

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 01/17/2020 SEQUENCE NAME 17Jan20

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 0.99980
 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 mixture	6 compounds	6 compounds	SPD lab 070819
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.039 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	0.079 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.150 g/dL	0.150 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
51	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 11092018-A
52	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
53	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
54	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Camarico Analyst
 Run valid Run invalid KOSECKI Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

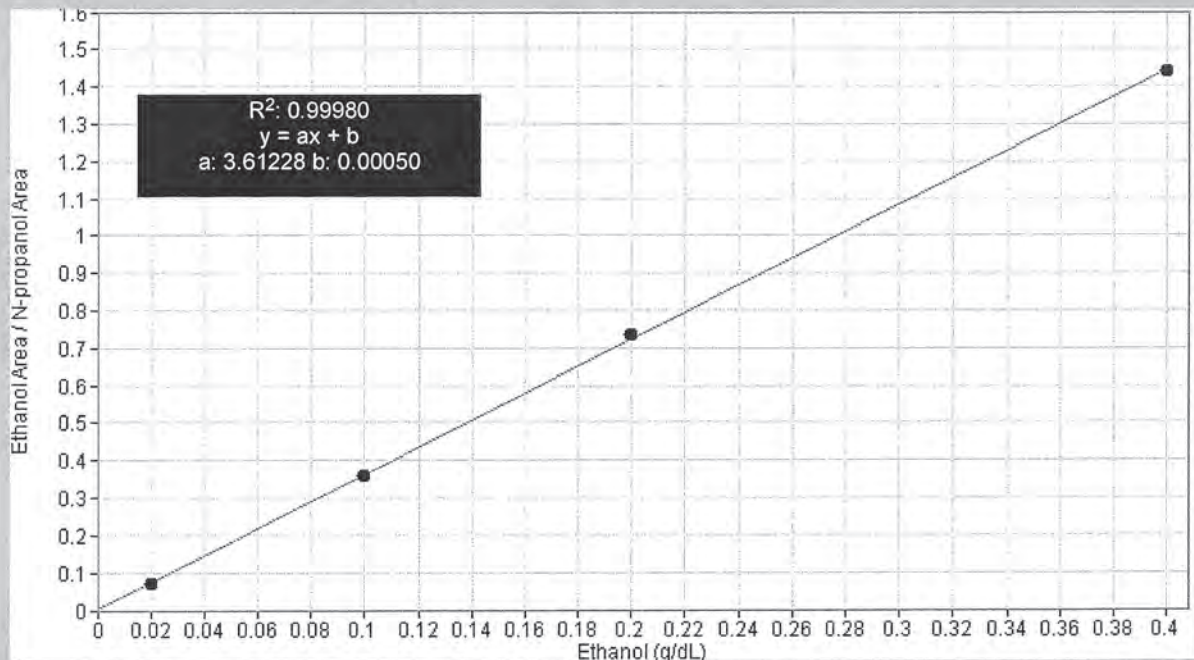
SEQUENCE NAME: 17Jan20

ANALYST: Canonico *ee*

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	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.039	0.040	2.50	-0.001
0.198 407041529/13	9	0.199	0.198	0.51	0.001
0.080 03102016-A/1	20	0.079	0.080	2.25	-0.001
0.150 09022015-C	31	0.156	0.150	0.00	0.000
0.198 407041529/13	42	0.200	0.198	1.01	0.002
0.400 11092018-A	51	0.402	0.400	0.50	0.002
0.040 14082019-B	52	0.040	0.040	0.00	0.000
0.198 407041529/13	53	0.201	0.198	1.52	0.003
blank 040919WB	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.673	168.758	0.069
0.100	61.634	172.246	0.358
0.200	130.323	177.168	0.736
0.400	246.387	171.073	1.440

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 17Jan20
Method: ethanol quant.M	Injection date: 1/17/2020 1:34:10 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\17Jan20\1.D	

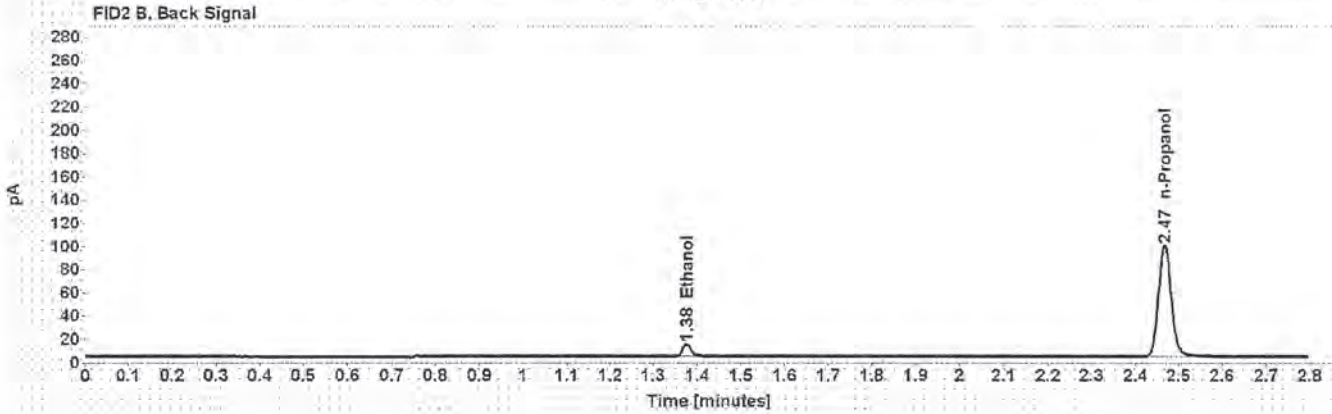


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.673
n-Propanol	2.015	168.758

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.126
n-Propanol	2.467	198.035

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 17Jan20
Method: ethanol quant.M	Injection date: 1/17/2020 1:38:10 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ec</i>
Data file: C:\Chem32\1\Data\17Jan20\2.D	

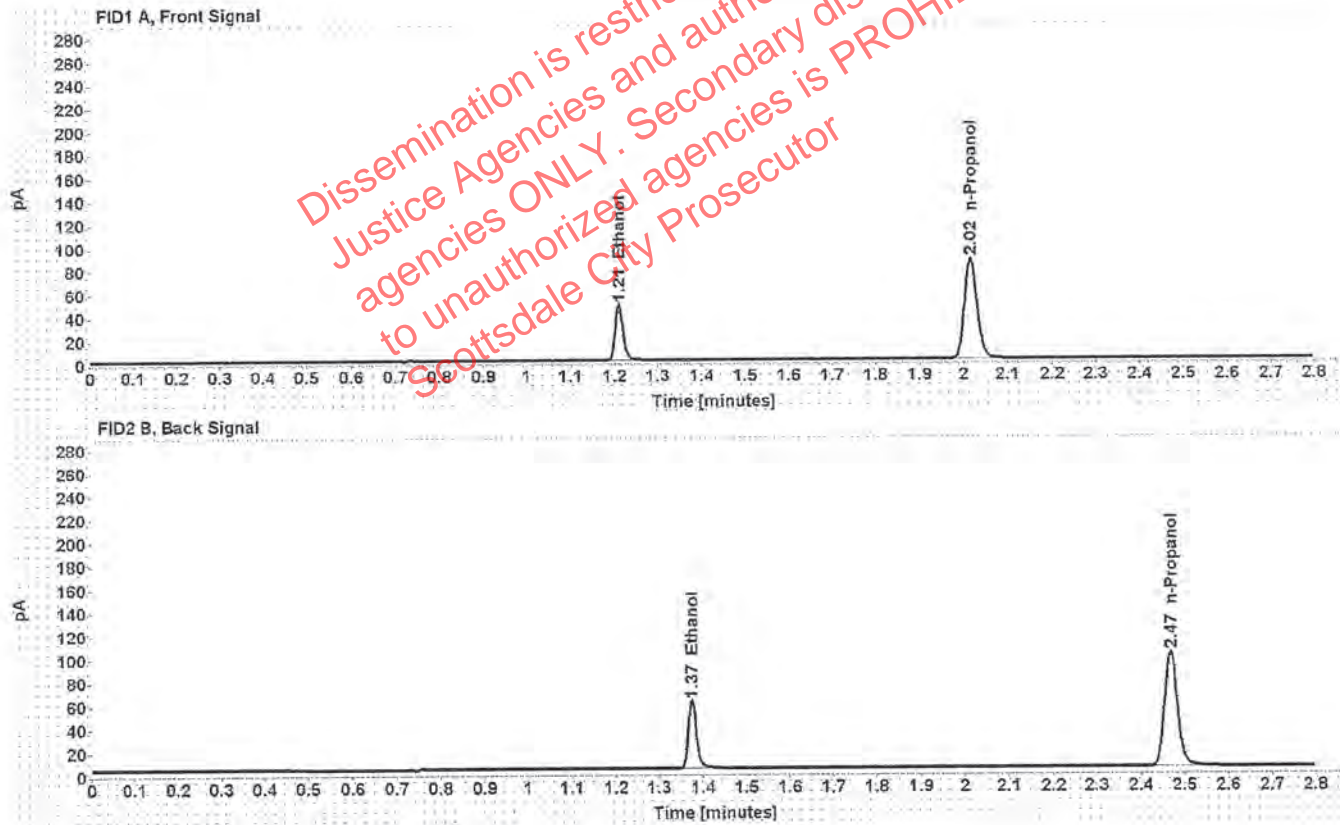


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.634
n-Propanol	2.015	172.246

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

Compound	Time (min)	Peak Area
Ethanol	1.375	75.019
n-Propanol	2.468	203.349

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 17Jan20
Method: ethanol quant.M	Injection date: 1/17/2020 1:42:10 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ee</i>
Data file: C:\Chem32\1\Data\17Jan20\3.D	

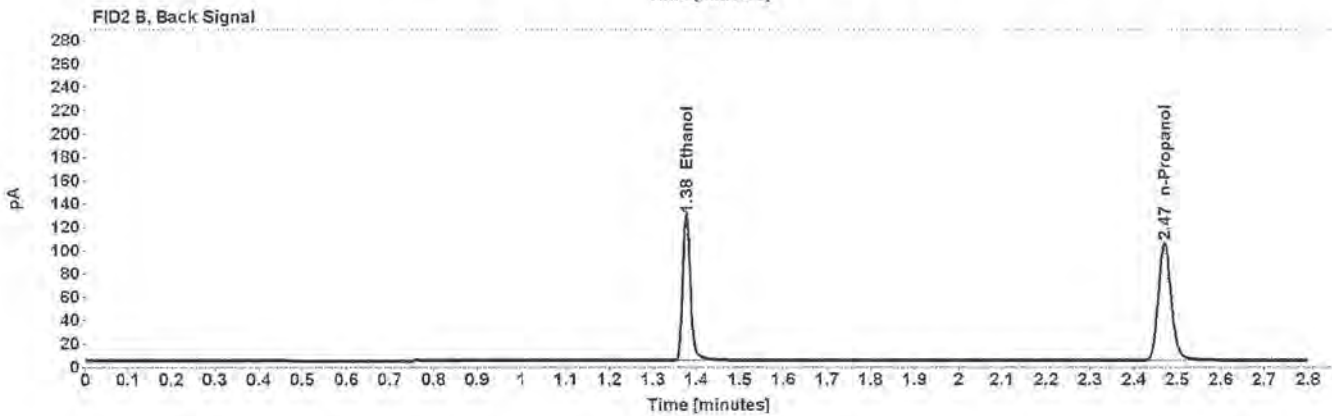
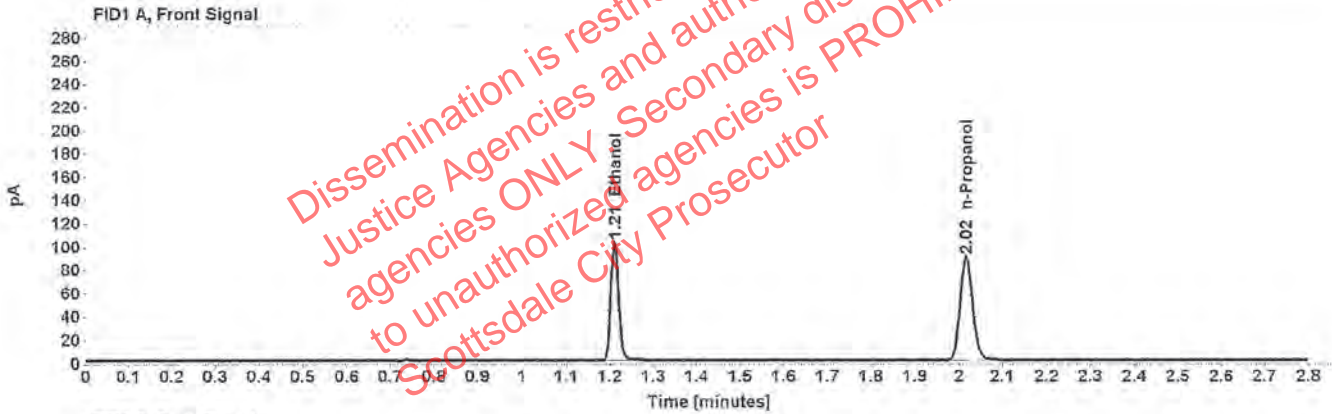


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	130.323
n-Propanol	2.017	177.168

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

Compound	Time (min)	Peak Area
Ethanol	1.377	159.137
n-Propanol	2.470	209.467

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 17Jan20
Method: ethanol quant.M	Injection date: 1/17/2020 1:46:10 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ee</i>
Data file: C:\Chem32\1\Data\17Jan20\4.D	

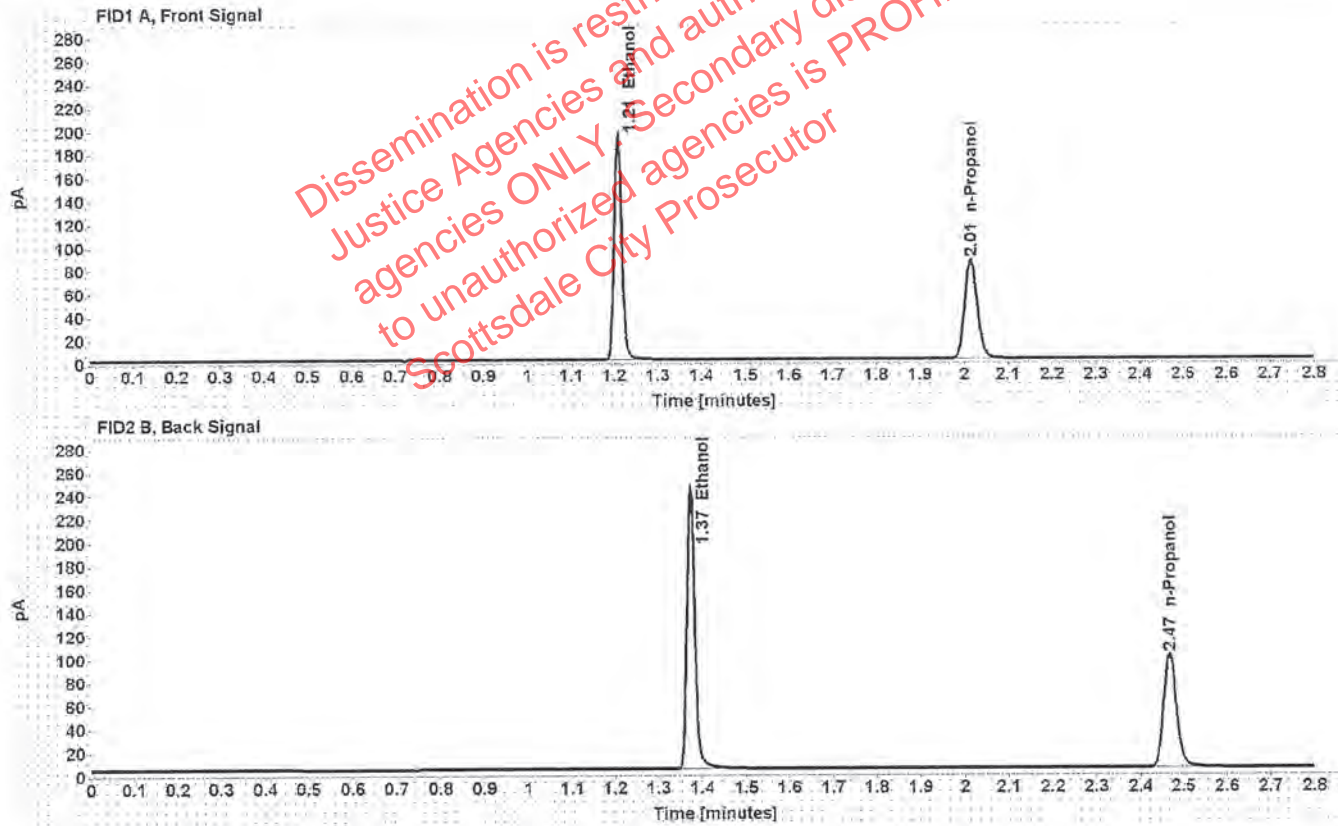


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	246.387
n-Propanol	2.015	171.073

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

Compound	Time (min)	Peak Area
Ethanol	1.373	301.944
n-Propanol	2.467	202.643

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	121219	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 1:50:10 PM
Data file:	C:\Chem32\1\Data\17Jan20\5.D	Analyst:	Canonico <i>ec</i>

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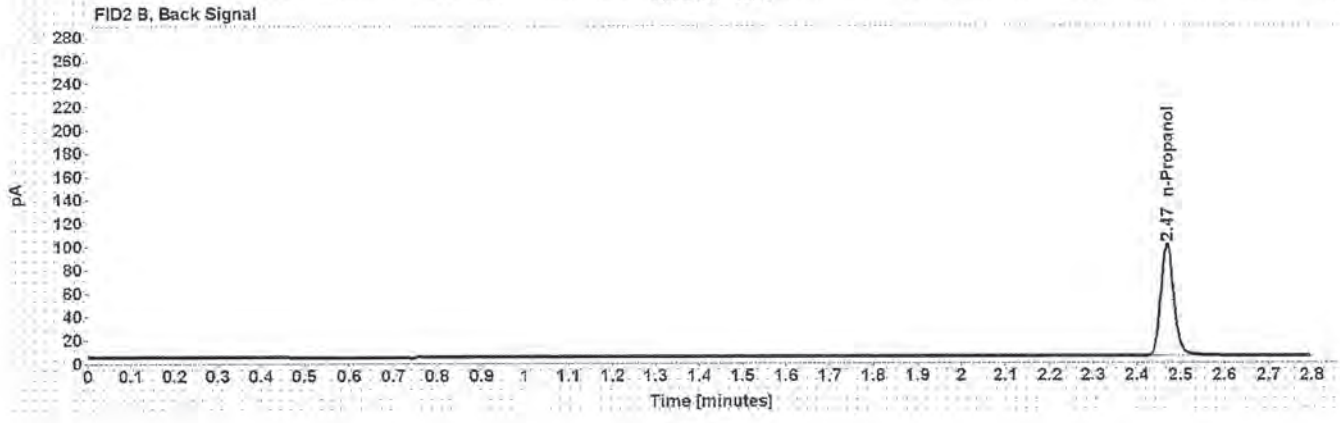
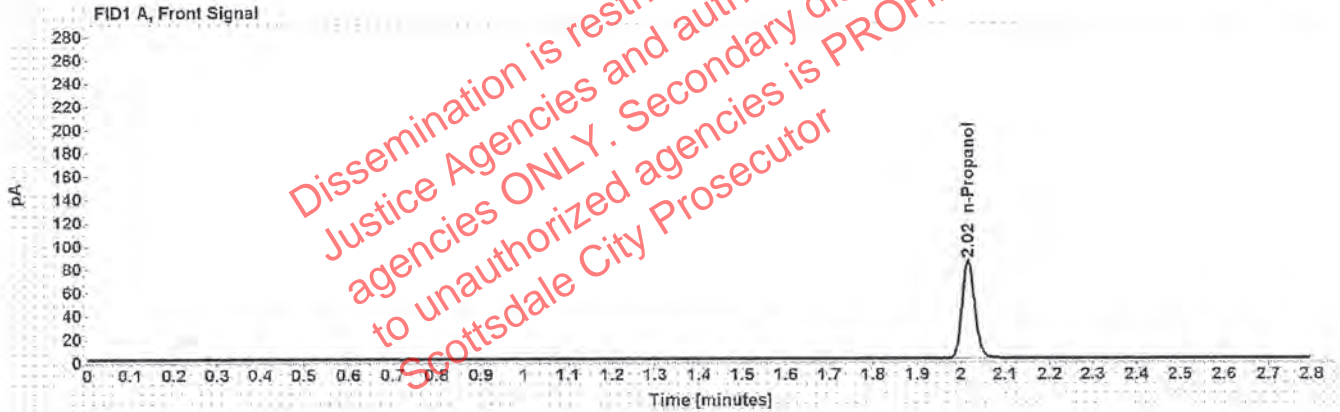


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	168.719

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	198.770

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	070819	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 1:54:10 PM
Data file:	C:\Chem32\1\Data\17Jan20\6.D	Analyst:	Canonico <i>FC</i>

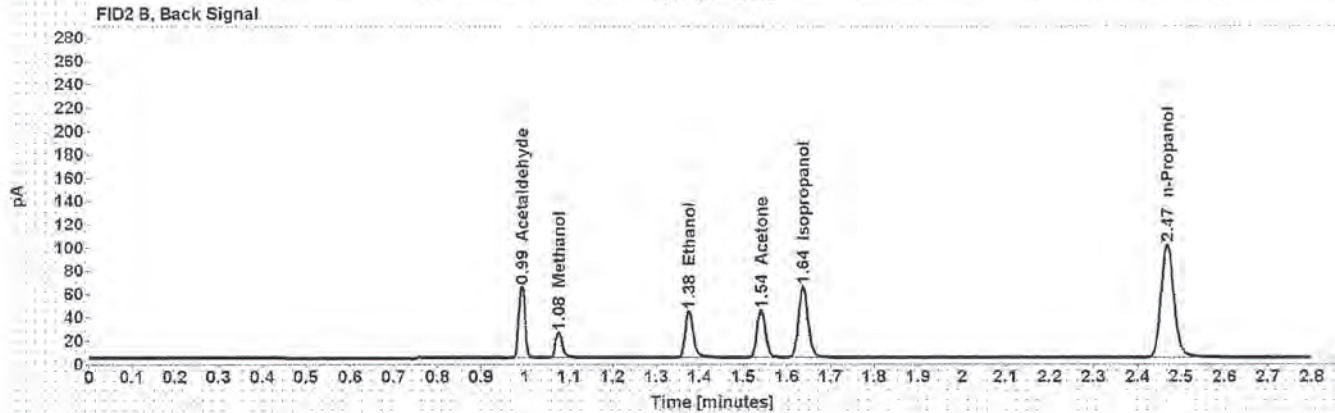
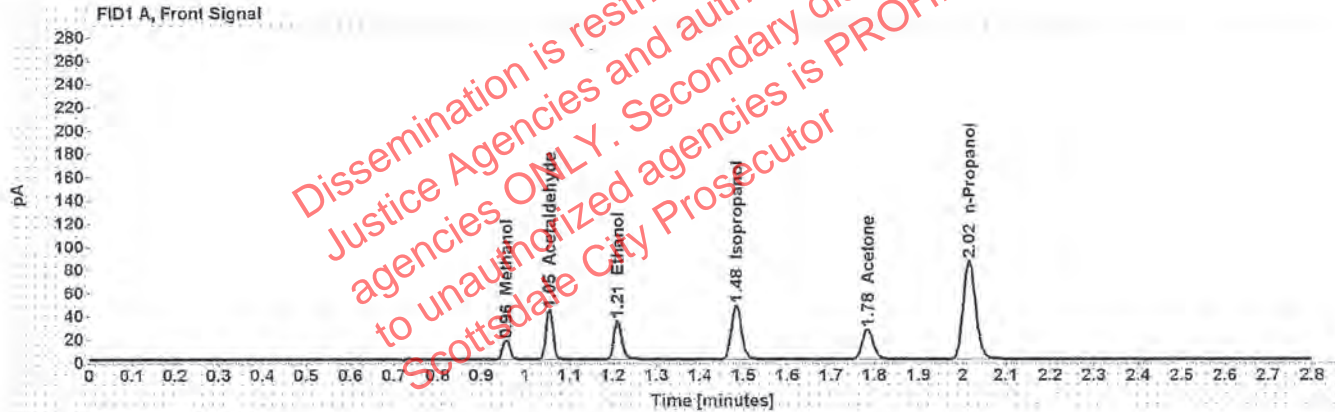


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	19.062
Acetaldehyde	-----	1.054	46.661
>Ethanol	0.0699	1.210	43.040
Isopropanol	-----	1.483	75.325
Acetone	-----	1.783	45.044
n-Propanol	-----	2.015	170.091

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	60.573
Methanol	1.076	24.213
Ethanol	1.375	52.001
Acetone	1.541	53.724
Isopropanol	1.637	93.575
n-Propanol	2.468	201.787

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 1:58:24 PM
Data file:	C:\Chem32\1\Data\17Jan20\7.D	Analyst:	Canonico <i>ec</i>

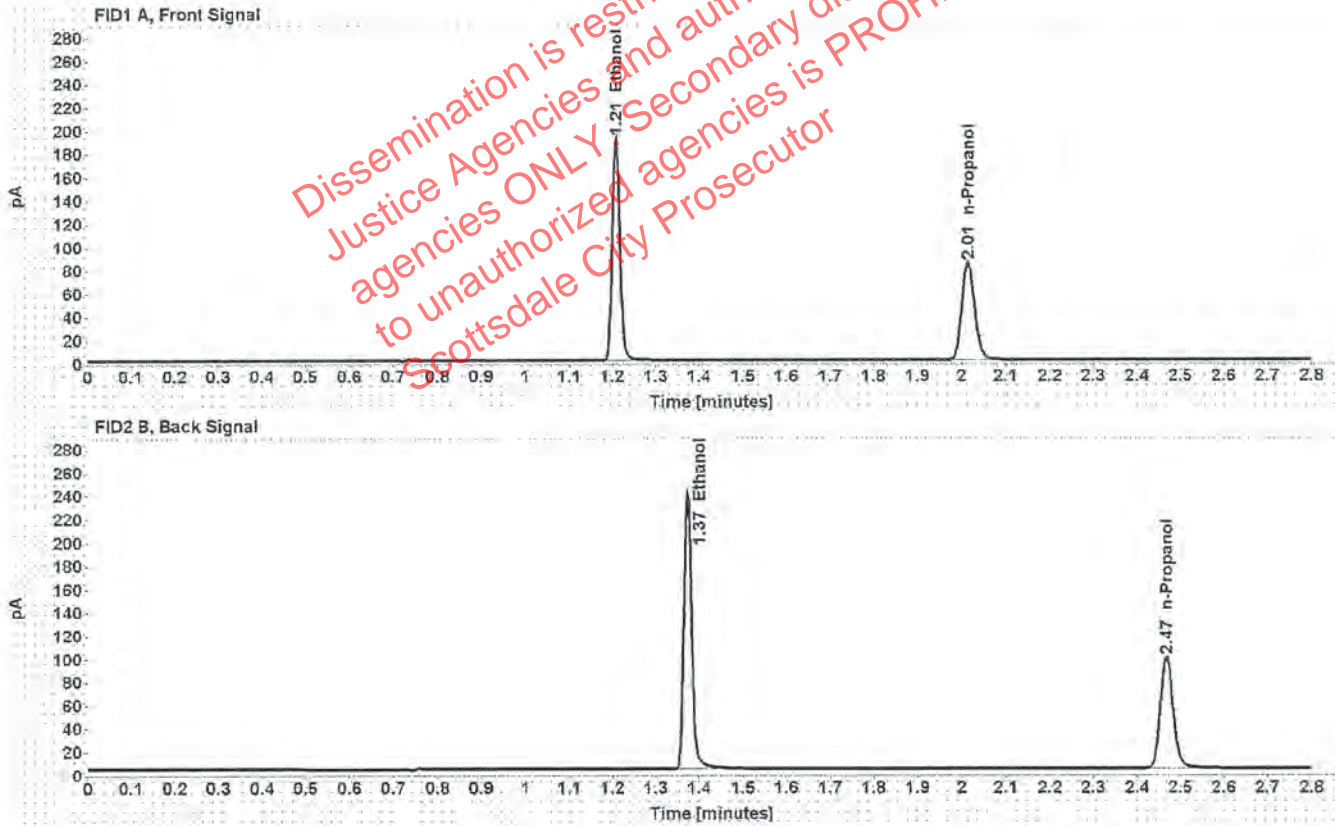


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3994	1.208	243.432
n-Propanol	-----	2.015	168.682

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

Compound	Time (min)	Peak Area
Ethanol	1.373	299.013
n-Propanol	2.467	199.783

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 17Jan20
Instrument: US14173023 CN14160045	Injection date: 1/17/2020 2:02:25 PM
Data file: C:\Chem32\1\Data\17Jan20\8.D	Analyst: Canonico <i>ee</i>

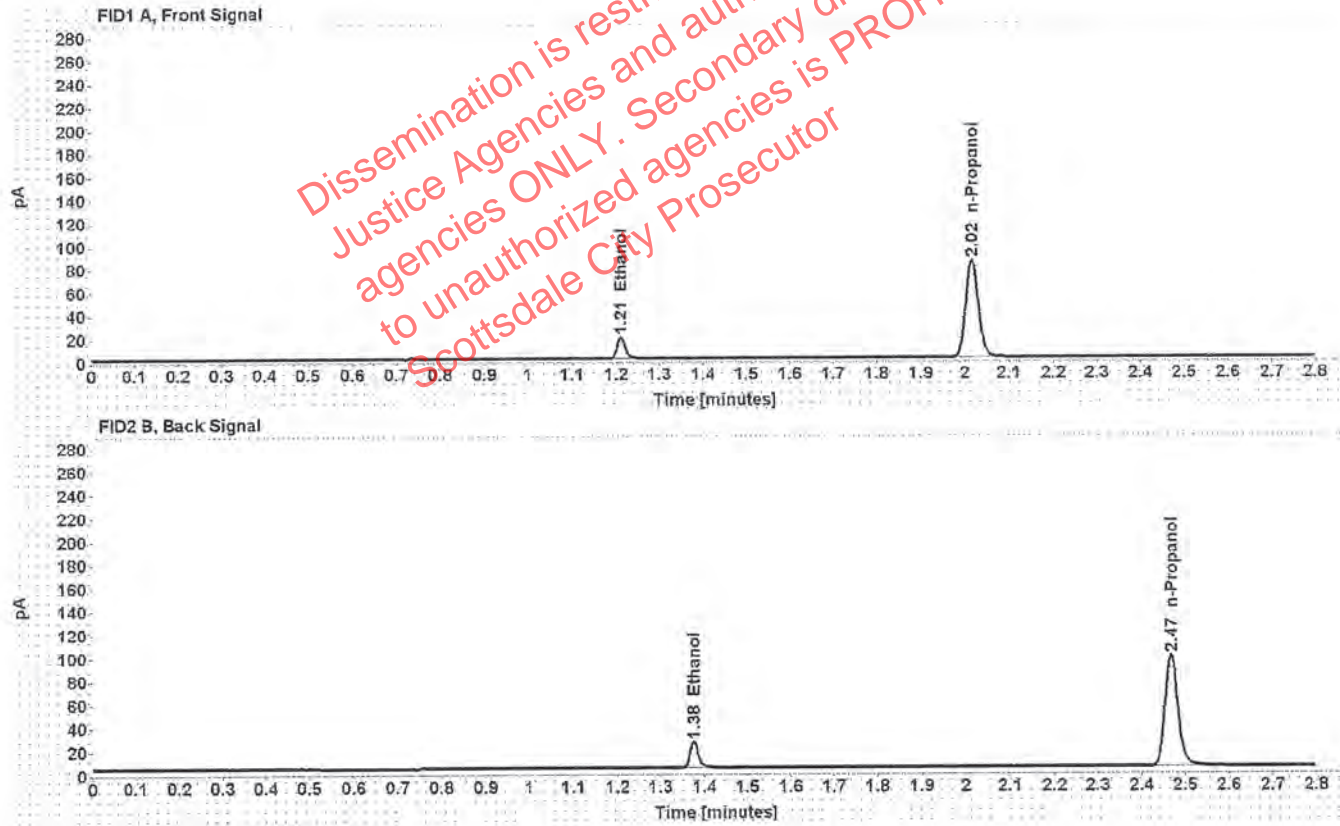


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0395	1.211	24.070
n-Propanol	-----	2.015	168.031

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

Compound	Time (min)	Peak Area
Ethanol	1.376	28.929
n-Propanol	2.468	198.195

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	9
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:06:25 PM
Data file:	C:\Chem32\1\Data\17Jan20\9.D	Analyst:	Canonico <i>EE</i>

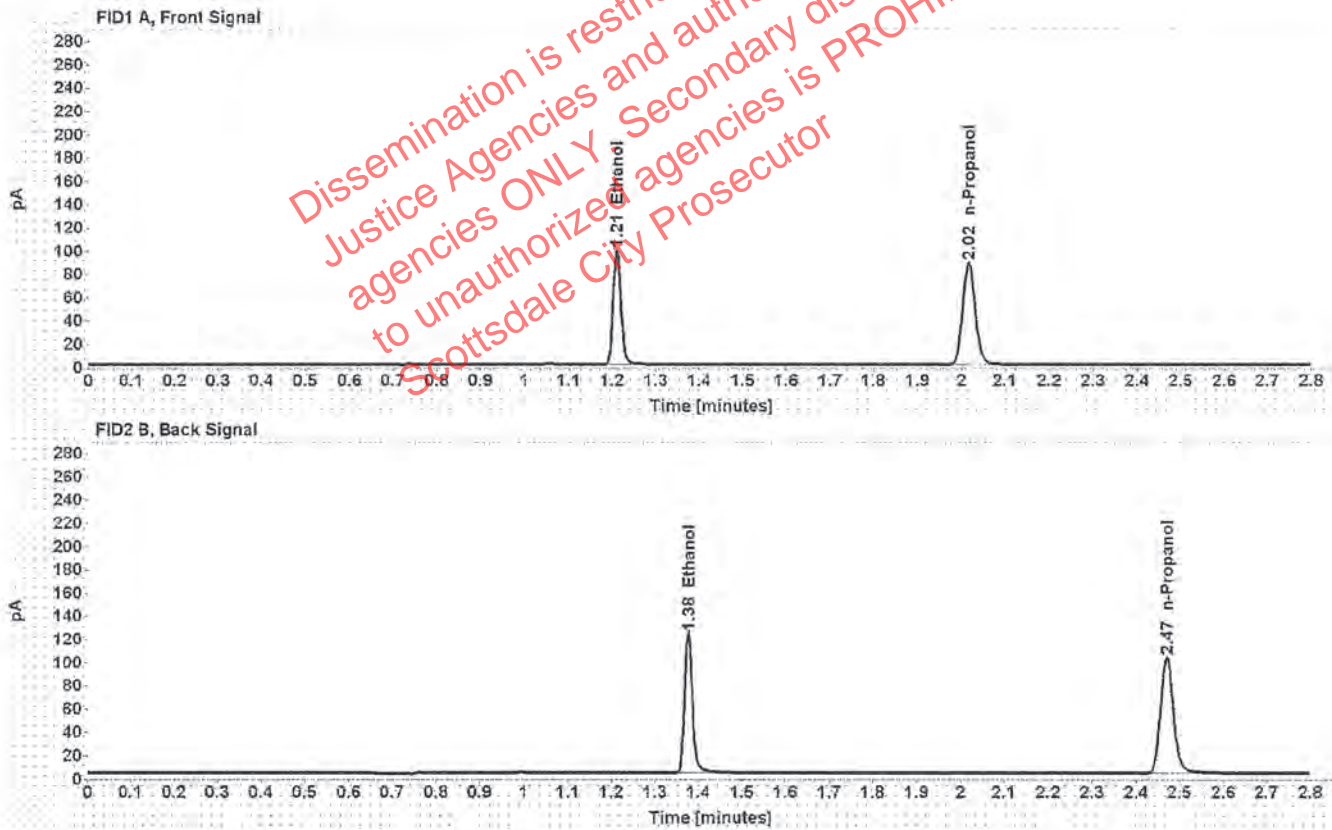


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.210	126.264
n-Propanol	-----	2.016	175.309

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

Compound	Time (min)	Peak Area
Ethanol	1.376	154.072
n-Propanol	2.470	207.585

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 17Jan20
Instrument: US14173023 CN14160045	Injection date: 1/17/2020 2:50:55 PM
Data file: C:\Chem32\1\Data\17Jan20\20.D	Analyst: Canonico <i>SC</i>

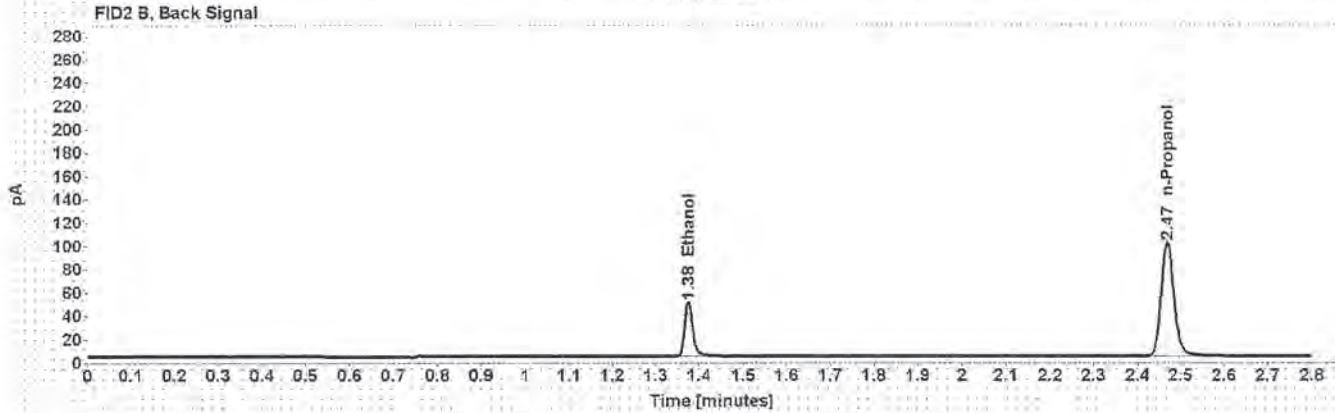
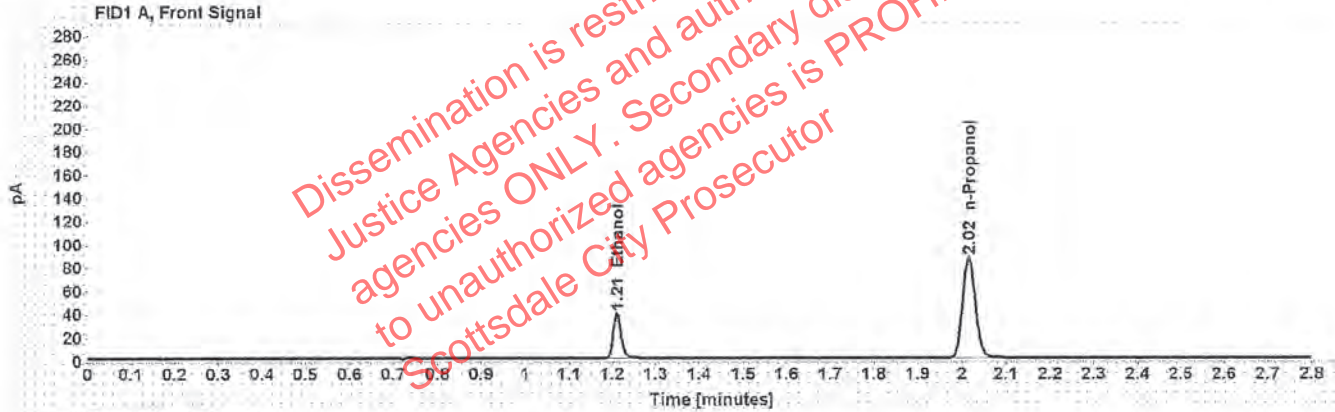


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0796	1.210	49.723
n-Propanol	-----	2.016	172.533

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

Compound	Time (min)	Peak Area
Ethanol	1.376	60.488
n-Propanol	2.469	204.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-C	Vial: 31
Description: 0.150	LIMS ID:
Method: ethanol quant.M	Sequence: 17Jan20
Instrument: US14173023 CN14160045	Injection date: 1/17/2020 3:35:27 PM
Data file: C:\Chem32\1\Data\17Jan20\31.D	Analyst: Canonico <i>EC</i>

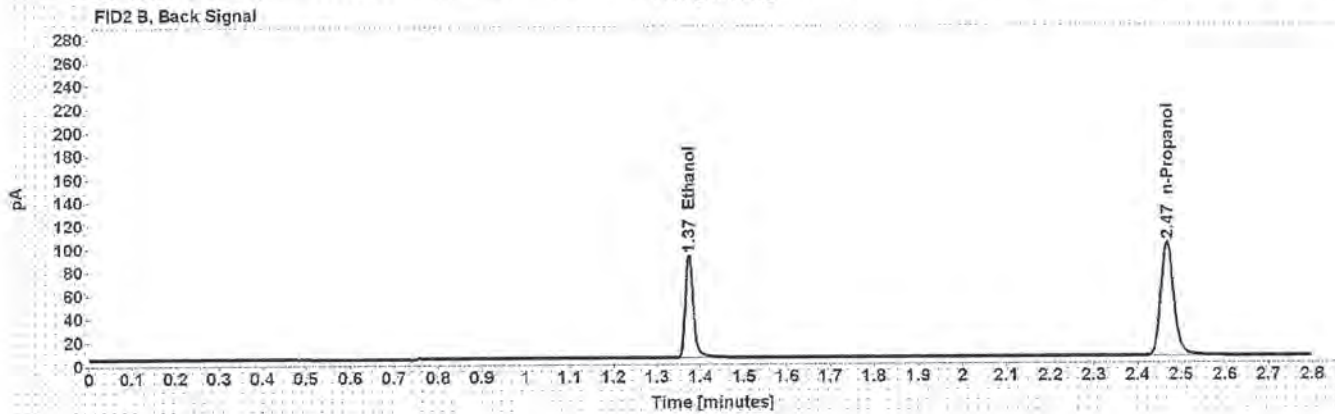
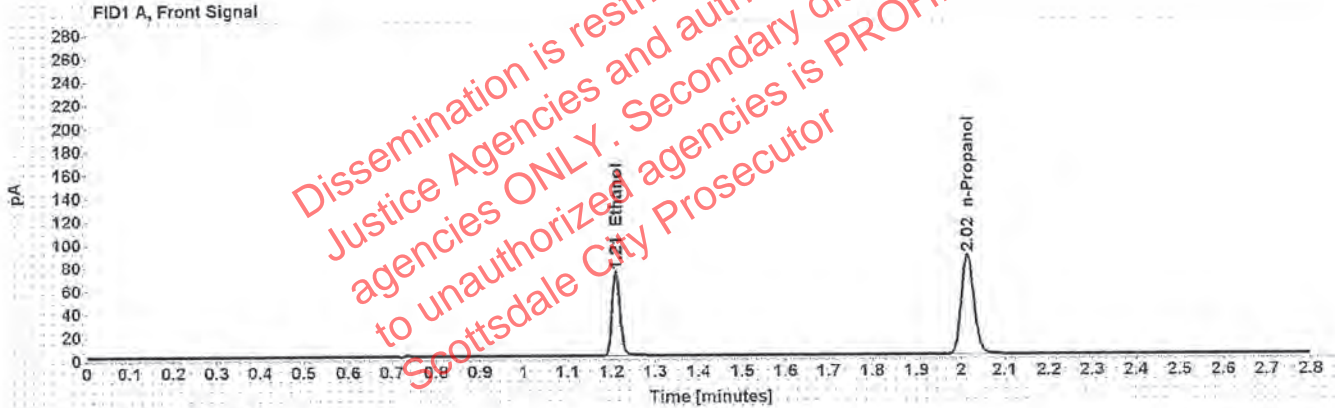


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1500	1.209	93.392
n-Propanol	-----	2.015	172.193

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

Compound	Time (min)	Peak Area
Ethanol	1.374	113.512
n-Propanol	2.468	203.763

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 42
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 17Jan20
Instrument: US14173023 CN14160045	Injection date: 1/17/2020 4:19:41 PM
Data file: C:\Chem32\1\Data\17Jan20\42.D	Analyst: Canonico <i>ec</i>

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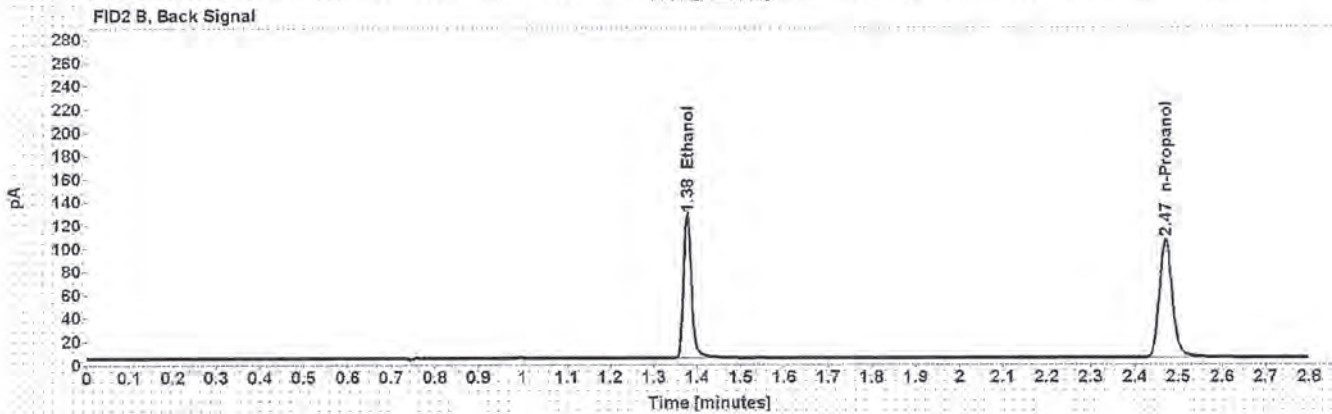
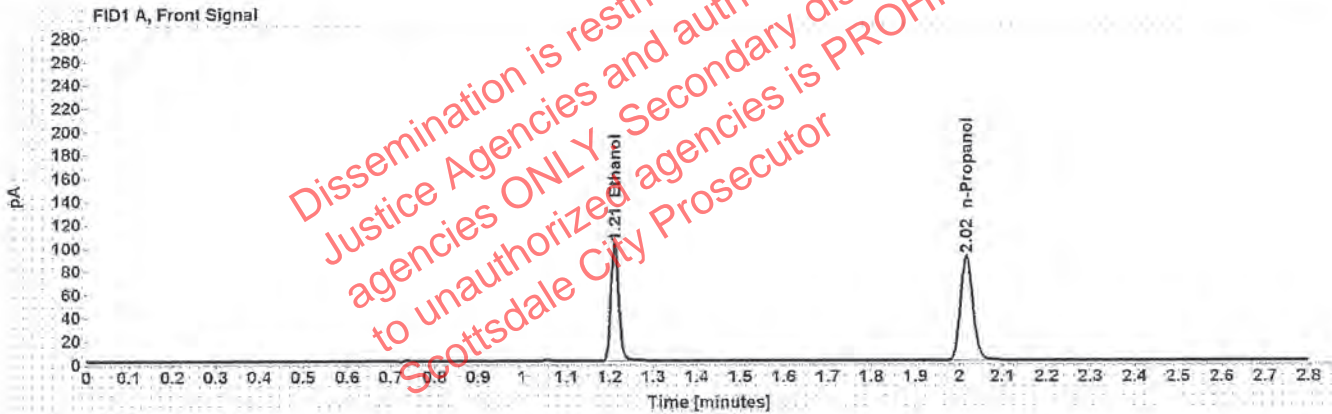


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2000	1.211	129.608
n-Propanol	-----	2.017	179.296

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

Compound	Time (min)	Peak Area
Ethanol	1.377	158.715
n-Propanol	2.470	213.638

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 51
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 17Jan20
Instrument: US14173023 CN14160045	Injection date: 1/17/2020 4:56:11 PM
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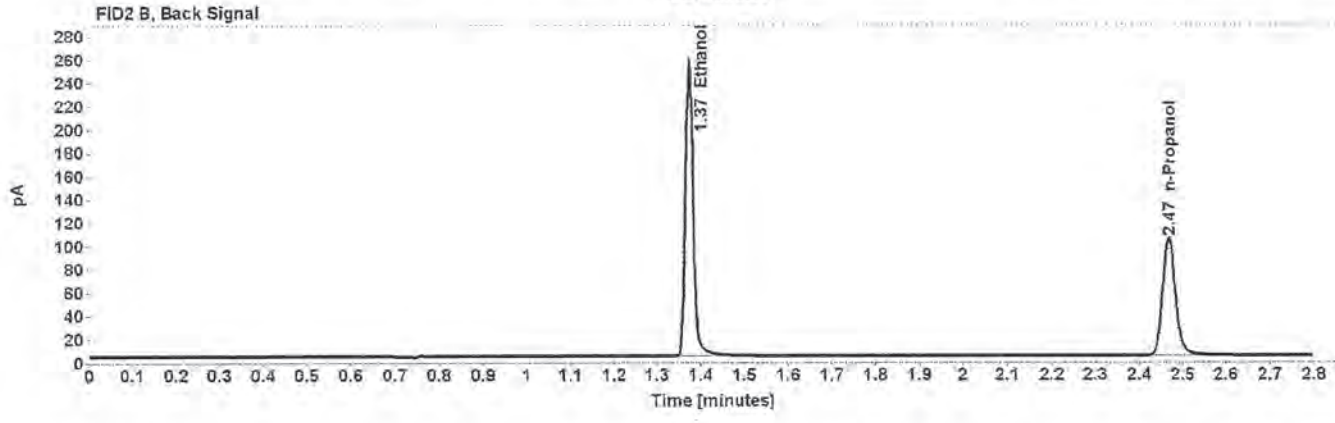
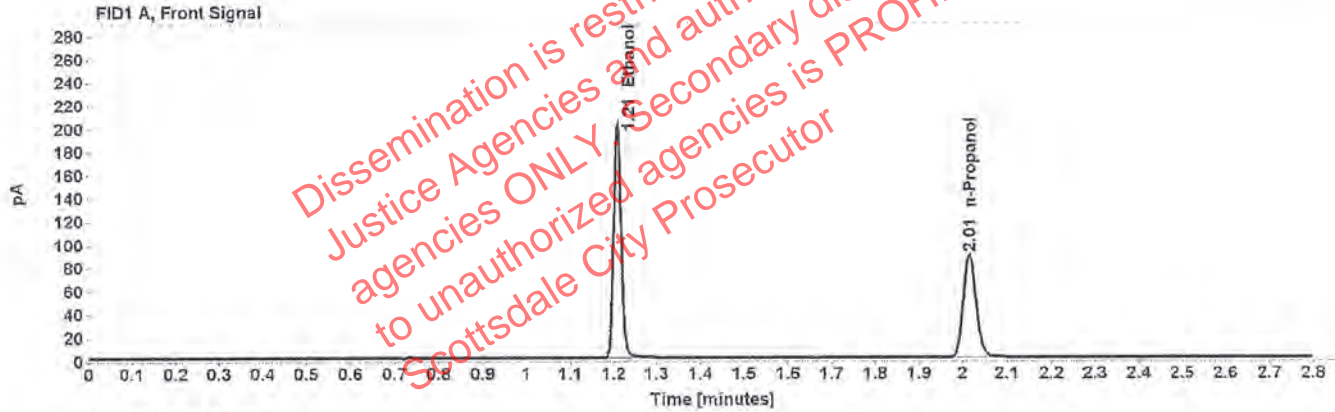


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4023	1.208	256.317
n-Propanol	-----	2.015	176.301

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

Compound	Time (min)	Peak Area
Ethanol	1.374	315.730
n-Propanol	2.468	210.277

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 52
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 17Jan20
Instrument: US14173023 CN14160045	Injection date: 1/17/2020 5:00:10 PM
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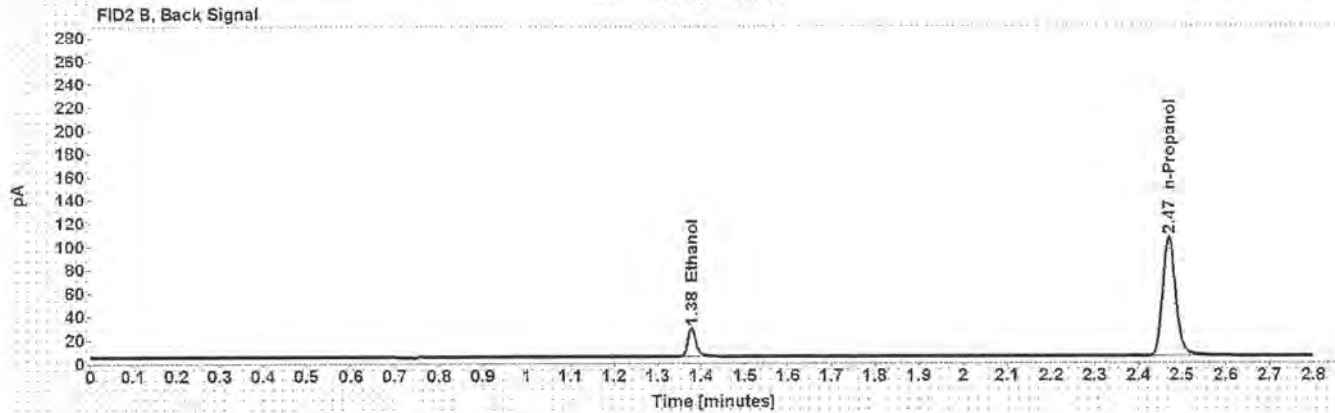
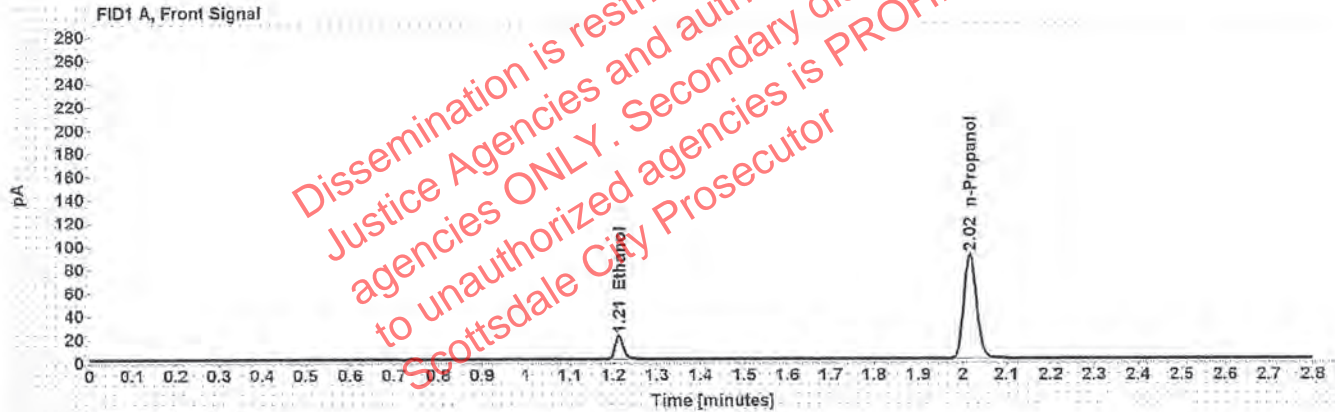


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0405	1.212	26.339
n-Propanol	-----	2.016	179.538

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

Compound	Time (min)	Peak Area
Ethanol	1.378	31.811
n-Propanol	2.470	212.783

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	53
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 5:04:10 PM
Data file:	C:\Chem32\1\Data\17Jan20\53.D	Analyst:	Canonico <i>EC</i>

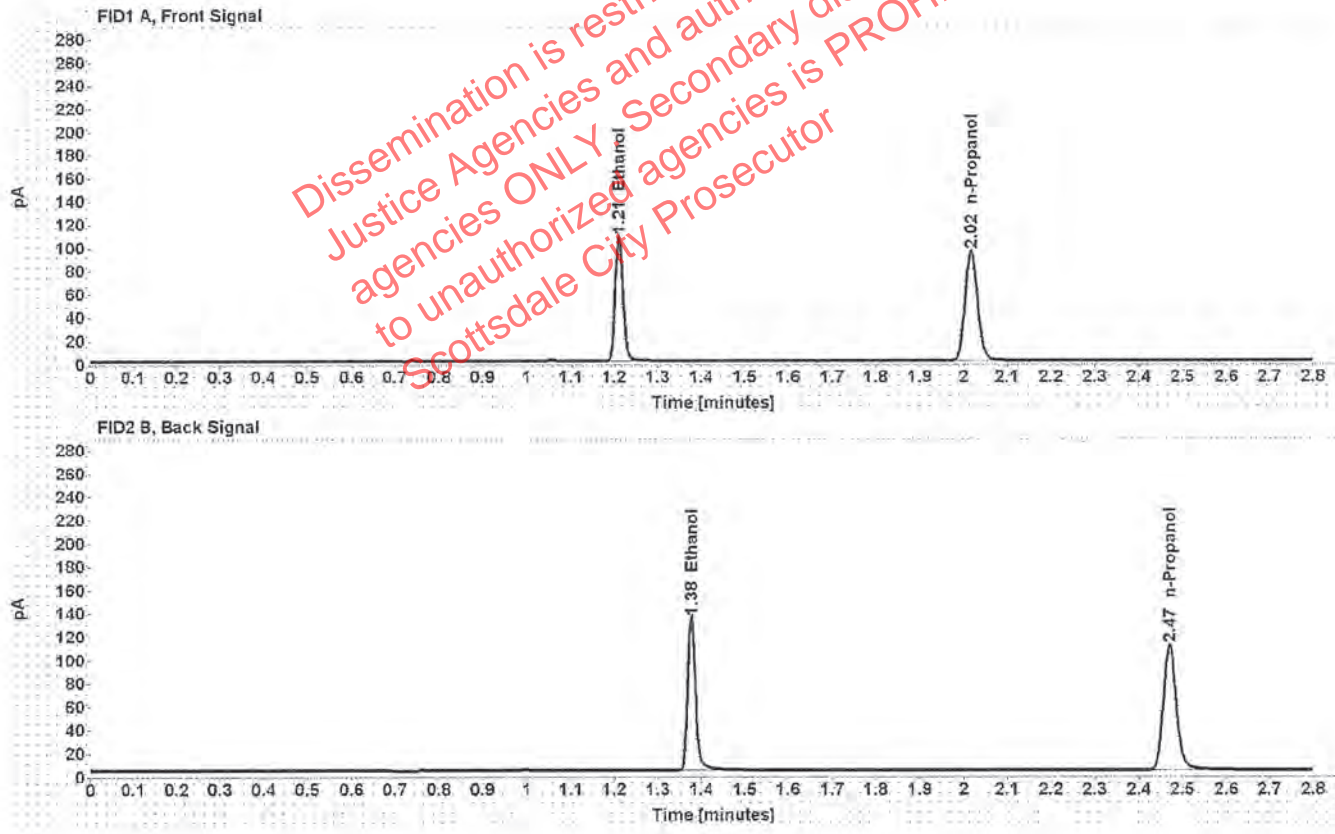


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.210	136.931
n-Propanol	-----	2.016	188.051

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

Compound	Time (min)	Peak Area
Ethanol	1.377	167.975
n-Propanol	2.470	223.965

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 54
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 17Jan20
Instrument: US14173023 CN14160045	Injection date: 1/17/2020 5:08:10 PM
Data file: C:\Chem32\1\Data\17Jan20\54.D	Analyst: Canonico <i>pc</i>

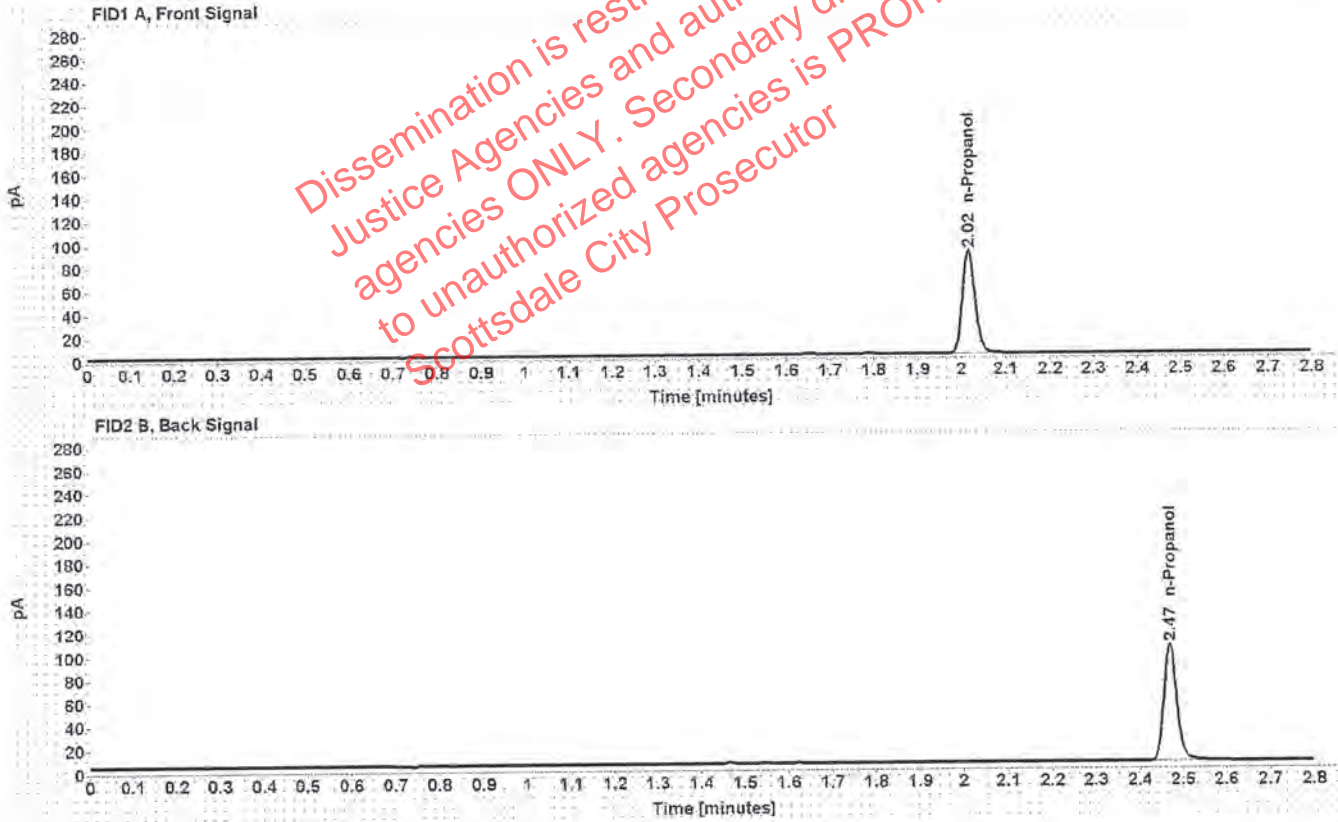


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	176.876

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	210.138

Sequence Summary

Sequence name: 17Jan20 Instrument: US14173023 CN14160045 Analyst: Canonico

ee

Vial	Sample	Description	Type	LIMS ID	Method
1	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	407041529/13	0.198	Control		ethanol quant.M
10	1259553		Sample		ethanol quant.M
11	1259553		Sample		ethanol quant.M
12	20001RR		Sample		ethanol quant.M
13	20001RR		Sample		ethanol quant.M
14	31001RL		Sample		ethanol quant.M
15	31001RL		Sample		ethanol quant.M
16	32001JS		Sample		ethanol quant.M
17	32001JS		Sample		ethanol quant.M
18	32701MB		Sample		ethanol quant.M
19	32701MB		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1291857		Sample		ethanol quant.M
22	1291857		Sample		ethanol quant.M
23	32701JG		Sample		ethanol quant.M
24	32701JG		Sample		ethanol quant.M
25	31001IB		Sample		ethanol quant.M
26	31001IB		Sample		ethanol quant.M
27	18301RM		Sample		ethanol quant.M
28	18301RM		Sample		ethanol quant.M
29	31001DM		Sample		ethanol quant.M
30	31001DM		Sample		ethanol quant.M
31	09022015-C	0.150	Control		ethanol quant.M
32	34002RM		Sample		ethanol quant.M
33	34002RM		Sample		ethanol quant.M
34	1301561		Sample		ethanol quant.M
35	1301561		Sample		ethanol quant.M
36	1301801		Sample		ethanol quant.M
37	1301801		Sample		ethanol quant.M
38	1273595		Sample		ethanol quant.M
39	1273595		Sample		ethanol quant.M
40	1301566		Sample		ethanol quant.M
41	1301566		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	1302485		Sample		ethanol quant.M
44	1302485		Sample		ethanol quant.M
45	1300366		Sample		ethanol quant.M
46	1300366		Sample		ethanol quant.M
47	1302116		Sample		ethanol quant.M

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Sequence Summary

el

48	1302116		Sample		ethanol quant.M
49	1302515		Sample		ethanol quant.M
50	1302515		Sample		ethanol quant.M
51	11092018-A	0.400	Control		ethanol quant.M
52	14082019-B	0.040	Control		ethanol quant.M
53	407041529/13	0.198	Control		ethanol quant.M
54	040919WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

ee

SEQUENCE NAME: 17Jan20

ANALYST: Canonico

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.3302	0.3249	0.32755	0.81	0.00265
12 13	0.1111	0.1104	0.11075	0.32	0.00035
14 15	0.1093	0.1091	0.10920	0.09	0.00010
16 17	0.2555	0.2571	0.25630	0.33	0.00080
18 19	0.1417	0.1409	0.14130	0.28	0.00040
21 22	0.0816	0.0801	0.08085	0.93	0.00075
23 24	0.2042	0.2043	0.20425	0.02	0.00005
25 26	0.1752	0.1732	0.17420	0.57	0.00100
27 28	0.2021	0.2042	0.20315	0.52	0.00105
29 30	0.0992	0.0983	0.09875	0.46	0.00045
32 33	0.1783	0.1772	0.17775	0.31	0.00055
34 35	0.2605	0.2575	0.25900	0.58	0.00150
36 37	0.2022	0.1981	0.20015	1.02	0.00205
38 39	0.0943	0.0949	0.09460	0.32	0.00030
40 41	0.1482	0.1466	0.14740	0.54	0.00080
43 44	0.1266	0.1260	0.12630	0.24	0.00030
45 46	0.1529	0.1538	0.15335	0.29	0.00045
47 48	0.1871	0.1844	0.18575	0.73	0.00135
49 50	0.0853	0.0855	0.08540	0.12	0.00010

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1259553	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:10:25 PM
Data file:	C:\Chem32\1\Data\17Jan20\10.D	Analyst:	Canonico

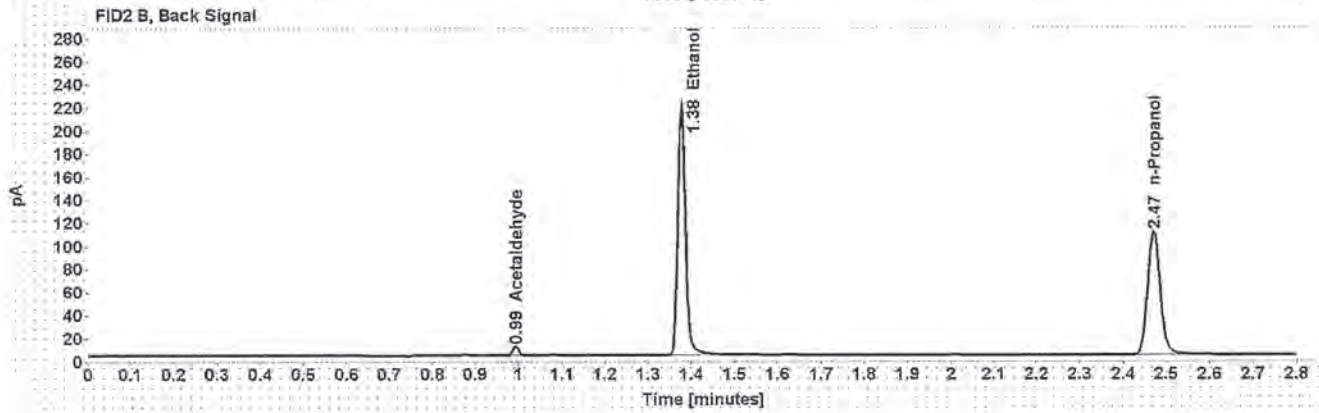
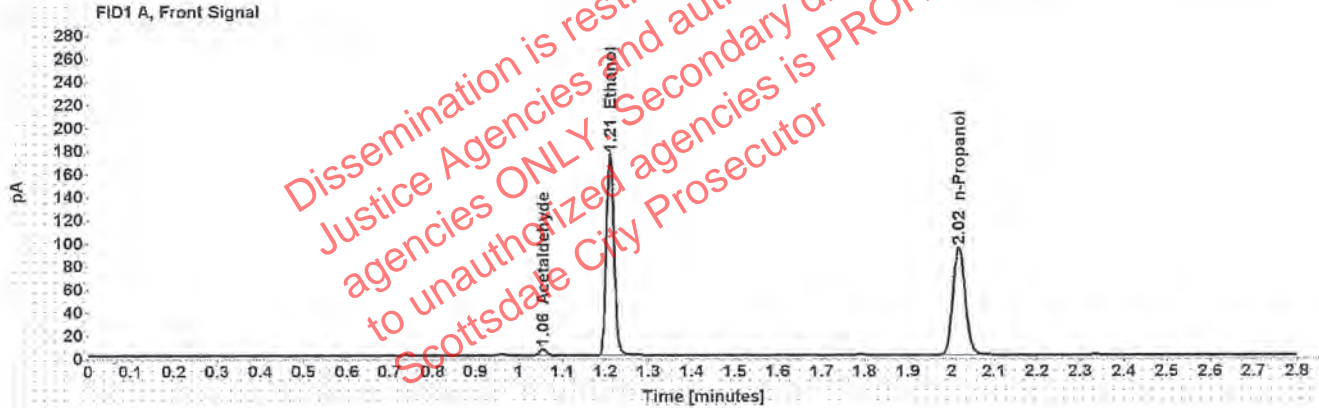


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.882
>Ethanol	0.3302	1.210	222.775
n-Propanol	-----	2.017	186.717

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.639
Ethanol	1.377	272.676
n-Propanol	2.470	222.093

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1259553	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:14:26 PM
Data file:	C:\Chem32\1\Data\17Jan20\11.D	Analyst:	Canonico

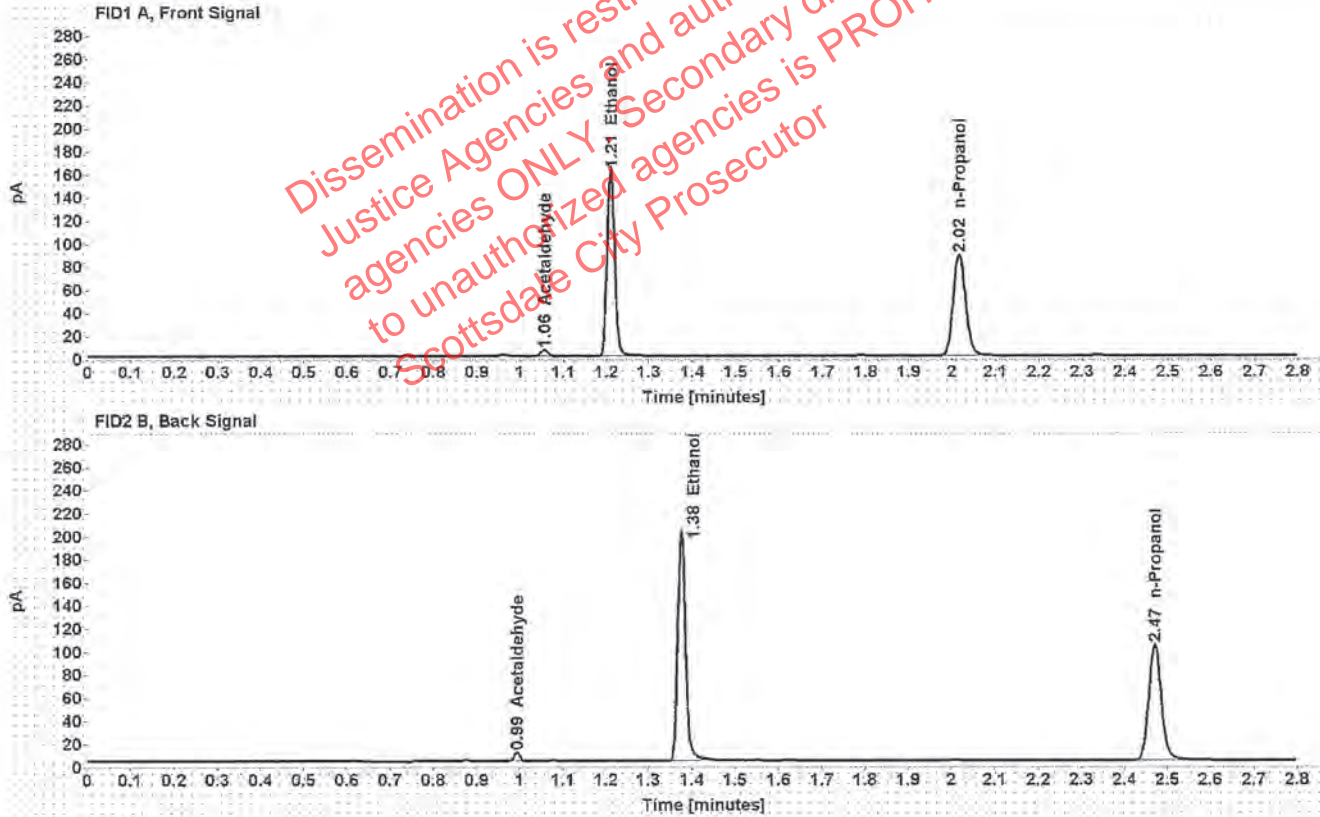


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.649
>Ethanol	0.3249	1.210	205.849
n-Propanol	-----	2.016	175.301

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.320
Ethanol	1.376	251.382
n-Propanol	2.470	208.623

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001RR	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:18:24 PM
Data file:	C:\Chem32\1\Data\17Jan20\12.D	Analyst:	Canonico

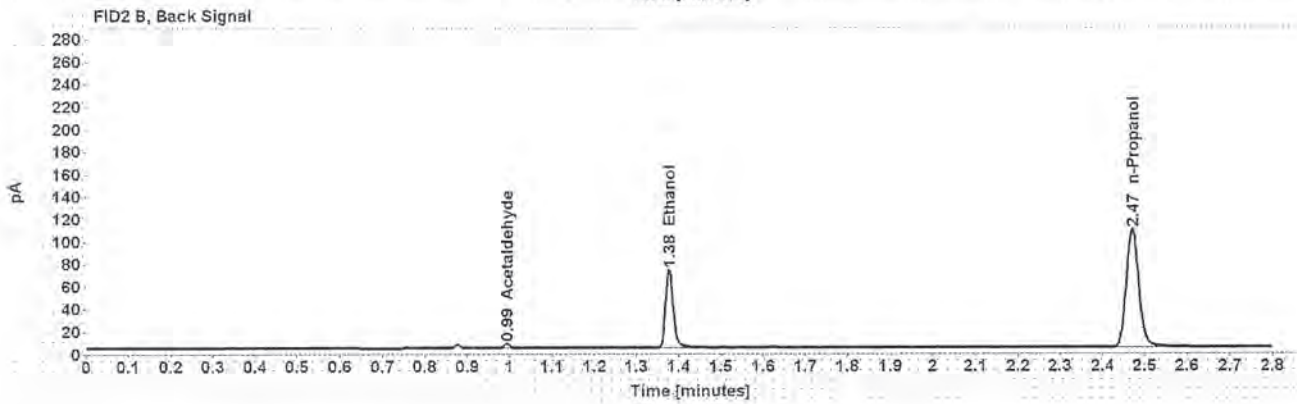
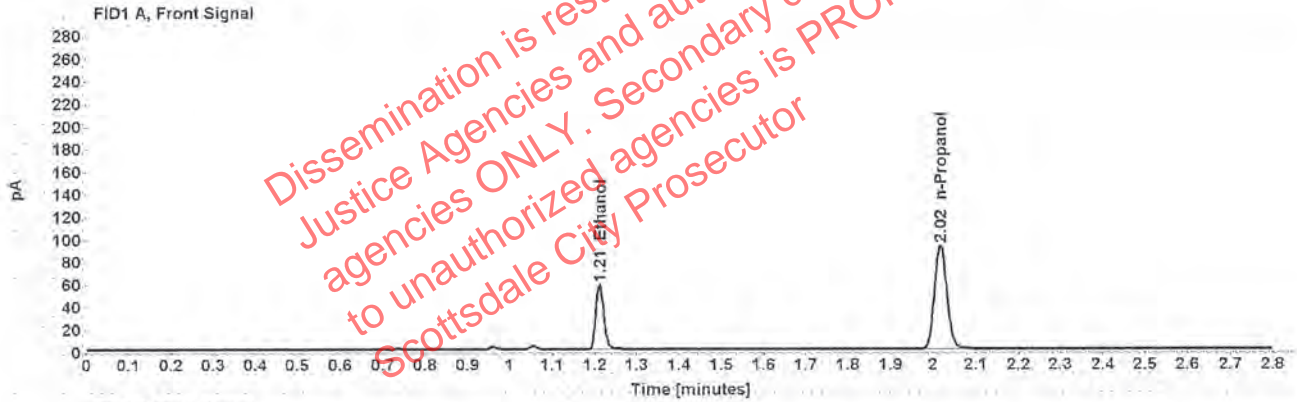


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1111	1.211	73.722
n-Propanol	-----	2.017	183.510

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.794
Ethanol	1.377	89.213
n-Propanol	2.470	218.081

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001RR	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:22:40 PM
Data file:	C:\Chem32\1\Data\17Jan20\13.D	Analyst:	Canonico

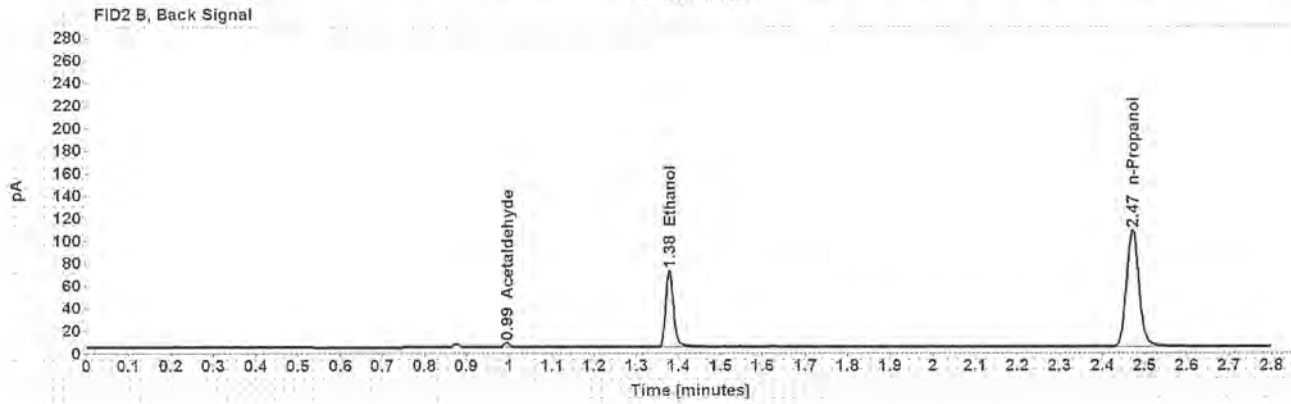
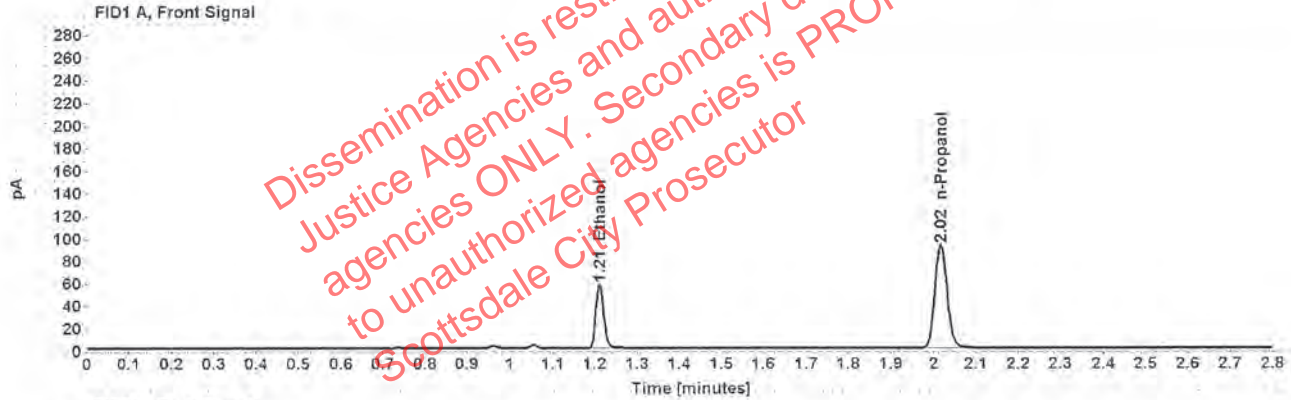


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1104	1.211	72.661
n-Propanol	-----	2.017	181.981

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.773
Ethanol	1.377	87.823
n-Propanol	2.470	215.773

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31001RL	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:26:41 PM
Data file:	C:\Chem32\1\Data\17Jan20\14.D	Analyst:	Canonico

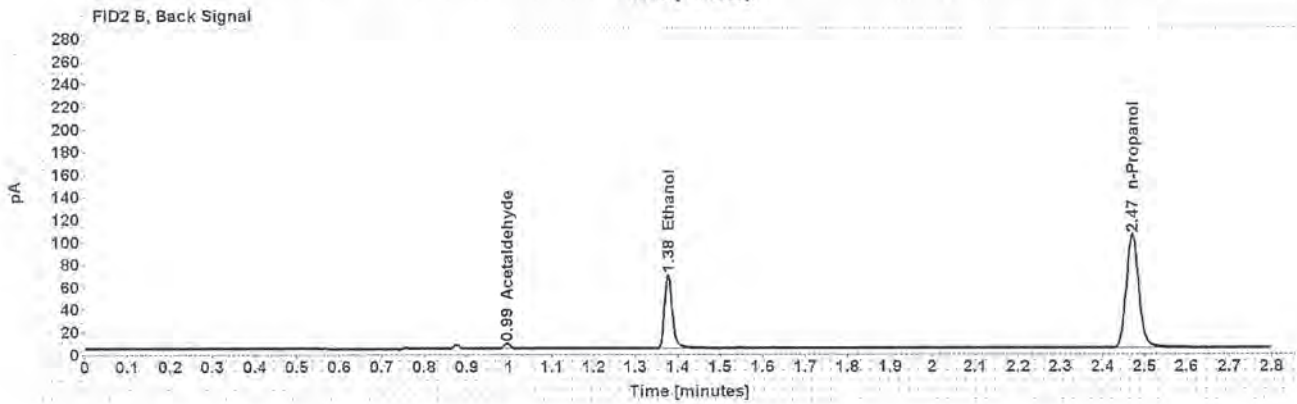
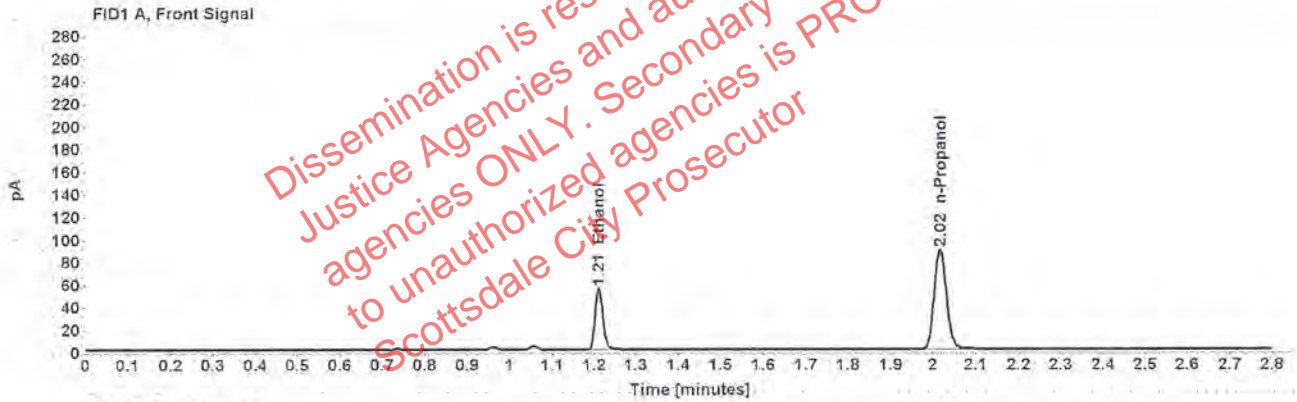


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1093	1.211	69.896
n-Propanol	-----	2.017	176.798

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.513
Ethanol	1.377	84.301
n-Propanol	2.470	209.793

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31001RL	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:30:41 PM
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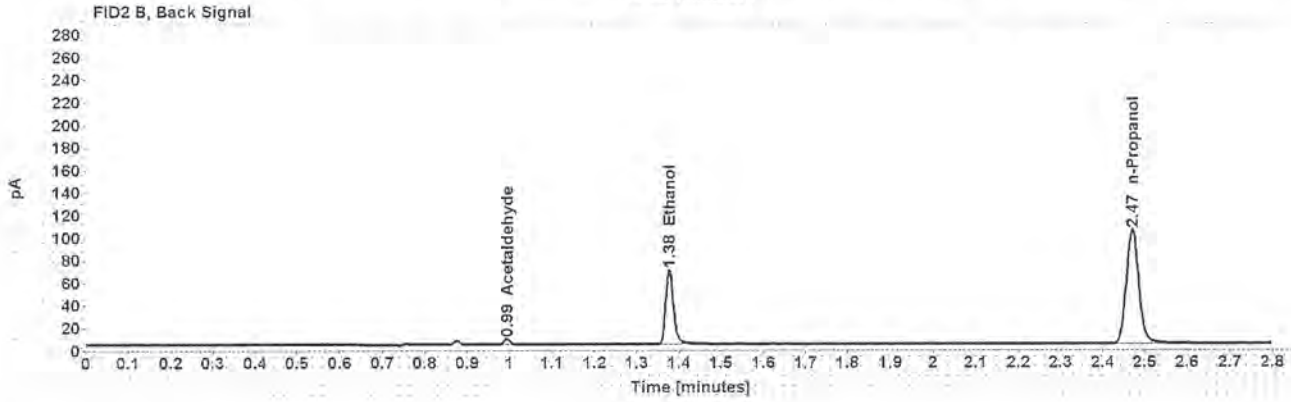
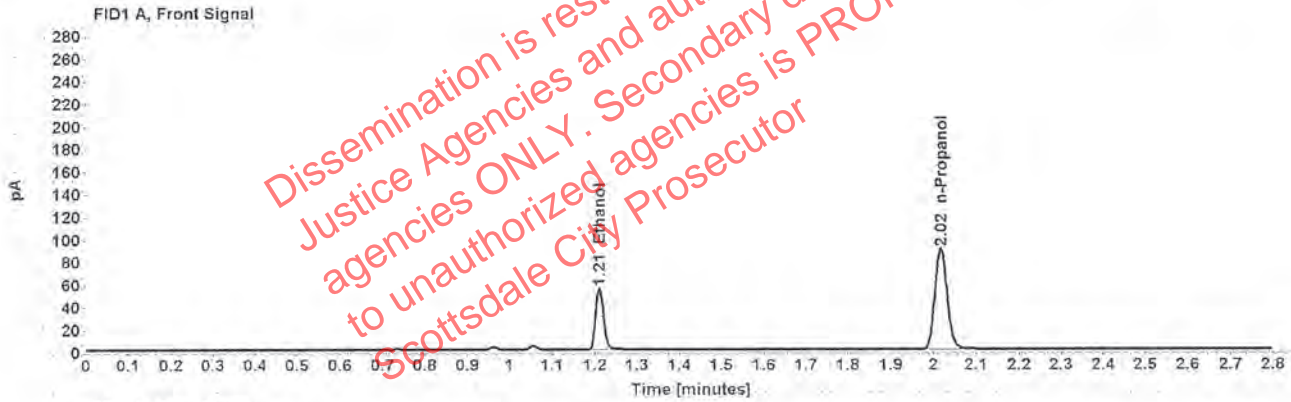


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1091	1.211	70.160
n-Propanol	---	2.016	177.746

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.532
Ethanol	1.377	84.525
n-Propanol	2.470	210.906

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 32001JS	Vial: 16
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 17Jan20
Instrument: US14173023 CN14160045	Injection date: 1/17/2020 2:34:41 PM
Data file: C:\Chem32\1\Data\17Jan20\16.D	Analyst: Canonico

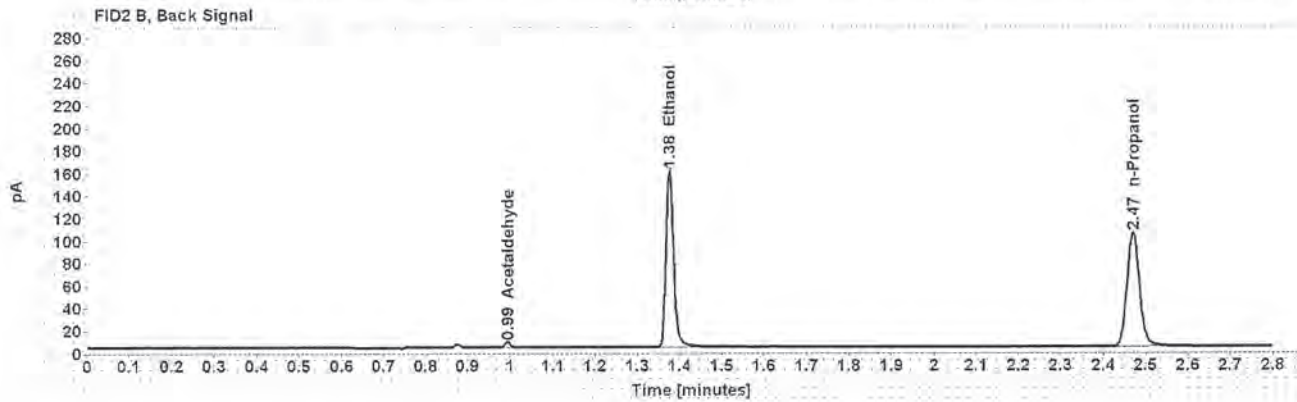
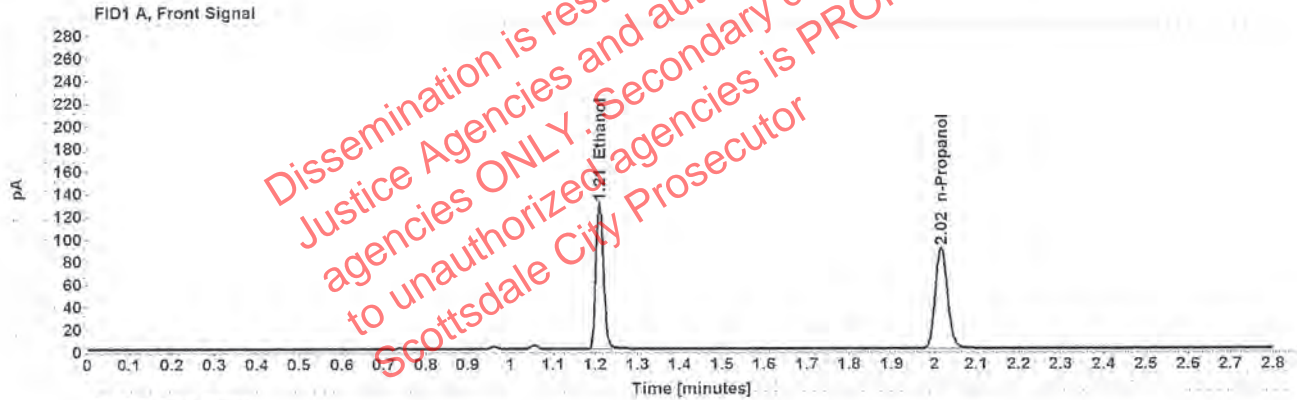


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2555	1.210	164.431
n-Propanol	-----	2.016	178.078

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.458
Ethanol	1.376	202.732
n-Propanol	2.470	211.014

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001JS	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:38:40 PM
Data file:	C:\Chem32\1\Data\17Jan20\17.D	Analyst:	Canonico

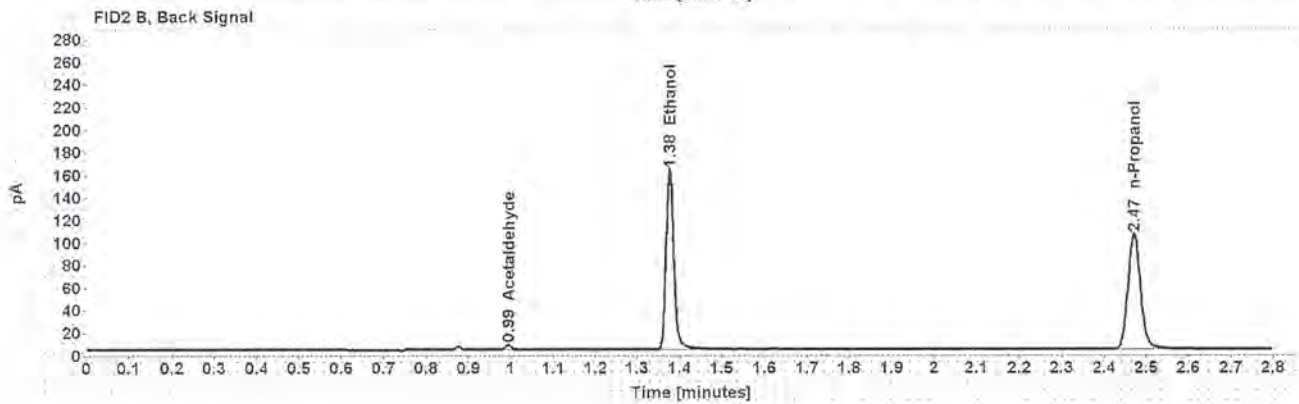
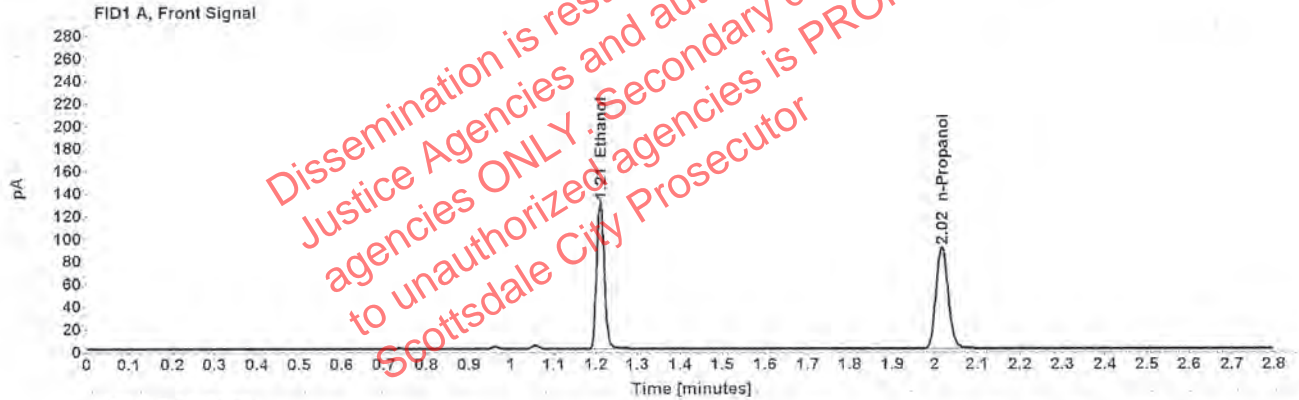


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2571	1.210	166.361
n-Propanol	-----	2.017	179.049

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.221
Ethanol	1.377	204.766
n-Propanol	2.470	213.684

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701MB	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:42:41 PM
Data file:	C:\Chem3211\Data\17Jan20\18.D	Analyst:	Canonico

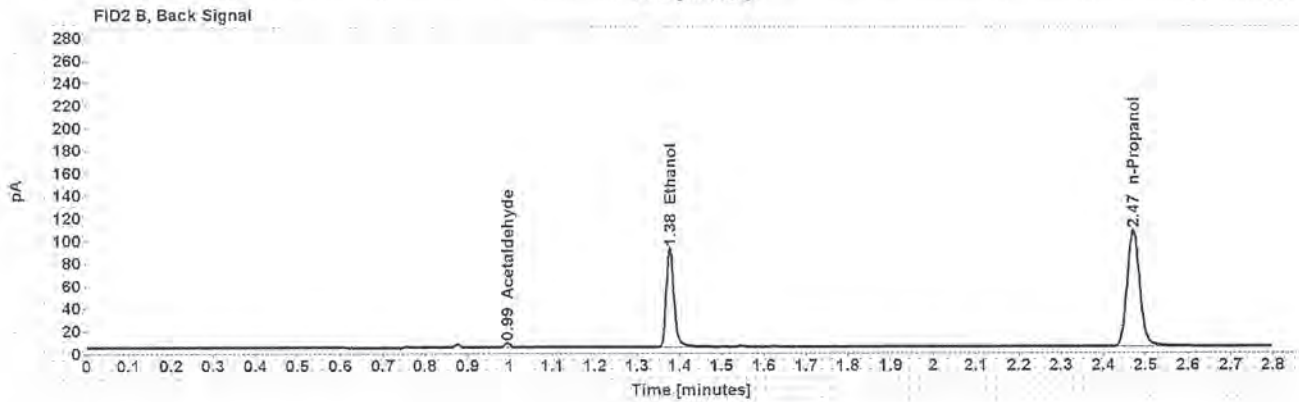
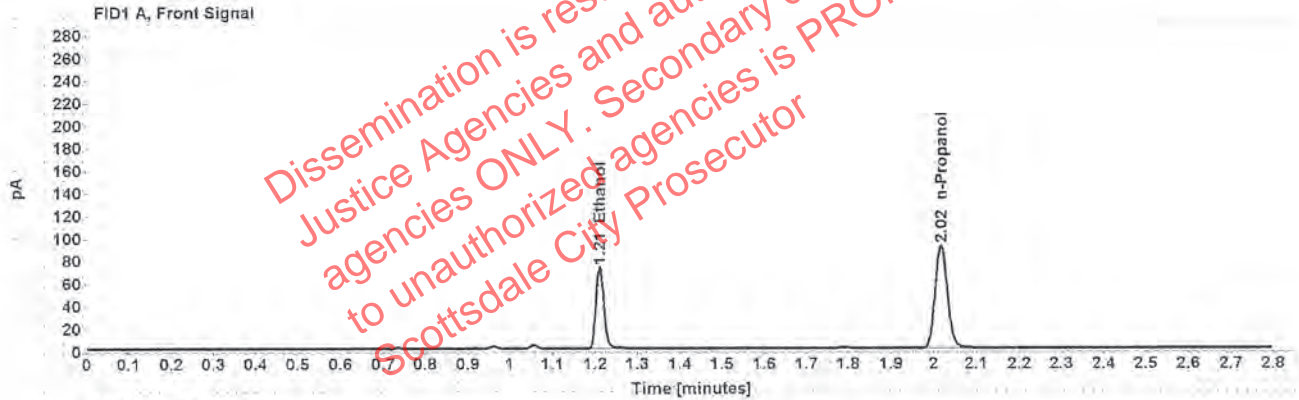


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1417	1.211	92.743
n-Propanol	-----	2.017	180.976

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.027
Ethanol	1.377	114.058
n-Propanol	2.470	215.407

Case: [REDACTED] User: ecanonico 1/21/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701MB	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:46:55 PM
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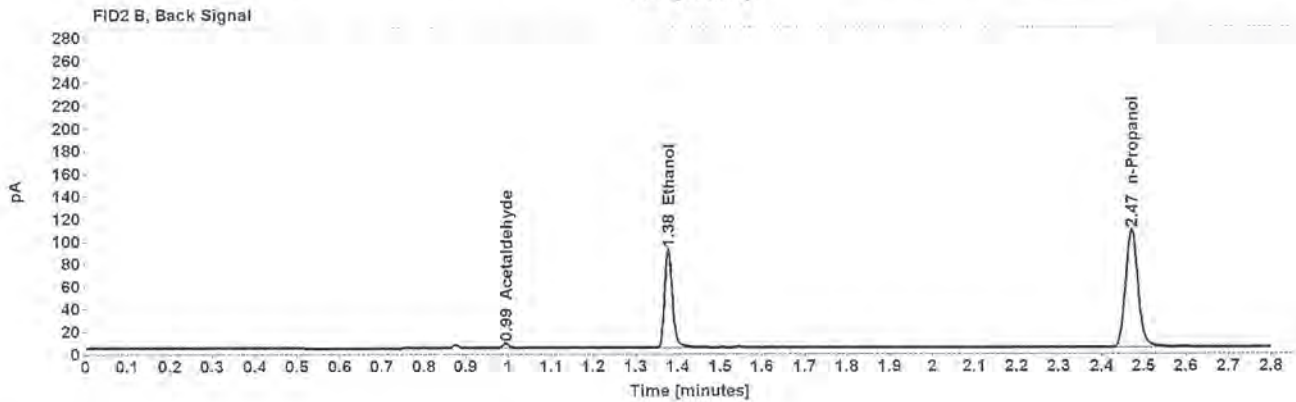
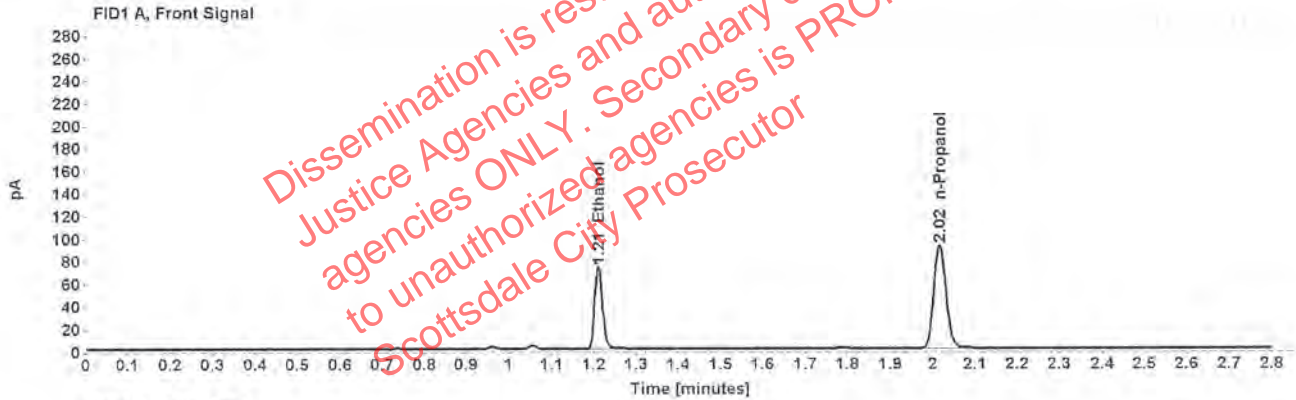


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1409	1.211	92.943
n-Propanol	-----	2.017	182.488

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.087
Ethanol	1.377	114.356
n-Propanol	2.470	217.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1291857	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:54:55 PM
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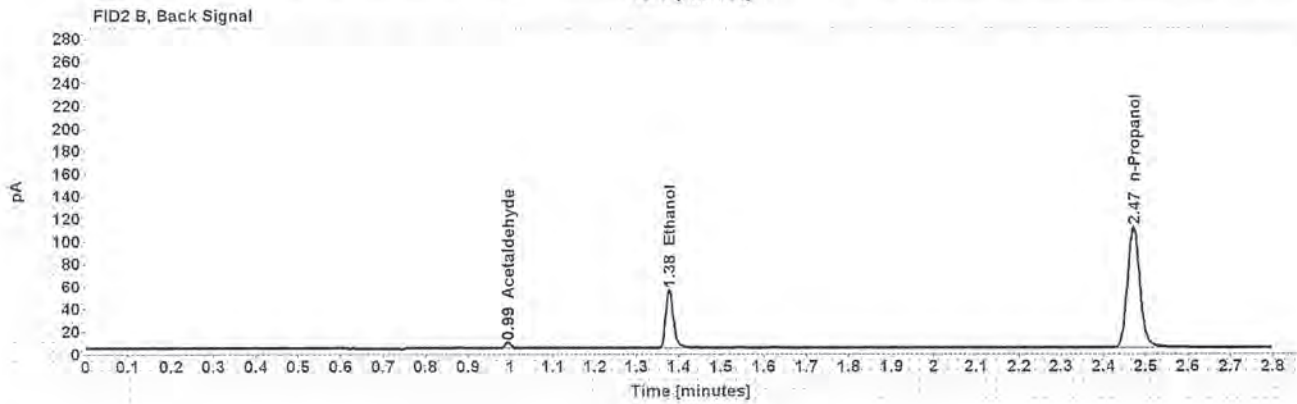


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0816	1.211	55.283
n-Propanol	-----	2.017	187.134

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.852
Ethanol	1.377	66.439
n-Propanol	2.470	222.101

Case: [REDACTED] User: ecanonico 1/21/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1291857	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 2:58:55 PM
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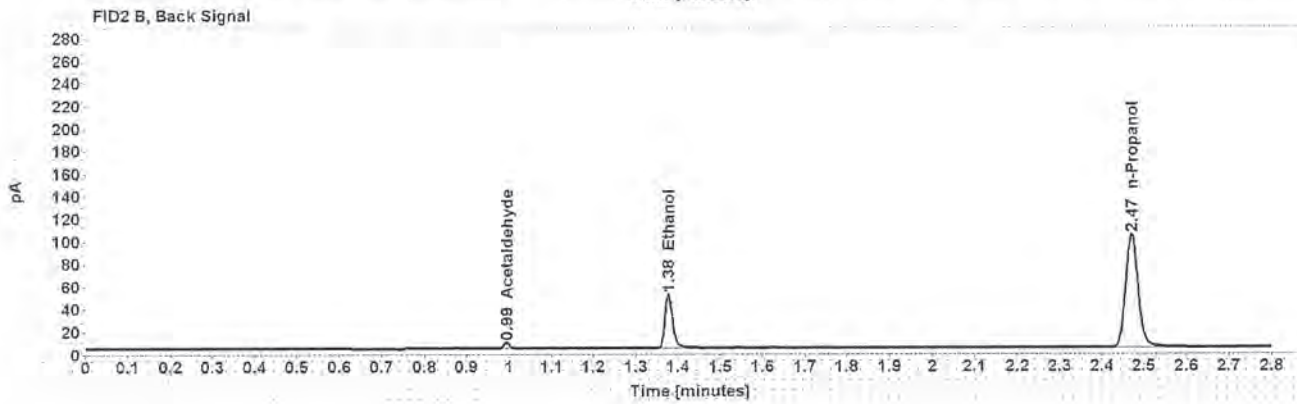
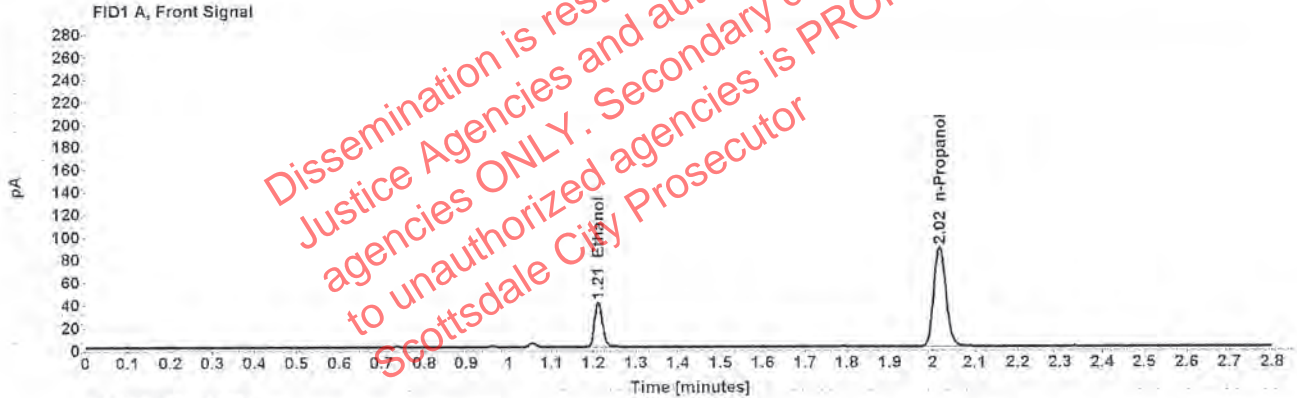


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.212	51.018
n-Propanol	—	2.017	176.017

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.798
Ethanol	1.377	61.399
n-Propanol	2.470	208.943

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JG	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:02:55 PM
Data file:	C:\Chem32\1\Data\17Jan20\23.D	Analyst:	Canonico

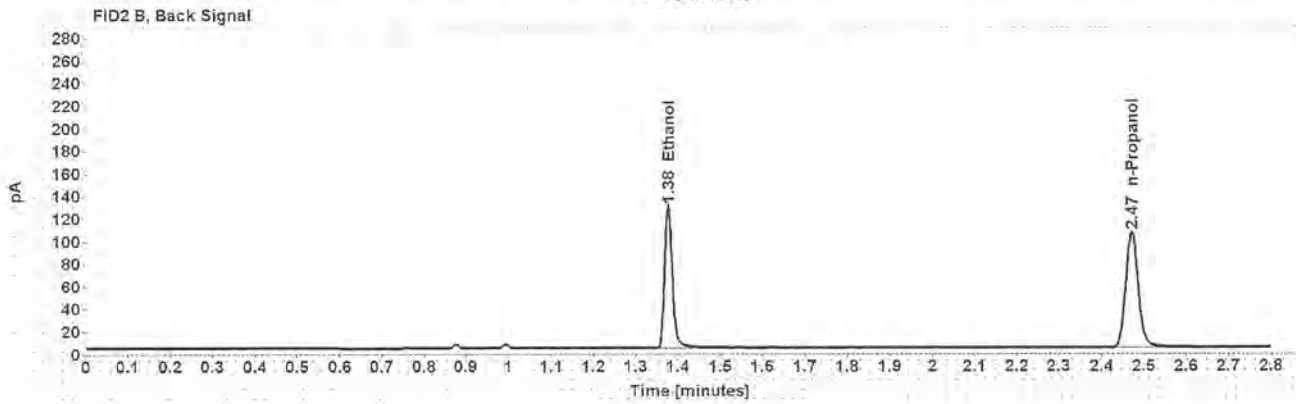
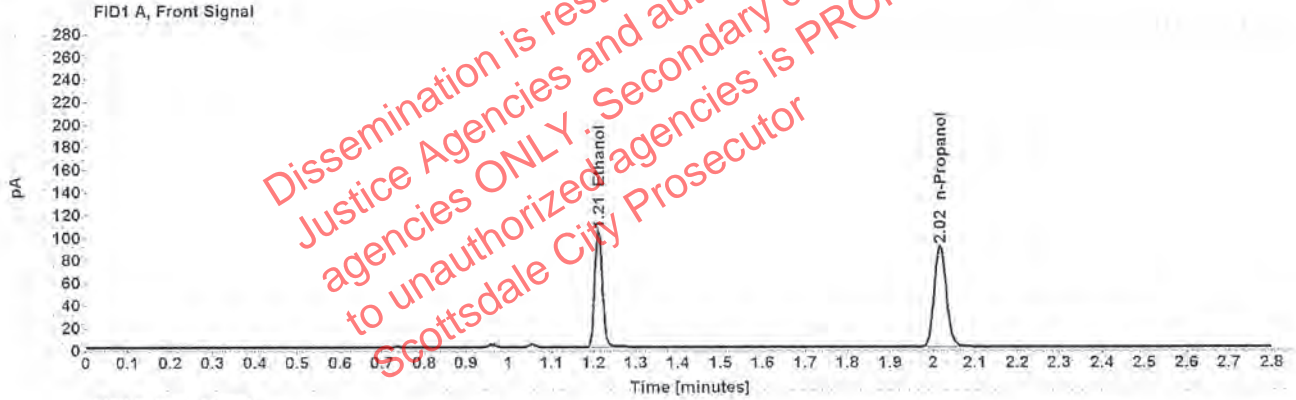


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2042	1.211	132.496
n-Propanol	-----	2.017	179.488

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

Compound	Time (min)	Peak Area
Ethanol	1.377	163.325
n-Propanol	2.470	214.273

Case: [REDACTED] User: ecanonico 1/21/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JG	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:06:55 PM
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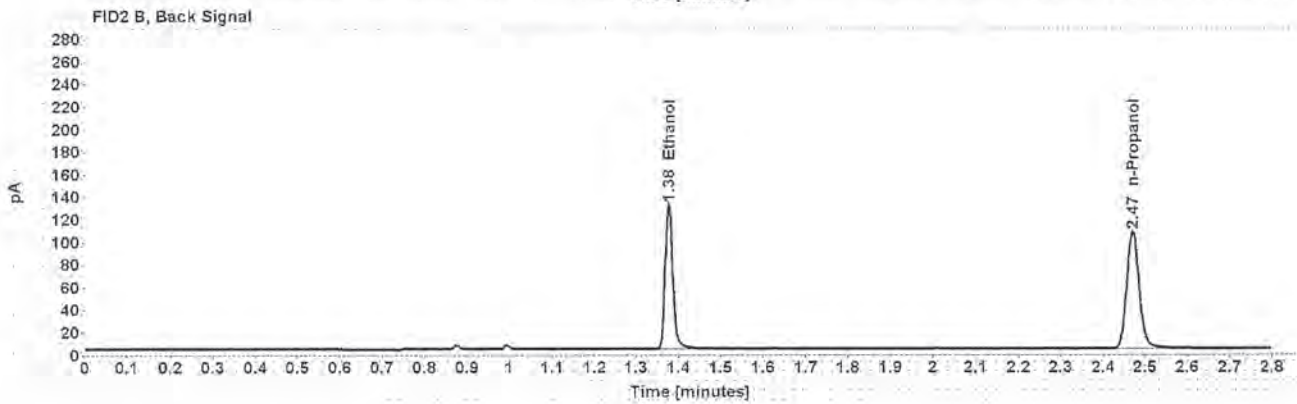
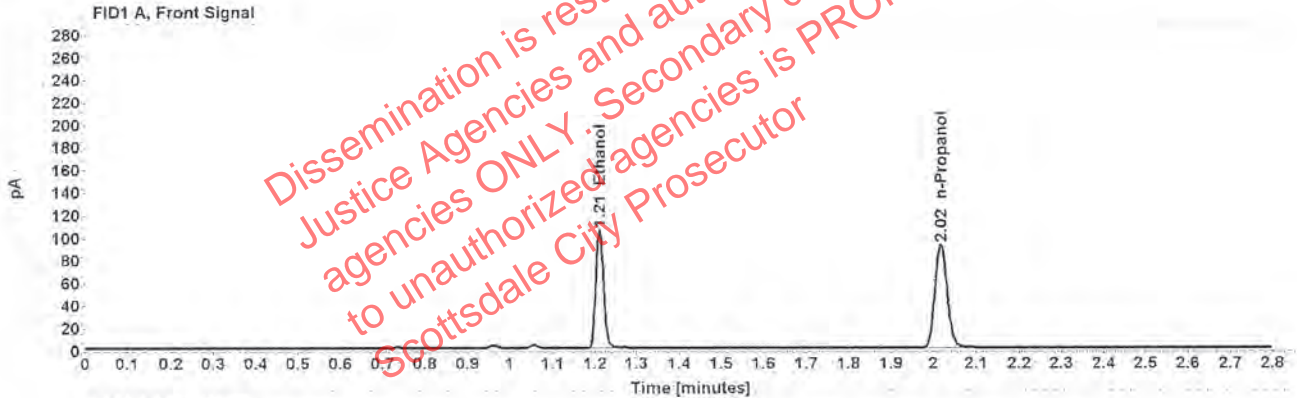


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2043	1.211	134.470
n-Propanol	-----	2.017	182.121

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

Compound	Time (min)	Peak Area
Ethanol	1.377	165.321
n-Propanol	2.470	216.994

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31001B	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:11:10 PM
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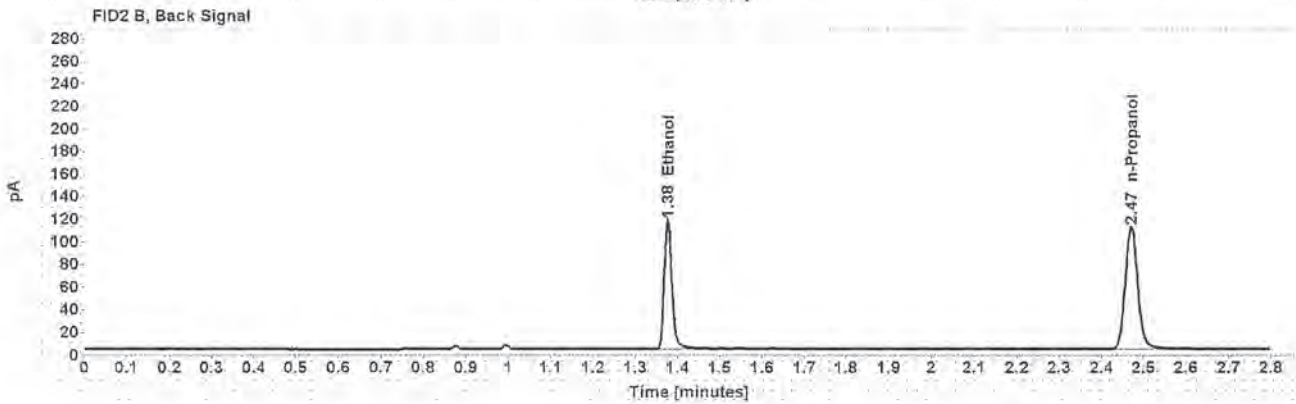
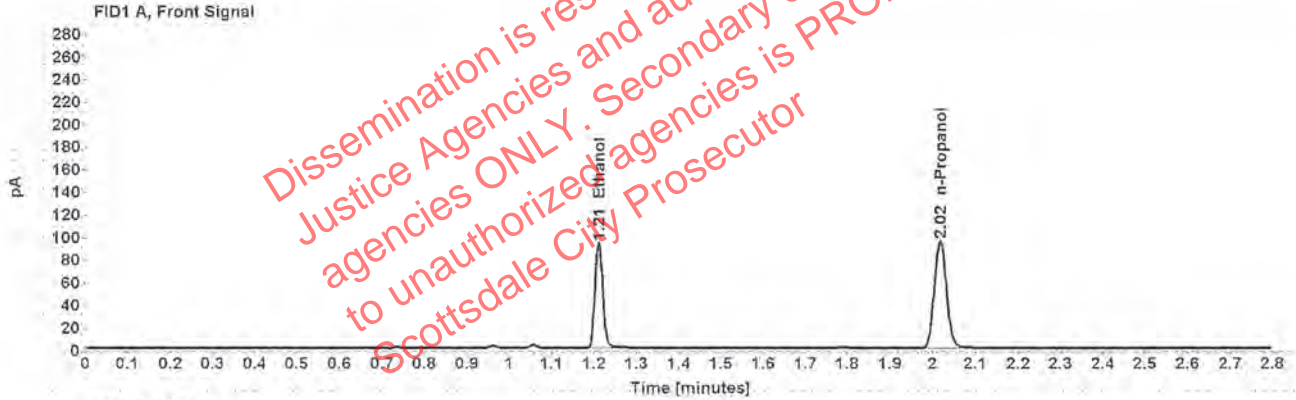


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1752	1.211	119.884
n-Propanol	---	2.016	189.327

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

Compound	Time (min)	Peak Area
Ethanol	1.377	147.091
n-Propanol	2.470	226.180

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31001B	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:15:12 PM
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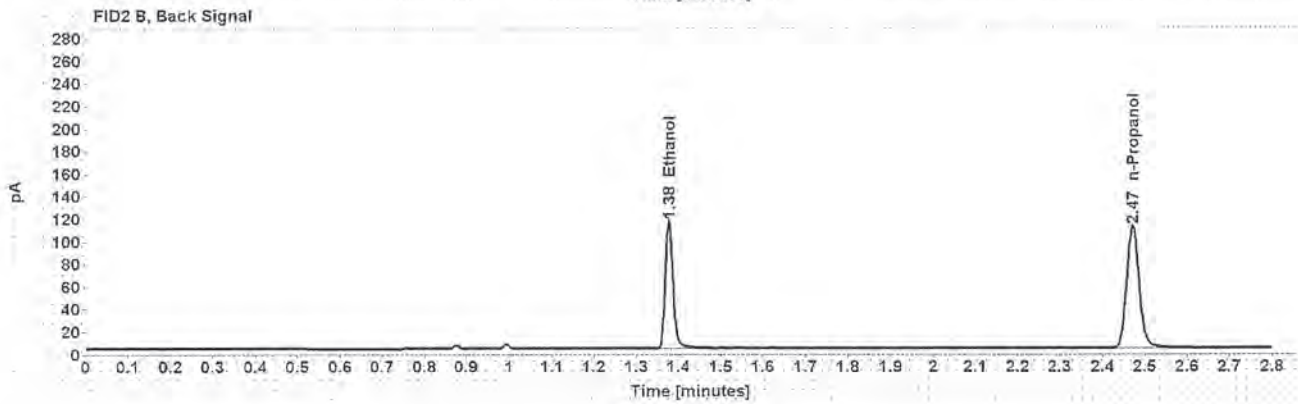
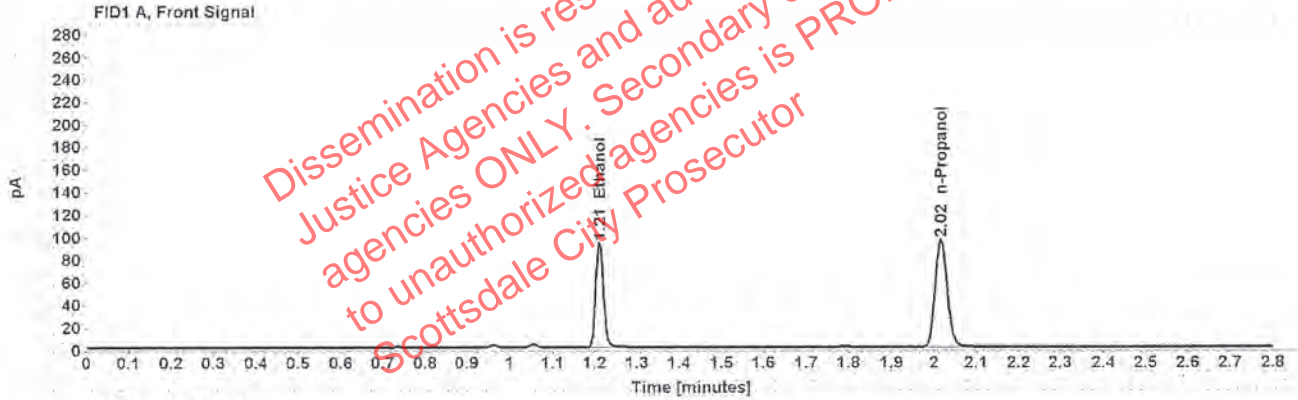


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1732	1.211	118.721
n-Propanol	-----	2.017	189.600

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

Compound	Time (min)	Peak Area
Ethanol	1.377	146.474
n-Propanol	2.470	226.124

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	18301RM	Vial:	27
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:19:10 PM
Data file:	C:\Chem32\1\Data\17Jan20\27.D	Analyst:	Canonico

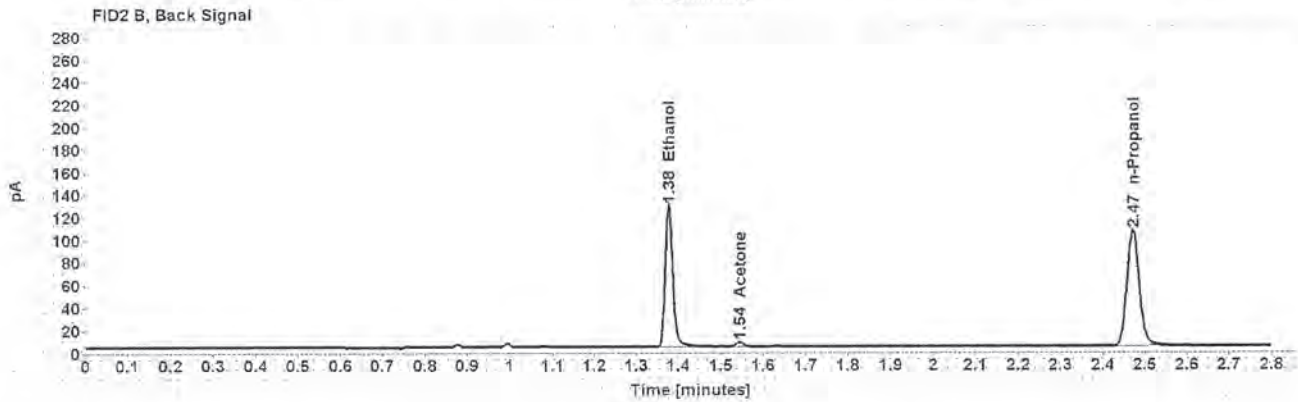
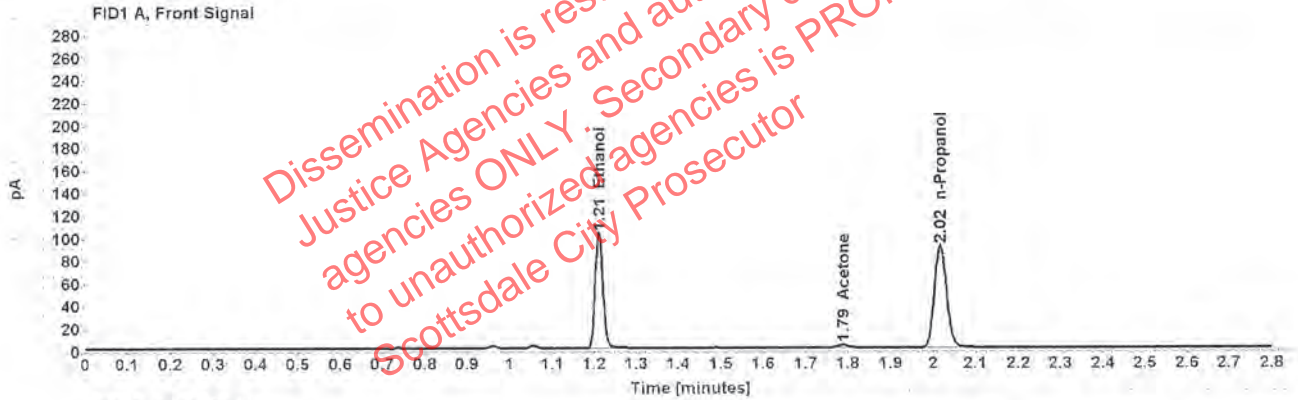


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2021	1.211	131.414
Acetone	-----	1.788	4.414
n-Propanol	-----	2.017	179.851

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

Compound	Time (min)	Peak Area
Ethanol	1.377	159.825
Acetone	1.544	5.012
n-Propanol	2.471	212.879

Case: [REDACTED] User: ecanonico 1/21/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	18301RM	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:23:12 PM
Data file:	C:\Chem32\1\Data\17Jan20\28.D	Analyst:	Canonico

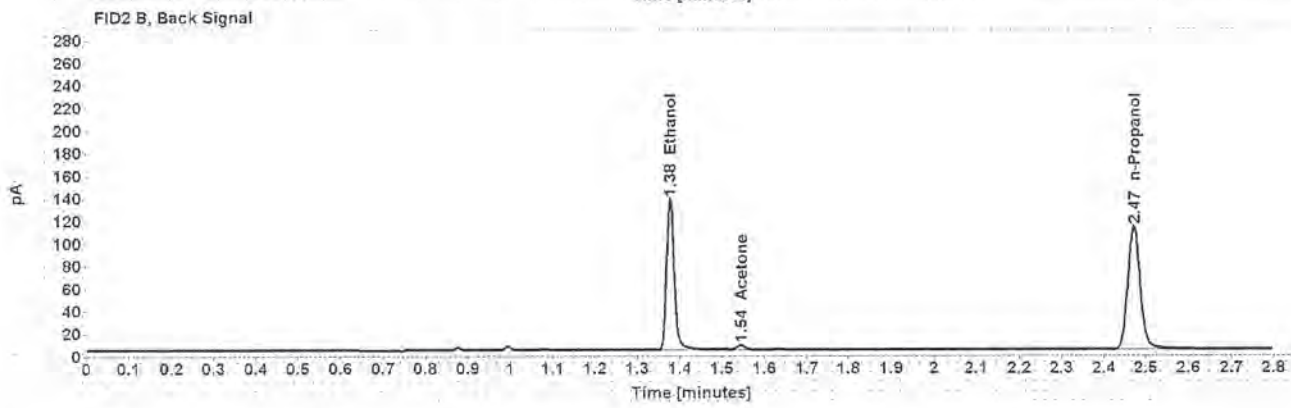
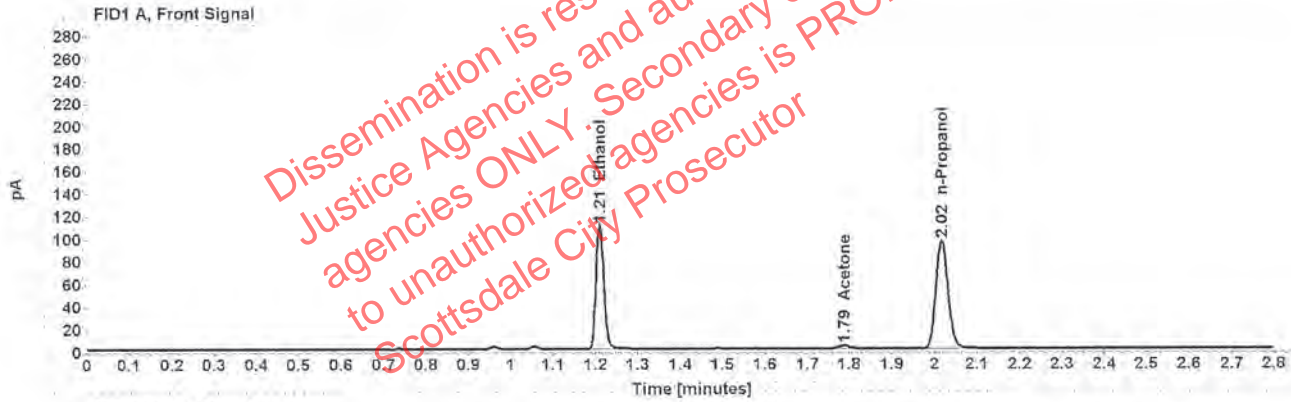


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2042	1.211	140.806
Acetone	-----	1.788	4.563
n-Propanol	-----	2.017	190.719

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

Compound	Time (min)	Peak Area
Ethanol	1.377	171.690
Acetone	1.544	5.214
n-Propanol	2.471	227.838

Case: ██████████ User: ecanonico 1/21/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31001DM	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:27:10 PM
Data file:	C:\Chem32\1\Data\17Jan20\29.D	Analyst:	Canonico

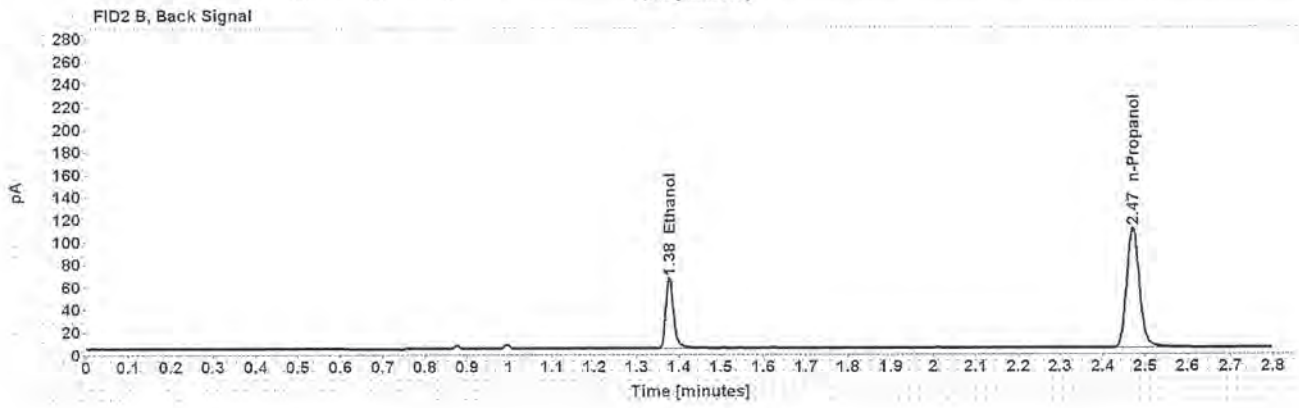
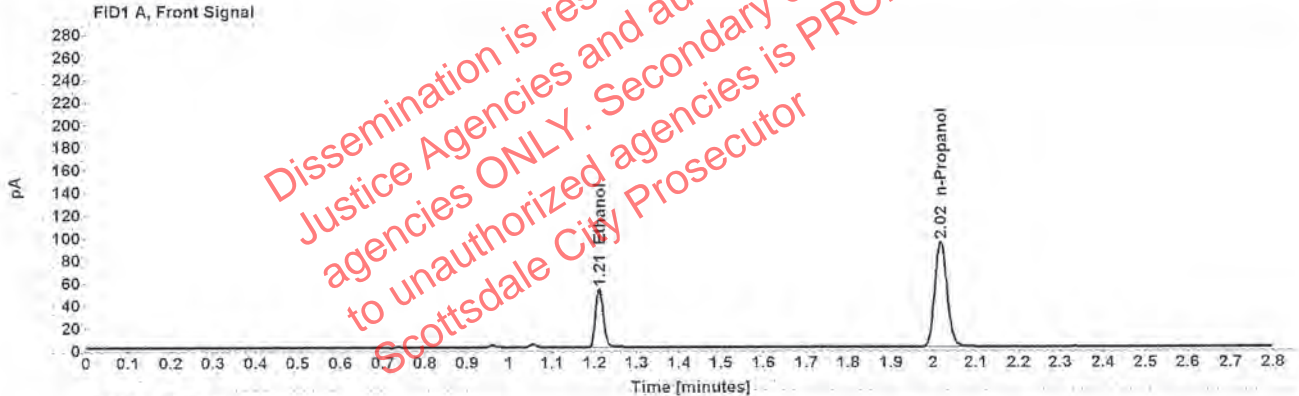


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0992	1.211	66.887
n-Propanol	-----	2.017	186.474

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

Compound	Time (min)	Peak Area
Ethanol	1.377	80.995
n-Propanol	2.470	221.792

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31001DM	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:31:10 PM
Data file:	C:\Chem32\1\Data\17Jan20\30.D	Analyst:	Canonico

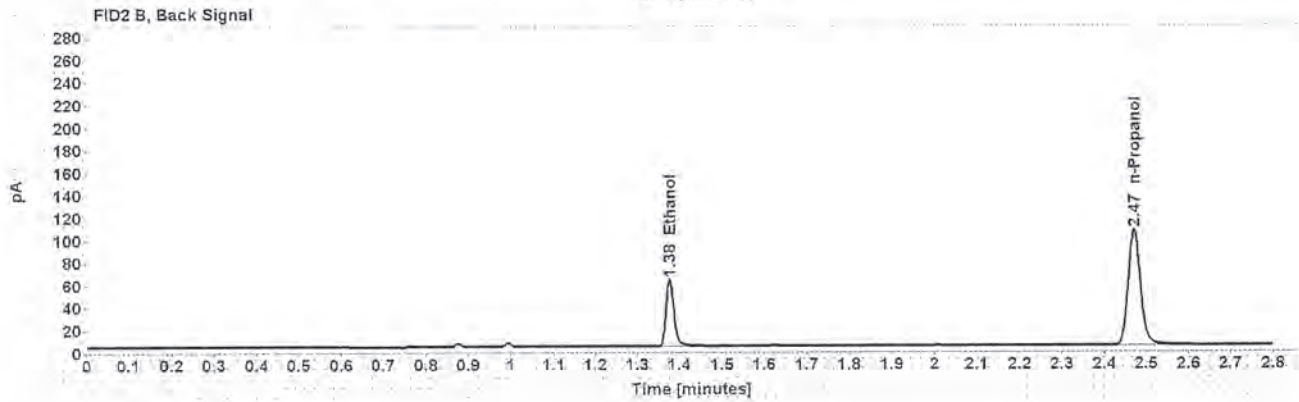
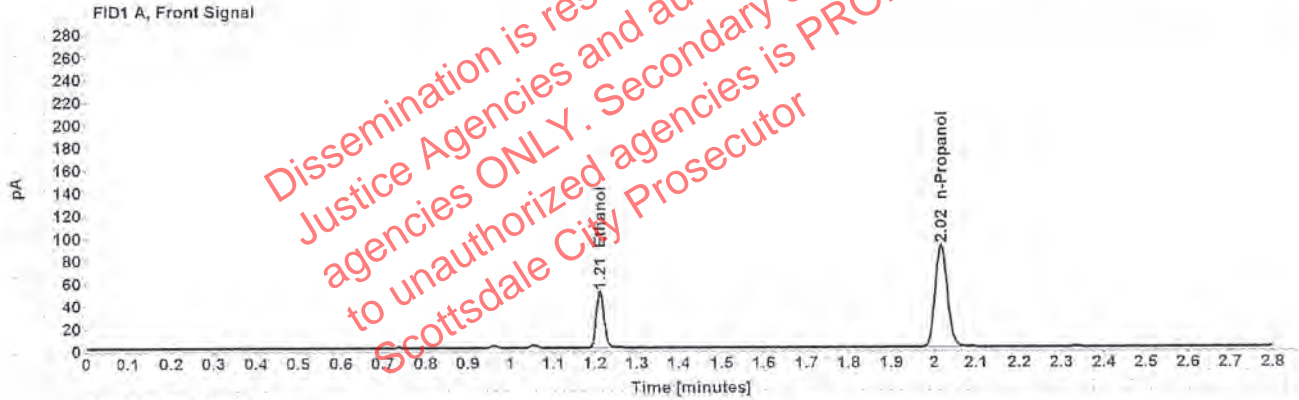


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0983	1.211	63.982
n-Propanol	-----	2.017	179.889

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

Compound	Time (min)	Peak Area
Ethanol	1.377	76.956
n-Propanol	2.470	214.081

Case: [REDACTED] User: ecanonico 1/21/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34002RM	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:39:25 PM
Data file:	C:\Chem32\1\Data\17Jan20\32.D	Analyst:	Canonico

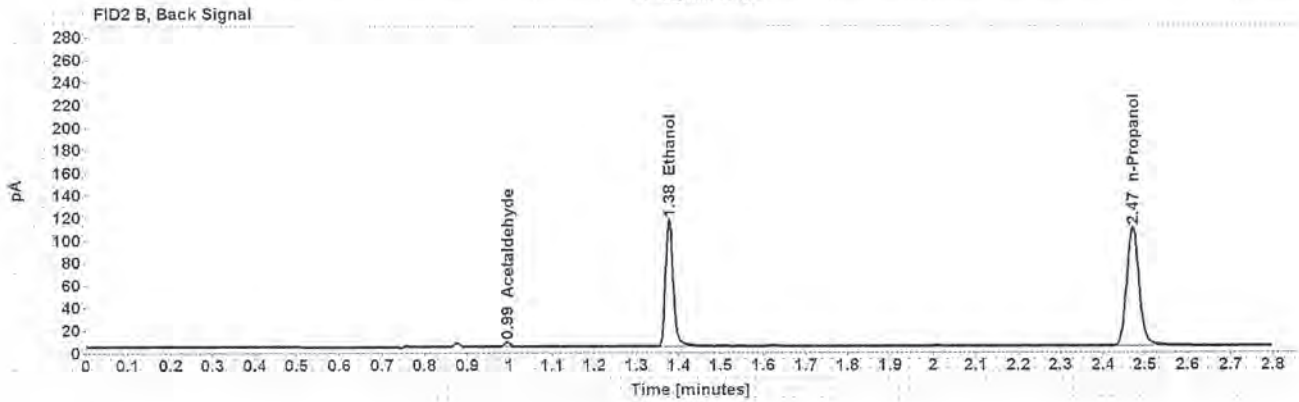
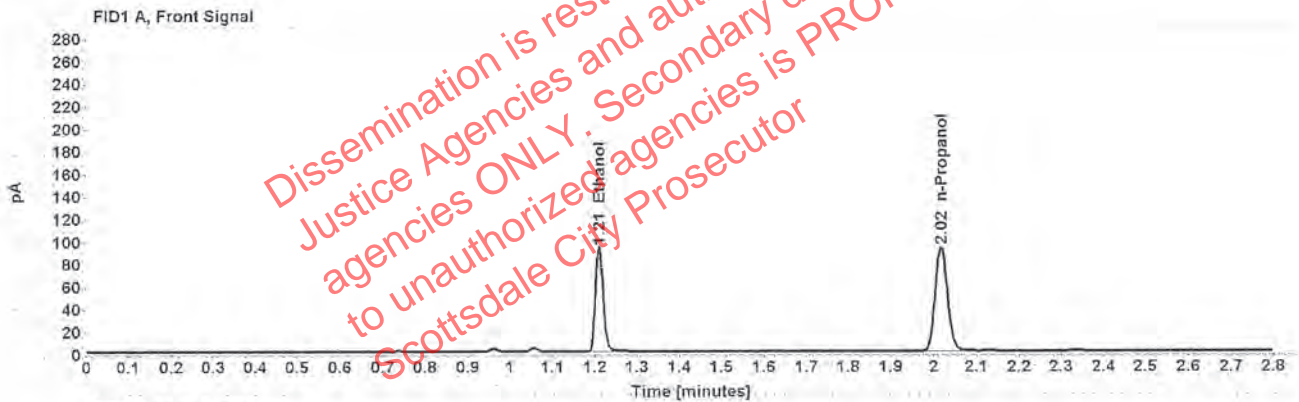


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1783	1.211	119.158
n-Propanol	-----	2.017	184.816

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.243
Ethanol	1.377	146.908
n-Propanol	2.470	220.935

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34002RM	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:43:25 PM
Data file:	C:\Chem32\1\Data\17Jan20\33.D	Analyst:	Canonico

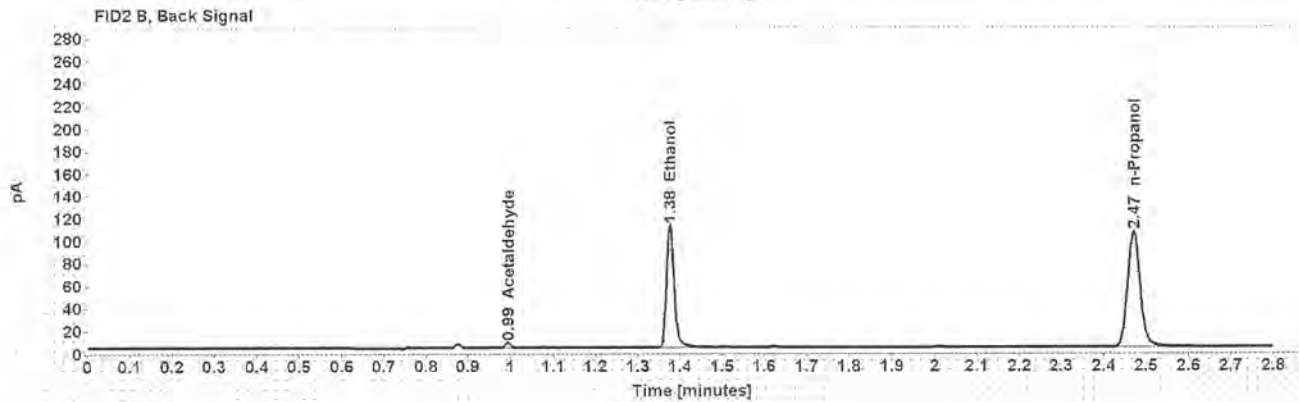
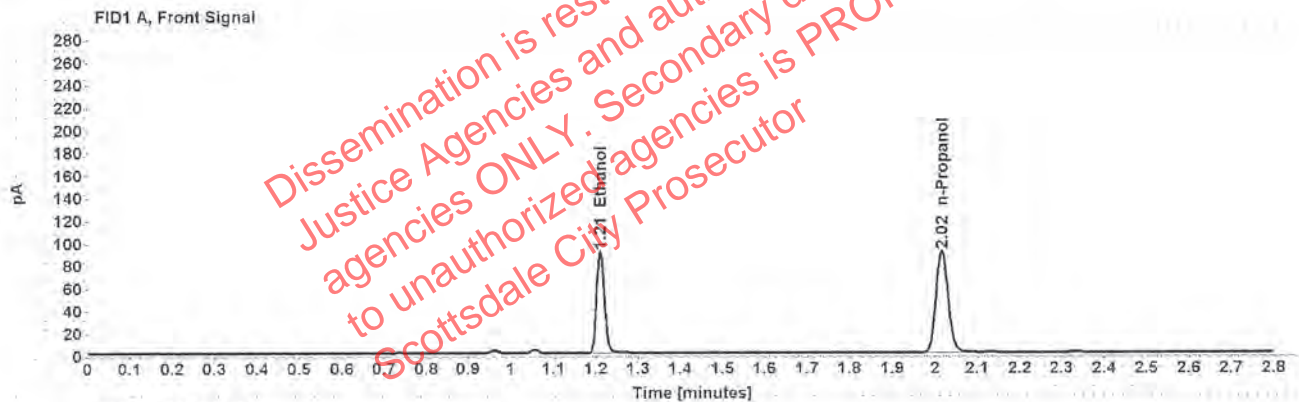


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1772	1.210	115.112
n-Propanol	-----	2.016	179.666

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.190
Ethanol	1.376	141.732
n-Propanol	2.470	214.802

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301561	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:47:25 PM
Data file:	C:\Chem32\1\Data\17Jan20\34.D	Analyst:	Canonico

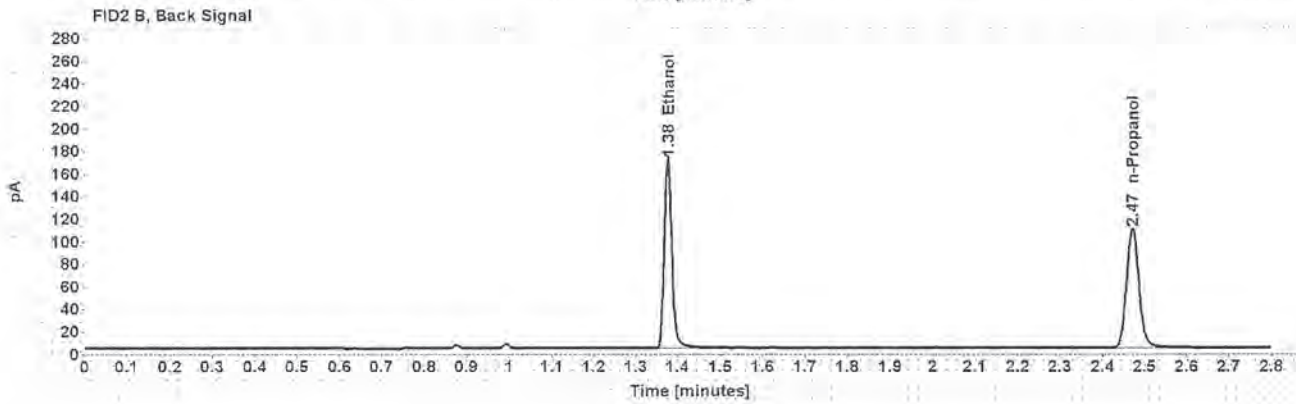
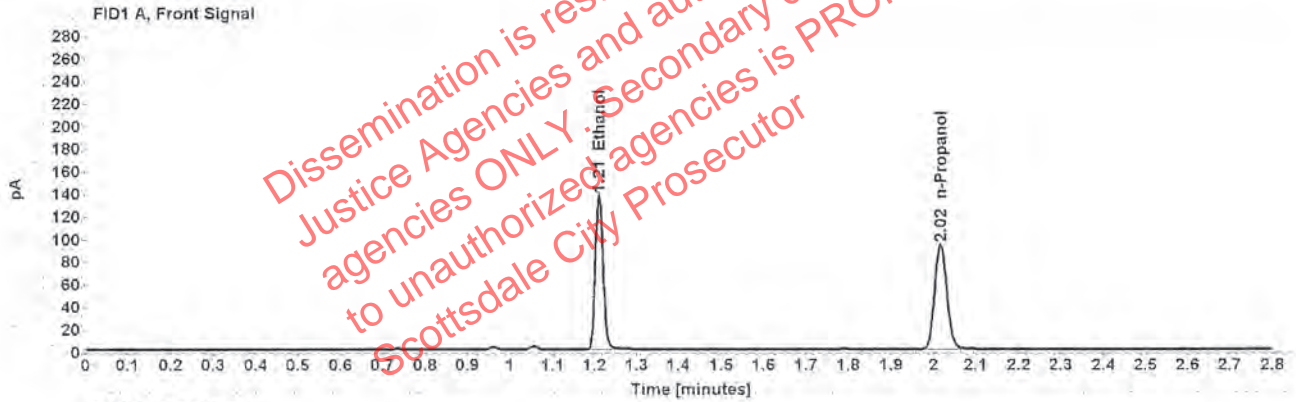


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2605	1.210	174.676
n-Propanol	-----	2.017	185.525

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

Compound	Time (min)	Peak Area
Ethanol	1.377	214.965
n-Propanol	2.470	221.482

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301561	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:51:25 PM
Data file:	C:\Chem32\1\Data\17Jan20\35.D	Analyst:	Canonico

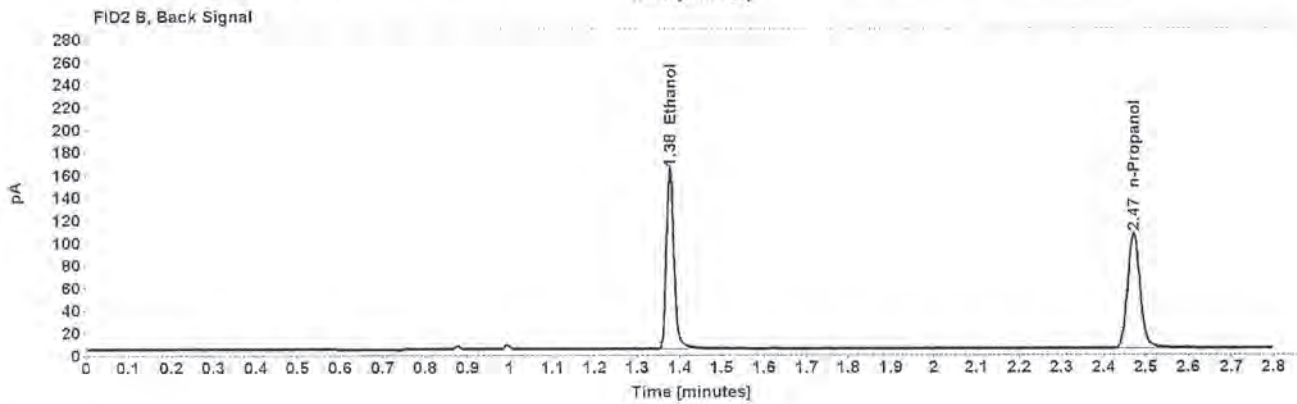
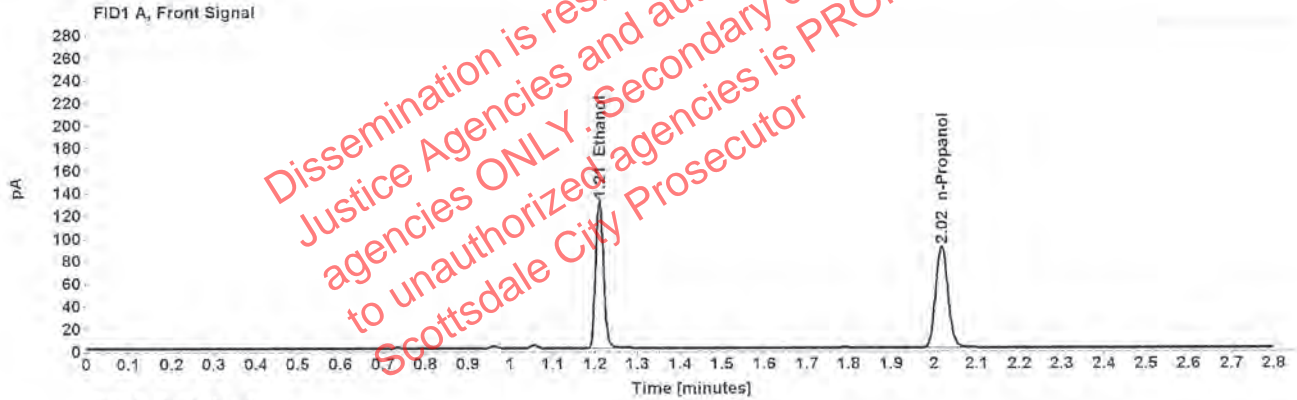


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2575	1.210	166.835
n-Propanol	-----	2.017	179.236

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

Compound	Time (min)	Peak Area
Ethanol	1.377	203.816
n-Propanol	2.470	214.059

Case: [REDACTED] User: ecanonico 1/21/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301801	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:55:25 PM
Data file:	C:\Chem32\1\Data\17Jan20\36.D	Analyst:	Canonico

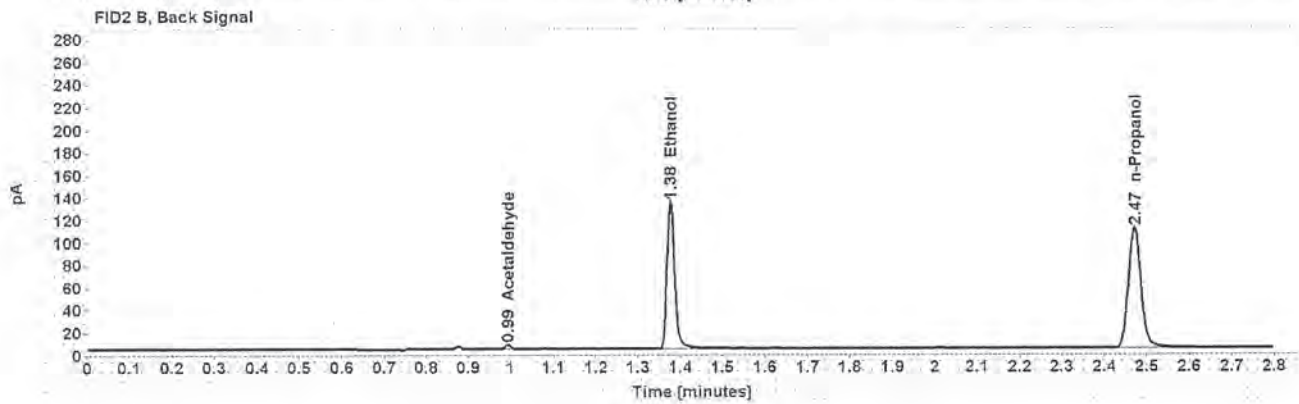
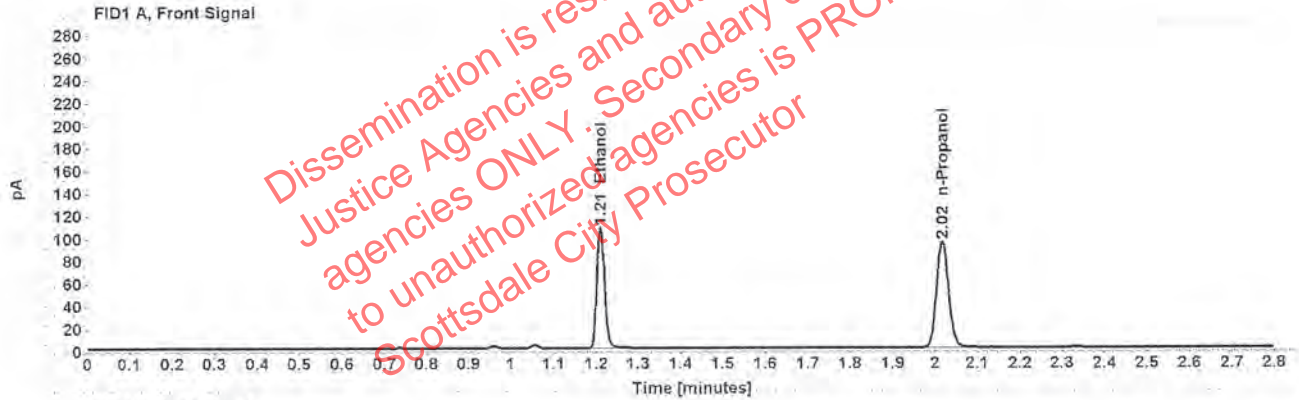


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2022	1.211	137.099
n-Propanol	-----	2.017	187.620

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.819
Ethanol	1.377	168.441
n-Propanol	2.470	224.157

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301801	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 3:59:39 PM
Data file:	C:\Chem32\1\Data\17Jan20\37.D	Analyst:	Canonico

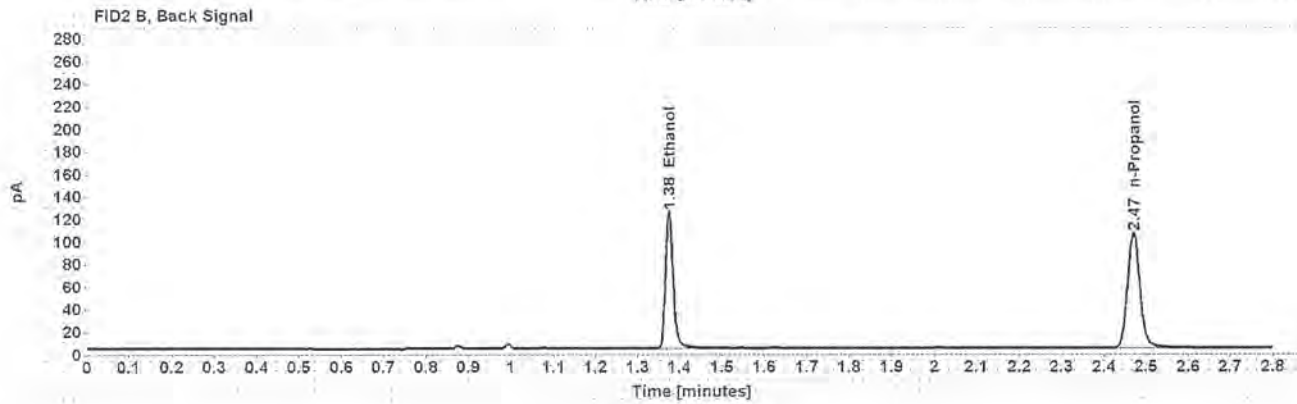
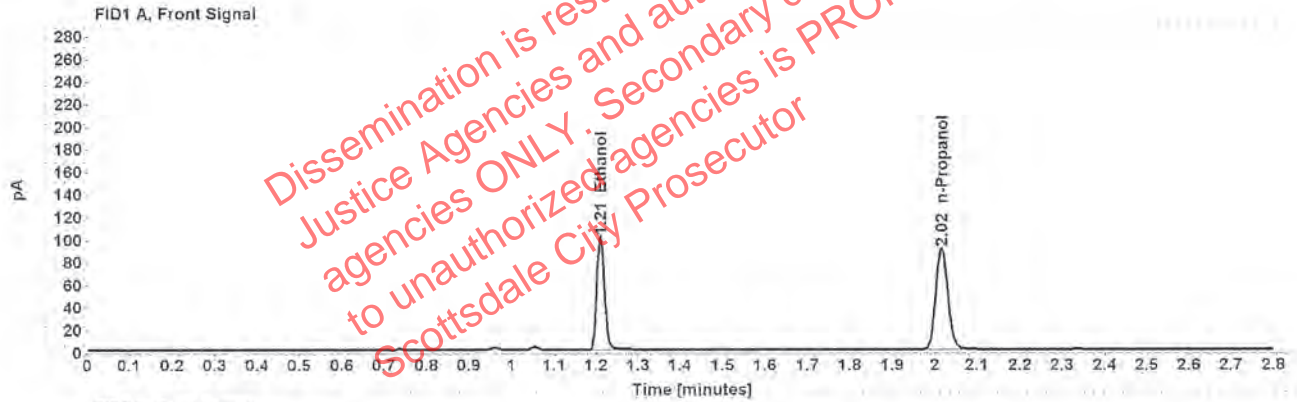


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1981	1.210	127.962
n-Propanol	-----	2.016	178.733

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

Compound	Time (min)	Peak Area
Ethanol	1.375	157.335
n-Propanol	2.469	213.048

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1273595	Vial:	38
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:03:41 PM
Data file:	C:\Chem32\1\Data\17Jan20\38.D	Analyst:	Canonico

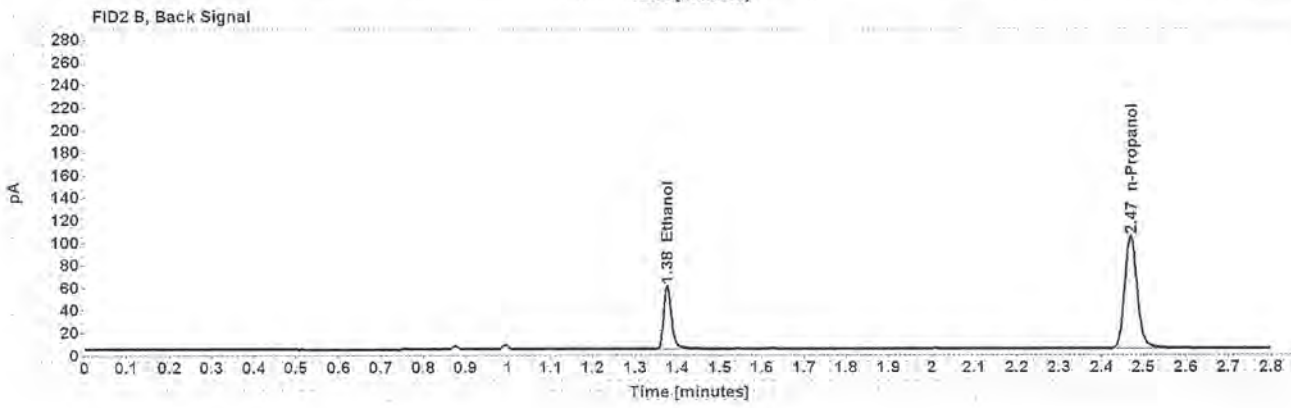
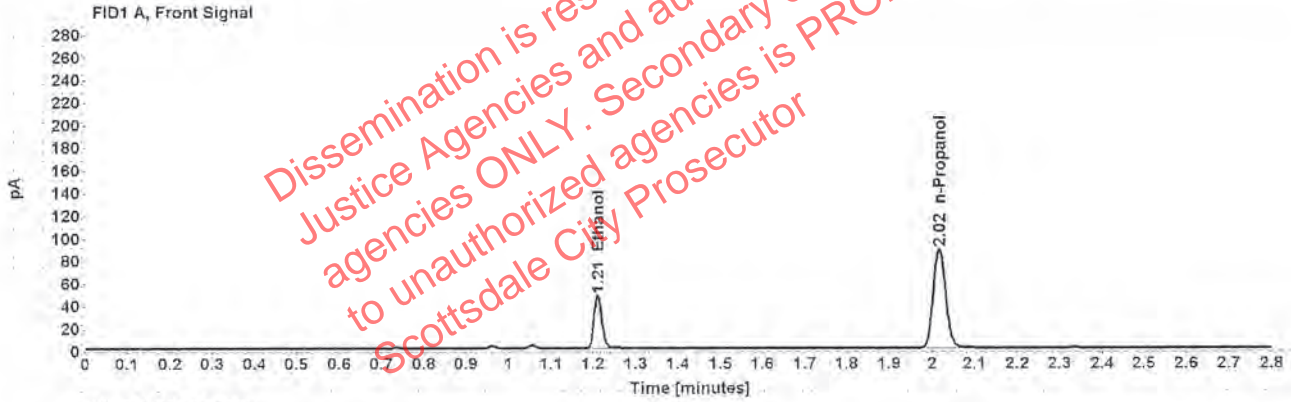


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0943	1.211	59.882
n-Propanol	-----	2.016	175.532

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

Compound	Time (min)	Peak Area
Ethanol	1.376	72.237
n-Propanol	2.469	208.399

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1273595	Vial:	39
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:07:40 PM
Data file:	C:\Chem32\1\Data\17Jan20\39.D	Analyst:	Canonico

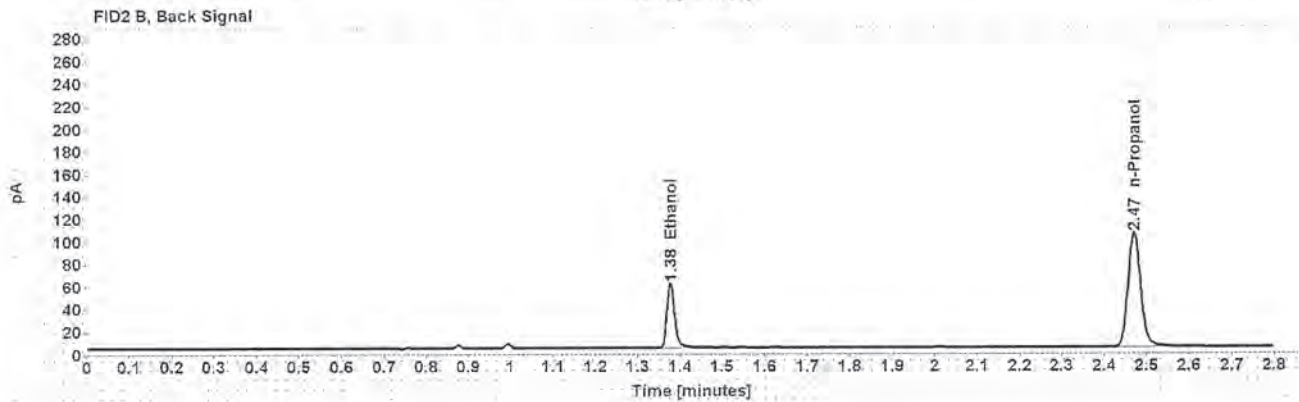


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0949	1.211	61.127
n-Propanol	-----	2.017	178.034

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

Compound	Time (min)	Peak Area
Ethanol	1.377	73.704
n-Propanol	2.470	211.576

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301566	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:11:40 PM
Data file:	C:\Chem32\1\Data\17Jan20\40.D	Analyst:	Canonico

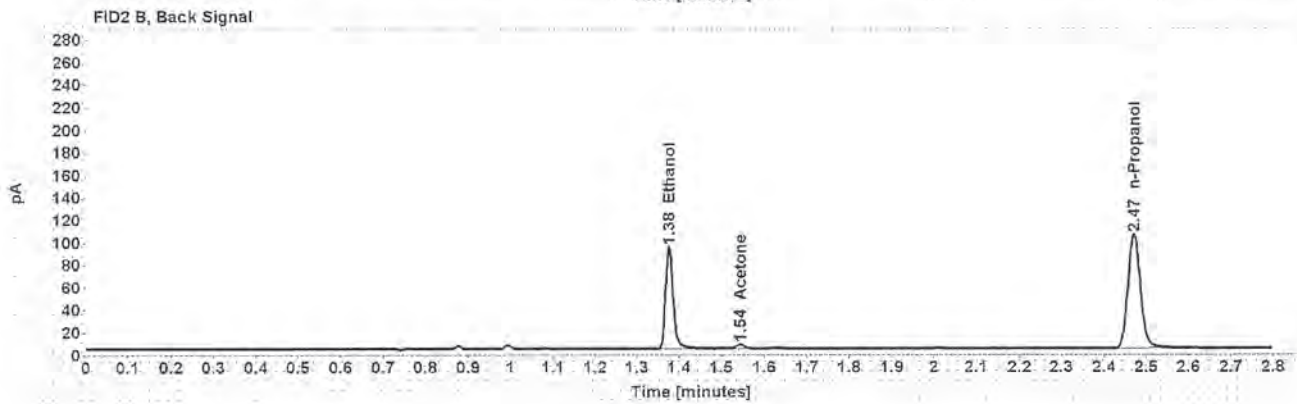
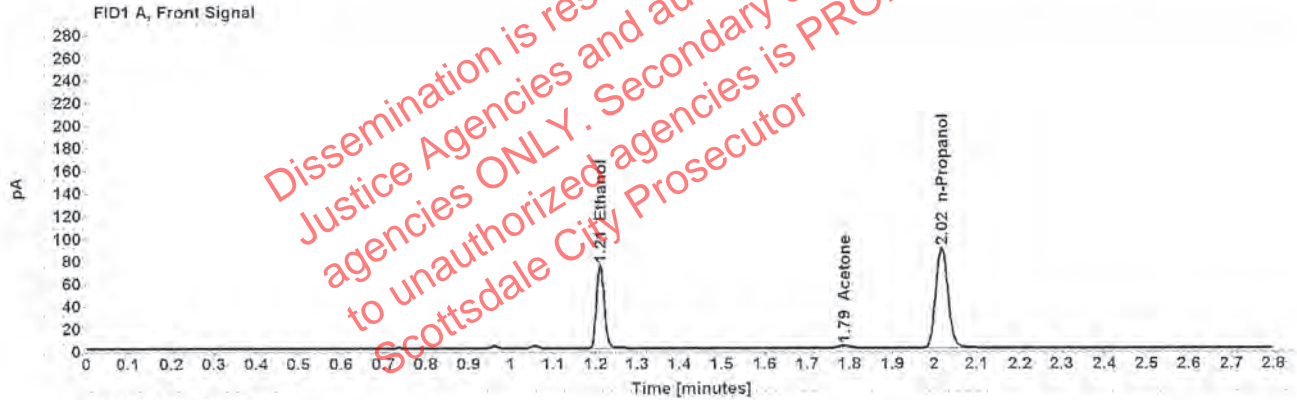


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1482	1.211	95.391
Acetone	-----	1.787	4.197
n-Propanol	-----	2.016	178.003

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

Compound	Time (min)	Peak Area
Ethanol	1.377	117.436
Acetone	1.544	5.568
n-Propanol	2.470	210.175

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301566	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:15:41 PM
Data file:	C:\Chem32\1\Data\17Jan20\41.D	Analyst:	Canonico

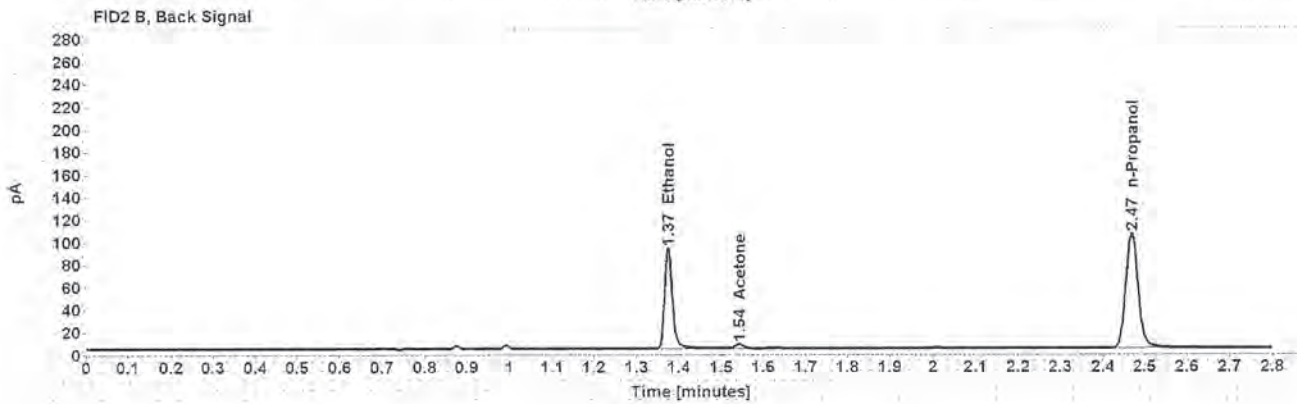
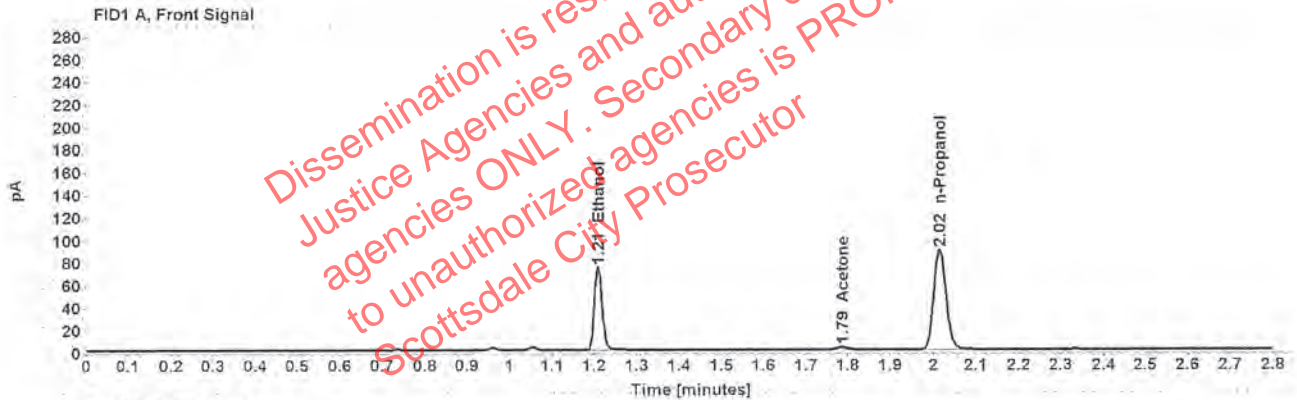


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1466	1.209	94.685
Acetone	-----	1.786	4.289
n-Propanol	-----	2.015	178.608

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

Compound	Time (min)	Peak Area
Ethanol	1.374	116.847
Acetone	1.542	5.562
n-Propanol	2.468	211.578

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302485	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:23:55 PM
Data file:	C:\Chem32\1\Data\17Jan20\43.D	Analyst:	Canonico

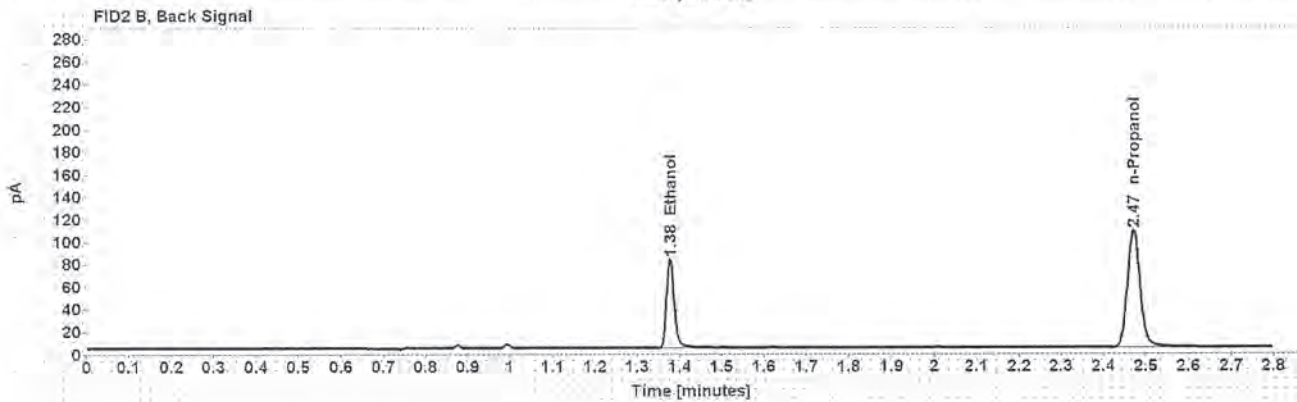
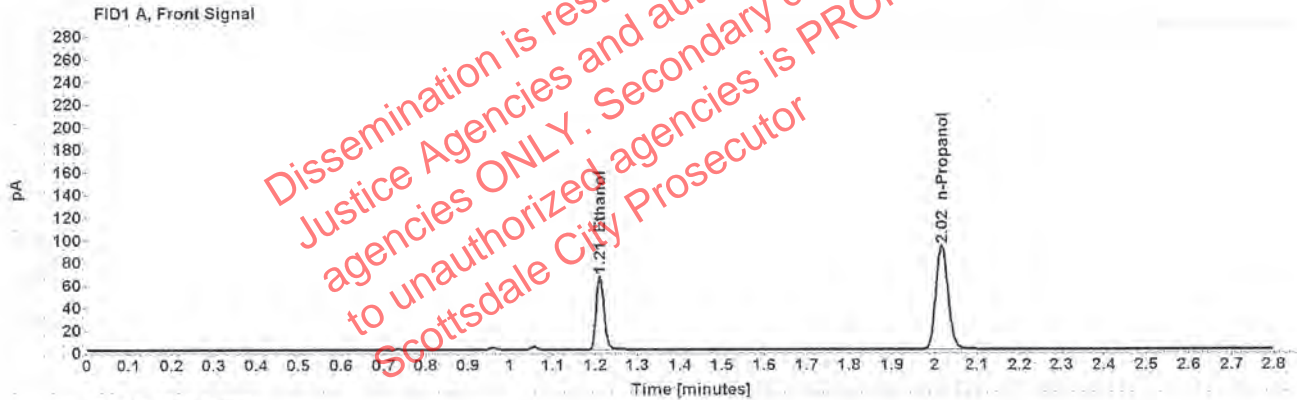


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1266	1.211	83.738
n-Propanol	-----	2.016	182.843

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

Compound	Time (min)	Peak Area
Ethanol	1.377	101.481
n-Propanol	2.470	217.930

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302485	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:27:55 PM
Data file:	C:\Chem32\1\Data\17Jan20\44.D	Analyst:	Canonico

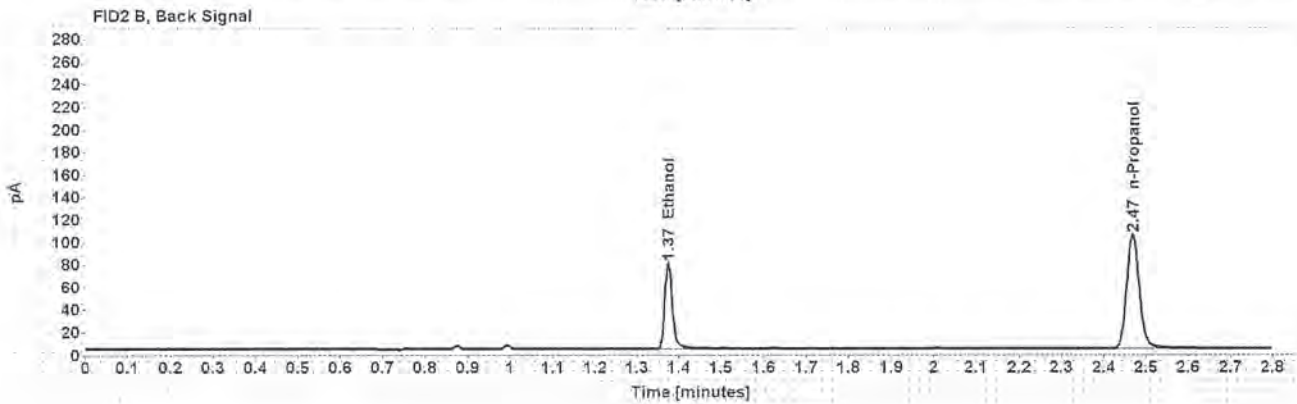
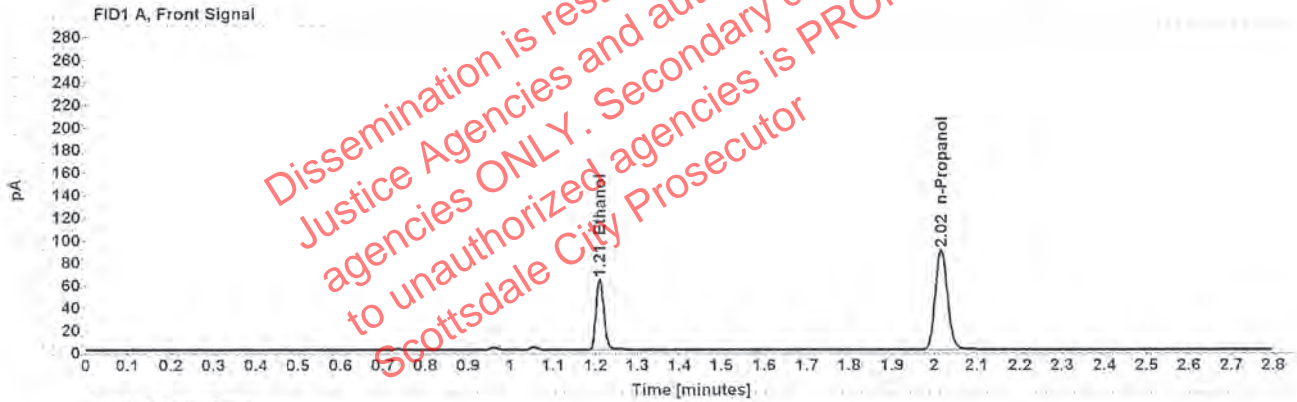


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1260	1.210	80.811
n-Propanol	-----	2.015	177.366

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

Compound	Time (min)	Peak Area
Ethanol	1.375	97.813
n-Propanol	2.468	211.330

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1300366	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:31:57 PM
Data file:	C:\Chem32\1\Data\17Jan20\45.D	Analyst:	Canonico

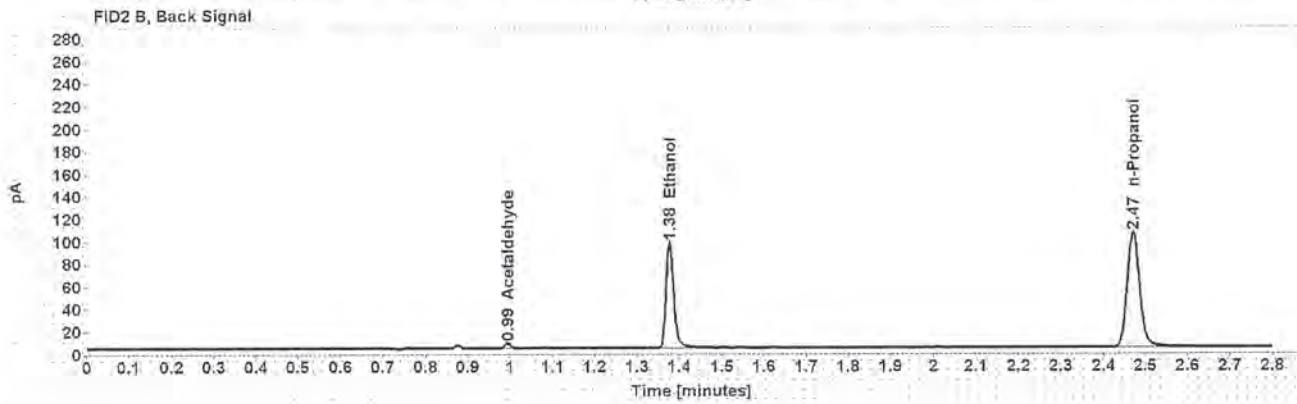
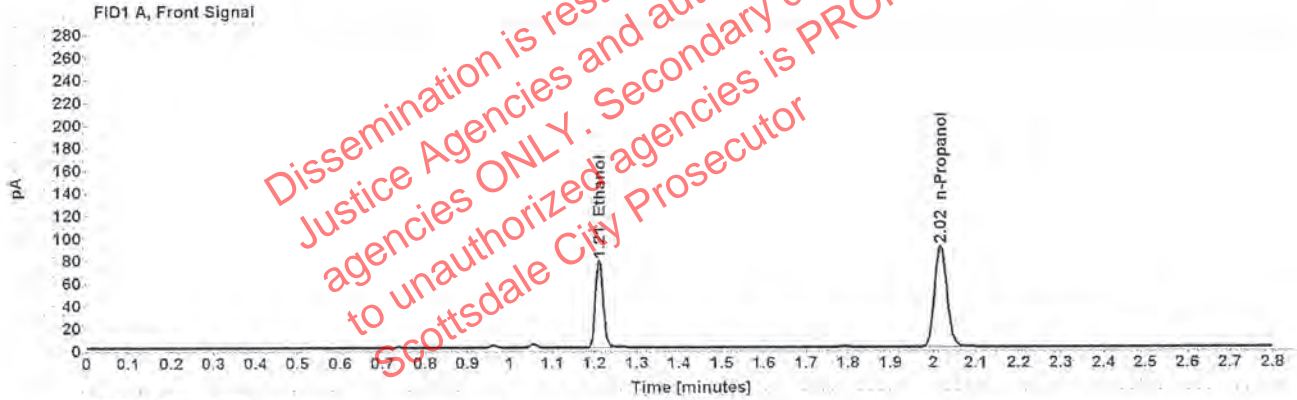


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1529	1.211	99.092
n-Propanol	-----	2.017	179.231

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.200
Ethanol	1.377	122.211
n-Propanol	2.470	213.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1300366	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:35:55 PM
Data file:	C:\Chem32\1\Data\17Jan20\46.D	Analyst:	Canonico

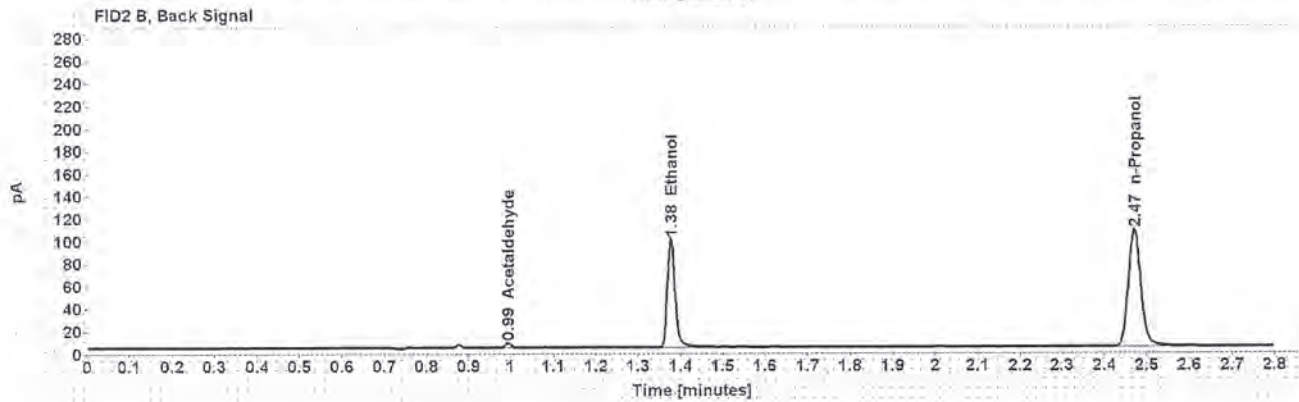
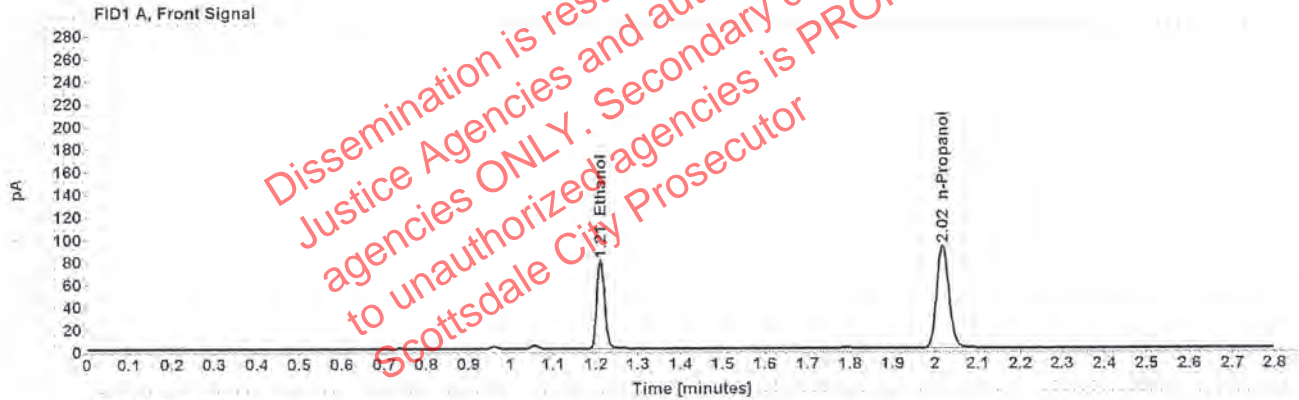


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1538	1.211	101.301
n-Propanol	-----	2.017	182.151

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.124
Ethanol	1.377	125.082
n-Propanol	2.471	217.302

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302116	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:39:56 PM
Data file:	C:\Chem32\1\Data\17Jan20\47.D	Analyst:	Canonico

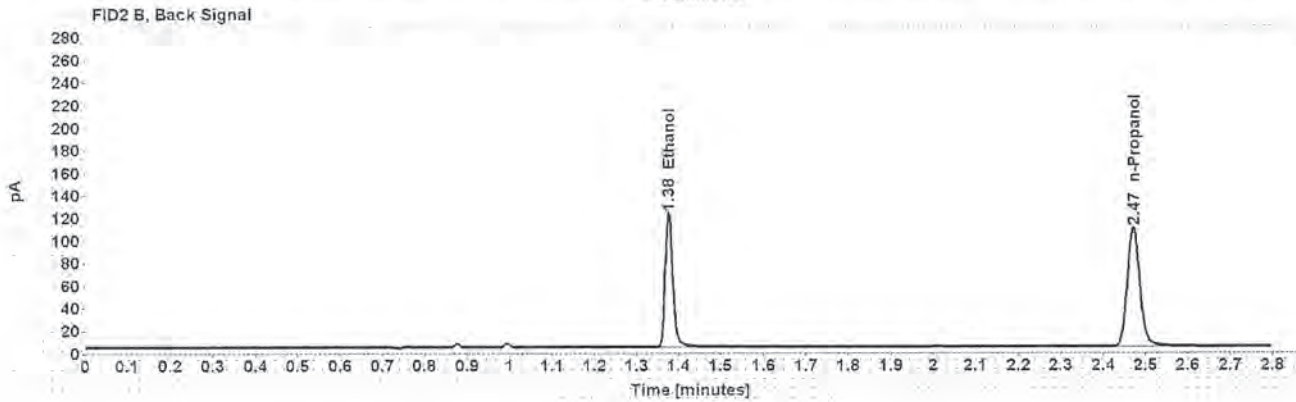
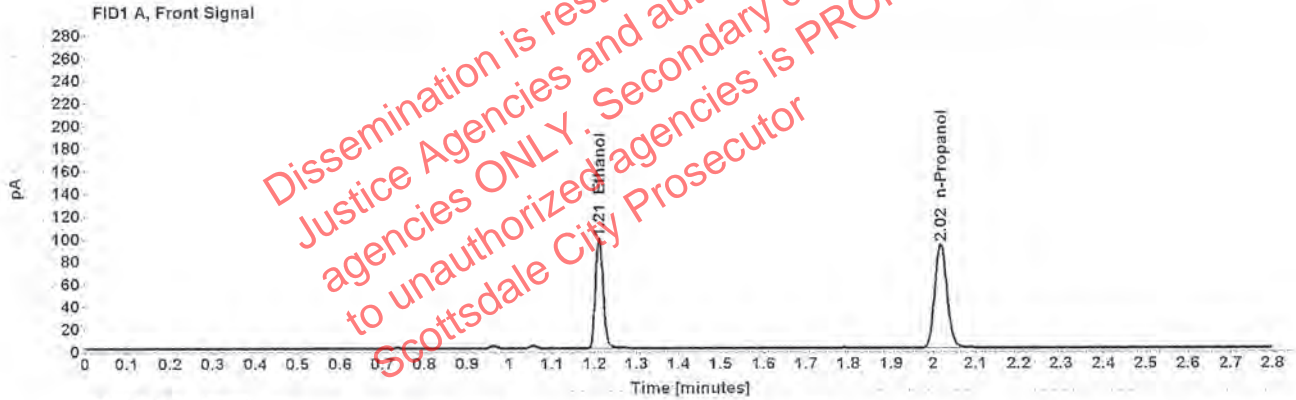


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1871	1.211	124.922
n-Propanol	-----	2.017	184.719

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

Compound	Time (min)	Peak Area
Ethanol	1.377	153.853
n-Propanol	2.471	220,729

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302116	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:43:55 PM
Data file:	C:\Chem32\1\Data\17Jan20\48.D	Analyst:	Canonico

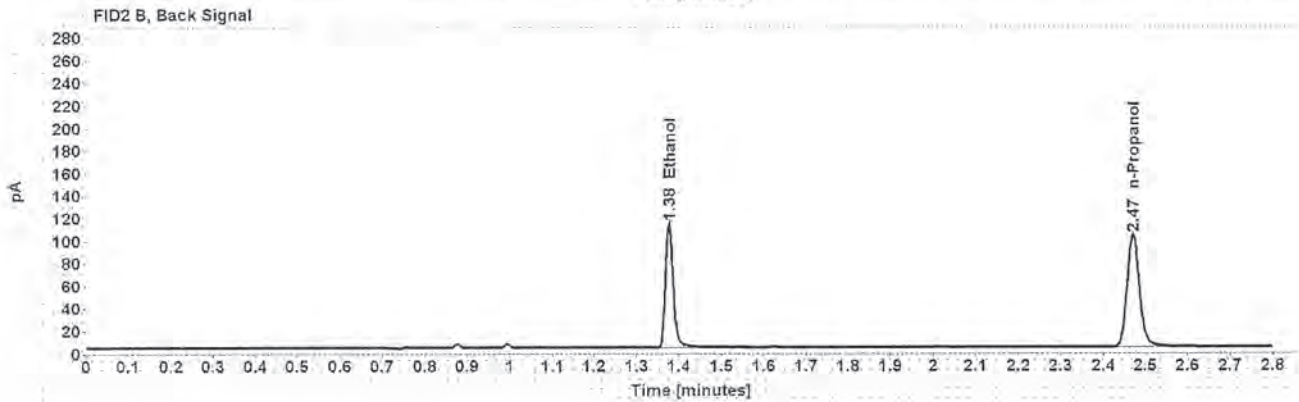
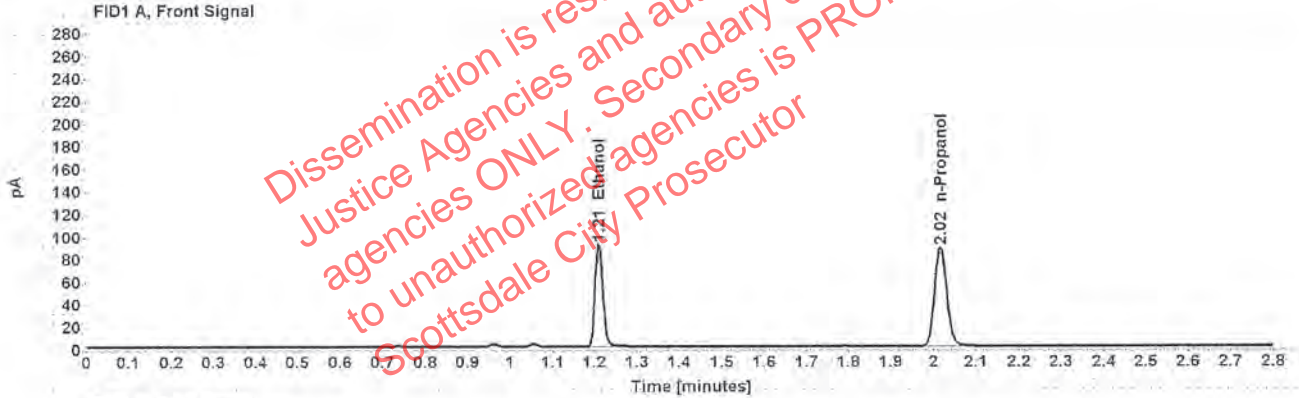


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1844	1.210	116.625
n-Propanol	-----	2.016	174.914

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

Compound	Time (min)	Peak Area
Ethanol	1.376	143.748
n-Propanol	2.470	208.780

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302515	Vial:	49
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:48:11 PM
Data file:	C:\Chem3211\Data\17Jan20\49.D	Analyst:	Canonico

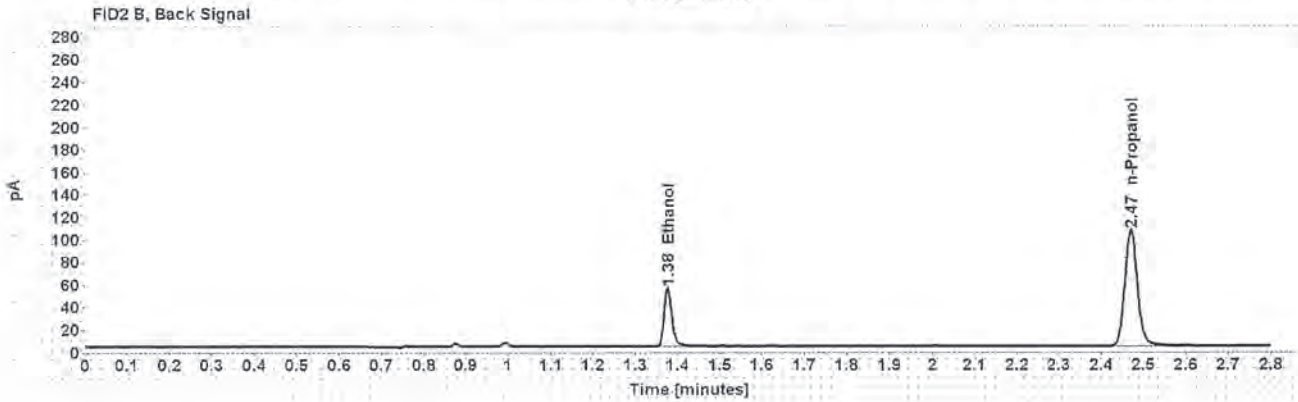


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0853	1.211	55.577
n-Propanol	-----	2.016	180.161

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

Compound	Time (min)	Peak Area
Ethanol	1.376	66.947
n-Propanol	2.470	215.049

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302515	Vial:	50
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/17/2020 4:52:10 PM
Data file:	C:\Chem32\1\Data\17Jan20\50.D	Analyst:	Canonico

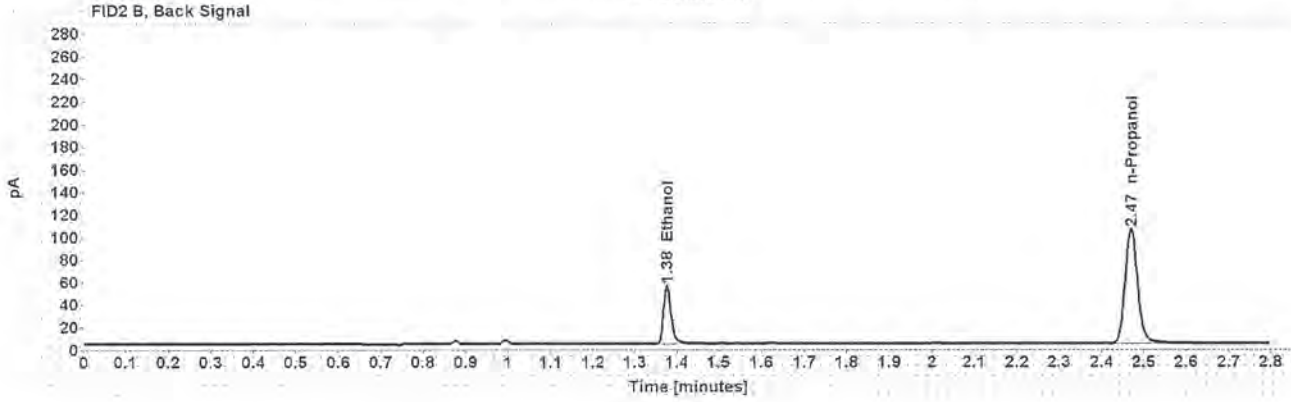
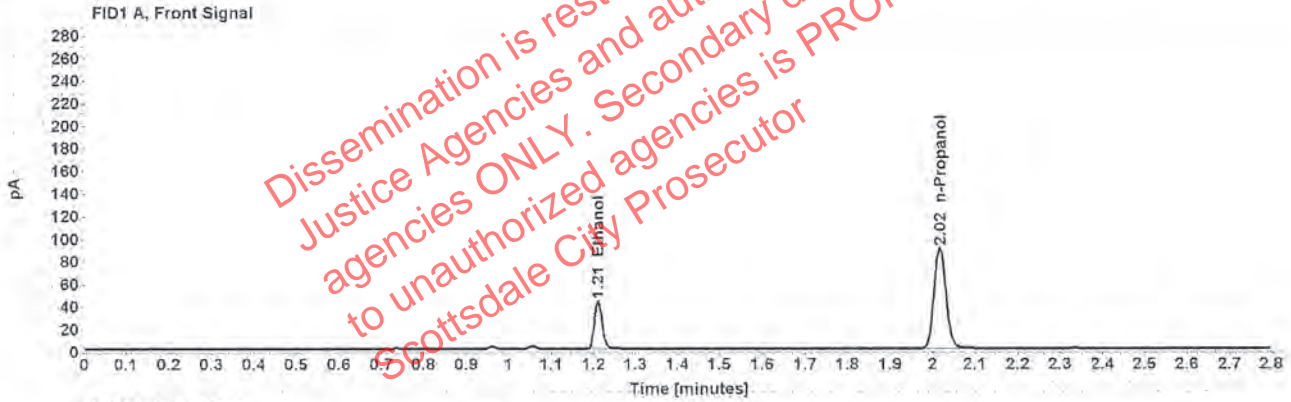


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0855	1.211	55.018
n-Propanol	-----	2.016	177.854

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

Compound	Time (min)	Peak Area
Ethanol	1.376	66.183
n-Propanol	2.470	212.055