



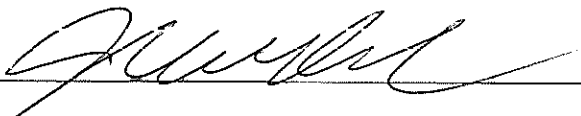
Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 2

Date	N ₂ Tank Pressure	H ₂ Pressure	Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Initials
		H ₂ Water Level			Pass/Fail	Pass/Fail		
12/20/2021	70 400	70 yes	70 800	70 1500	pass	pass		EP
12/21/2021	70 400	70 yes	70 600	70 1450	pass	pass		KMY
12/22/2021	70 350	70 yes	70 400	70 1400	Pass	Pass		JR
JP 12/28/2021								

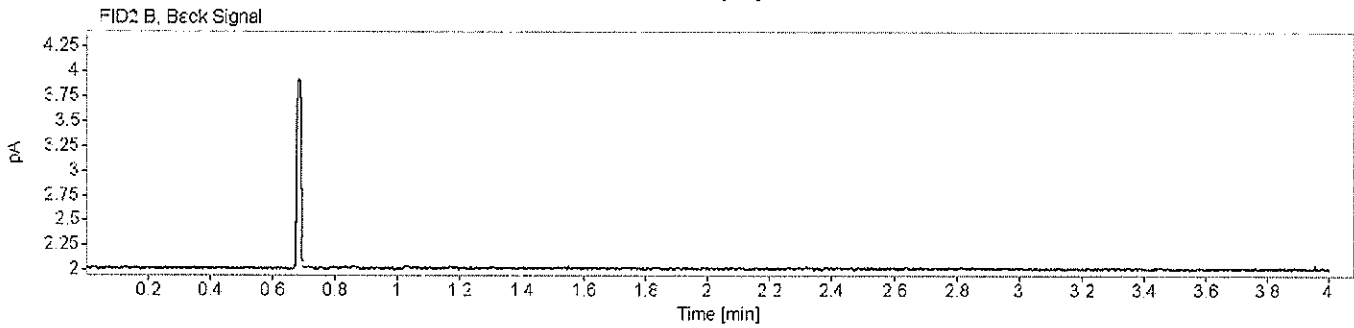
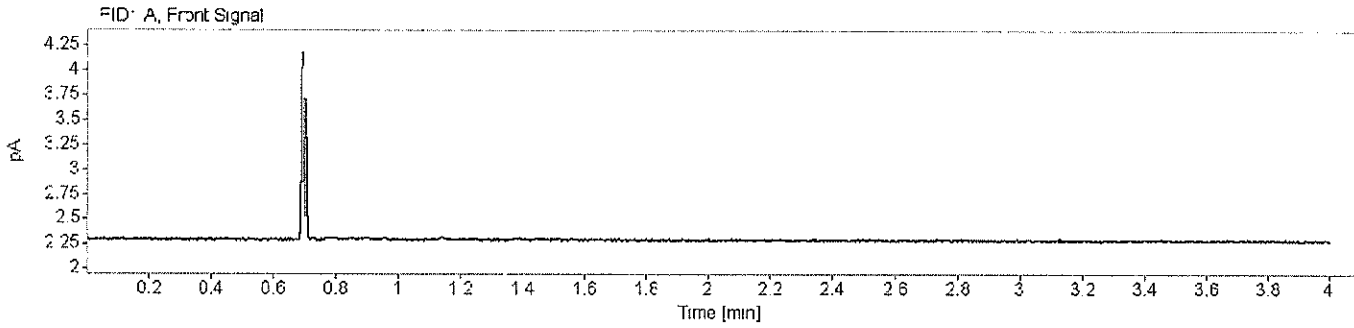
Signature: 

Date Completed: 12/28/2021

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 1
Instrument: Headspace 2 Acc. Method: ALC.M Injection Date: 12/20/2021 9:31:19 AM
Data File: C:\Chem32\1\Data\ALC_20211220_TEST 2021-12-20 09-22-17\001F0101.D

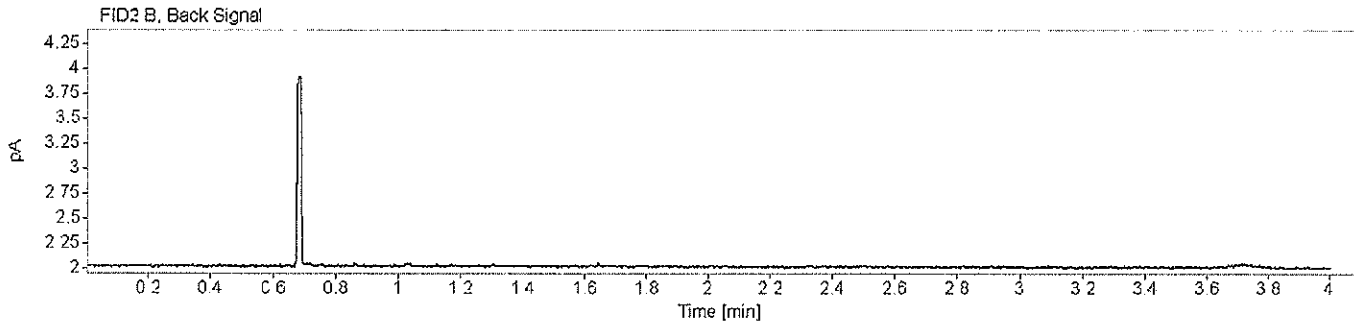
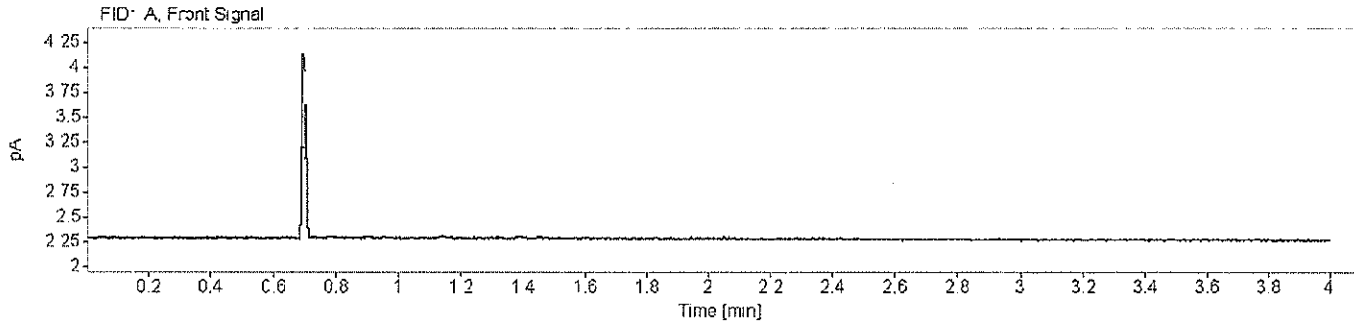


EP

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 2
Instrument: Headspace 2 Acc. Method: ALC.M Injection Date: 12/20/2021 9:35:48 AM
Data File: C:\Chem32\1\Data\ALC_20211220_TEST 2021-12-20 09-22-17\002F0201.D

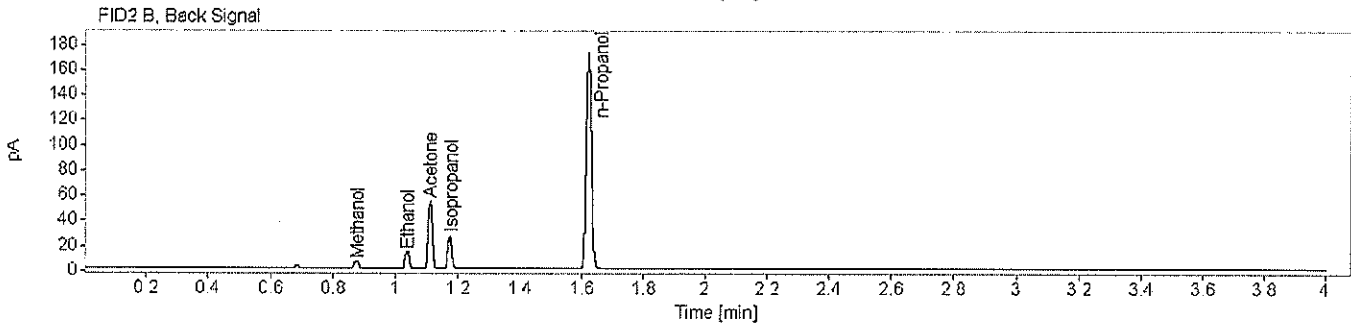
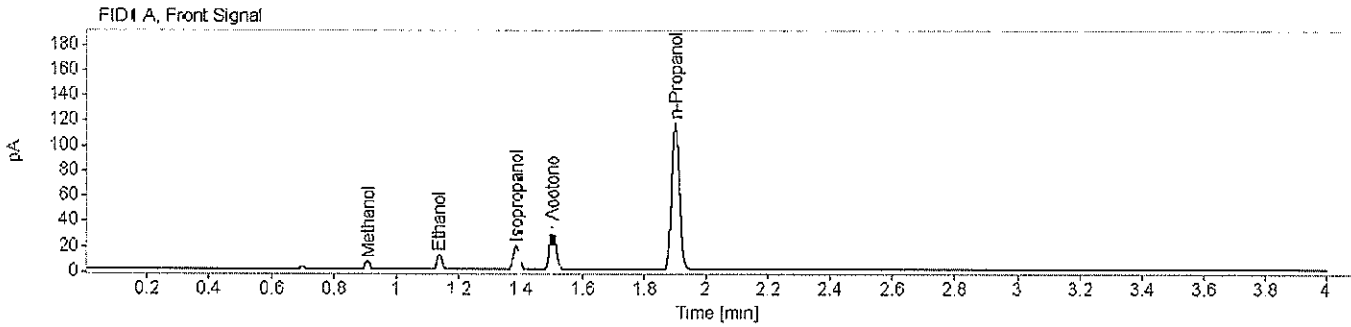


EP

Houston Forensic Science Center, Inc.
 Comparative and Analytical Division - Toxicology
 Volatiles Analysis Chromatograms



Sample Name: SS Description: Lot: FN02242010 Vial Number: 3
 Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/20/2021 9:41:42 AM
 Data File: C:\Chem32\1\Data\ALC_20211220_TEST 2021-12-20 09-22-17\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.02476		0.908	0.908	6.3847	0.0113
Ethanol	0.87630		1.139	1.139	13.0864	0.0117
Isopropanol	0.89610		1.386	1.386	25.1089	0.0100
Acetone	0.90740		1.504	1.503	49.4967	0.0105
n-Propanol	0.91325		1.900	1.901	202.5099	0.0100

Name FID2B

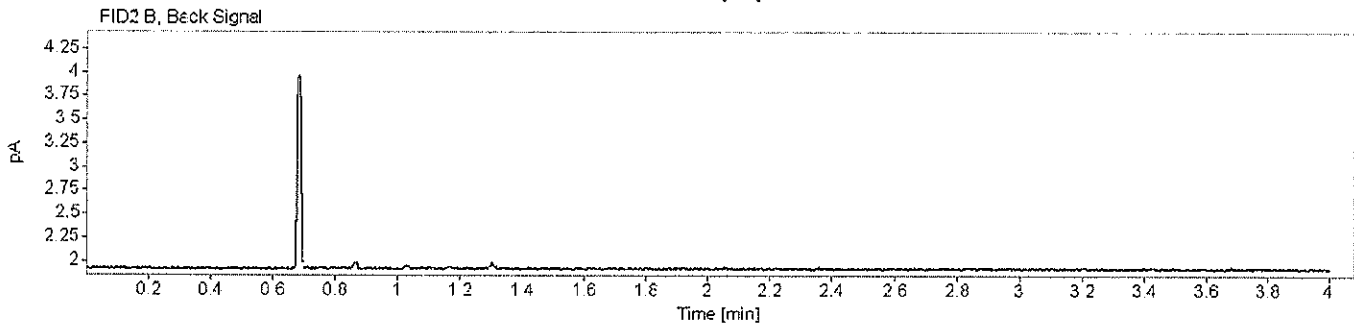
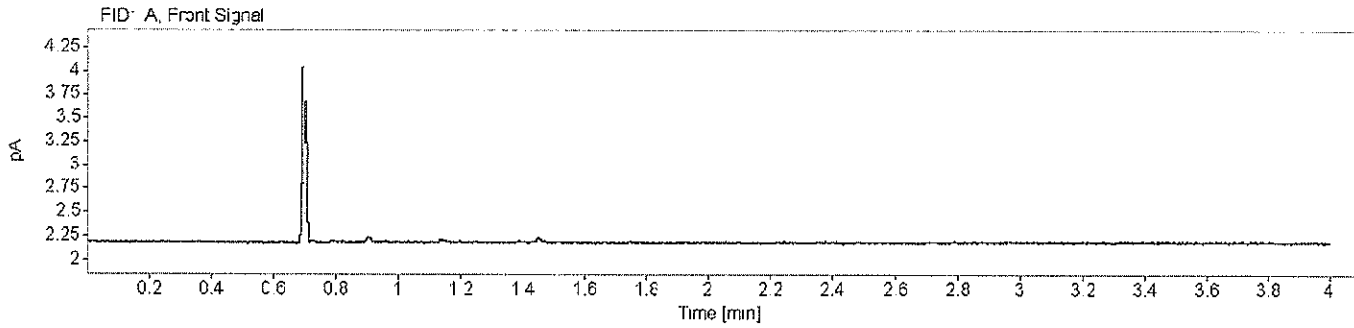
Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.31961		0.877	0.879	6.3784	0.0112
Ethanol	0.91239		1.039	1.041	13.0153	0.0115
Acetone	0.92441		1.113	1.115	48.8959	0.0104
Isopropanol	0.89899		1.175	1.180	24.9543	0.0099
n-Propanol	0.96152		1.623	1.629	201.4523	0.0100

EP

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 1
Instrument: Headspace 2 Acc. Method: ALC.M Injection Date: 12/21/2021 8:55:18 AM
Data File: C:\Chem32\1\Data\ALC_20211221_TEST 2021-12-21 08-46-17\001F0101.D

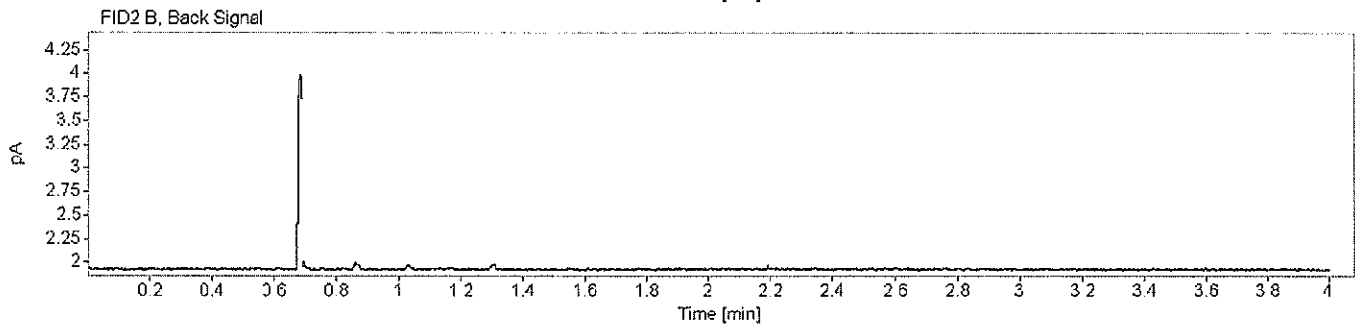
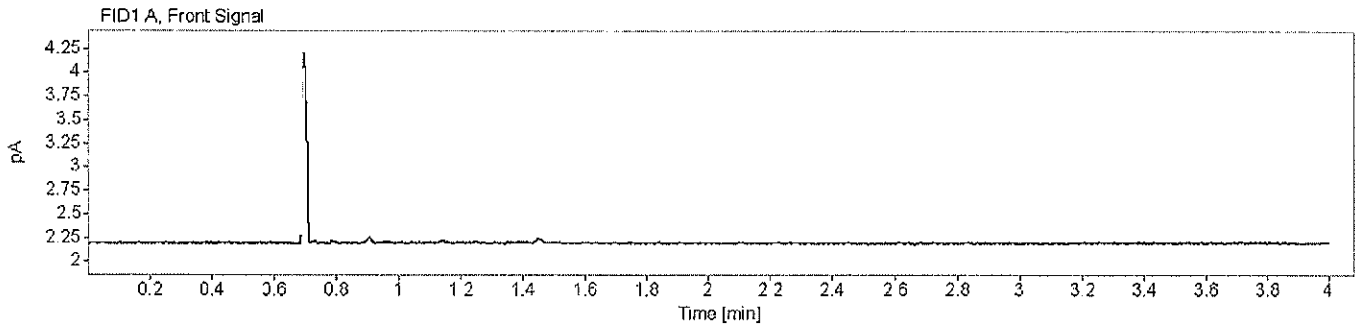


KMY

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 2
Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/21/2021 8:59:48 AM
Data File: C:\Chem32\1\Data\ALC_20211221_TEST 2021-12-21 08-46-17\002F0201.D

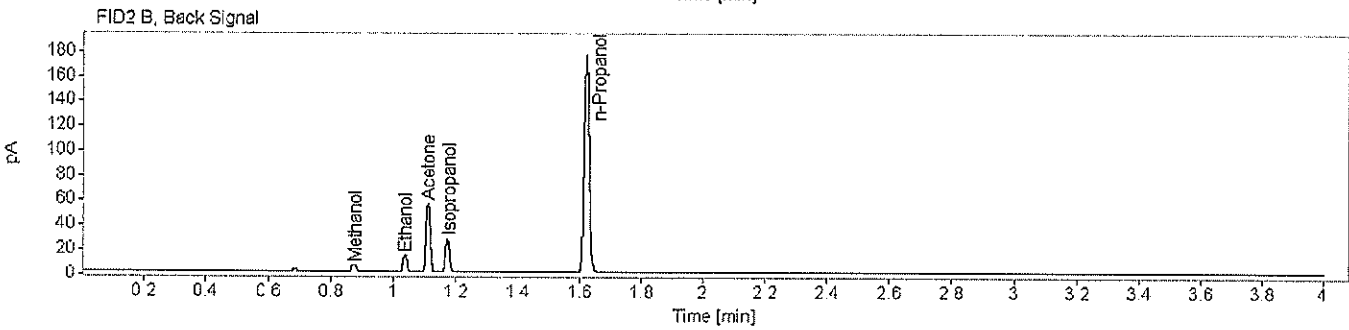
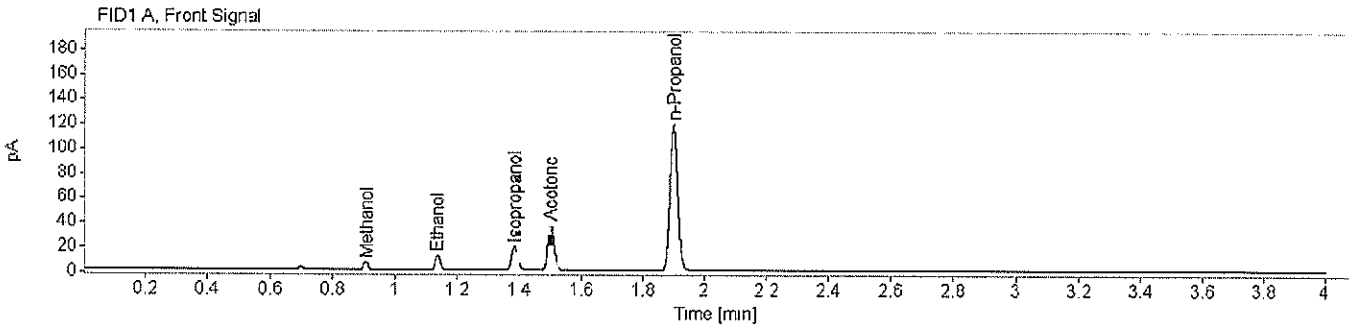


KMC

Houston Forensic Science Center, Inc.
 Comparative and Analytical Division - Toxicology
 Volatiles Analysis Chromatograms



Sample Name: SS Description: Lot: FN02242010 Vial Number: 3
 Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/21/2021 9:05:41 AM
 Data File: C:\Chem32\1\Data\ALC_20211221_TEST 2021-12-21 08-46-17\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.02374		0.908	0.908	6.5448	0.0113
Ethanol	0.86745		1.139	1.139	13.3846	0.0117
Isopropanol	0.88234		1.386	1.386	25.7844	0.0101
Acetone	0.90400		1.504	1.503	51.7683	0.0108
n-Propanol	0.90433		1.900	1.901	207.2586	0.0100

Name FID2B

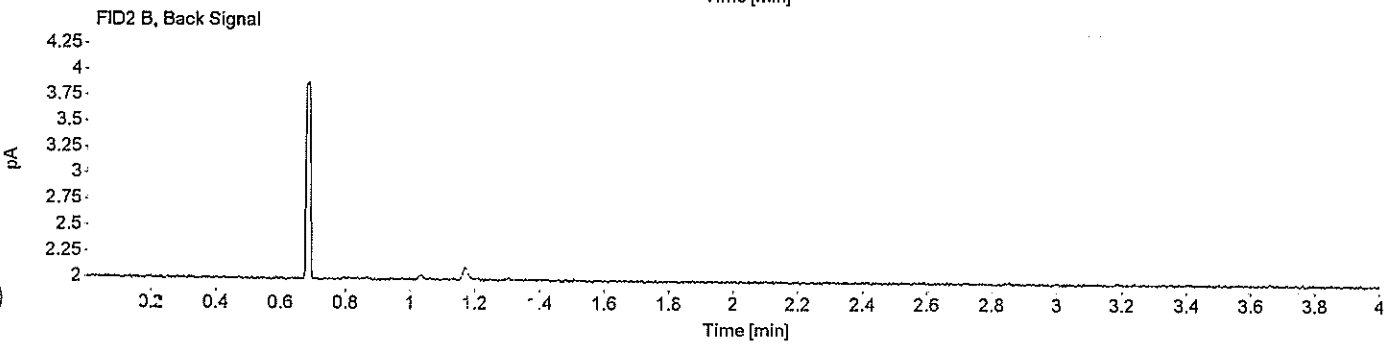
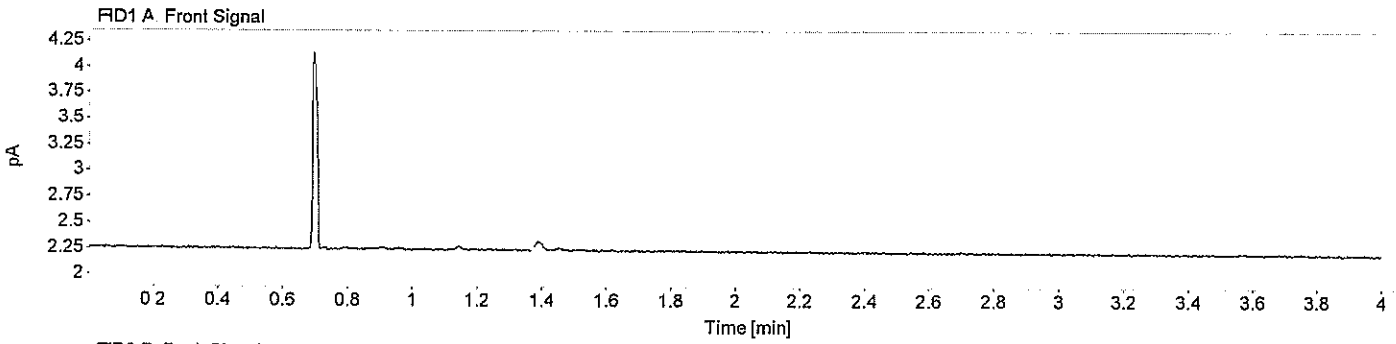
Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.31573		0.877	0.879	6.5723	0.0113
Ethanol	0.90312		1.039	1.041	13.3730	0.0115
Acetone	0.92330	~412.45130267332	1.113	1.115	51.2200	0.0107
Isopropanol	0.89367	676.6C7101635513	1.176	1.180	25.7677	0.0101
n-Propanol	0.95732		1.623	1.629	205.8000	0.0100

KMQ

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 1
Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/22/2021 8:08:18 AM
Data File: C:\Chem32\1\Data\ALC_202-1222_TEST 2021-12-22 07-59-17\001F0101.D

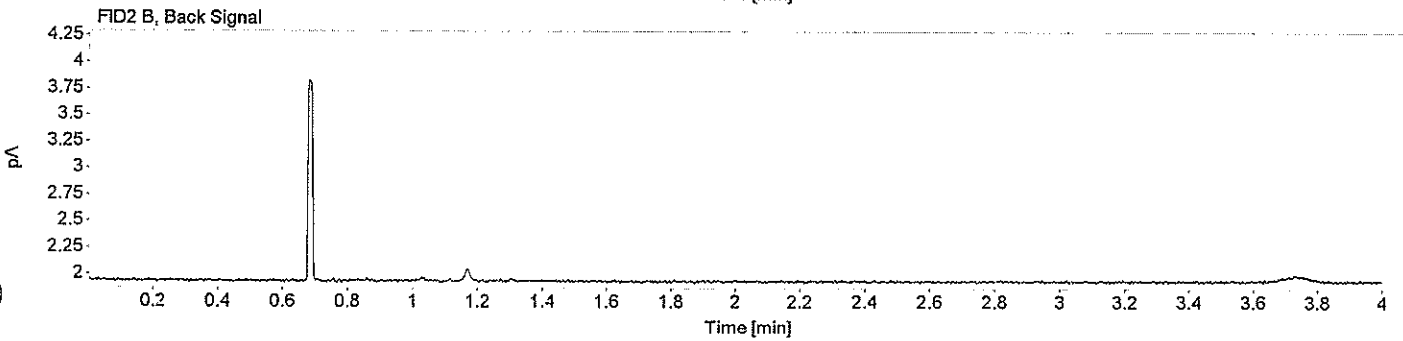
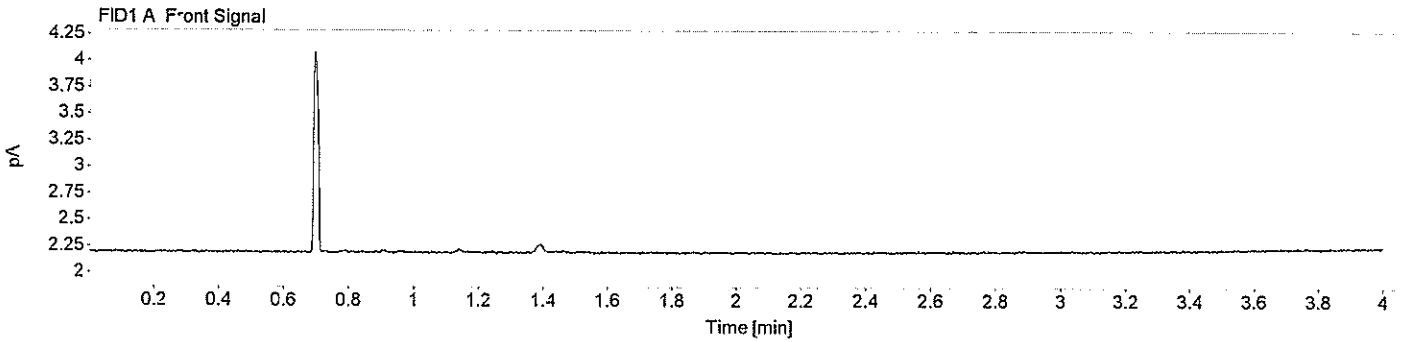


JR

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 2
Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/22/2021 8:12:49 AM
Data File: C:\Chem32\11\Data\ALC_2021-222_TEST 2021-12-22 07-59-17\002F0201.D

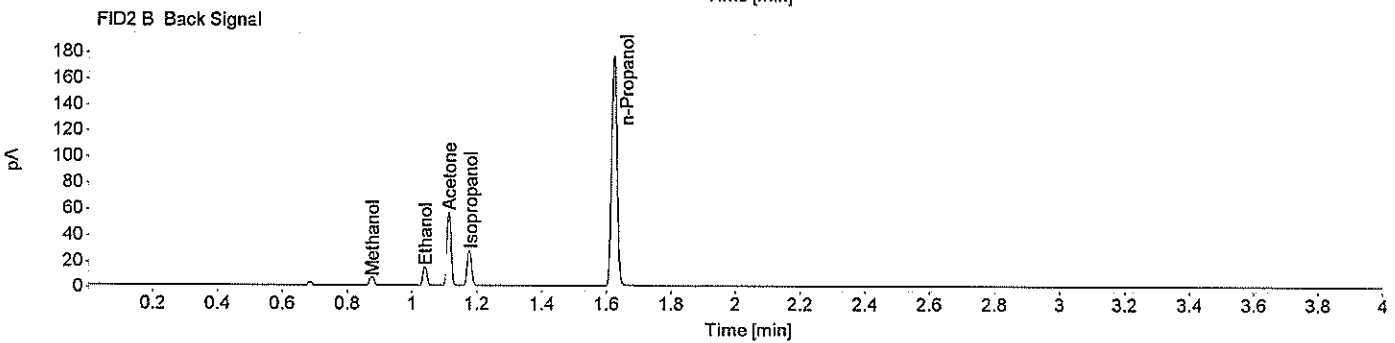
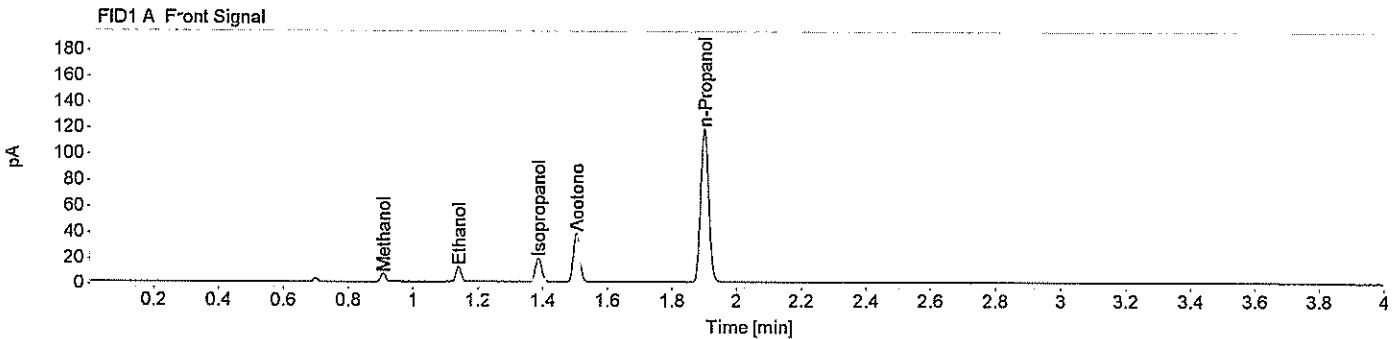


JR

Houston Forensic Science Center, Inc.
 Comparative and Analytical Division - Toxicology
 Volatiles Analysis Chromatograms



Sample Name: SS Description: Lot: FN02242010 Vial Number: 3
 Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/22/2021 8:18:42 AM
 Data File: C:\Chem32\1\Data\ALC_20211222_TEST 2021-12-22 07-59-17\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.00881		0.908	0.908	6.4647	0.0113
Ethanol	0.87377		1.140	1.139	13.2305	0.0116
Isopropanol	0.88478		1.387	1.386	25.7310	0.0101
Acetone	0.90282		1.504	1.503	51.7849	0.0108
n-Propanol	0.90449		1.901	1.901	206.1329	0.0100

Name FID2B

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.17240		0.877	0.879	6.4588	0.0111
Ethanol	0.91783		1.039	1.041	13.2848	0.0115
Acetone	0.92393		1.113	1.115	51.2594	0.0107
Isopropanol	0.89663		1.176	1.180	25.6254	0.0101
n-Propanol	0.95625		1.624	1.629	204.8045	0.0100

JR