

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 2/12/20 SEQUENCE NAME 12Feb20

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN02271802 0.99995
 Vial 3 0.20 calibrator Lot FN06231704
 Vial 4 0.40 calibrator Lot FN05131606

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 121219
6	Volatiles mix	6 compounds	6 compounds	SPD lab 070819
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.150 g/dL	0.154 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
45	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 11092018-A
46	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
47	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
48	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 16 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid *Phaedra* Run valid *Erika Canonica*
 Run invalid Analyst Run invalid Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

FB

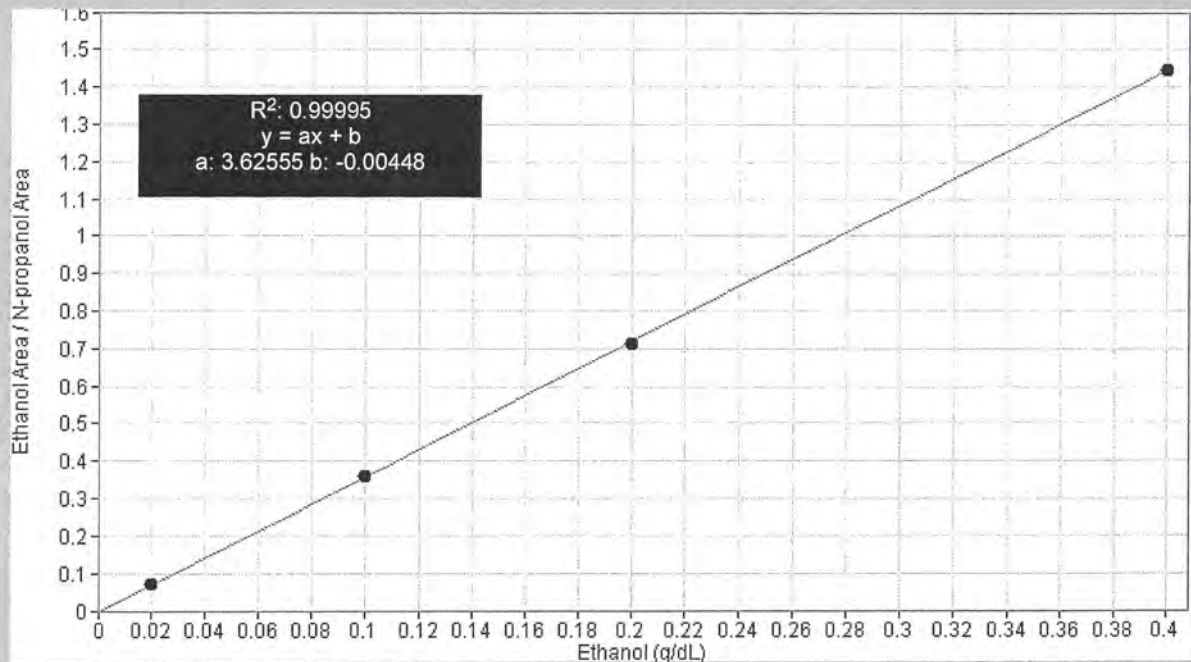
SEQUENCE NAME: 12Feb20

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 121219	5	negative	negative	-	-
0.400 11092018-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.199	0.198	0.51	0.001
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.150 09022015-C	31	0.154	0.150	2.67	0.004
0.198 407041529/13	42	0.198	0.198	0.00	0.000
0.400 11092018-A	45	0.400	0.400	0.00	0.000
0.040 14082019-B	46	0.040	0.040	0.00	0.000
0.198 407041529/13	47	0.201	0.198	1.52	0.003
blank 040919WB	48	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.722	178.712	0.071
0.100	61.338	171.369	0.358
0.200	121.808	170.398	0.715
0.400	243.064	167.803	1.449

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.020 FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 12Feb20
Method: ethanol quant.M	Injection date: 2/12/2020 10:28:36 AM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>AB</i>
Data file: C:\Chem32\1\Data\12Feb20\1.D	

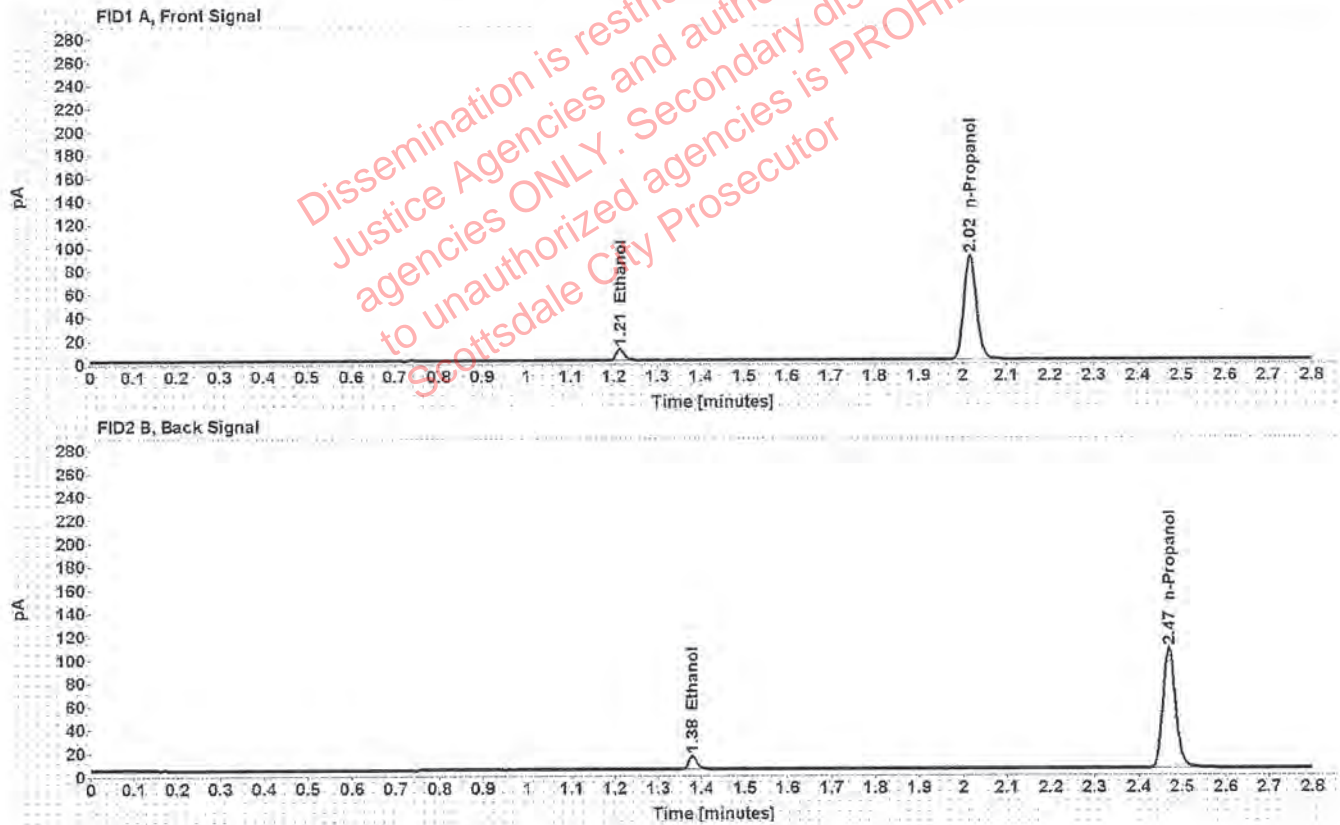


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	12.722
n-Propanol	2.017	178.712

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

Compound	Time (min)	Peak Area
Ethanol	1.379	15.411
n-Propanol	2.470	211.959

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 12Feb20
Method: ethanol quant.M	Injection date: 2/12/2020 10:32:35 AM
Instrument: US14173023 CN14160045	Analyst: Brooke YB
Data file: C:\Chem32\1\Data\12Feb20\2.D	

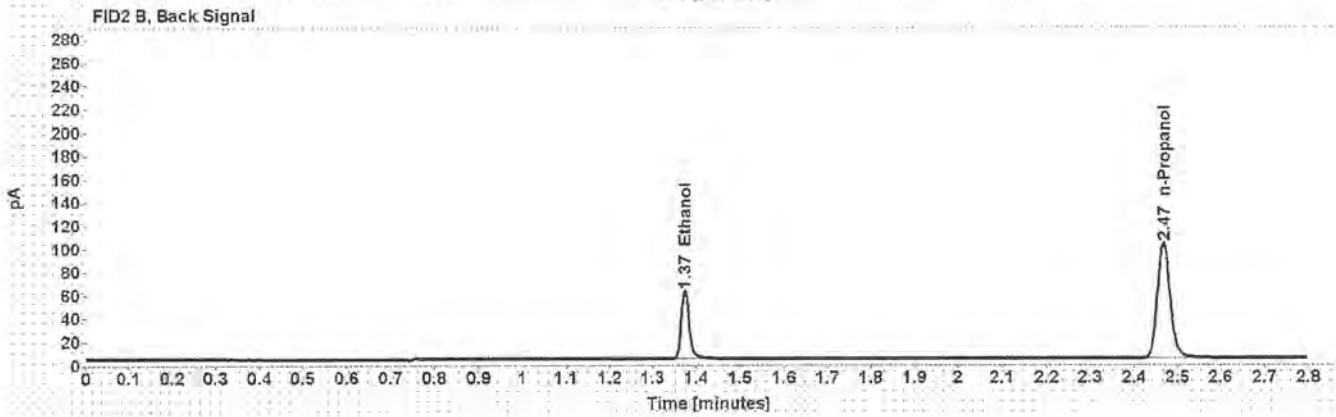
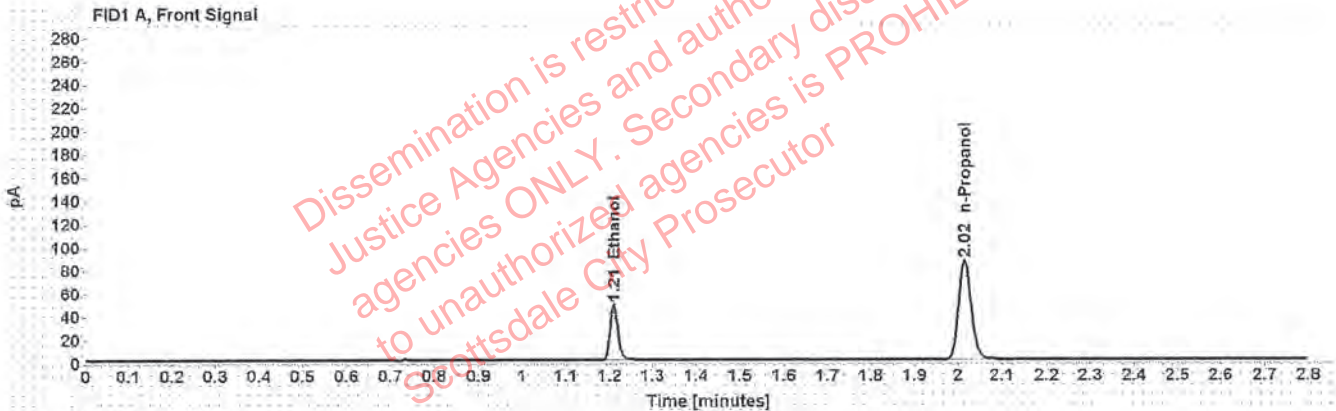


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.338
n-Propanol	2.015	171.369

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

Compound	Time (min)	Peak Area
Ethanol	1.375	75.003
n-Propanol	2.468	204.147

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 12Feb20
Method: ethanol quant.M	Injection date: 2/12/2020 10:36:36 AM
Instrument: US14173023 CN14160045	Analyst: Brooke AB
Data file: C:\Chem32\1\Data\12Feb20\3.D	

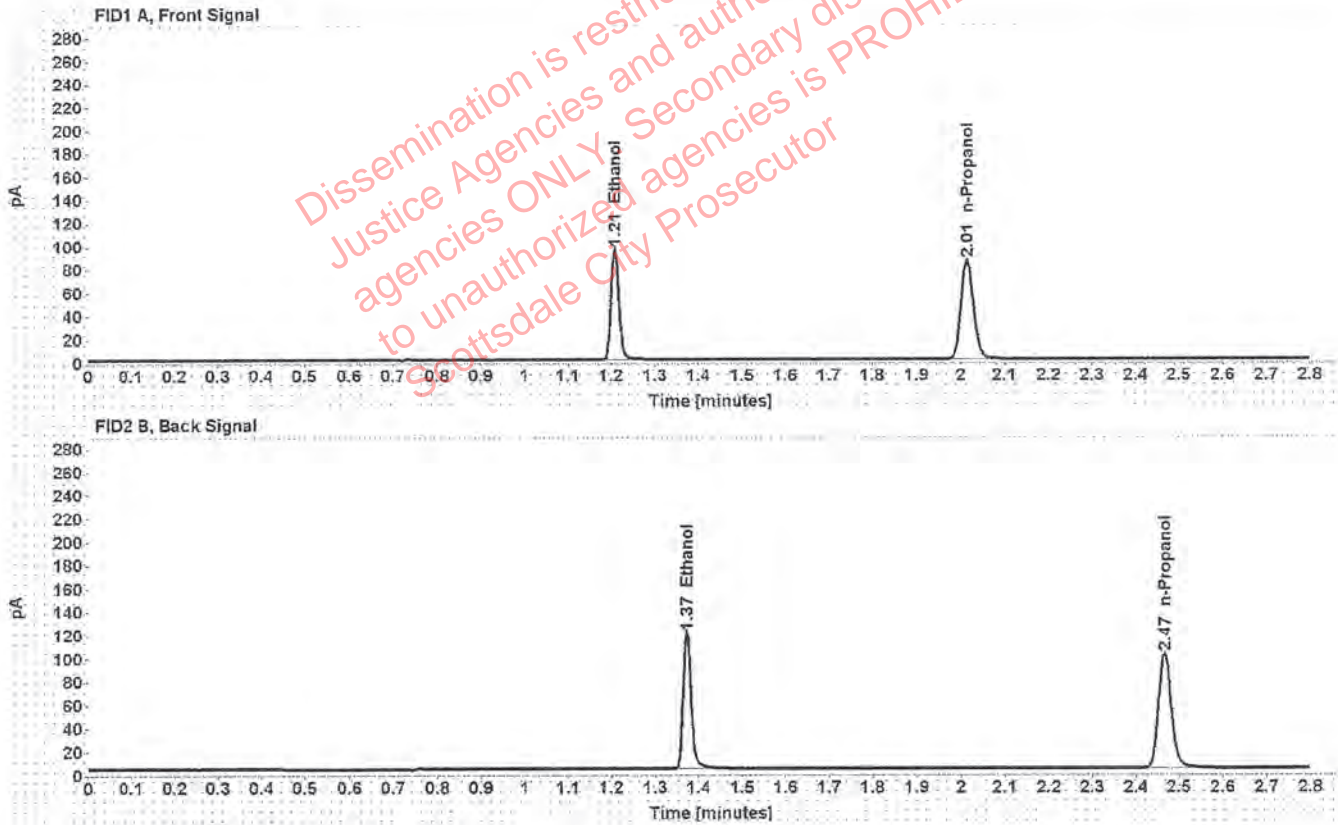


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	121.808
n-Propanol	2.014	170.398

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

Compound	Time (min)	Peak Area
Ethanol	1.373	149.489
n-Propanol	2.467	203.676

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 12Feb20
Method: ethanol quant.M	Injection date: 2/12/2020 10:40:35 AM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>MB</i>
Data file: C:\Chem32\1\Data\12Feb2014.D	

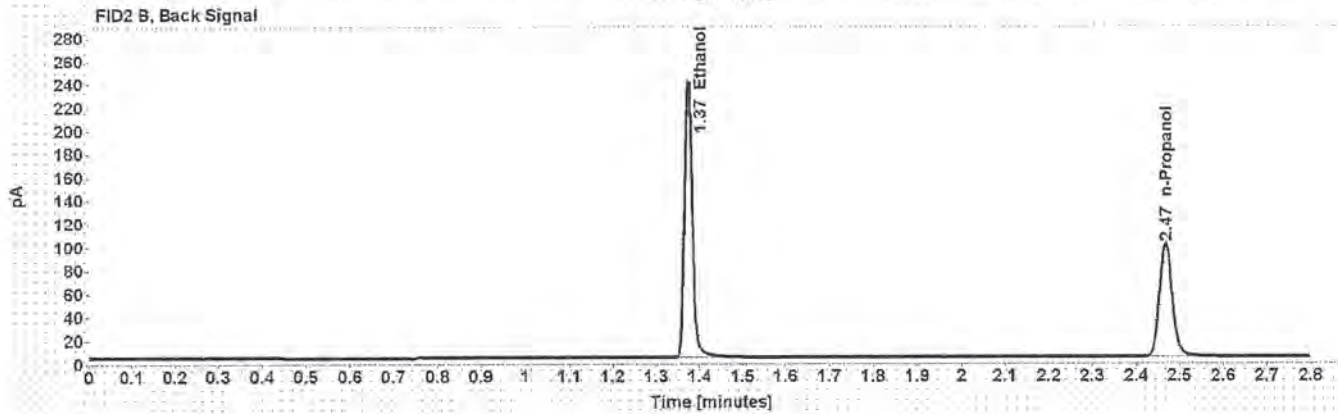
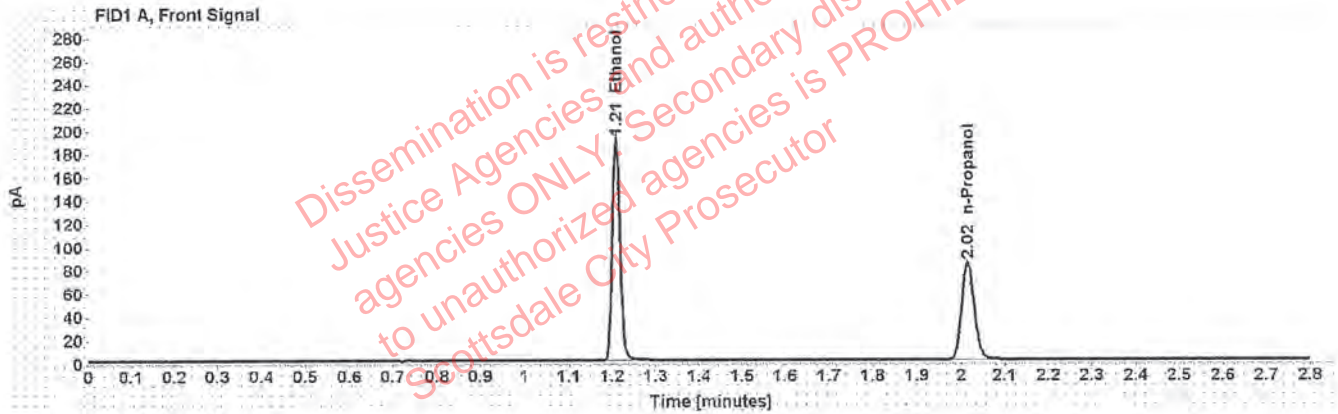


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	243.064
n-Propanol	2.015	167.803

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

Compound	Time (min)	Peak Area
Ethanol	1.374	300.398
n-Propanol	2.468	200.775

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 121219	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 10:44:35 AM
Data file: C:\Chem32\1\Data\12Feb20\5.D	Analyst: Brooke <i>AB</i>

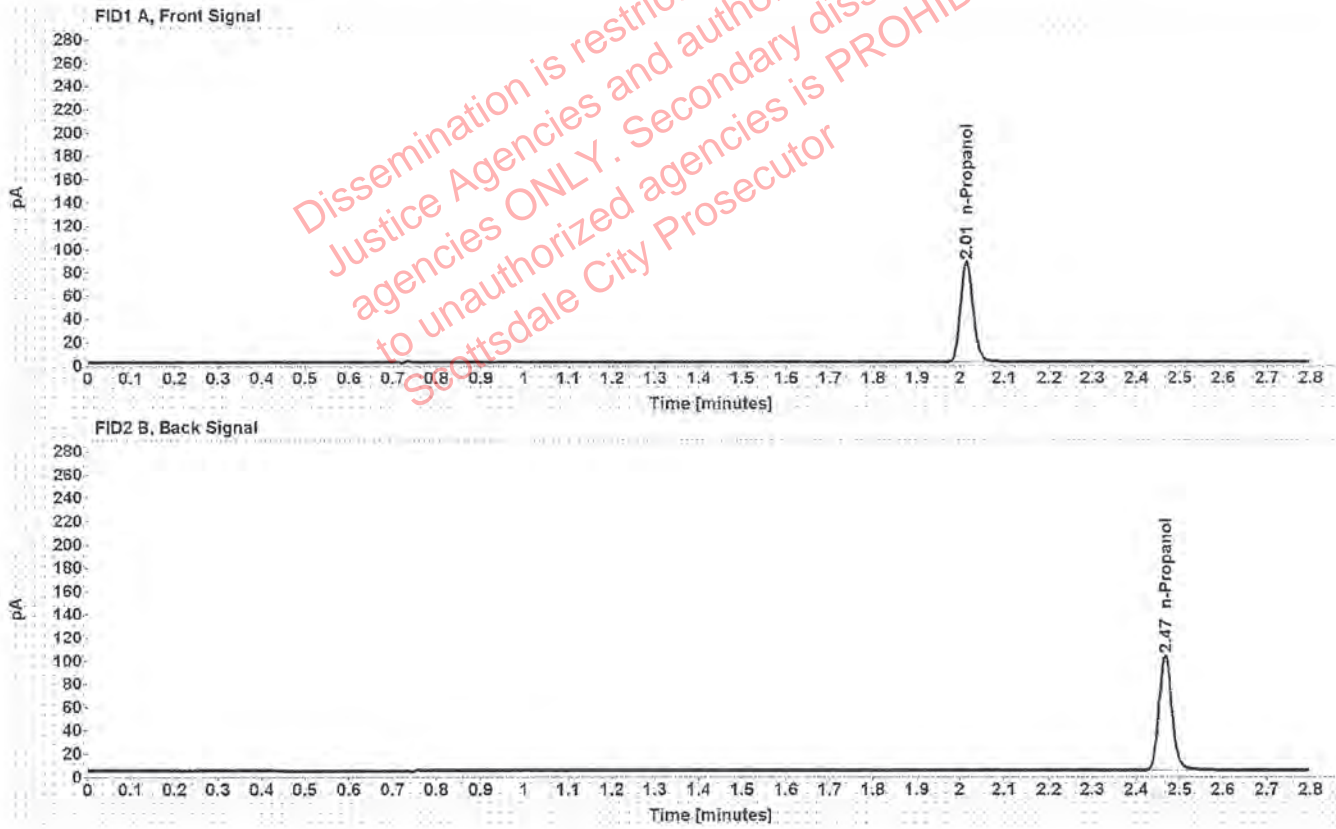


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	172.466

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	205.587

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 10:48:36 AM
Data file: C:\Chem32\11\Data\12Feb20\6.D	Analyst: Brooke V

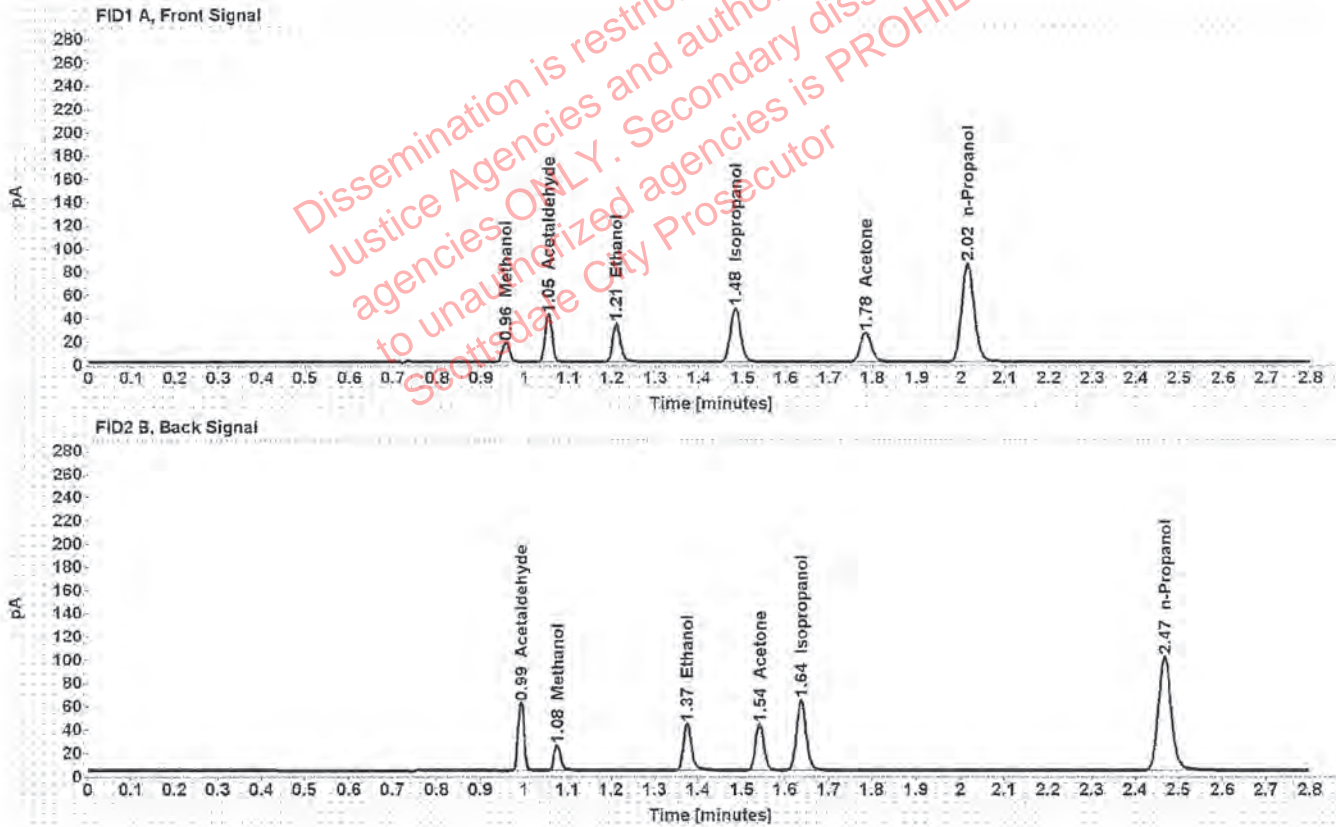


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	18.842
Acetaldehyde	-----	1.054	44.691
>Ethanol	0.0707	1.210	42.640
Isopropanol	-----	1.483	74.388
Acetone	-----	1.784	43.739
n-Propanol	-----	2.015	169.249

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	57.796
Methanol	1.076	23.789
Ethanol	1.375	51.627
Acetone	1.541	52.596
Isopropanol	1.636	92.790
n-Propanol	2.468	202.772

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 10:52:50 AM
Data file: C:\Chem32\1\Data\12Feb20\7.D	Analyst: Brooke H

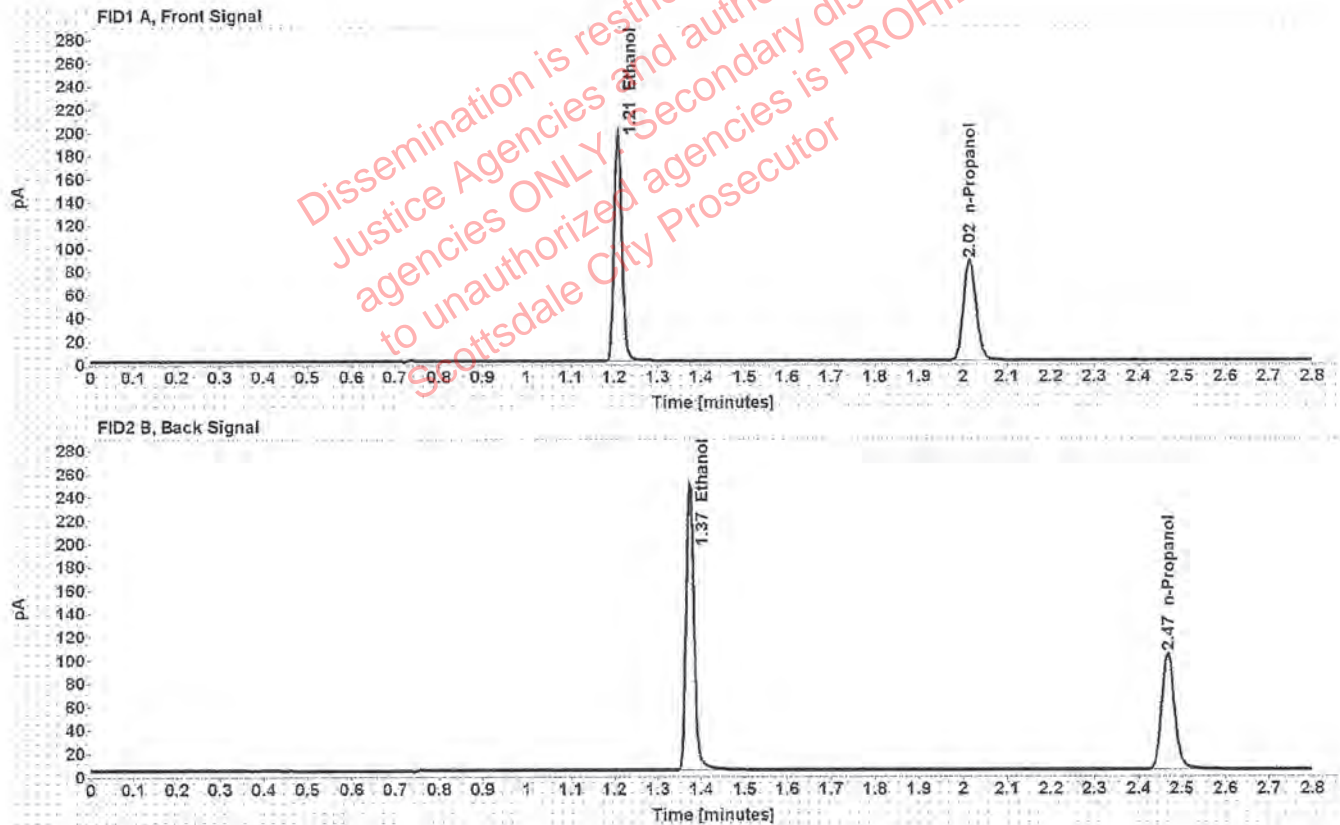


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4003	1.208	250.572
n-Propanol	-----	2.015	173.168

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

Compound	Time (min)	Peak Area
Ethanol	1.374	308.916
n-Propanol	2.468	207.220

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 10:56:50 AM
Data file: C:\Chem32\1\Data\12Feb20\8.D	Analyst: Brooke <i>AB</i>

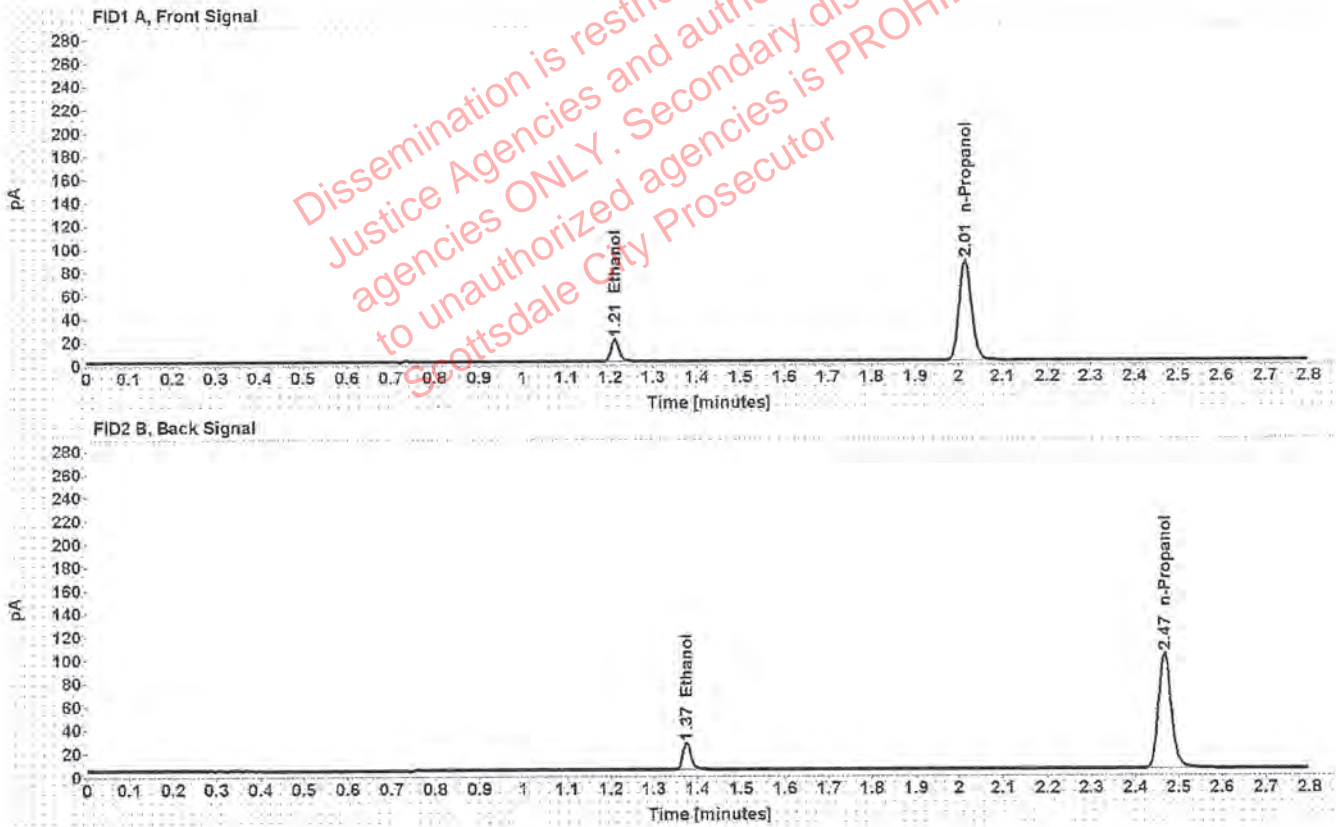


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.211	24.531
n-Propanol	-----	2.015	172.098

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.505
n-Propanol	2.467	205.342

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 11:00:51 AM
Data file: C:\Chem32\1\Data\12Feb20\9.D	Analyst: Brooke <i>YB</i>

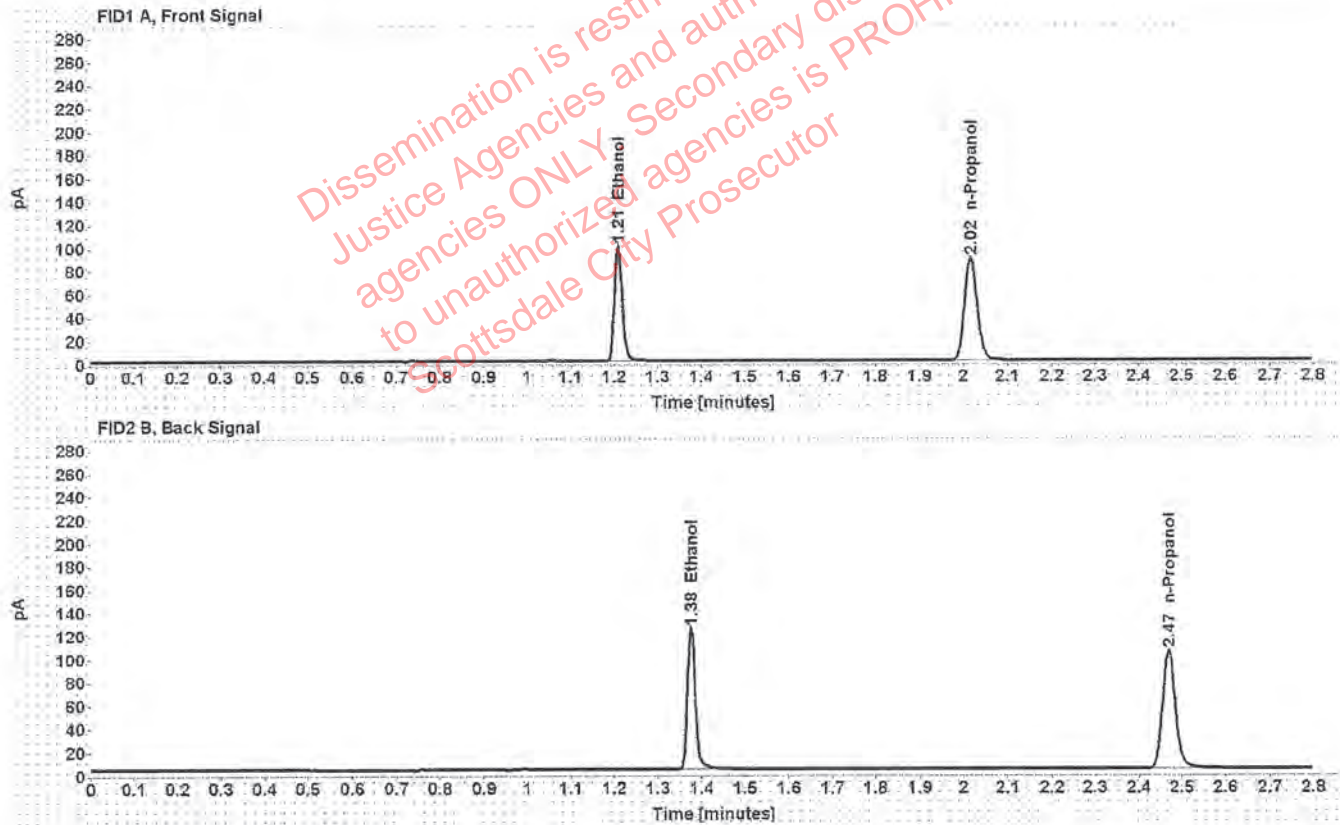


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1994	1.210	127.000
n-Propanol	-----	2.016	176.801

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

Compound	Time (min)	Peak Area
Ethanol	1.375	155.336
n-Propanol	2.469	211.531

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 11:45:21 AM
Data file: C:\Chem32\11\Data\12Feb20\20.D	Analyst: Brooke Y

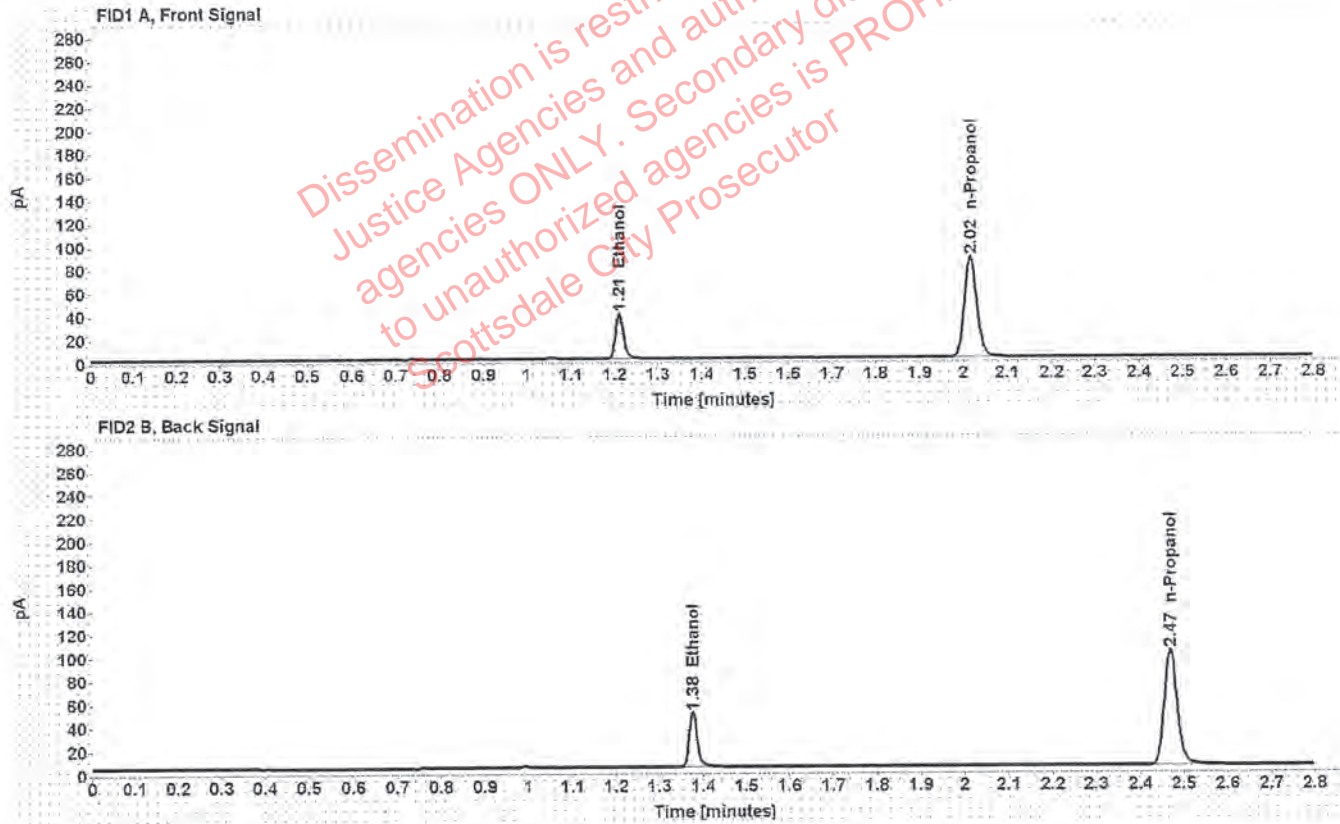


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.211	49.753
n-Propanol	-----	2.016	172.333

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

Compound	Time (min)	Peak Area
Ethanol	1.376	60.265
n-Propanol	2.469	205.017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-C	Vial: 31
Description: 0.150	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 12:29:50 PM
Data file: C:\Chem32\1\Data\12Feb20\31.D	Analyst: Brooke YR

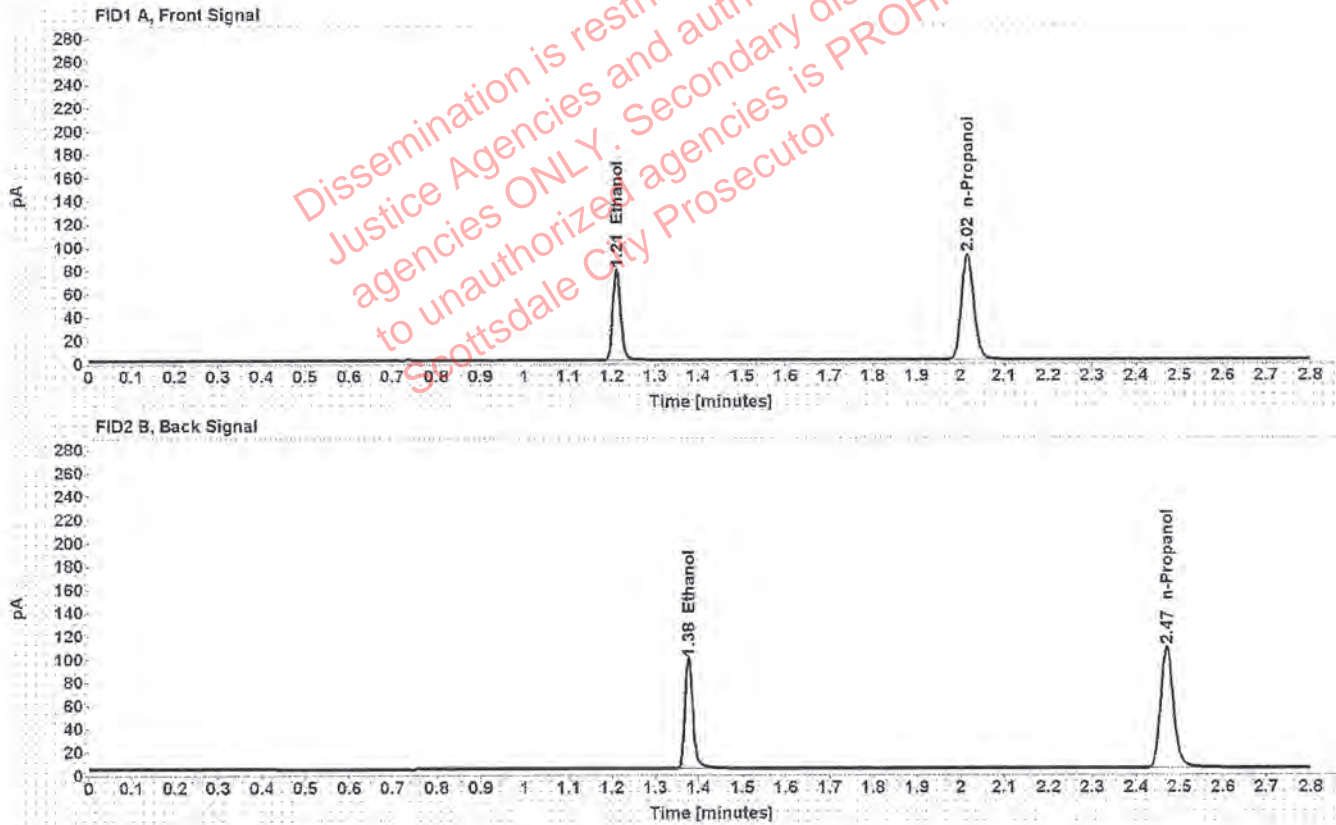


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1540	1.211	100.319
n-Propanol	-----	2.017	181.096

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

Compound	Time (min)	Peak Area
Ethanol	1.377	122.301
n-Propanol	2.470	216.114

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 42
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 1:14:06 PM
Data file: C:\Chem32\1\Data\12Feb20\42.D	Analyst: Brooke <i>KB</i>

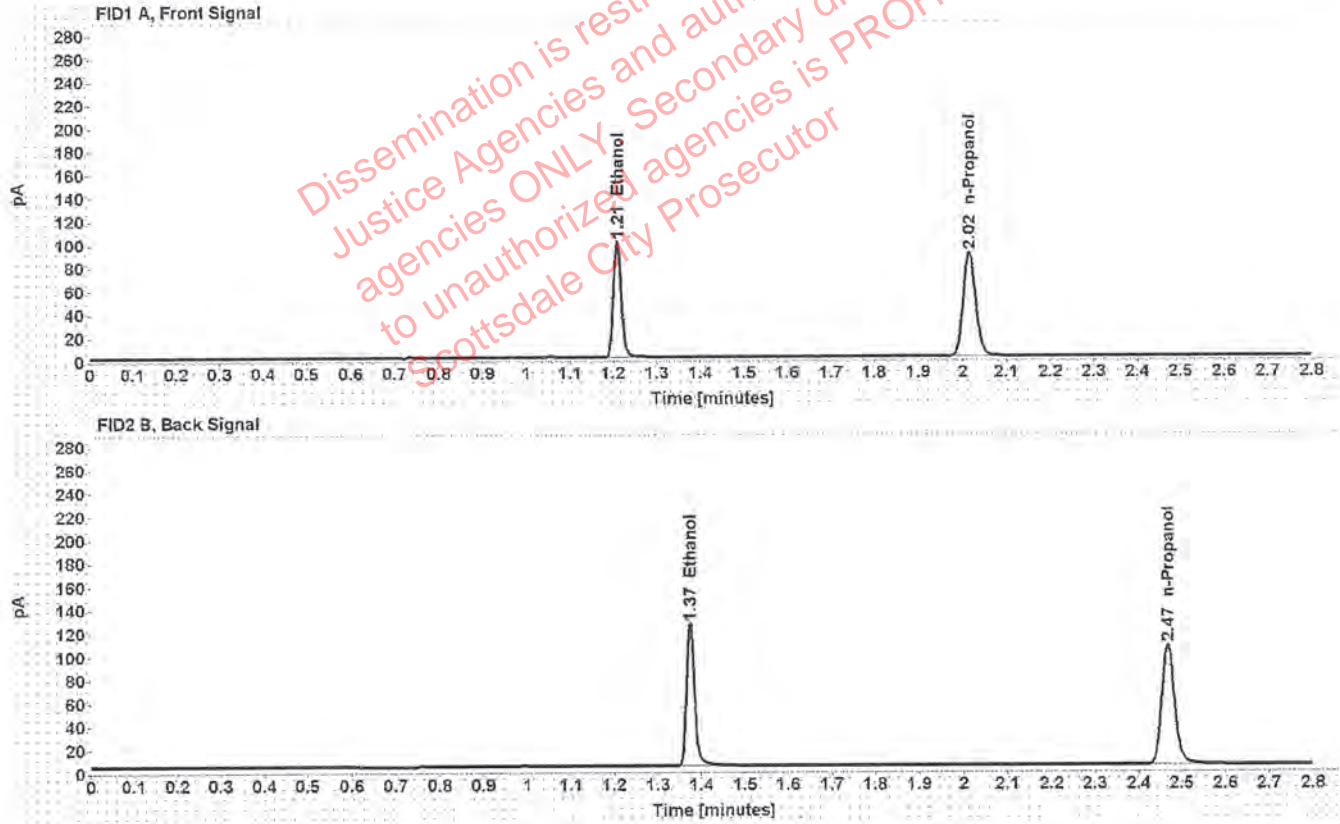


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1983	1.209	127.861
n-Propanol	-----	2.015	178.994

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.061
n-Propanol	2.468	214.237

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 45
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 1:26:20 PM
Data file: C:\Chem32\1\Data\12Feb20\45.D	Analyst: Brooke Ag

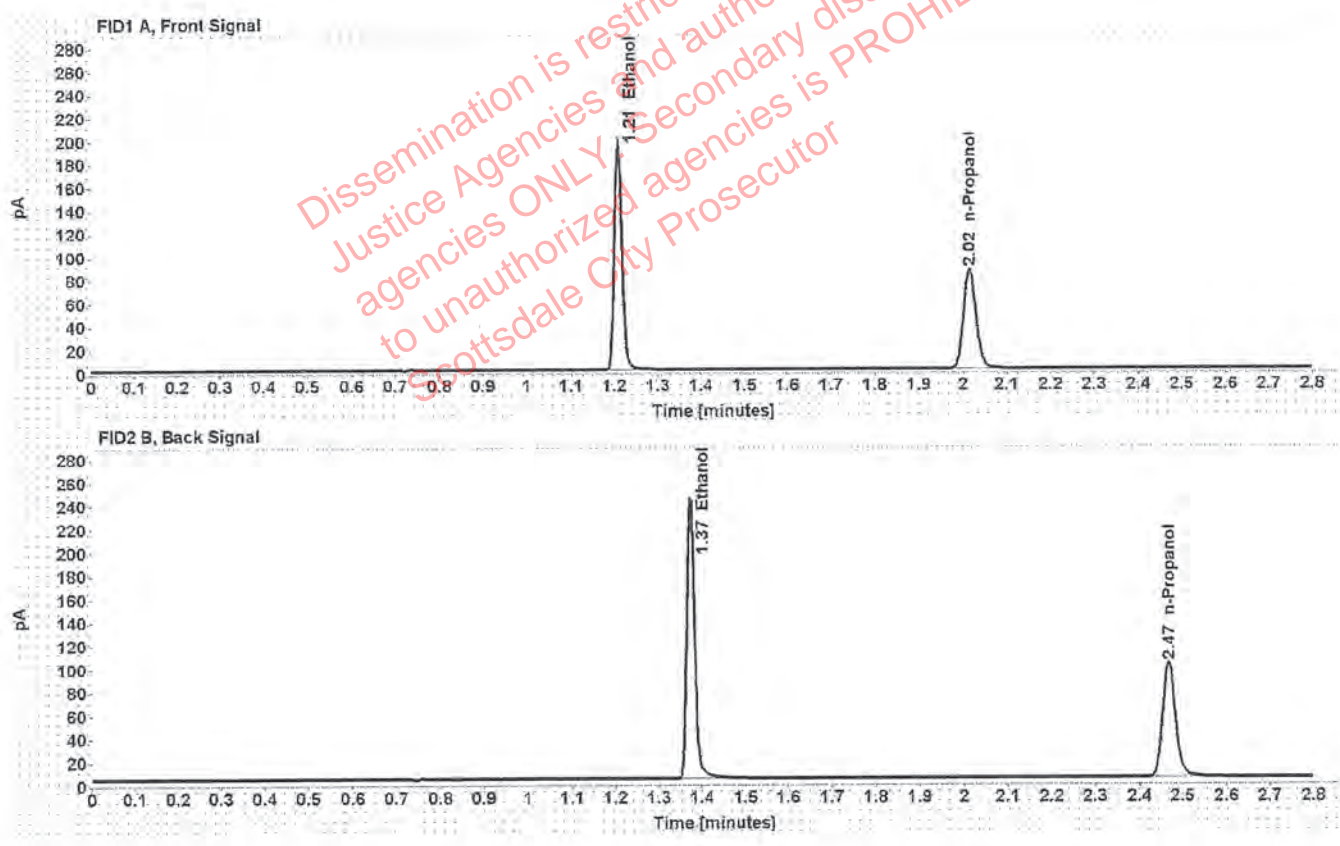


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4004	1.209	247.391
n-Propanol	-----	2.015	170.946

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

Compound	Time (min)	Peak Area
Ethanol	1.374	304.848
n-Propanol	2.468	205.423

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 46
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 1:30:20 PM
Data file: C:\Chem32\11\Data\12Feb20\46.D	Analyst: Brooke <i>RB</i>

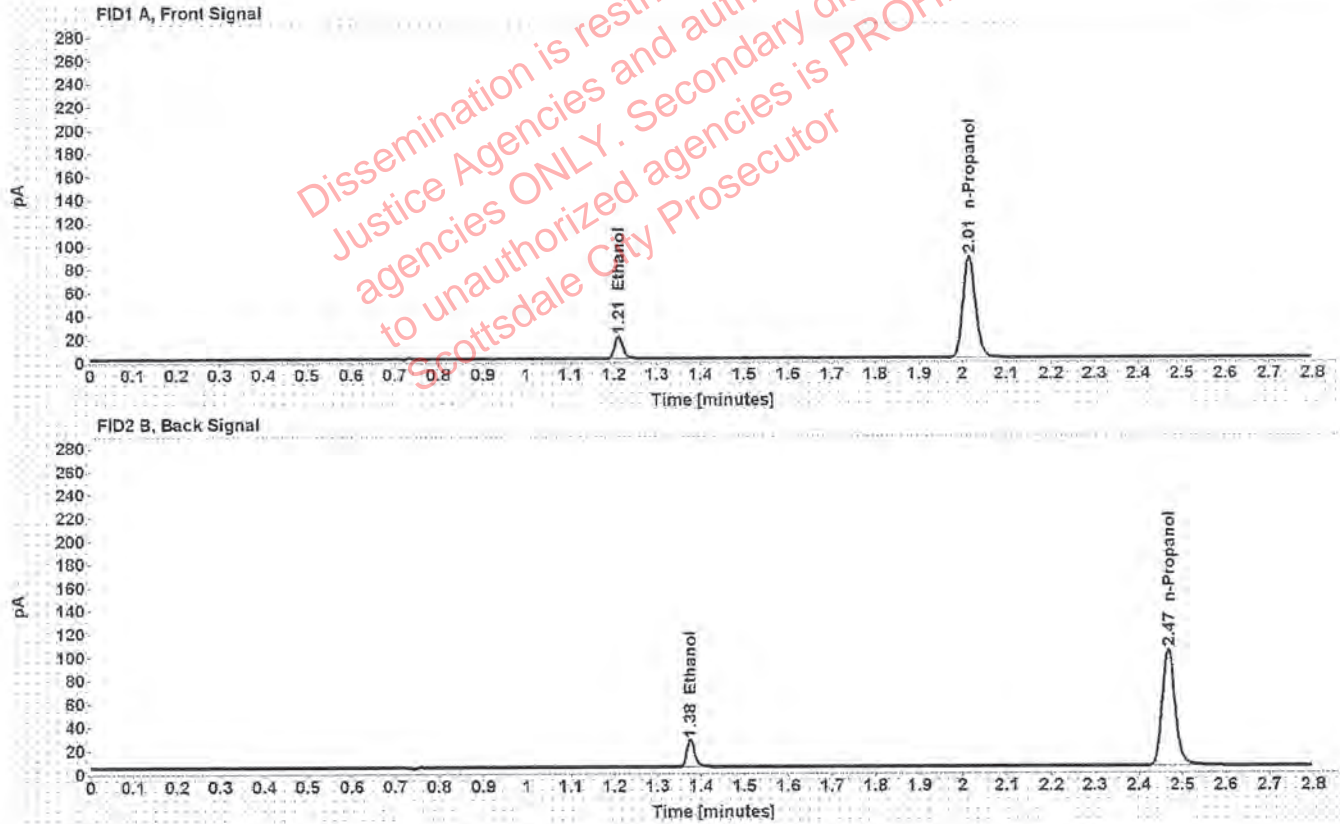


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.211	24.856
n-Propanol	-----	2.015	174.301

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.017
n-Propanol	2.468	208.514

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 47
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 1:34:20 PM
Data file: C:\Chem32\1\Data\12Feb20\47.D	Analyst: Brooke RB

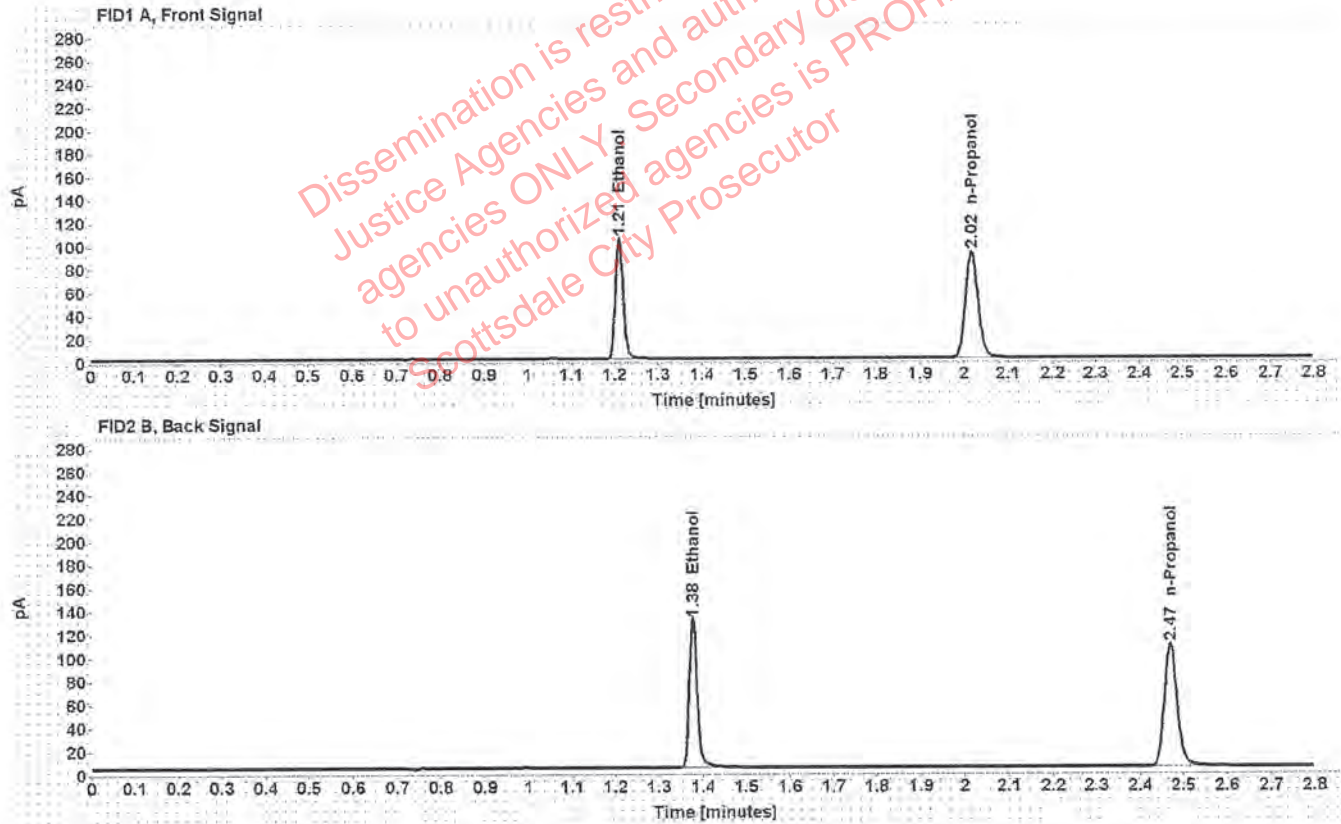


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.211	132.836
n-Propanol	-----	2.017	183.040

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

Compound	Time (min)	Peak Area
Ethanol	1.377	163.234
n-Propanol	2.470	219.611

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 48
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 1:38:20 PM
Data file: C:\Chem32\1\Data\12Feb20\48.D	Analyst: Brooke <i>AS</i>

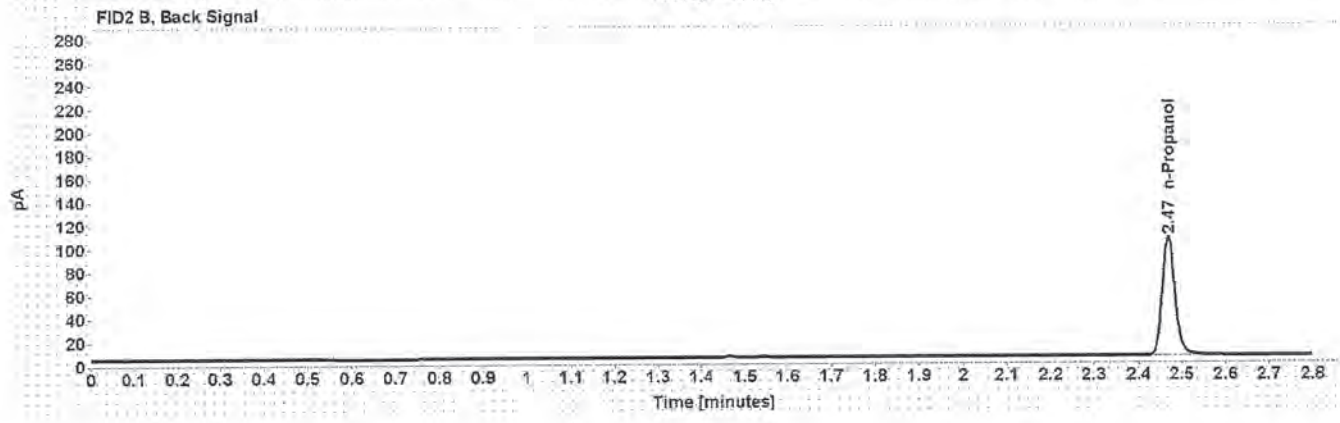
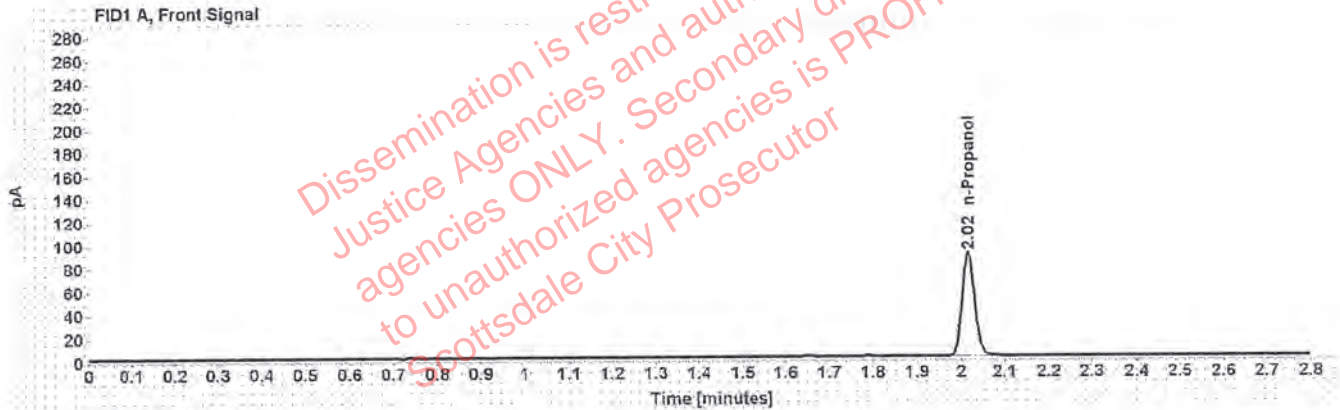


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	177.270

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	212.143

Sequence Summary

Sequence name: 12Feb20 Instrument: US14173023 CN14160045 Analyst: Brooke *RB*

Vial	Sample	Description	Type	LIMS ID	Method
1	0.020 FN03241604	0.020 calibrator	Calibration		ethanol quant.M
2	FN02271802	0.100 calibrator	Calibration		ethanol quant.M
3	FN06231704	0.200 calibrator	Calibration		ethanol quant.M
4	FN05131606	0.400 calibrator	Calibration		ethanol quant.M
5	121219	Negative	Control		ethanol quant.M
6	070819	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	0.198 407041529/13	0.198	Control		ethanol quant.M
10	1307064		Sample		ethanol quant.M
11	1307064		Sample		ethanol quant.M
12	1304979		Sample		ethanol quant.M
13	1304979		Sample		ethanol quant.M
14	1283102		Sample		ethanol quant.M
15	1283102		Sample		ethanol quant.M
16	1302518		Sample		ethanol quant.M
17	1302518		Sample		ethanol quant.M
18	1303717		Sample		ethanol quant.M
19	1303717		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1308757		Sample		ethanol quant.M
22	1308757		Sample		ethanol quant.M
23	1287896		Sample		ethanol quant.M
24	1287896		Sample		ethanol quant.M
25	32001RM		Sample		ethanol quant.M
26	32001RM		Sample		ethanol quant.M
27	36201JH		Sample		ethanol quant.M
28	36201JH		Sample		ethanol quant.M
29	1306229		Sample		ethanol quant.M
30	1306229		Sample		ethanol quant.M
31	09022015-C	0.150	Control		ethanol quant.M
32	1304797		Sample		ethanol quant.M
33	1304797		Sample		ethanol quant.M
34	1306154		Sample		ethanol quant.M
35	1306154		Sample		ethanol quant.M
36	1308495		Sample		ethanol quant.M
37	1308495		Sample		ethanol quant.M
38	33601CQ		Sample		ethanol quant.M
39	33601CQ		Sample		ethanol quant.M
40	1304950		Sample		ethanol quant.M
41	1304950		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	1298155		Sample		ethanol quant.M
44	1298155		Sample		ethanol quant.M
45	11092018-A	0.400	Control		ethanol quant.M
46	14082019-B	0.040	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies in N.Y. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

Sequence Summary

MB

47	407041529/13	0.198	Control	ethanol quant.M
48	040919WB	Negative	Control	ethanol quant.M

Dissemination is restricted to Criminal
Justice Agencies and authorized NON-C.J.
agencies ONLY. Secondary dissemination
to unauthorized agencies is PROHIBITED.
Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

PB

SEQUENCE NAME: 12Feb20

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1621	0.1619	0.16200	0.06	0.00010
12 13	0.2359	0.2399	0.23790	0.84	0.00200
14 15	0.1302	0.1314	0.13080	0.46	0.00060
16 17	0.2206	0.2185	0.21955	0.48	0.00105
18 19	0.1262	0.1279	0.12705	0.67	0.00085
21 22	0.0000	0.0000	0.00000	0.00	0.00000
23 24	0.2849	0.2863	0.28560	0.25	0.00070
25 26	0.2325	0.2307	0.23160	0.39	0.00090
27 28	0.1038	0.1033	0.10355	0.24	0.00025
29 30	0.1938	0.1942	0.19400	0.10	0.00020
32 33	0.0993	0.0984	0.09885	0.46	0.00045
34 35	0.2176	0.2161	0.21685	0.35	0.00075
36 37	0.0932	0.0928	0.09300	0.22	0.00020
38 39	0.0846	0.0836	0.08410	0.59	0.00050
40 41	0.0000	0.0000	0.00000	0.00	0.00000
43 44	0.2657	0.2673	0.26650	0.30	0.00080

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1307064	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:04:51 AM
Data file:	C:\Chem32\1\Data\12Feb20\10.D	Analyst:	Brooke

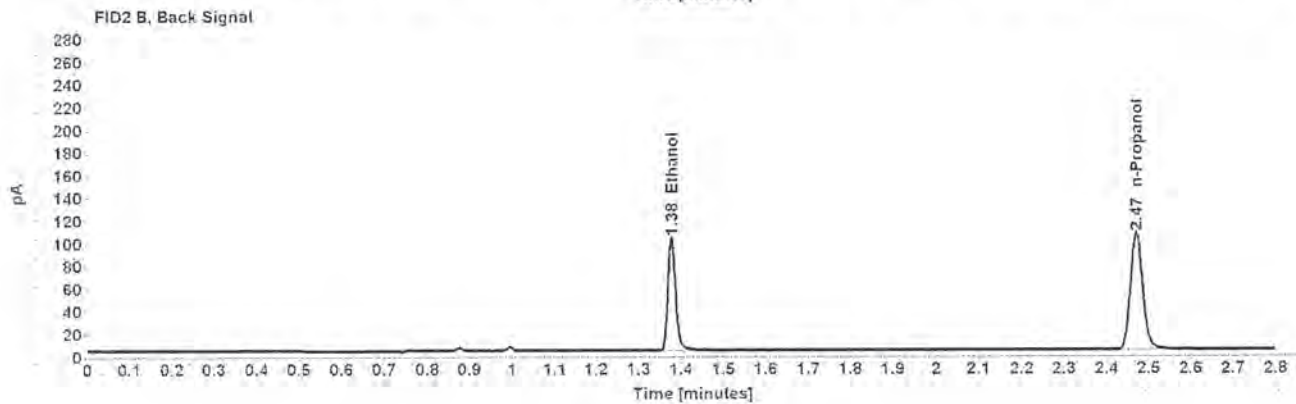
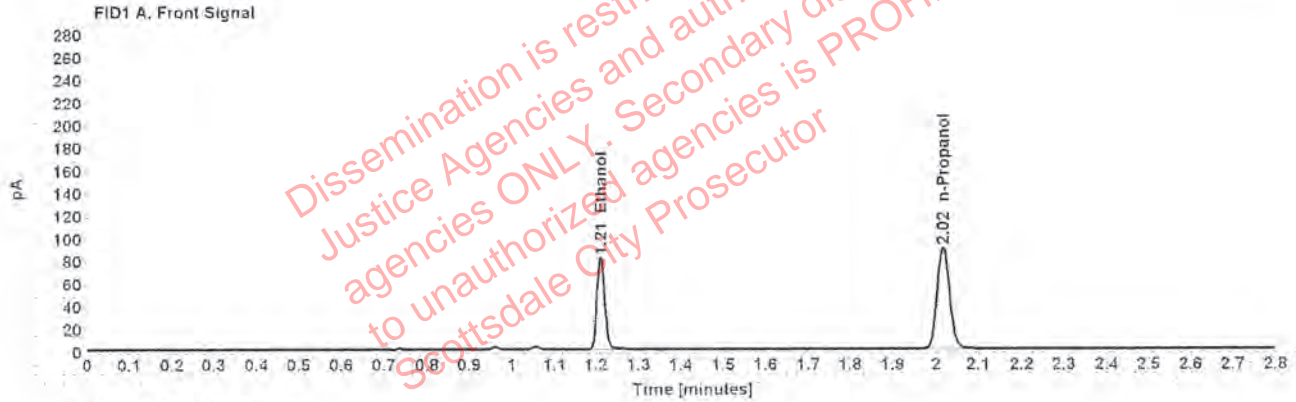


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1621	1.211	104.309
n-Propanol	-----	2.017	178.895

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

Compound	Time (min)	Peak Area
Ethanol	1.377	128.718
n-Propanol	2.470	212.620

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1307064	Vial: 11
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 11:08:50 AM
Data file: C:\Chem32\1\Data\12Feb20\11.D	Analyst: Brooke

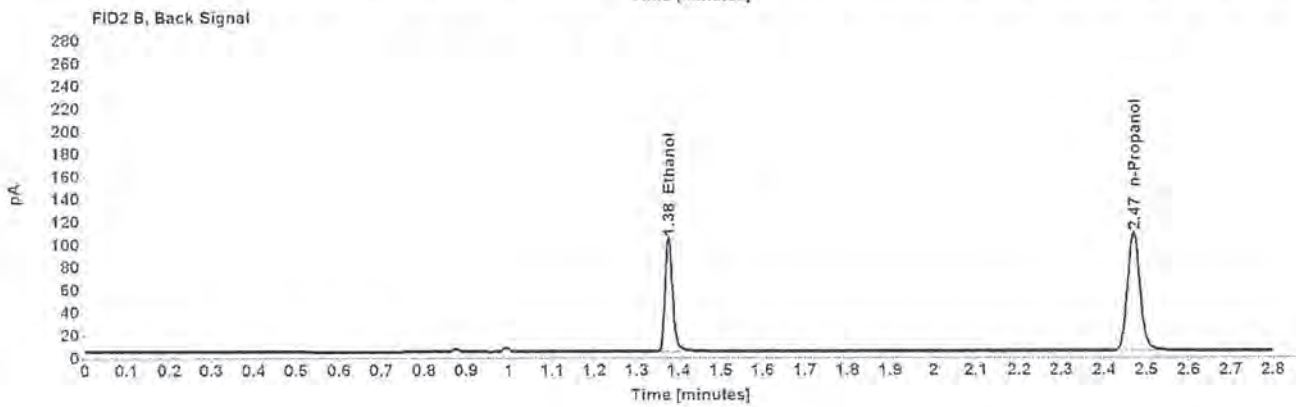
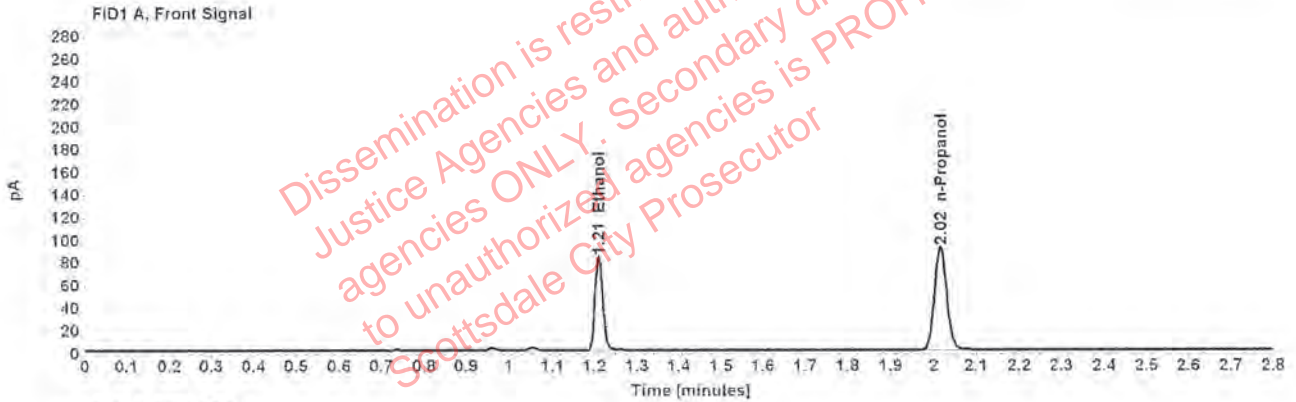


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1619	1.210	105.615
n-Propanol	-----	2.016	181.317

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

Compound	Time (min)	Peak Area
Ethanol	1.375	128.702
n-Propanol	2.469	215.704

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1304979	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:12:50 AM
Data file:	C:\Chem32\1\Data\12Feb20\12.D	Analyst:	Brooke

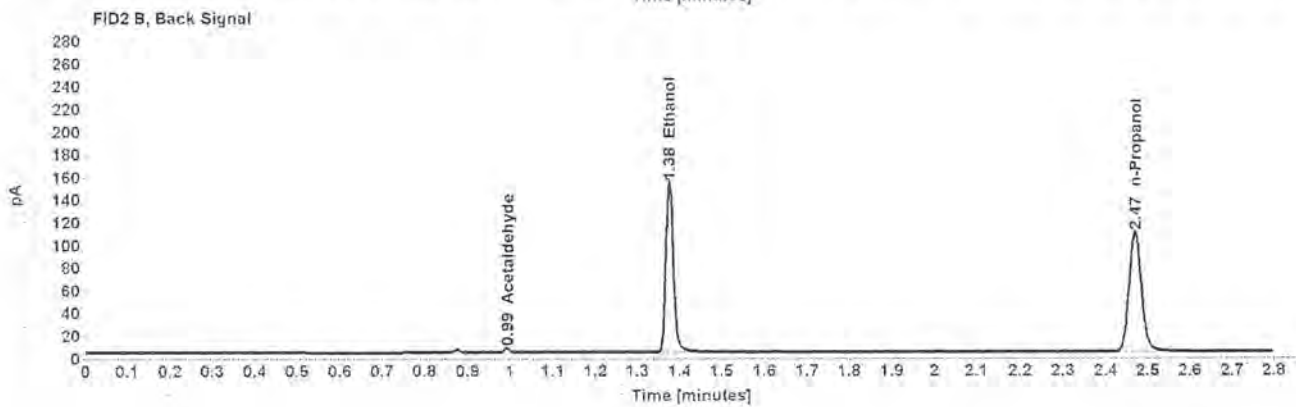
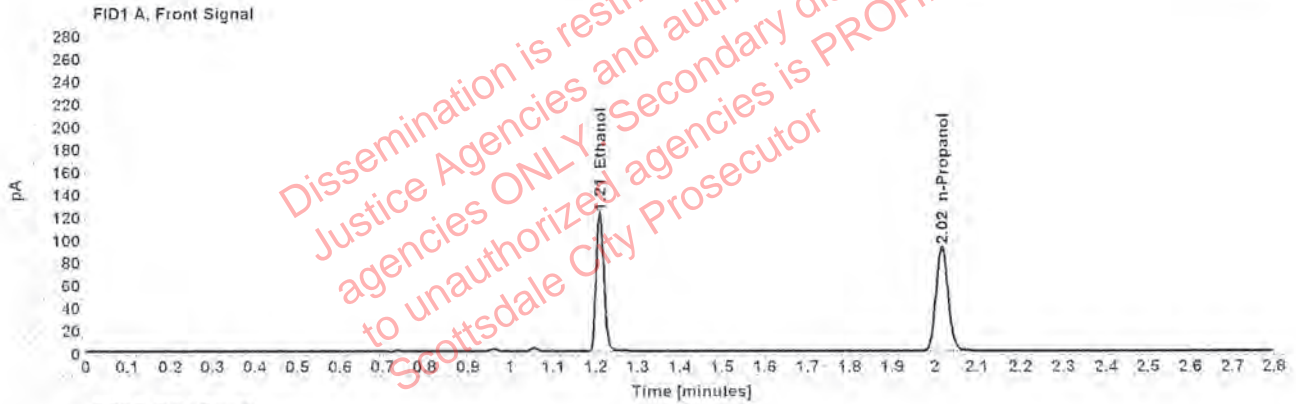


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2359	1.210	156.221
n-Propanol	-----	2.016	183.585

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.010
Ethanol	1.375	192.653
n-Propanol	2.469	219.762

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1304979	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:17:06 AM
Data file:	C:\Chem32\1\Data\12Feb20\13.D	Analyst:	Brooke

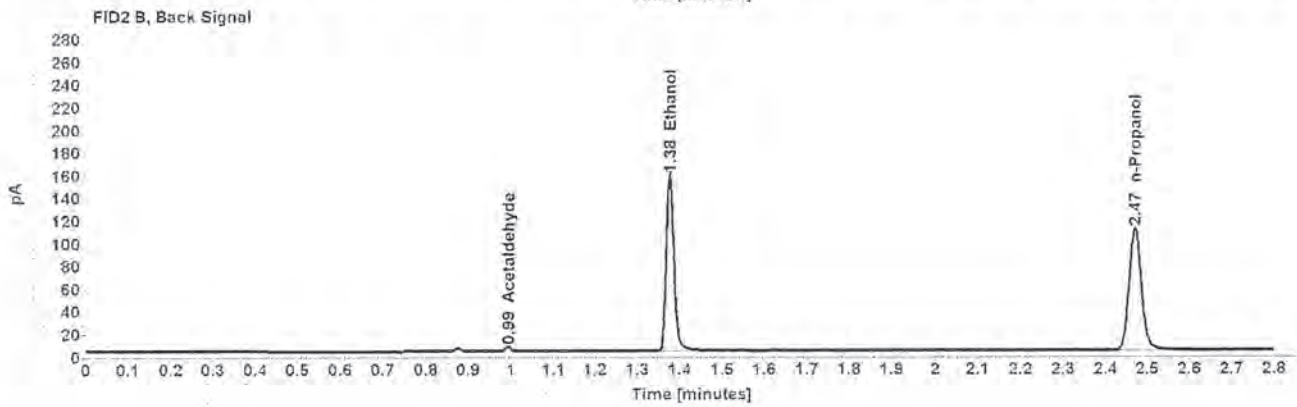
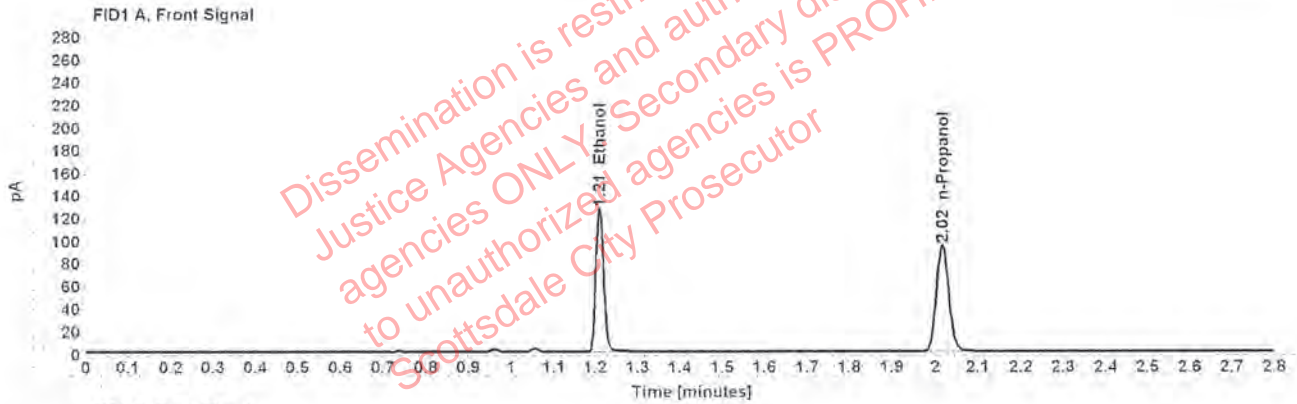


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2399	1.210	161.767
n-Propanol	-----	2.017	186.941

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.897
Ethanol	1.377	199.011
n-Propanol	2.470	224.634

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283102	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:21:06 AM
Data file:	C:\Chem32\1\Data\12Feb20\14.D	Analyst:	Brooke

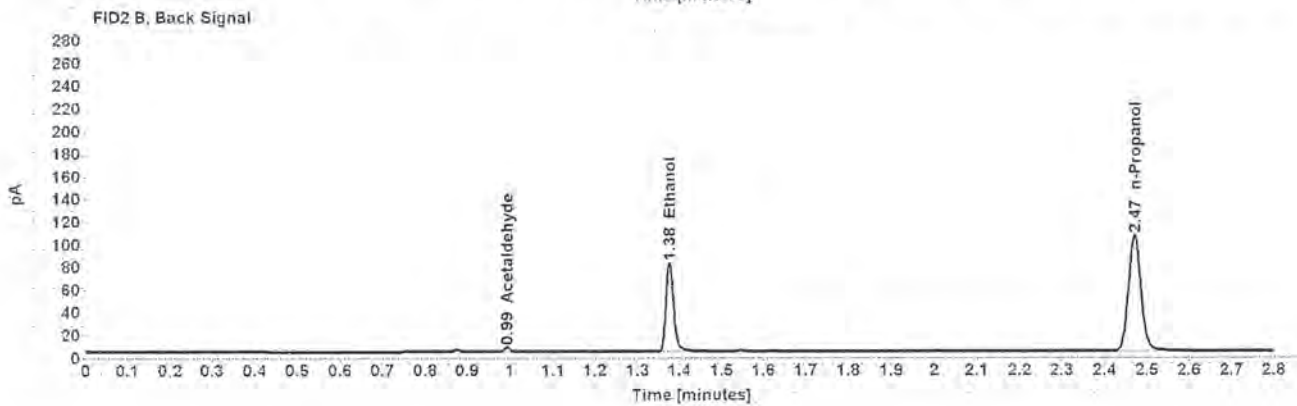
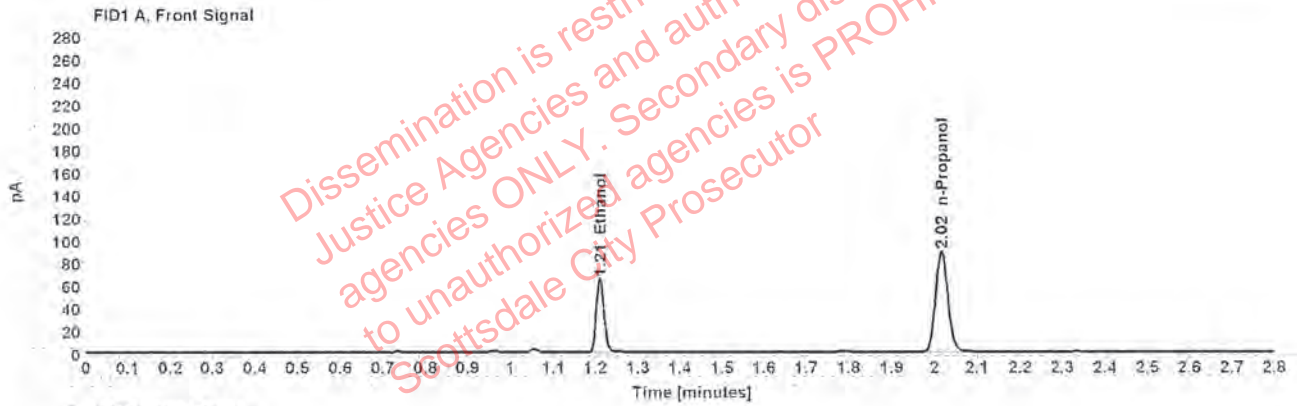


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1302	1.211	83.290
n-Propanol	-----	2.016	178.083

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.093
Ethanol	1.376	100.685
n-Propanol	2.469	213.096

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283102	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:25:06 AM
Data file:	C:\Chem32\1\Data\12Feb20\15.D	Analyst:	Brooke

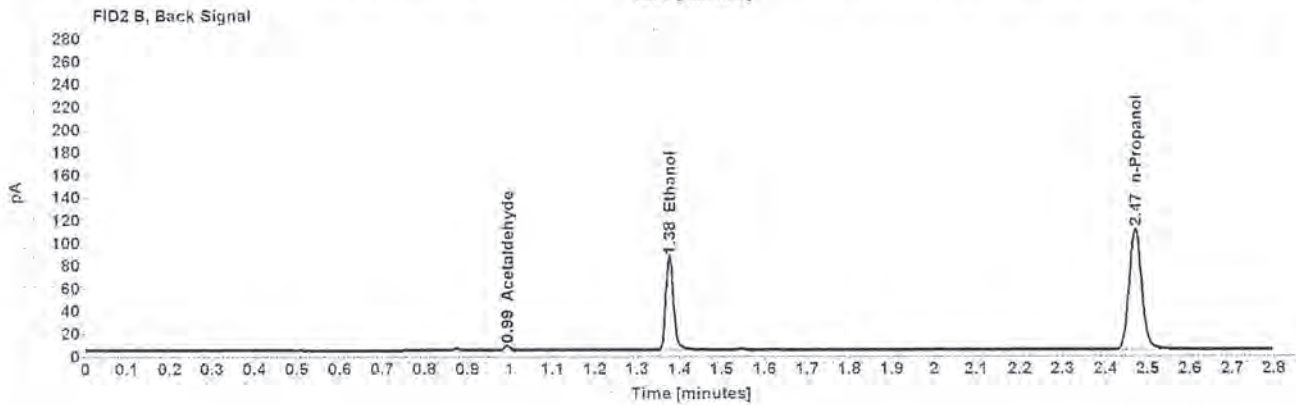
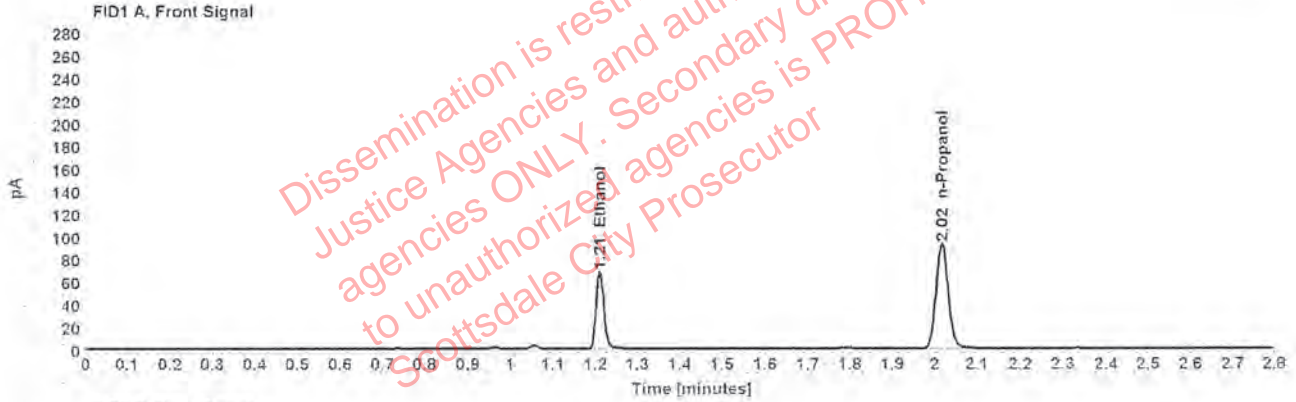


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1314	1.211	87.457
n-Propanol	-----	2.016	185.294

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.233
Ethanol	1.376	106.393
n-Propanol	2.470	222.261

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1302518	Vial: 16
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 11:29:06 AM
Data file: C:\Chem32\1\Data\12Feb20\16.D	Analyst: Brooke

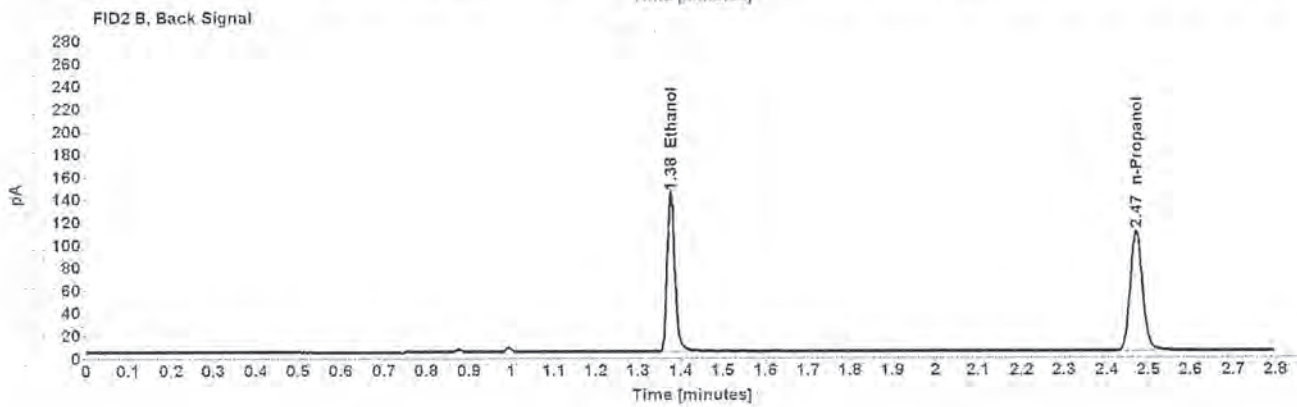
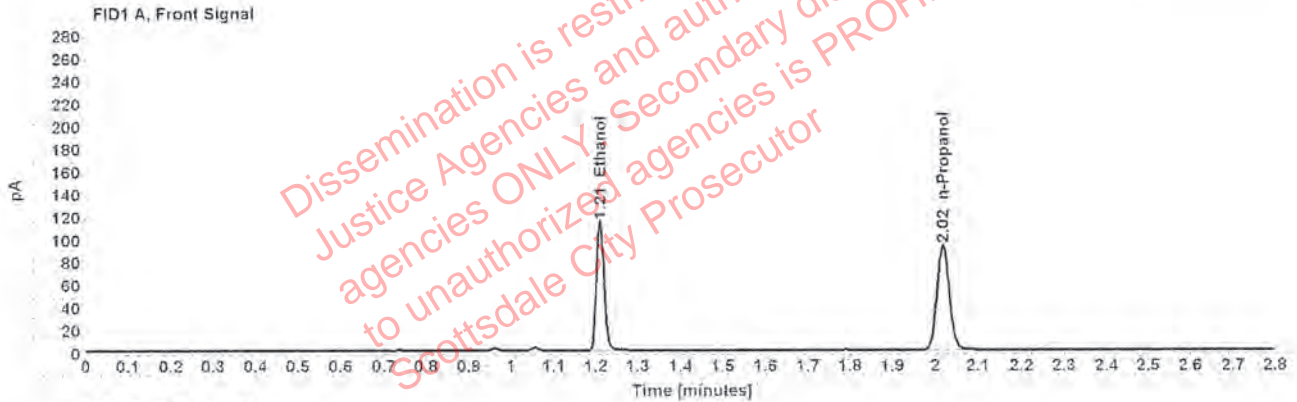


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2206	1.211	146.301
n-Propanol	-----	2.017	183.973

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

Compound	Time (min)	Peak Area
Ethanol	1.377	180.365
n-Propanol	2.470	219.280

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302518	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:33:05 AM
Data file:	C:\Chem32\1\Data\12Feb20\17.D	Analyst:	Brooke

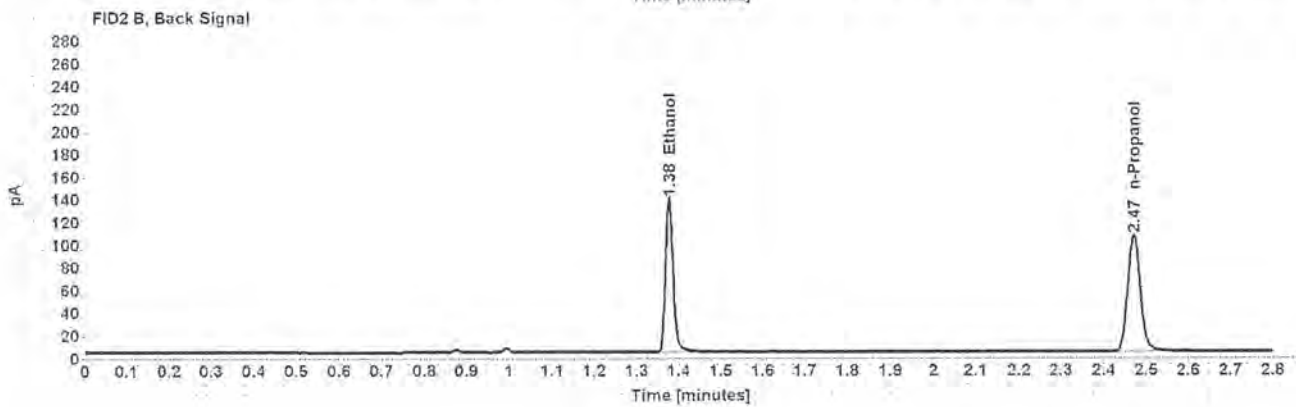
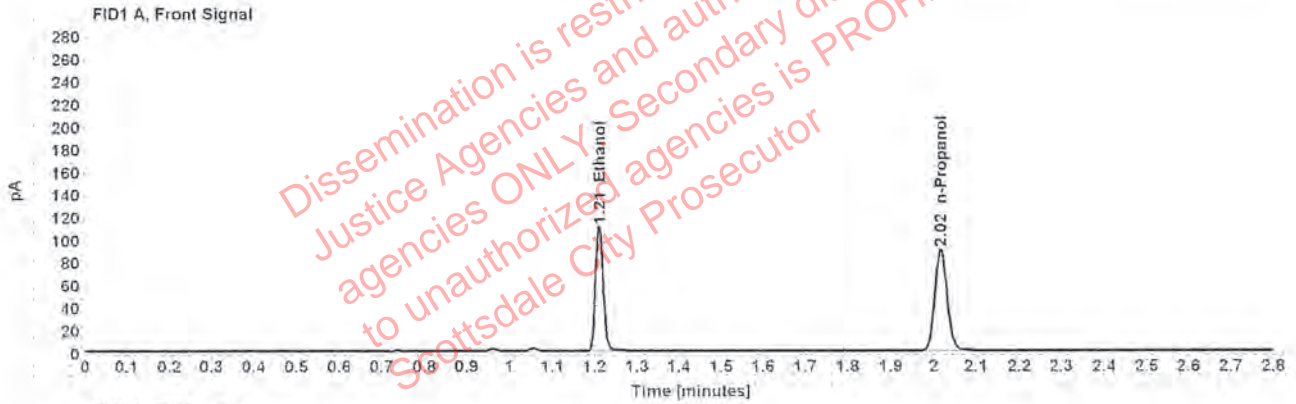


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2185	1.211	141.225
n-Propanol	-----	2.017	179.257

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

Compound	Time (min)	Peak Area
Ethanol	1.377	174.020
n-Propanol	2.470	213.344

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303717	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:37:06 AM
Data file:	C:\Chem32\1\Data\12Feb20\18.D	Analyst:	Brooke

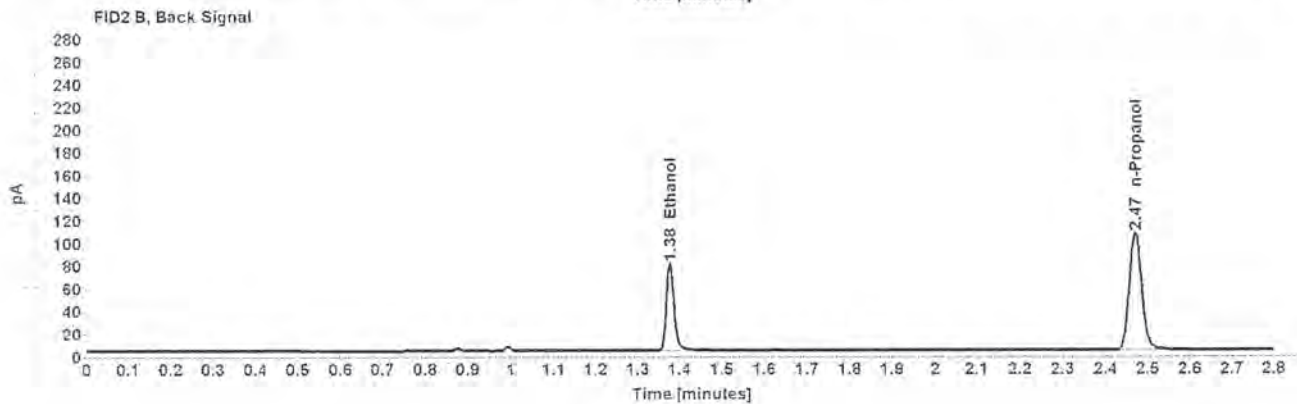
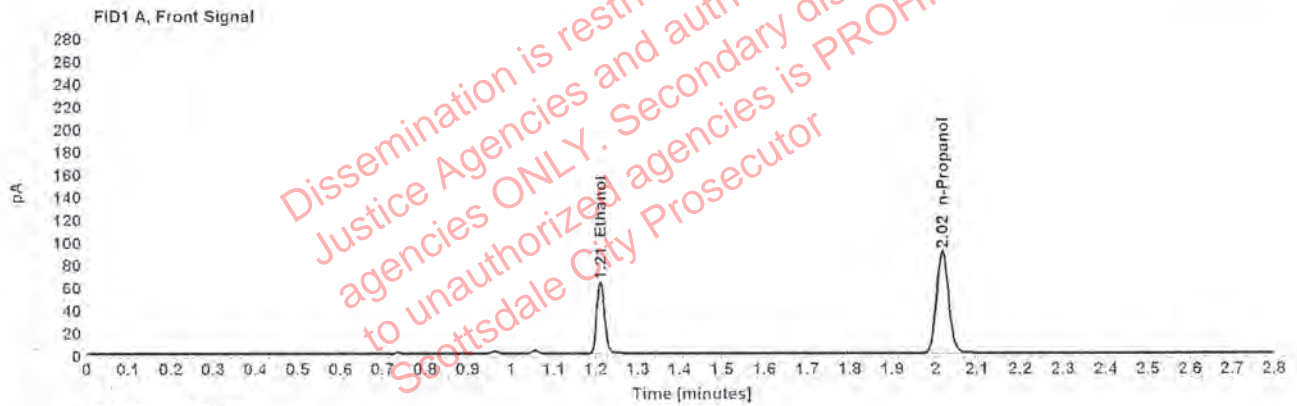


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1262	1.211	81.370
n-Propanol	-----	2.017	179.641

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

Compound	Time (min)	Peak Area
Ethanol	1.377	98.891
n-Propanol	2.470	215.118

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303717	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:41:21 AM
Data file:	C:\Chem32\1\Data\12Feb20\19.D	Analyst:	Brooke

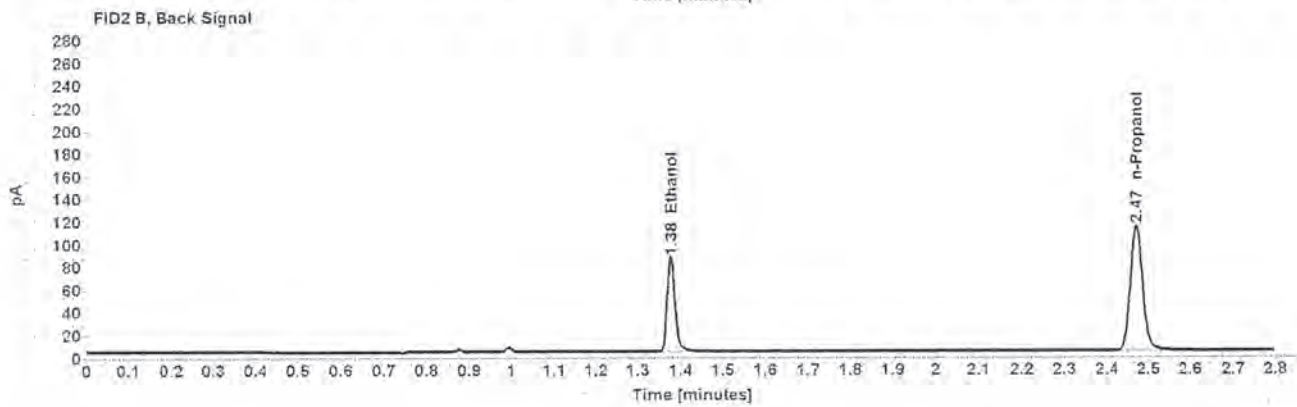
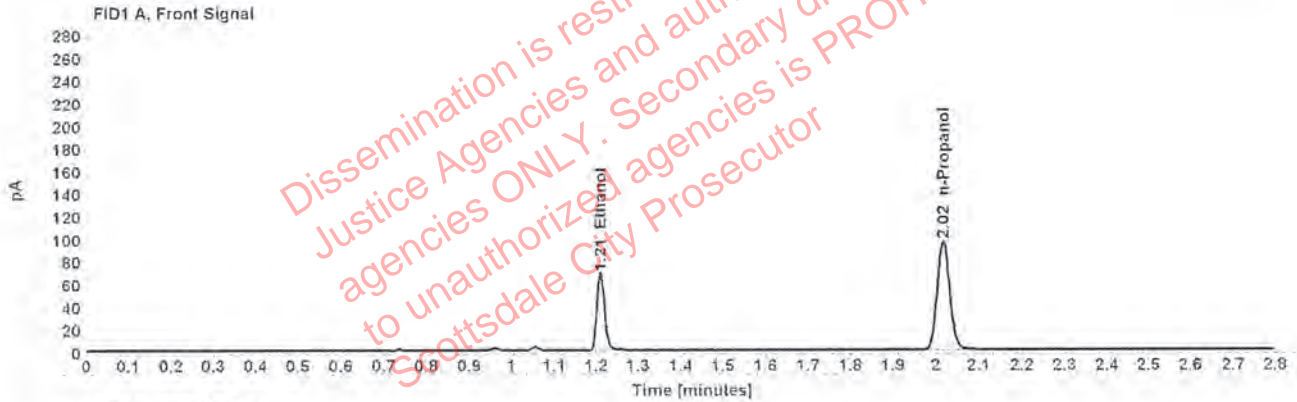


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1279	1.211	88.020
n-Propanol	-----	2.017	191.608

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

Compound	Time (min)	Peak Area
Ethanol	1.377	106.686
n-Propanol	2.470	230.027

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1308757	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:49:21 AM
Data file:	C:\Chem32\1\Data\12Feb20\21.D	Analyst:	Brooke

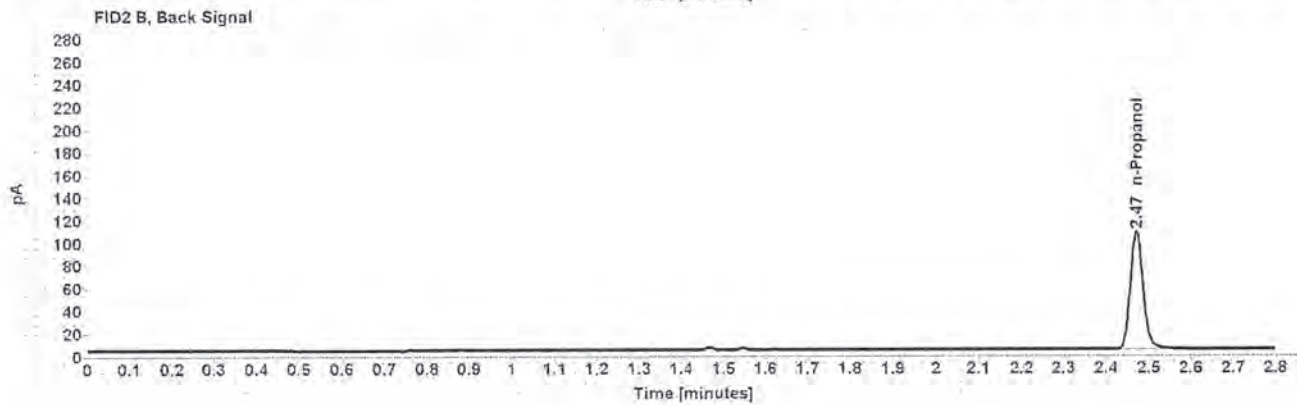


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	180.927

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	216.179

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1308757	Vial:	22
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:53:21 AM
Data file:	C:\Chem32\1\Data\12Feb20\22.D	Analyst:	Brooke

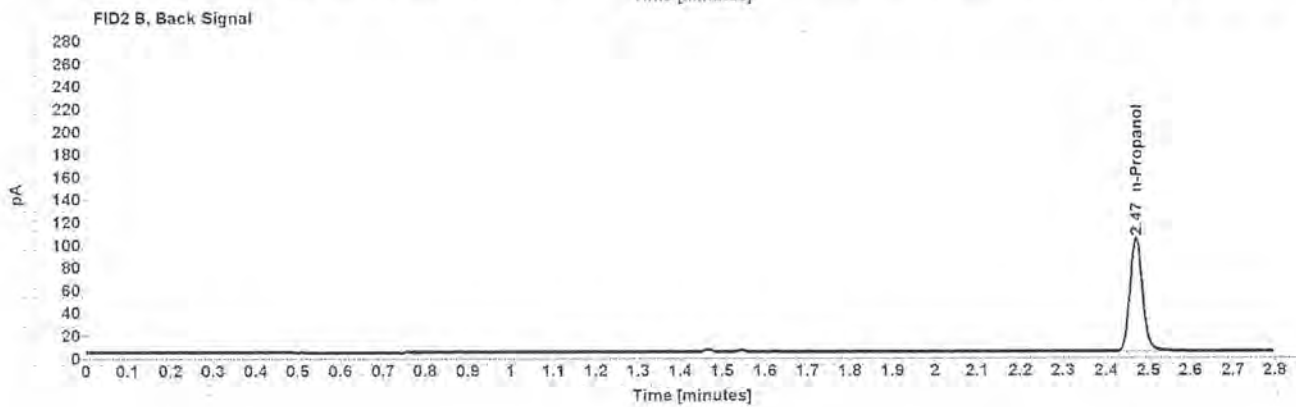


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	174.927

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	209.018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287896	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 11:57:21 AM
Data file:	C:\Chem32\1\Data\12Feb20\23.D	Analyst:	Brooke

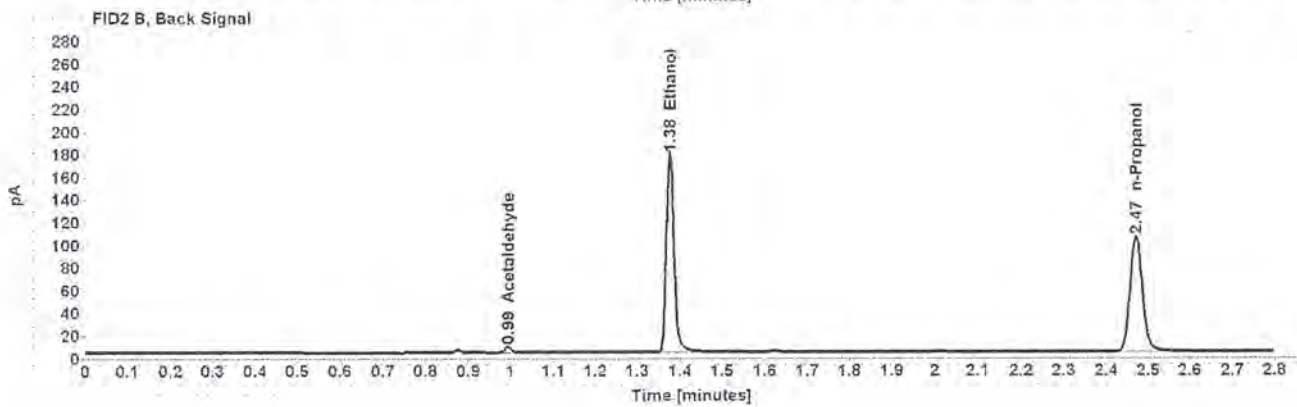
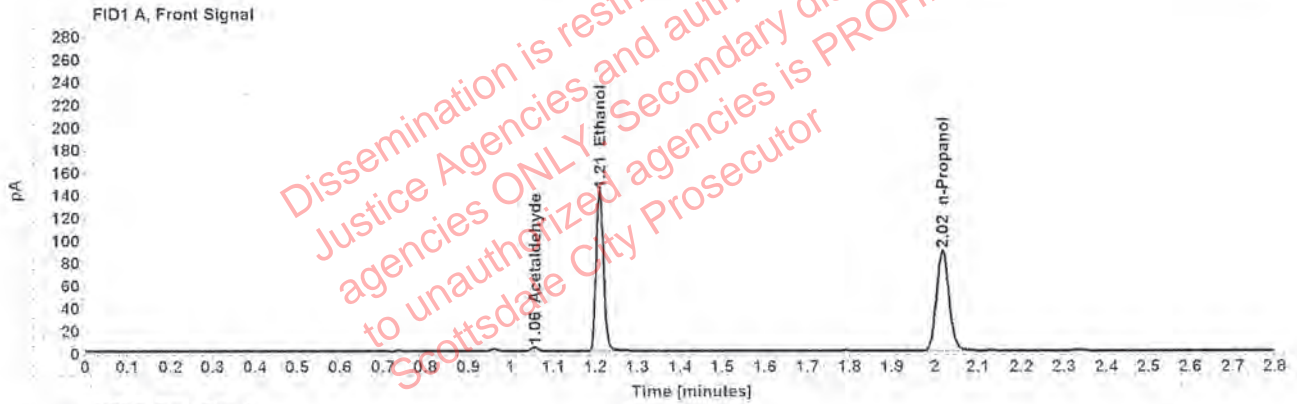


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.849
>Ethanol	0.2849	1.210	181.745
n-Propanol	-----	2.017	176.720

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.985
Ethanol	1.376	224.091
n-Propanol	2.470	212.182

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1287896	Vial: 24
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 12:01:21 PM
Data file: C:\Chem32\1\Data\12Feb20\24.D	Analyst: Brooke

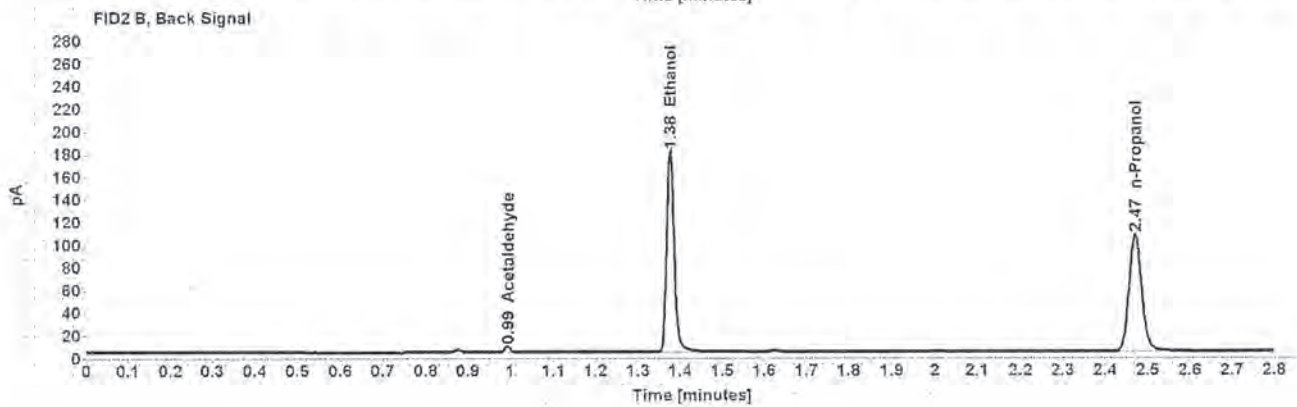
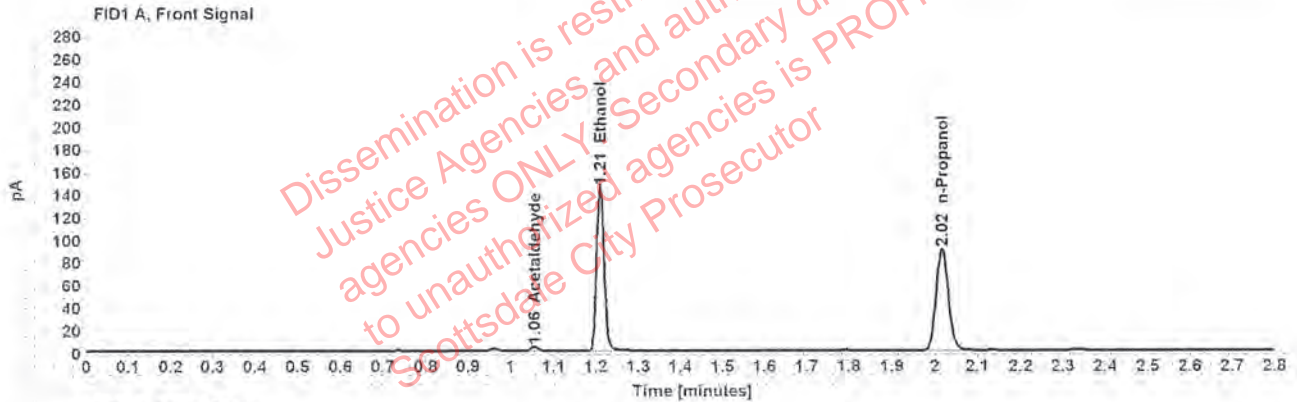


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.878
>Ethanol	0.2863	1.210	185.056
n-Propanol	-----	2.017	179.034

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.041
Ethanol	1.376	228.186
n-Propanol	2.470	215.031

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 32001RM	Vial: 25
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 12Feb20
Instrument: US14173023 CN14160045	Injection date: 2/12/2020 12:05:36 PM
Data file: C:\Chem32\1\Data\12Feb20\25.D	Analyst: Brooke

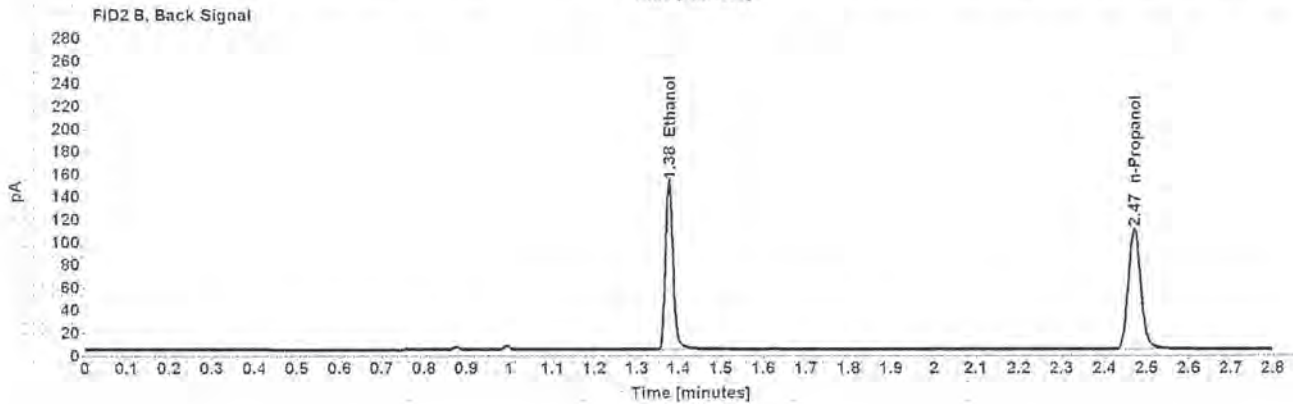
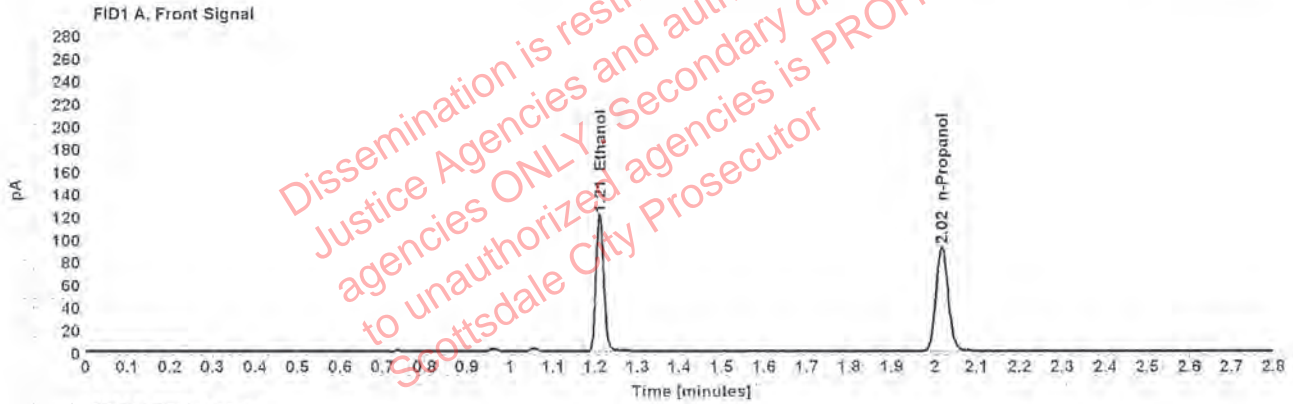


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2325	1.210	154.708
n-Propanol	-----	2.017	184.533

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

Compound	Time (min)	Peak Area
Ethanol	1.377	190.206
n-Propanol	2.470	219.864

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001RM	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:09:36 PM
Data file:	C:\Chem32\1\Data\12Feb20\26.D	Analyst:	Brooke

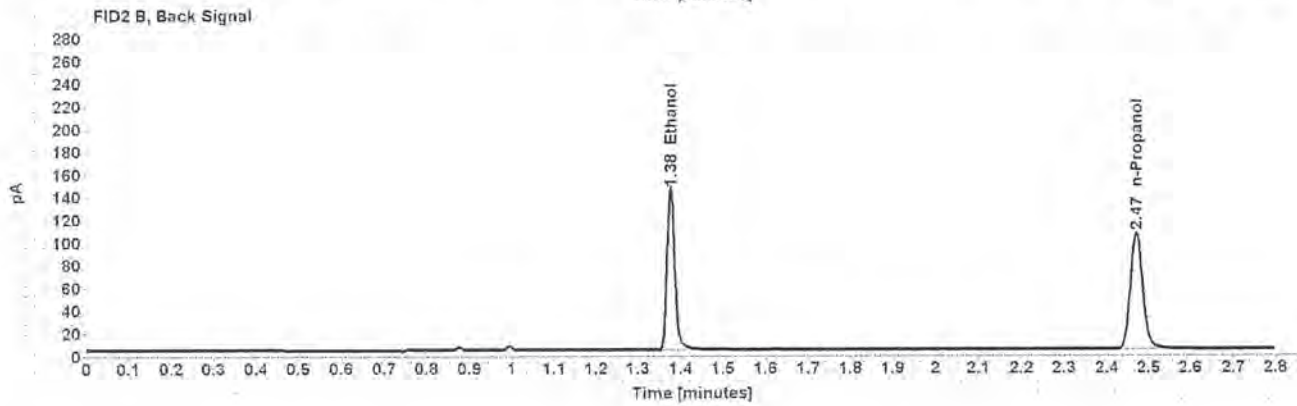
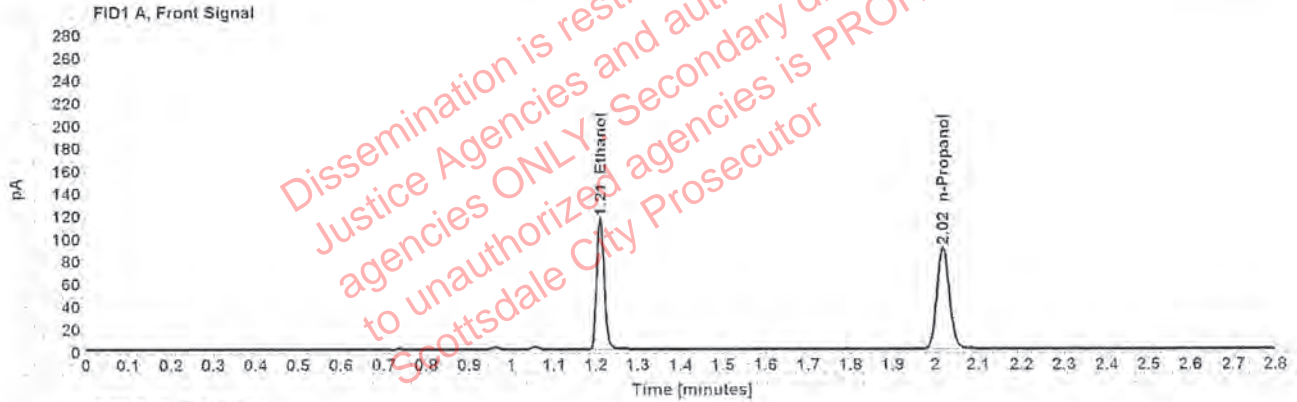


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2307	1.210	148.575
n-Propanol	-----	2.017	178.629

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

Compound	Time (min)	Peak Area
Ethanol	1.376	183.194
n-Propanol	2.470	212.896

[REDACTED]: Brooke, Phillip - (13-Feb-2020)

Case: [REDACTED] User: pbrooke 2/13/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36201JH	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:13:36 PM
Data file:	C:\Chem32\1\Data\12Feb20\27.D	Analyst:	Brooke

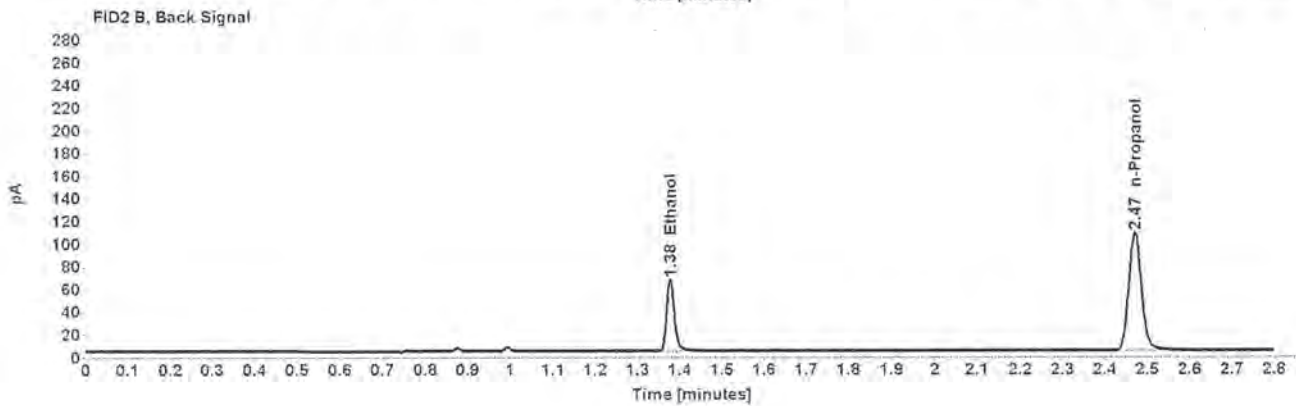
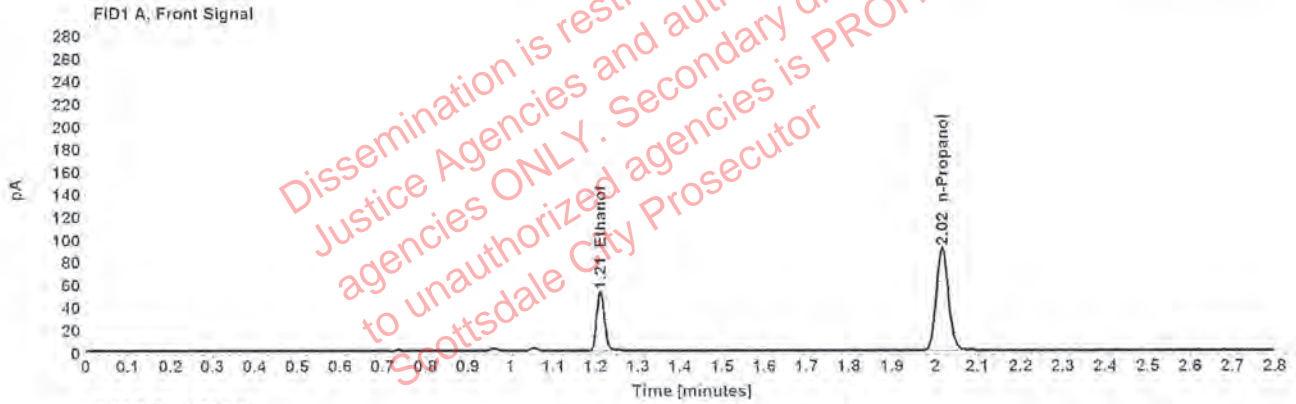


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1038	1.211	67.241
n-Propanol	-----	2.017	180.862

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

Compound	Time (min)	Peak Area
Ethanol	1.377	81.101
n-Propanol	2.470	216.341

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36201JH	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:17:35 PM
Data file:	C:\Chem32\1\Data\12Feb20\28.D	Analyst:	Brooke

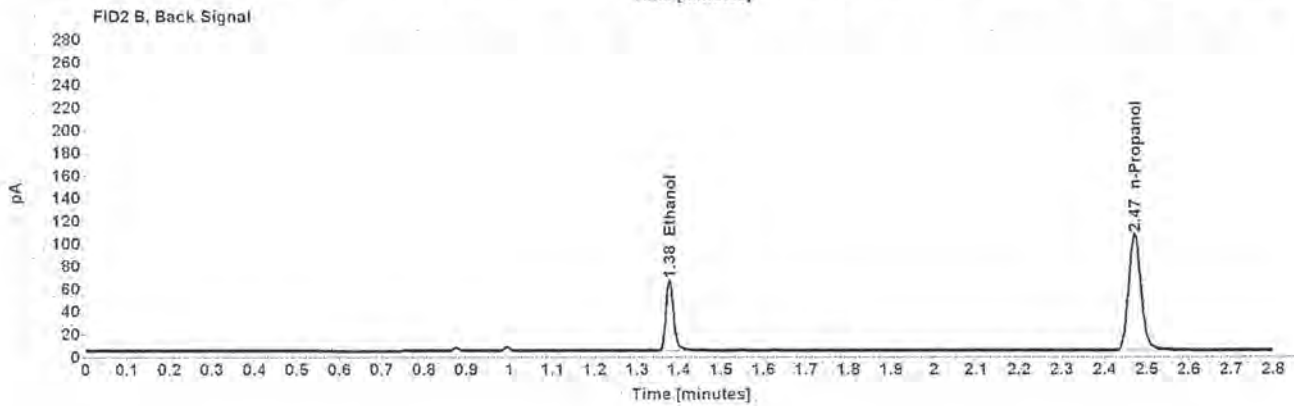
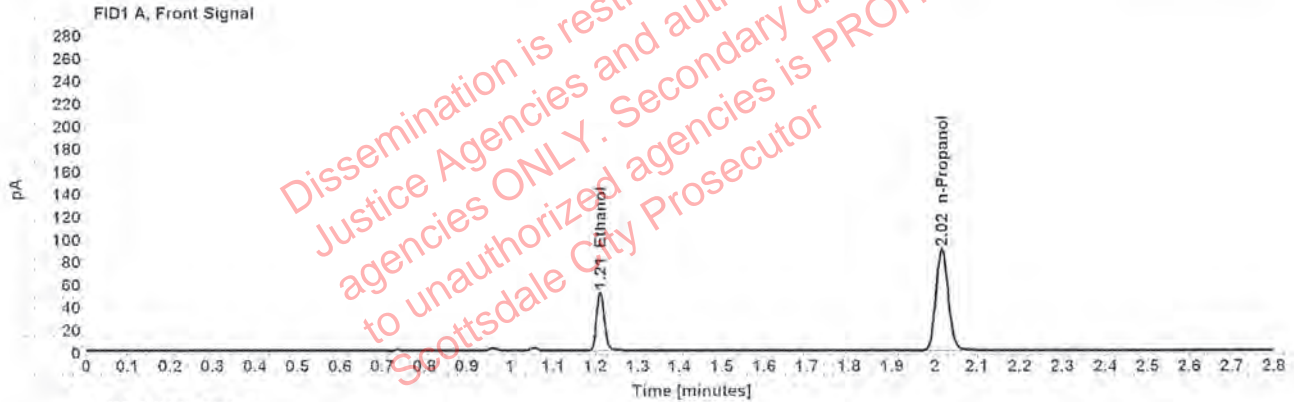


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1033	1.211	66.191
n-Propanol	-----	2.017	178.850

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

Compound	Time (min)	Peak Area
Ethanol	1.377	80.300
n-Propanol	2.470	214.073

[REDACTED]: Brooke, Phillip - (13-Feb-2020)

Case: [REDACTED] User: pbrooke 2/13/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1306229	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:21:36 PM
Data file:	C:\Chem32\1\Data\12Feb20\29.D	Analyst:	Brooke

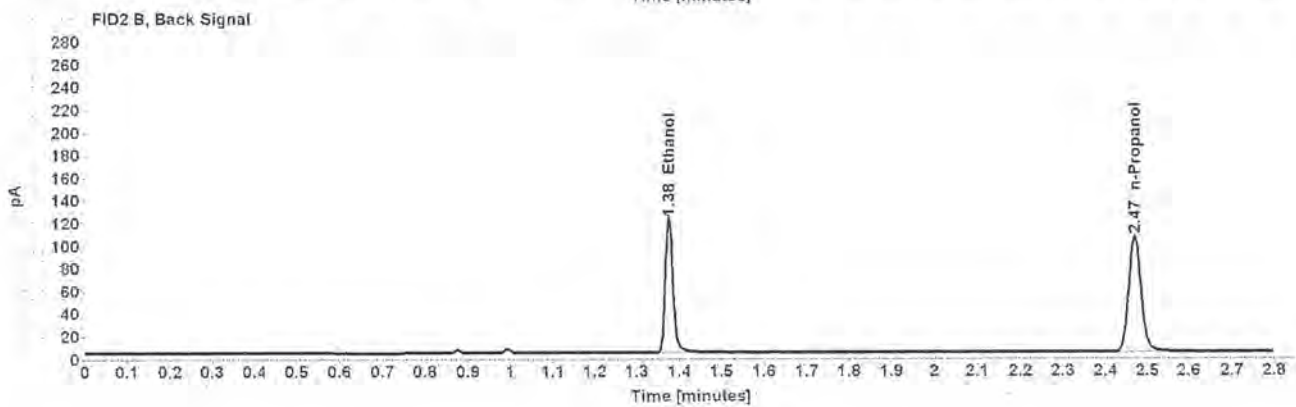
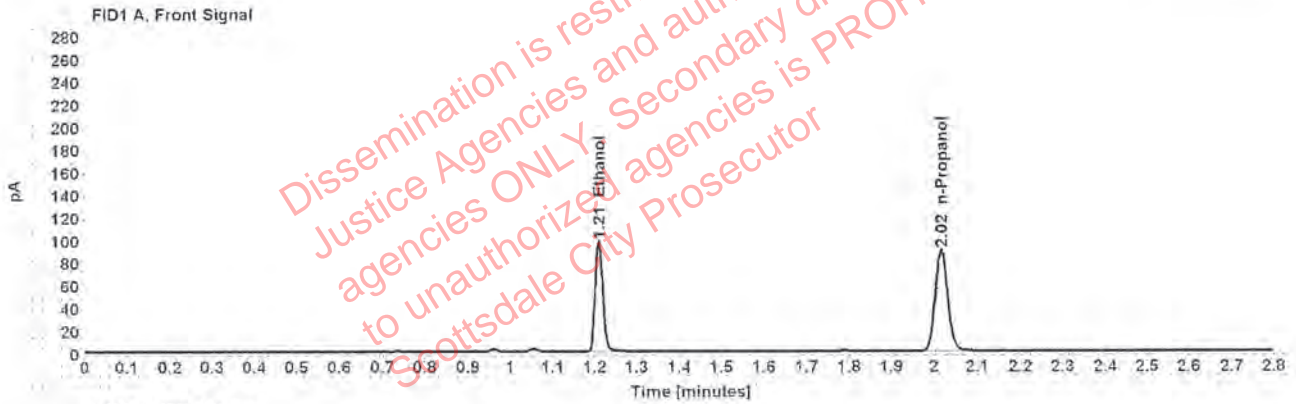


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1938	1.210	124.336
n-Propanol	-----	2.016	178.109

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

Compound	Time (min)	Peak Area
Ethanol	1.375	153.718
n-Propanol	2.469	212.035

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1306229	Vial:	30
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:25:36 PM
Data file:	C:\Chem32\1\Data\12Feb20\30.D	Analyst:	Brooke

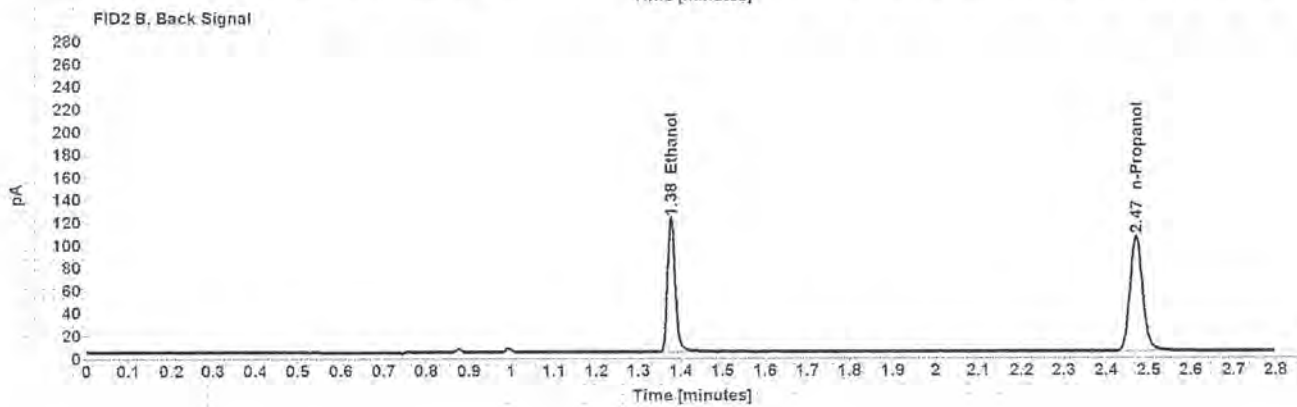
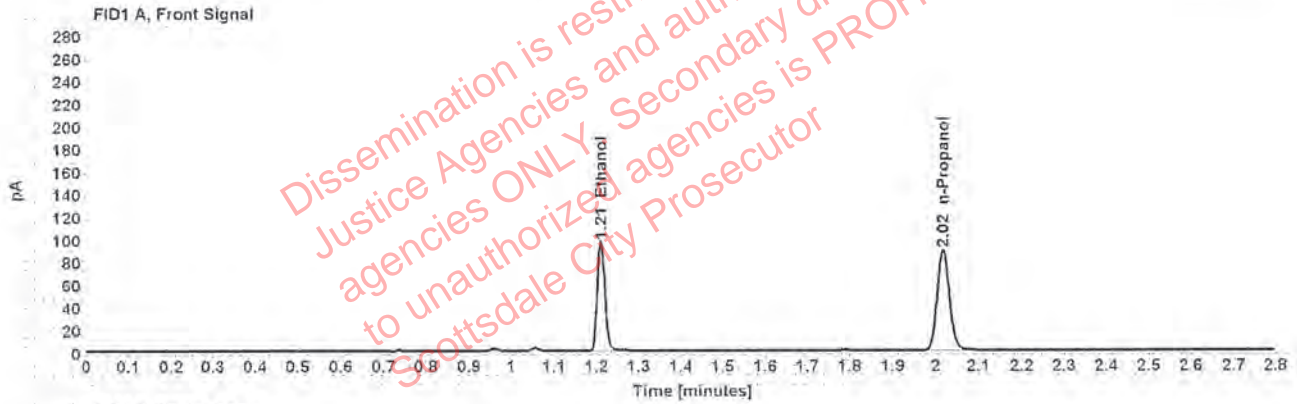


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1942	1.211	123.892
n-Propanol	-----	2.017	177.066

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

Compound	Time (min)	Peak Area
Ethanol	1.376	152.889
n-Propanol	2.470	210.629

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1304797	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:33:51 PM
Data file:	C:\Chem32\1\Data\12Feb20\32.D	Analyst:	Brooke

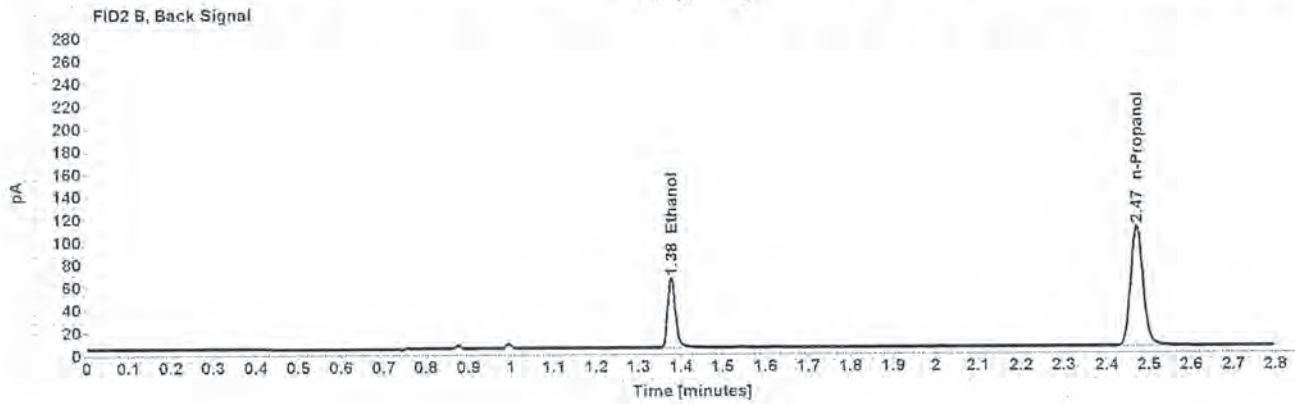
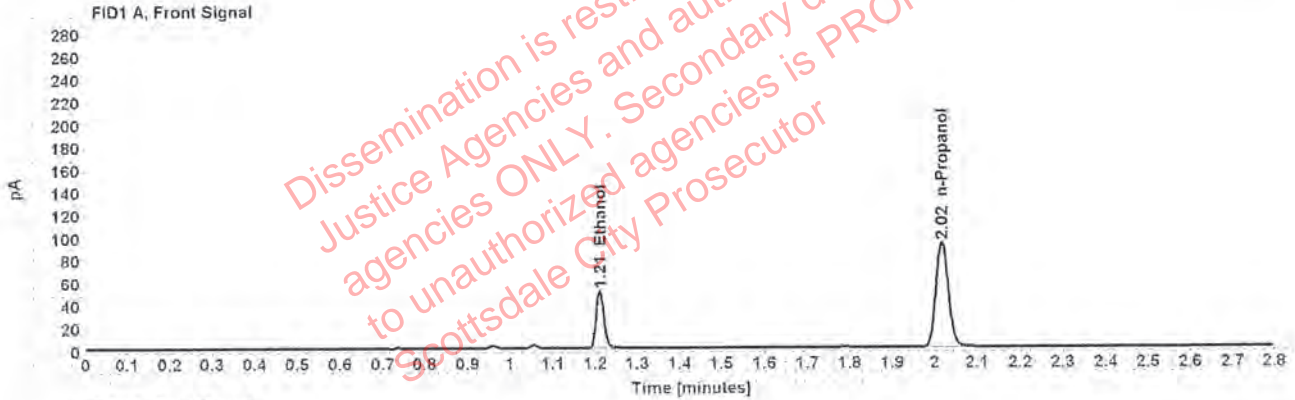


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0993	1.211	65.553
n-Propanol	-----	2.017	184.344

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

Compound	Time (min)	Peak Area
Ethanol	1.377	79.206
n-Propanol	2.470	221.011

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1304797	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:37:51 PM
Data file:	C:\Chem32\11\Data\12Feb20\33.D	Analyst:	Brooke

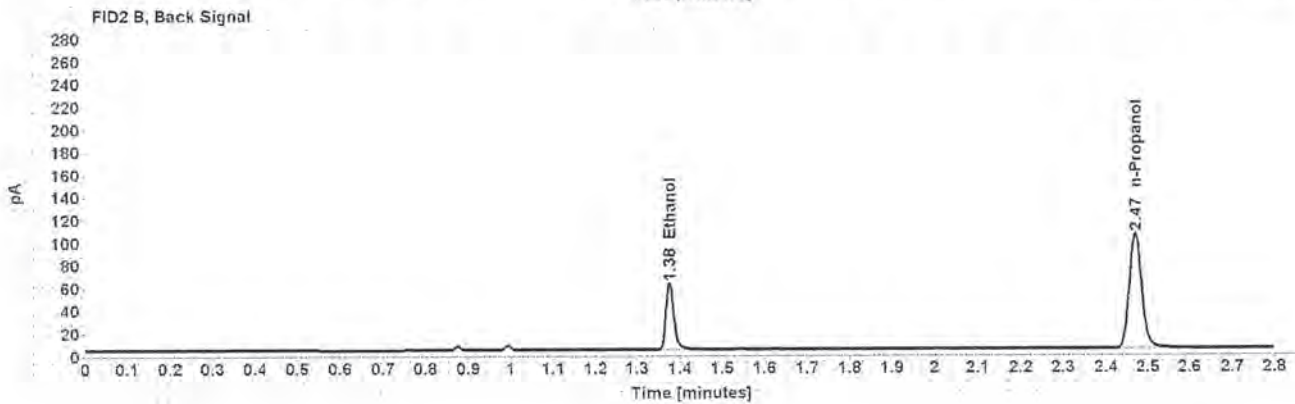
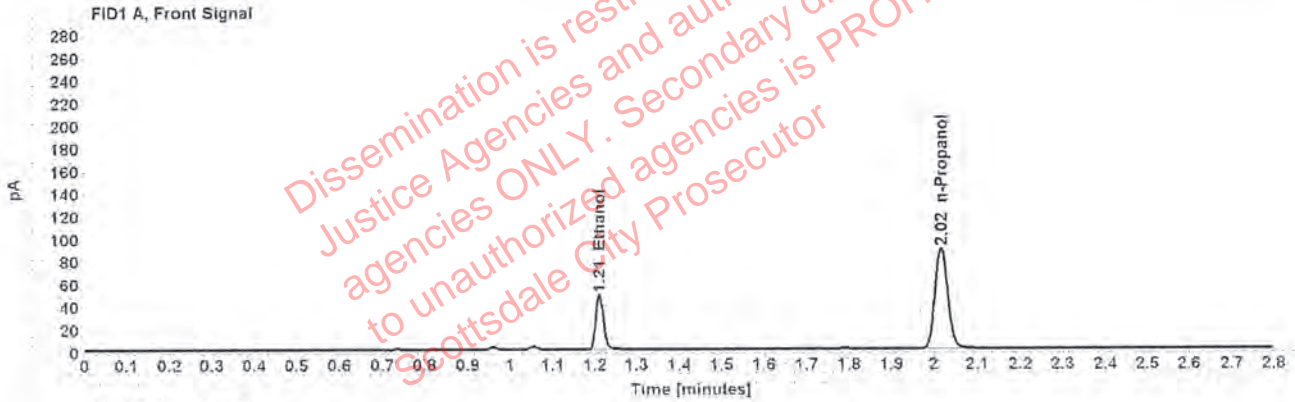


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0984	1.211	62.368
n-Propanol	-----	2.016	176.996

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

Compound	Time (min)	Peak Area
Ethanol	1.376	75.173
n-Propanol	2.470	212.202

[REDACTED]: Brooke, Phillip - (13-Feb-2020)

Case: [REDACTED] User: pbrooke 2/13/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1306154	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:41:51 PM
Data file:	C:\Chem32\1\Data\12Feb20\34.D	Analyst:	Brooke

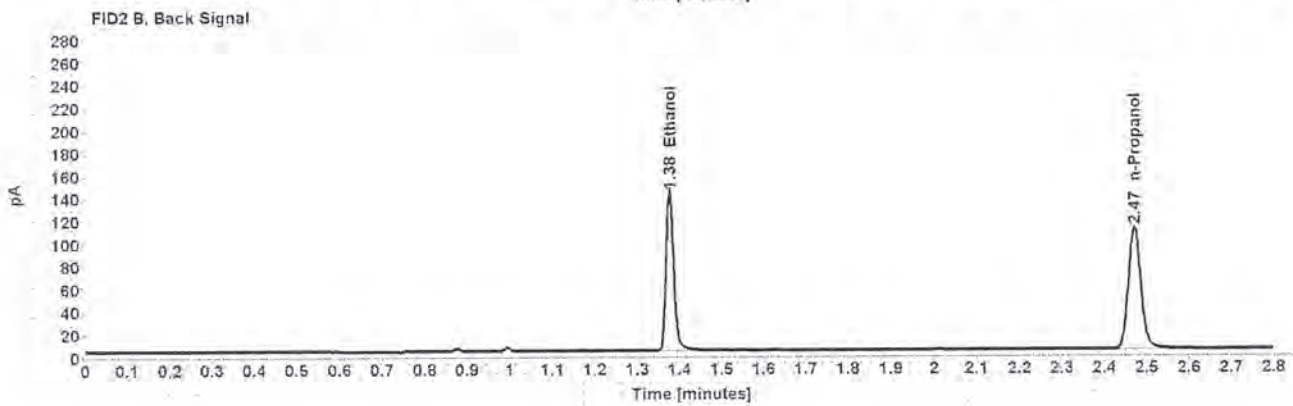
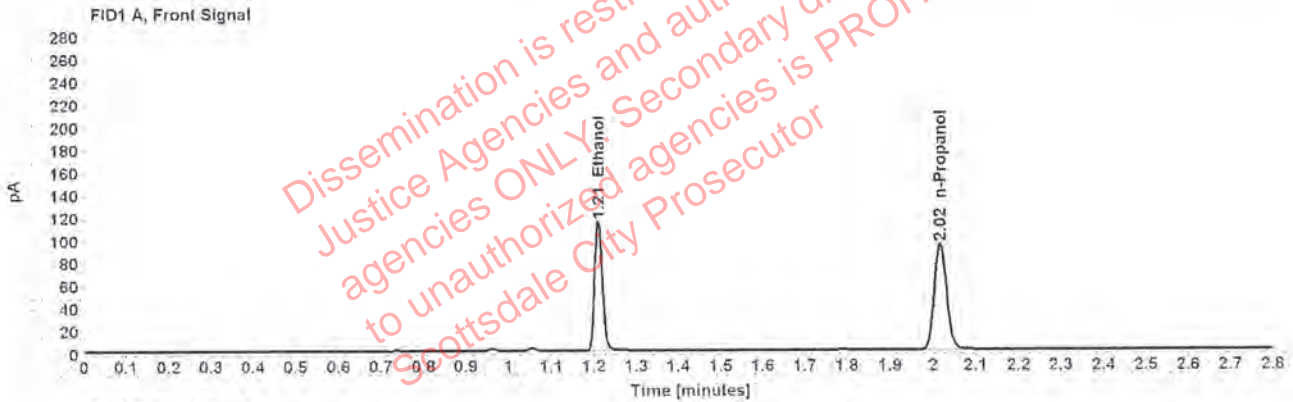


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2176	1.210	146.762
n-Propanol	-----	2.017	187.069

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

Compound	Time (min)	Peak Area
Ethanol	1.377	181.182
n-Propanol	2.470	224.001

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1306154	Vial:	35
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:45:51 PM
Data file:	C:\Chem32\1\Data\12Feb20\35.D	Analyst:	Brooke

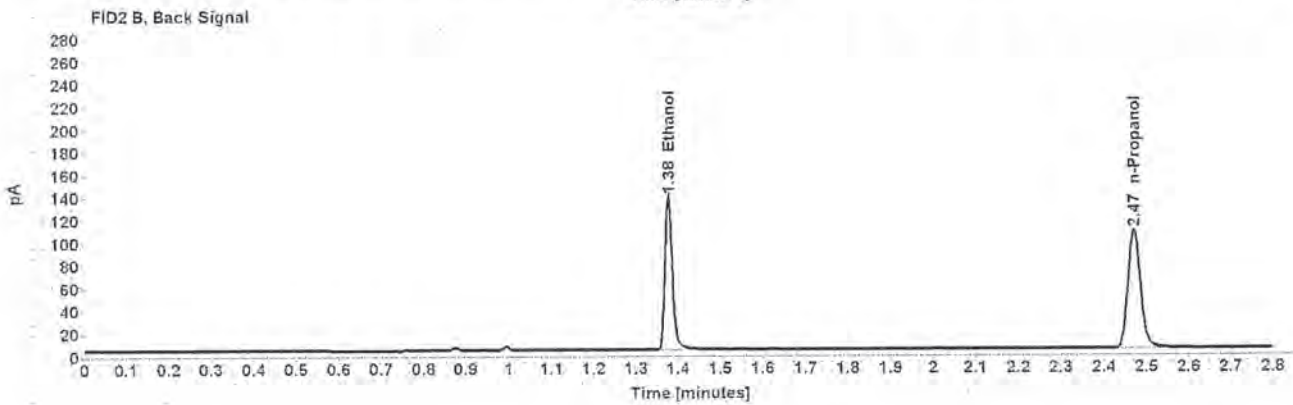
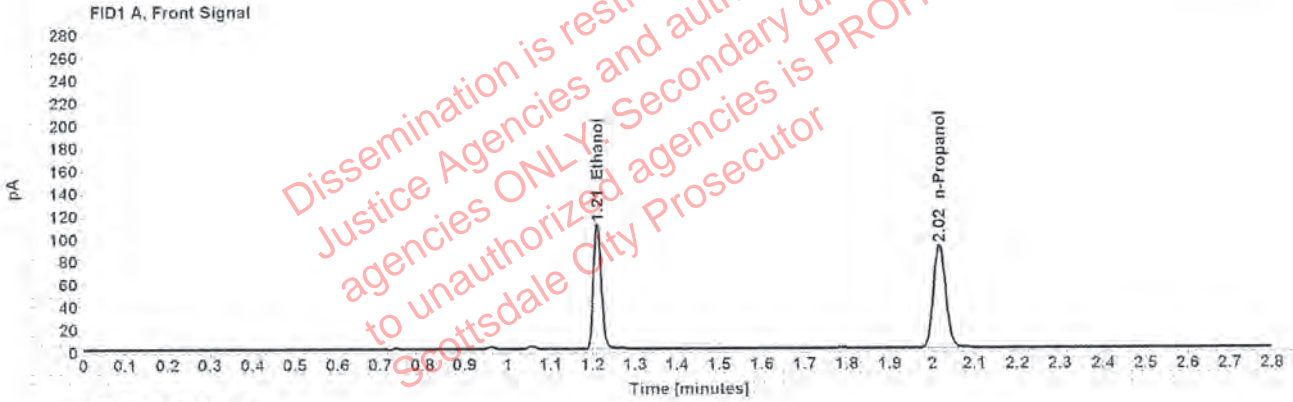


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2161	1.211	141.247
n-Propanol	-----	2.017	181.346

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

Compound	Time (min)	Peak Area
Ethanol	1.377	174.571
n-Propanol	2.470	216.951

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1308495	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:49:51 PM
Data file:	C:\Chem32\11\Data\12Feb20\36.D	Analyst:	Brooke

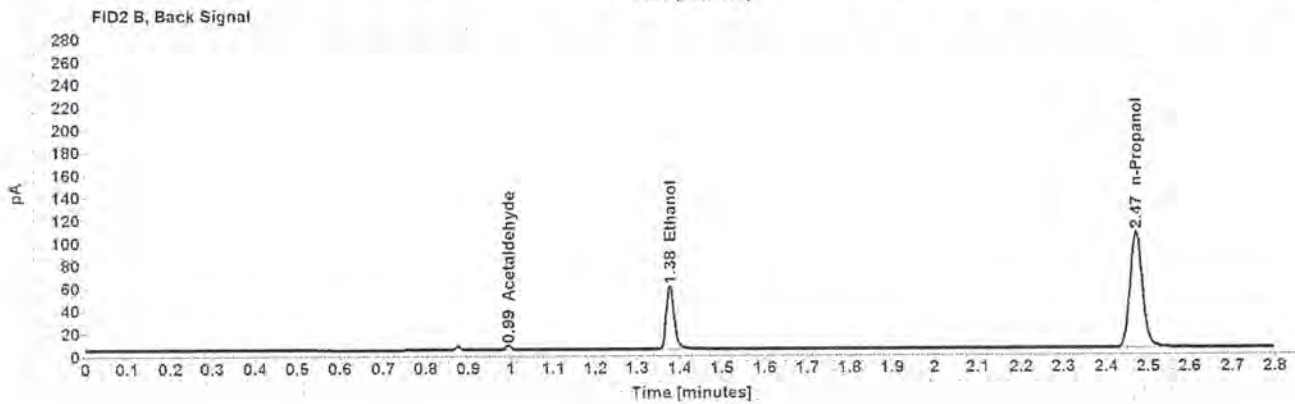
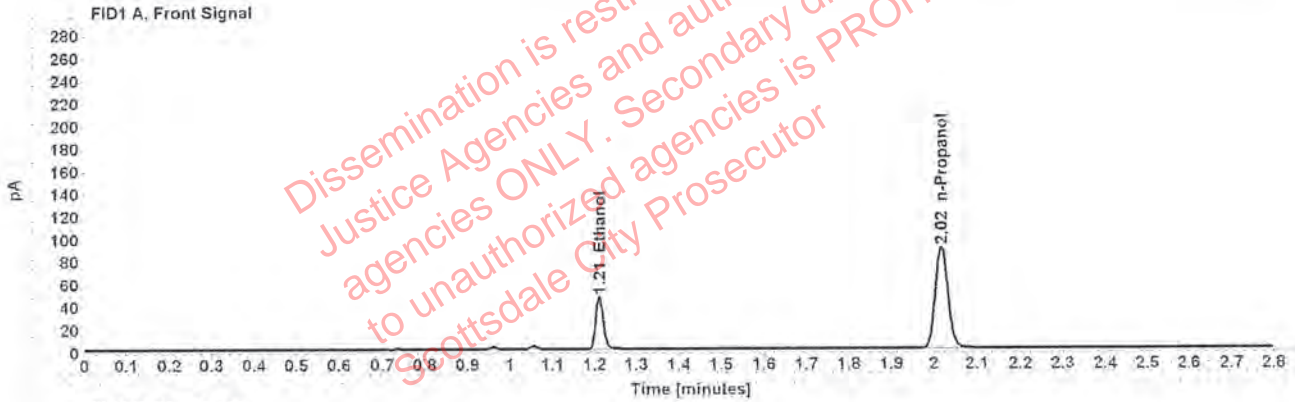


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0932	1.211	59.399
n-Propanol	-----	2.017	178.104

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.844
Ethanol	1.377	71.493
n-Propanol	2.470	213.409

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1308495	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:54:06 PM
Data file:	C:\Chem32\11\Data\12Feb20\37.D	Analyst:	Brooke

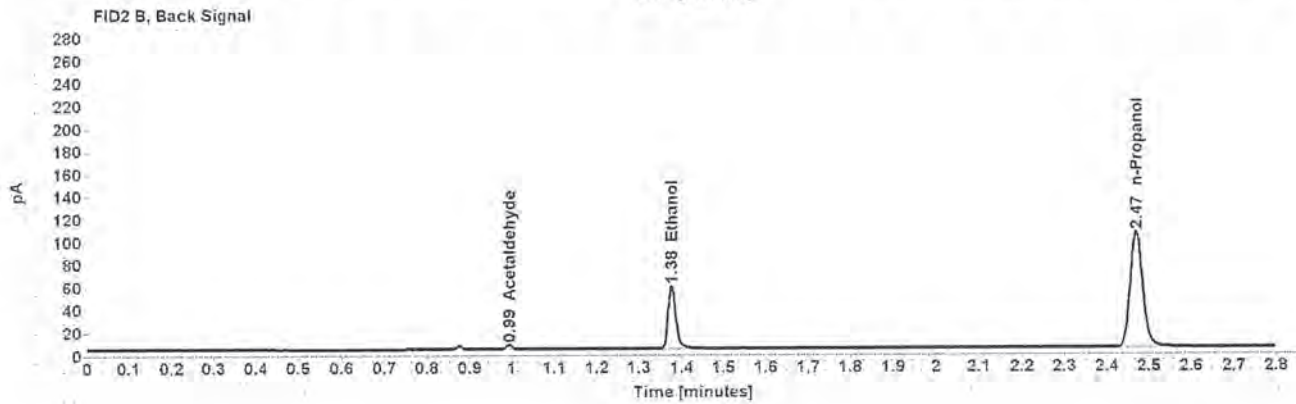
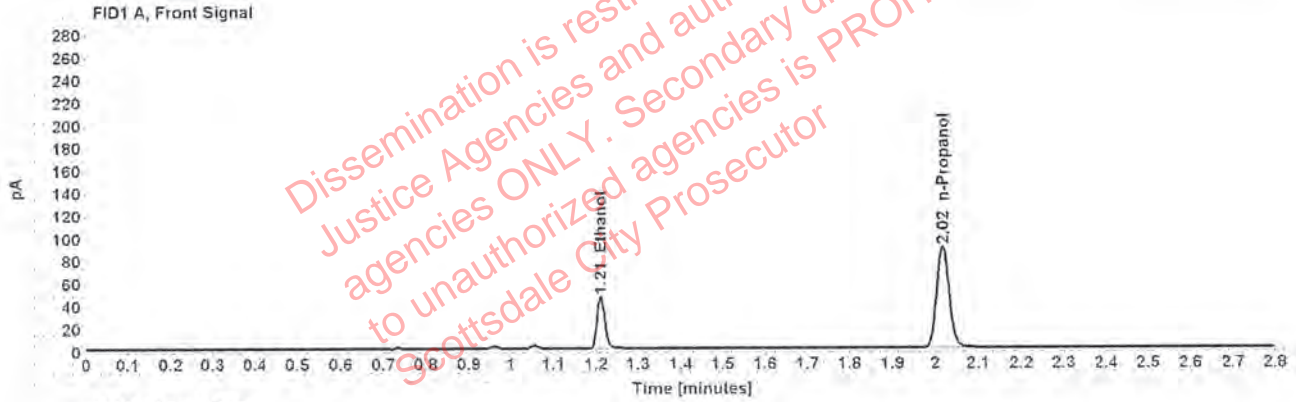


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0928	1.211	59.151
n-Propanol	-----	2.016	178.182

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.828
Ethanol	1.376	71.302
n-Propanol	2.470	212.589

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601CQ	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 12:58:06 PM
Data file:	C:\Chem32\11\Data\12Feb20\38.D	Analyst:	Brooke

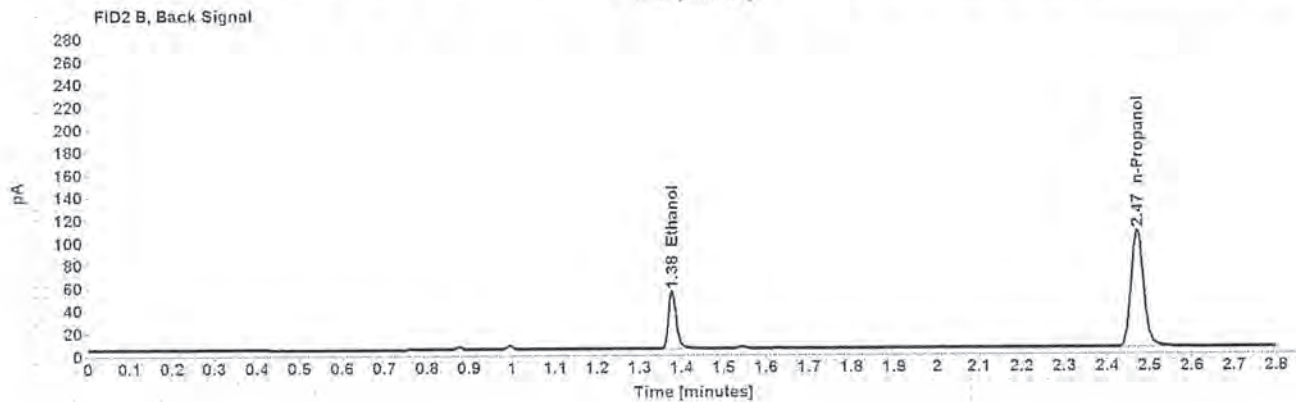
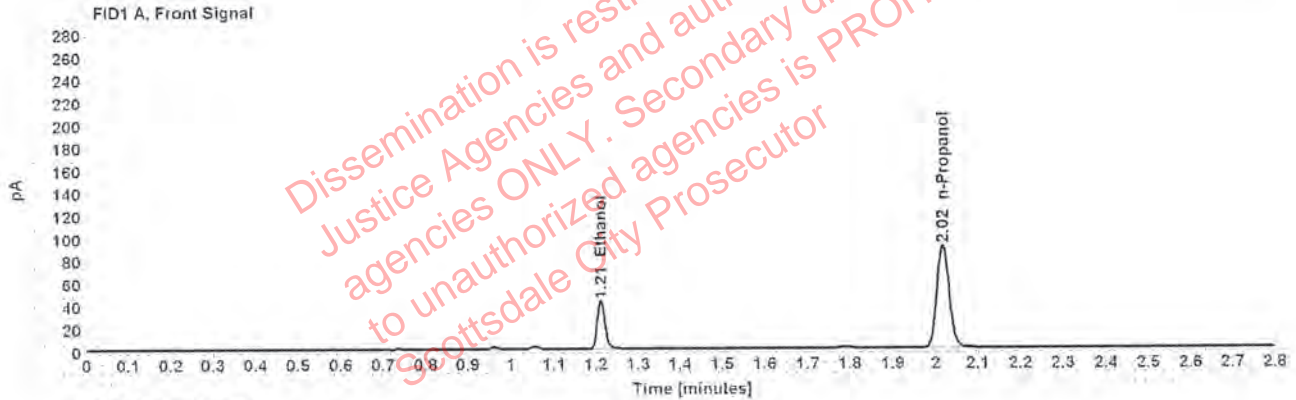


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0846	1.212	54.395
n-Propanol	-----	2.017	179.985

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

Compound	Time (min)	Peak Area
Ethanol	1.377	65.483
n-Propanol	2.470	215.903

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601CQ	Vial:	39
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 1:02:05 PM
Data file:	C:\Chem3211\Data\12Feb20\39.D	Analyst:	Brooke

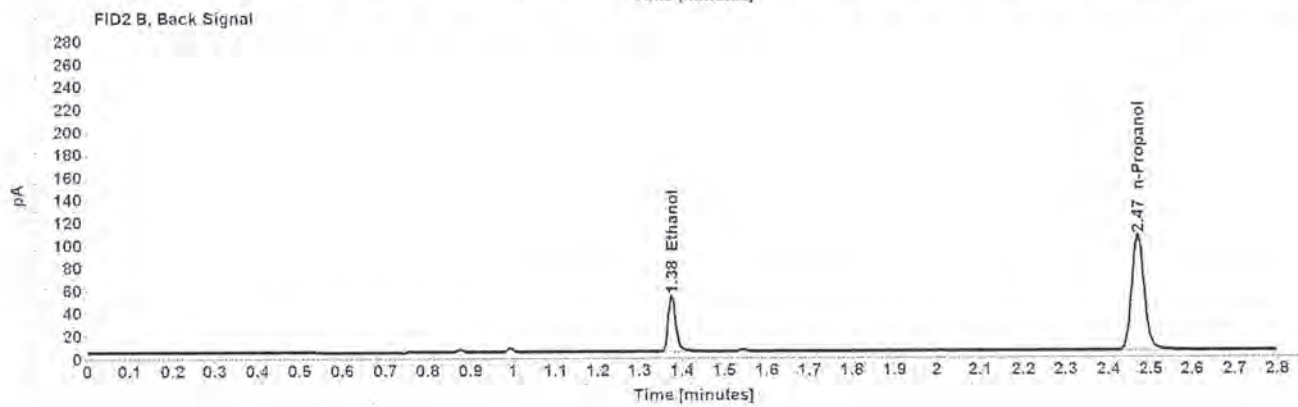
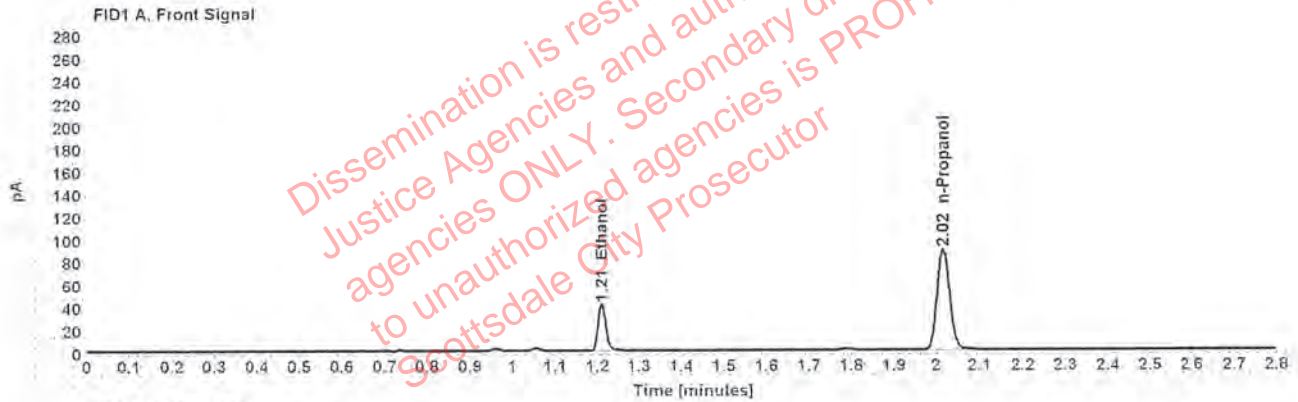


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0836	1.210	52.774
n-Propanol	-----	2.016	176.837

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

Compound	Time (min)	Peak Area
Ethanol	1.375	63.642
n-Propanol	2.469	212.013

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1304950	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 1:06:06 PM
Data file:	C:\Chem32\1\Data\12Feb20\40.D	Analyst:	Brooke

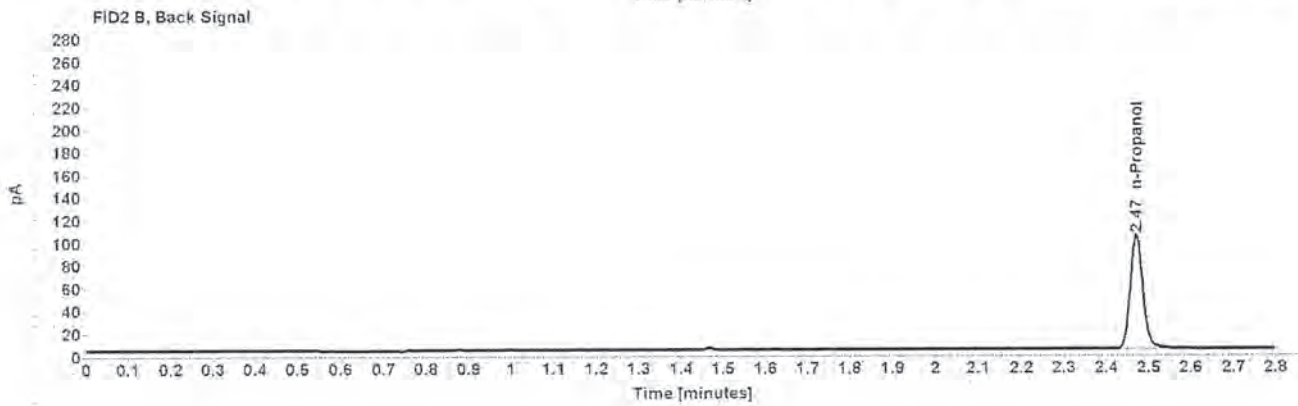


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	175.156

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	209.705

[REDACTED]: Brooke, Phillip - (13-Feb-2020)

Case: [REDACTED] User: pbrooke 2/13/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1304950	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 1:10:06 PM
Data file:	C:\Chem32\1\Data\12Feb20\41.D	Analyst:	Brooke

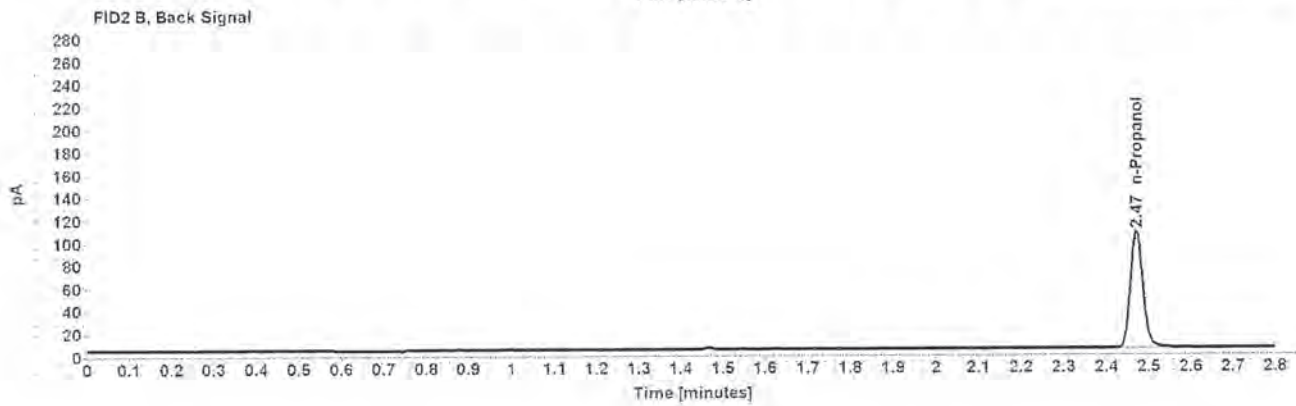


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	179.272

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	215.134

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1298155	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 1:18:21 PM
Data file:	C:\Chem32\1\Data\12Feb20\43.D	Analyst:	Brooke

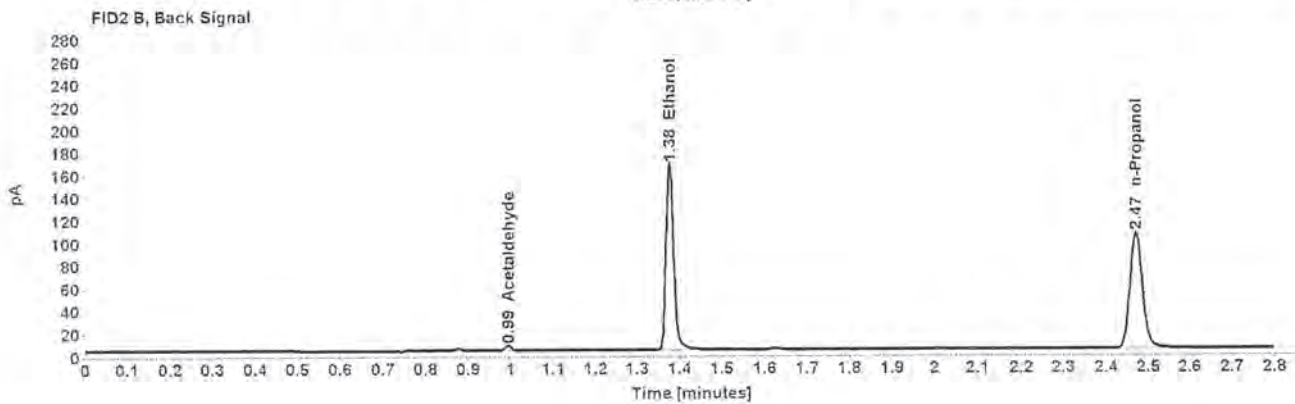
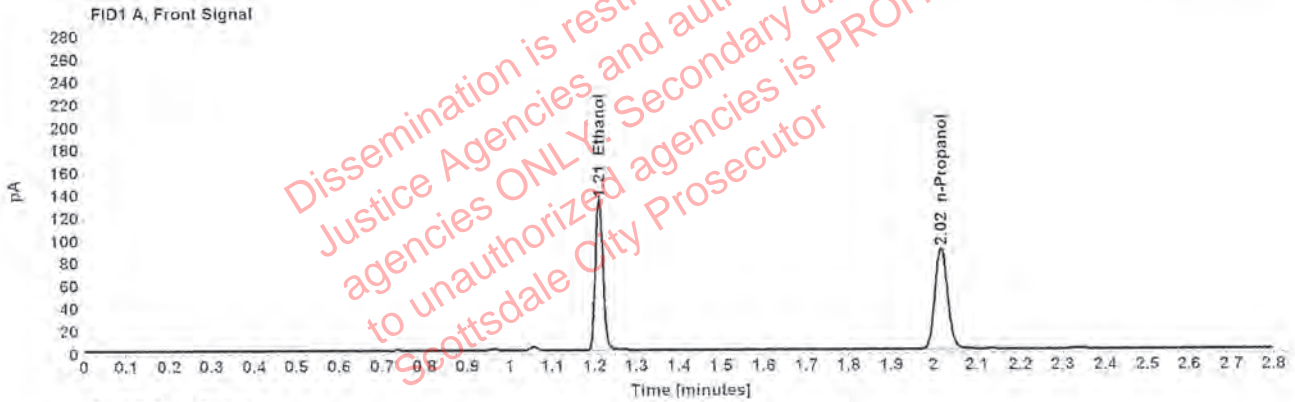


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2657	1.210	170.534
n-Propanol	-----	2.017	177.846

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.321
Ethanol	1.376	210.603
n-Propanol	2.470	214.091

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1298155	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Feb20
Instrument:	US14173023 CN14160045	Injection date:	2/12/2020 1:22:20 PM
Data file:	C:\Chem32\1\Data\12Feb20\44.D	Analyst:	Brooke

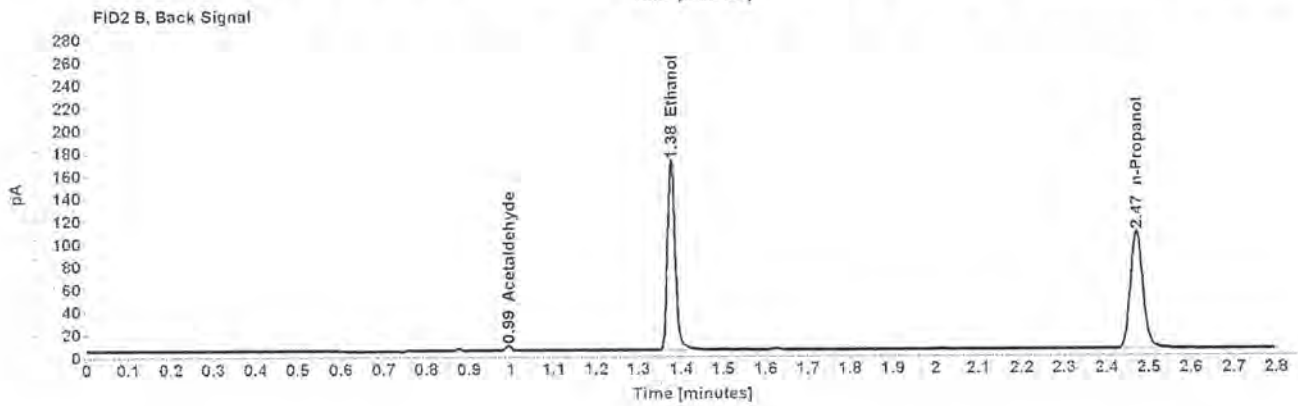
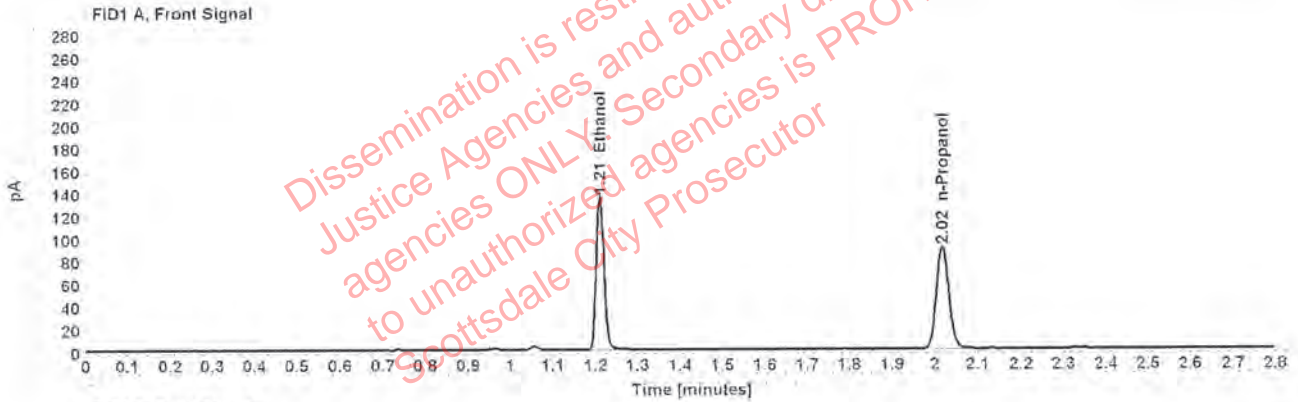


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2673	1.210	173.517
n-Propanol	-----	2.017	179.883

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.369
Ethanol	1.377	214.165
n-Propanol	2.470	215.429