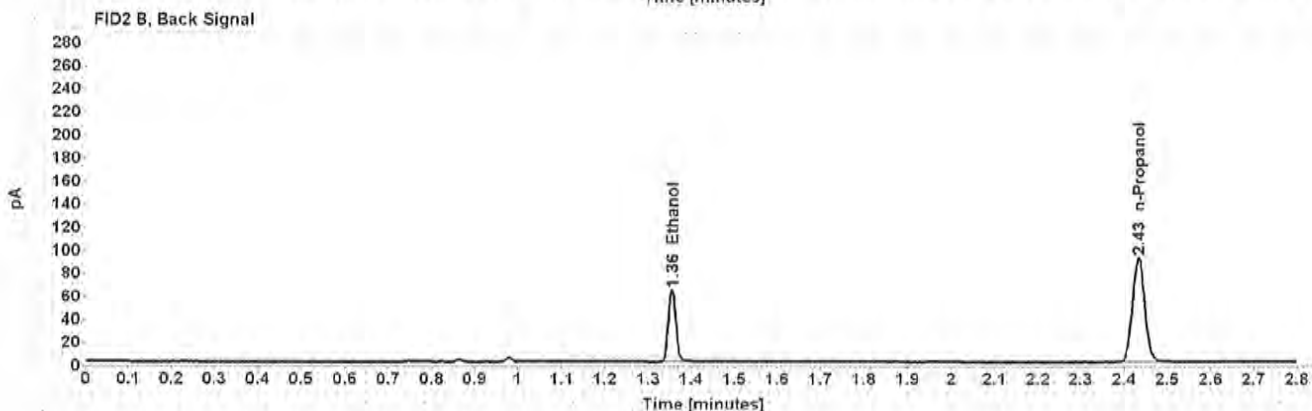
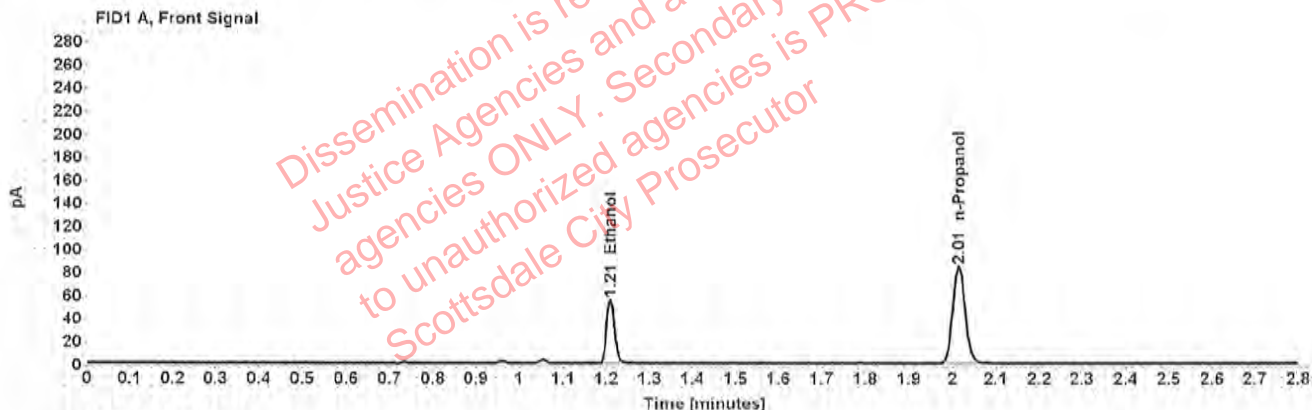


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1135	1.209	70.356
n-Propanol	-----	2.014	167.442

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

Compound	Time (min)	Peak Area
Ethanol	1.355	76.477
n-Propanol	2.433	181.896