

Lab name: SRI Instruments
 Client: SRI Final Test
 Client ID: N12575
 Analysis date: 02/25/2024 09:08:13
 Method: MG5
 Description: FIDmeth medgain
 Column: MG5 set
 Carrier: C1=15 C2=10psi Argon
 Integration: Peak sens=90.0 Base sens=60.0 Min area= 1.00 Standa
 Data file: CH1-49.CHR ()
 Sample: 1% mix
 Comments: H2 makeup=25psi=30ml/min Air=BIAC

Lab name: SRI Instruments
 Client: SRI Final Test
 Client ID: N12575
 Analysis date: 02/25/2024 09:08:13
 Method: MG5
 Description: TCD low current
 Column: MG5 set
 Carrier: C1=15 C2=10psi Argon
 Integration: Peak sens=70.0 Base sens=60.0 Min area= 1.00 Standa
 Data file: CH2-49.chr ()
 Sample: 1% mix
 Comments: H2 makeup=25psi=30ml/min Air=BIAC

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	2.000	20.000	90.00
90.00	6.000	30.000	270.00
270.00	4.000	0.000	270.00

Events:

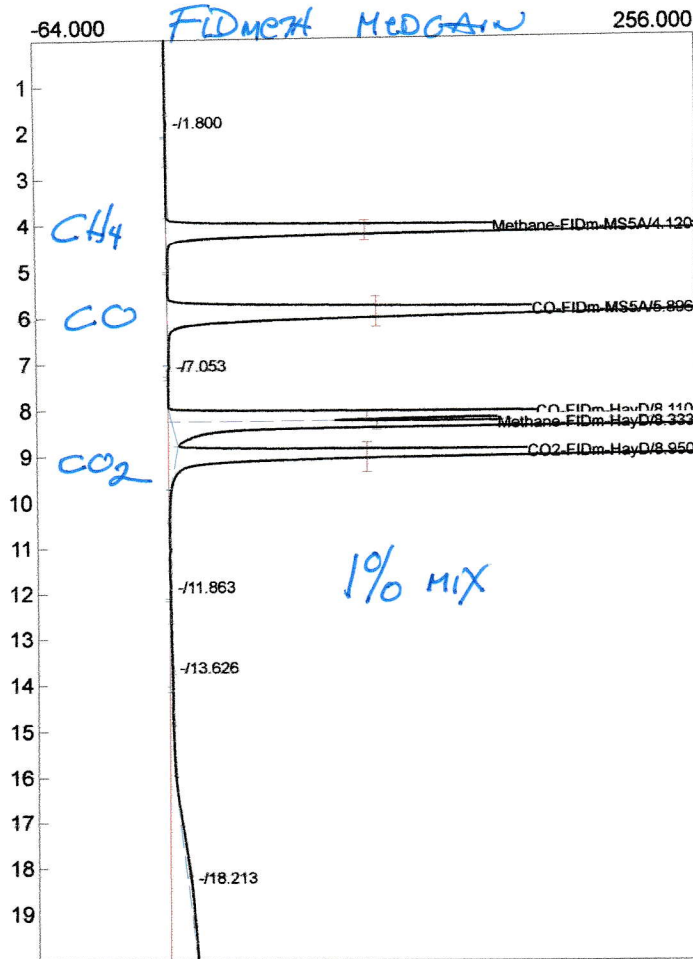
Time	Event
0.000	ZERO
0.000	SOUND
0.020	G ON (Valve1Rotate)
0.800	G OFF (Valve1Rotate)
7.000	F ON (TrapHeat)
11.000	F OFF (TrapHeat)

Temperature program:

Init temp	Hold	Ramp	Final temp
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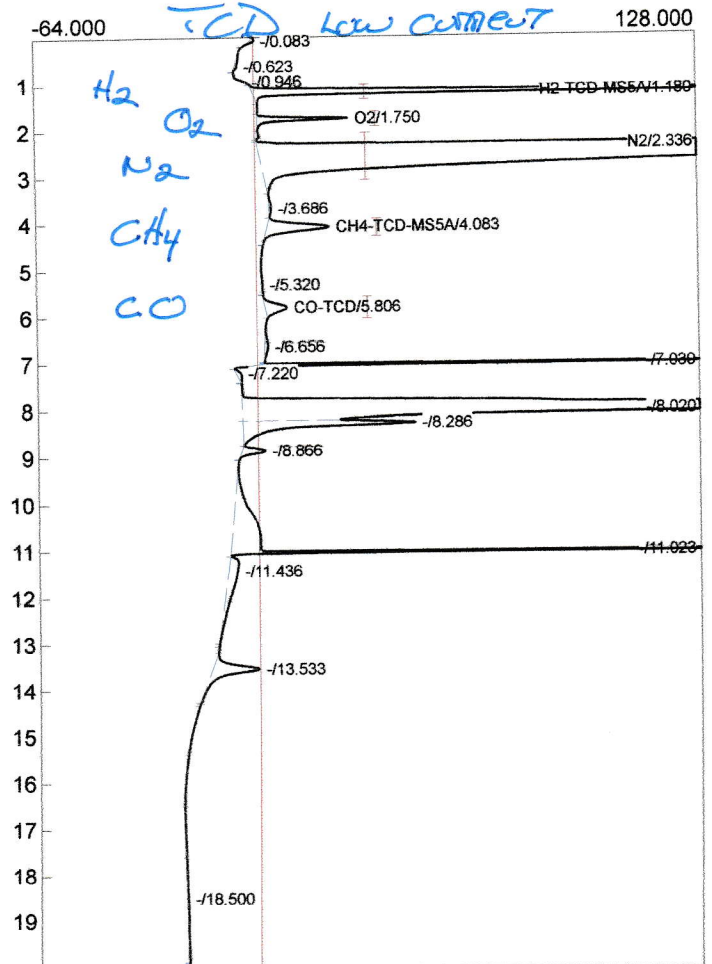
Events:

Time	Event
0.000	ZERO
1.000	INTEG BASED IMMEDIATE
3.500	INTEG BASED IMMEDIATE
6.000	INTEG BASED IMMEDIATE
7.000	INTEG BASED IMMEDIATE



Component	Retention	Area	Internal	Units
Methane-FIDm-MS5A	4.120	3668.2816	10000.0000	ppm
CO-FIDm-MS5A	5.896	3673.9708	10000.0000	ppm
CO-FIDm-HayD	8.110	3109.9398	10000.0000	%
Methane-FIDm-HayD	8.333	3637.9314	10000.0000	%
CO2-FIDm-HayD	8.950	3321.9312	10000.0000	ppm

17412.0548 50000.0000



Component	Retention	Area	Internal	Units
H2-TCD-MS5A	1.180	797.7856	1.0000	%
O2	1.750	114.6800	1.0000	%
N2	2.336	6358.8911	80.0000	%
CH4-TCD-MS5A	4.083	192.1750	1.0000	%
CO-TCD	5.806	71.7670	10000.0000	ppm

7535.2787 10083.0000

Lab name: SRI Instruments
 Client: SRI Final Test
 Client ID: N12575
 Analysis date: 02/25/2024 10:22:14
 Method: MG5
 Description: FIDmeth medgain
 Column: MG5 set
 Carrier: C1=15 C2=10psi Argon
 Integration: Peak sens=90.0 Base sens=60.0 Min area= 10.00 Stand:
 Data file: CH1-51.CHR ()
 Sample: 1000ppm C1-C6 alkanes
 Comments: H2 makeup=25psi=30ml/min Air=BIAC

Lab name: SRI Instruments
 Client: SRI Final Test
 Client ID: N12575
 Analysis date: 02/25/2024 10:22:14
 Method: MG5
 Description: TCD low current
 Column: MG5 set
 Carrier: C1=15 C2=10psi Argon
 Integration: Peak sens=70.0 Base sens=60.0 Min area= 1.00 Standa
 Data file: CH2-51.chr ()
 Sample: 1000ppm C1-C6 alkanes
 Comments: H2 makeup=25psi=30ml/min Air=BIAC

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	2.000	20.000	90.00
90.00	6.000	30.000	270.00
270.00	14.000	0.000	270.00

Events:

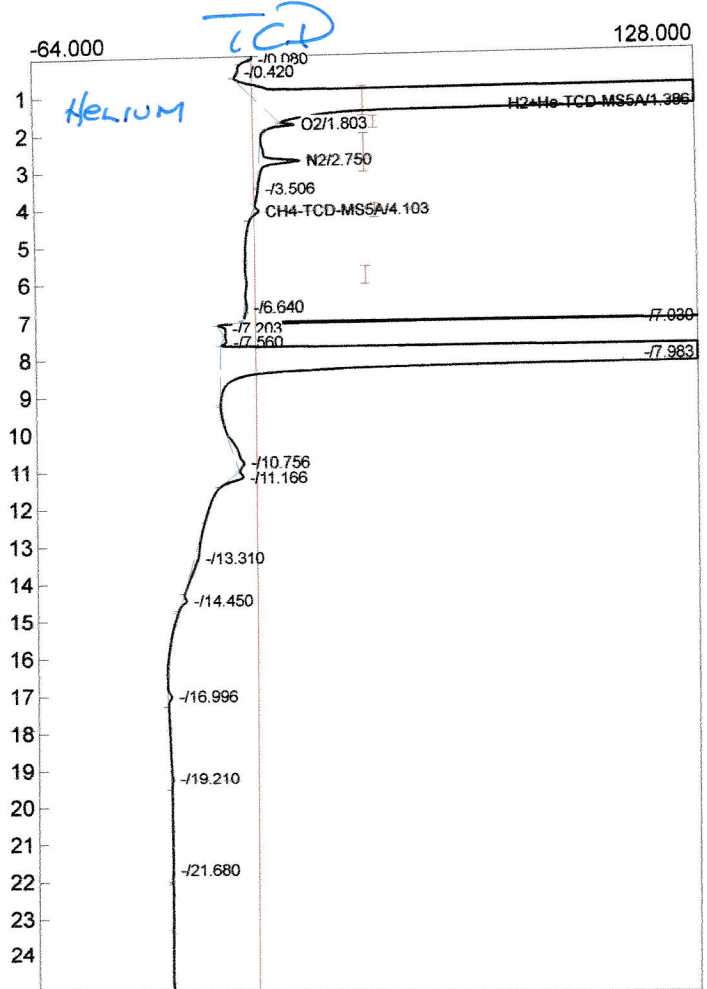
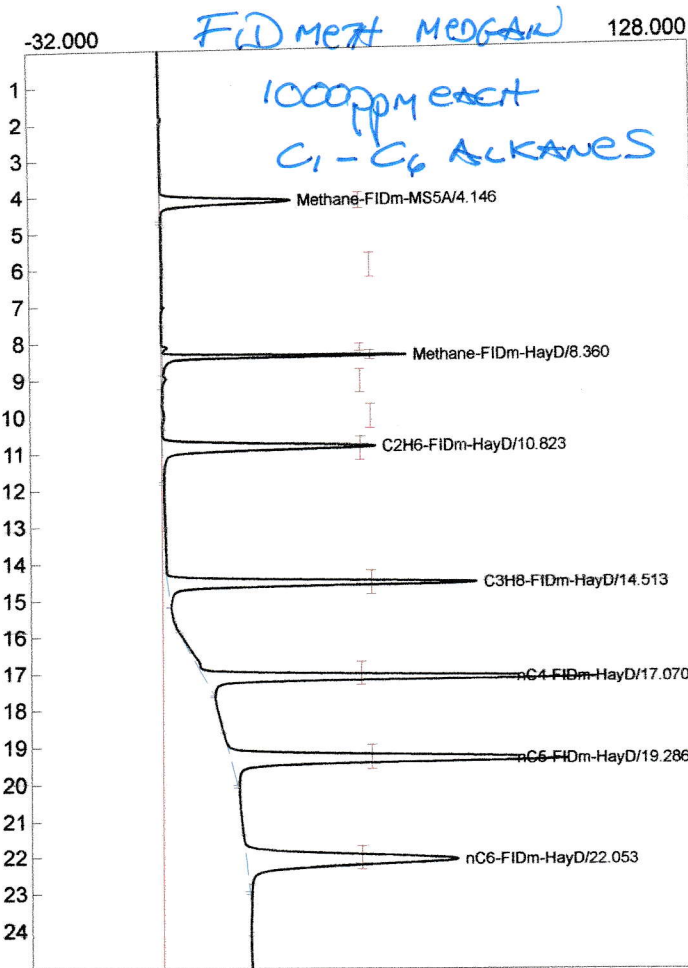
Time	Event
0.000	ZERO
0.000	SOUND
0.020	G ON (Valve1Rotate)
0.800	G OFF (Valve1Rotate)
7.000	F ON (TrapHeat)

Temperature program:

Init temp	Hold	Ramp	Final temp
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Events:

Time	Event
0.000	ZERO
3.500	INTEG BASED IMMEDIATE
6.000	INTEG BASED IMMEDIATE
7.000	INTEG BASED IMMEDIATE



Component	Retention	Area	Internal	Units
Methane-FIDm-MS5A	4.146	328.6692	922.3636	ppm
CO-FIDm-MS5A	0.000	0.0000	0.0000	ppm
CO-FIDm-HayD	0.000	0.0000	0.0000	%
Methane-FIDm-HayD	8.360	286.6704	815.1330	%
CO2-FIDm-HayD	0.000	0.0000	0.0000	ppm
C2H2+C2H4-FIDm-HayD	0.000	0.0000	0.0000	ppm
C2H6-FIDm-HayD	10.823	585.8911	889.8567	ppm
C3H8-FIDm-HayD	14.513	789.0080	1198.3525	ppm
nC4-FIDm-HayD	17.070	1018.6142	1547.0805	ppm
nC5-FIDm-HayD	19.286	1125.5132	1709.4397	ppm
nC6-FIDm-HayD	22.053	1034.4089	1571.0697	ppm

5168.7750 8653.2958

Component	Retention	Area	Internal	Units
H2+He-TCD-MS5A	1.386	43225.3052	60.3778	%
O2	1.803	21.5714	0.1471	%
N2	2.750	127.0157	1.6370	%
CH4-TCD-MS5A	4.103	17.2777	0.0898	%
CO-TCD	0.000	0.0000	0.0000	ppm

TCD

Helium

Lab name: SRI Instruments
 Client: SRI Final Test
 Client ID: N12575
 Analysis date: 02/25/2024 13:45:09
 Method: MG5
 Description: FIDmeth medgain
 Column: MG5 set
 Carrier: C1=15 C2=10psi Argon
 Integration: Peak sens=90.0 Base sens=60.0 Min area= 1.00 Standa
 Data file: CH1-53.CHR ()
 Sample: barbeque propane dilute 10X in air
 Comments: H2 makeup=25psi=30ml/min Air=BIAC

Lab name: SRI Instruments
 Client: SRI Final Test
 Client ID: N12575
 Analysis date: 02/25/2024 13:45:09
 Method: MG5
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 Integration: Peak sens=70.0 Base sens=60.0 Min area= 1.00 Standa
 Data file: CH2-53.chr ()
 Sample: barbeque propane dilute 10X in air
 Comments: H2 makeup=25psi=30ml/min Air=BIAC

Temperature program:

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50.00	2.000	20.000	90.00
90.00	6.000	30.000	270.00
270.00	14.000	0.000	270.00

Events:

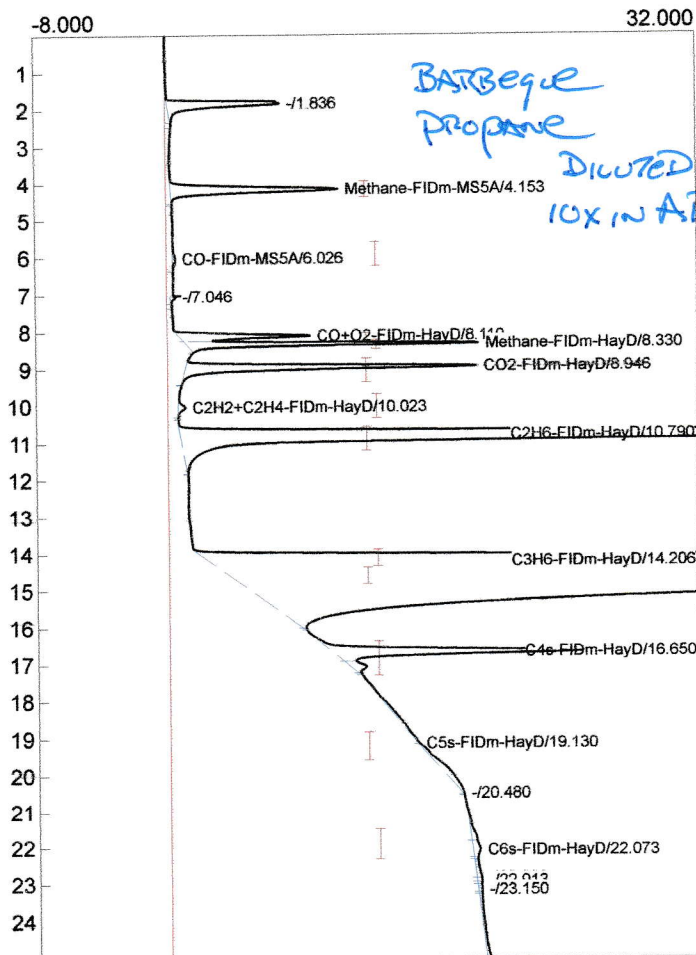
Time	Event
0.000	ZERO
0.000	SOUND
0.020	G ON (Valve1Rotate)
0.800	G OFF (Valve1Rotate)
7.000	F ON (TrapHeat)

Temperature program:

Init temp	Hold	Ramp	Final temp
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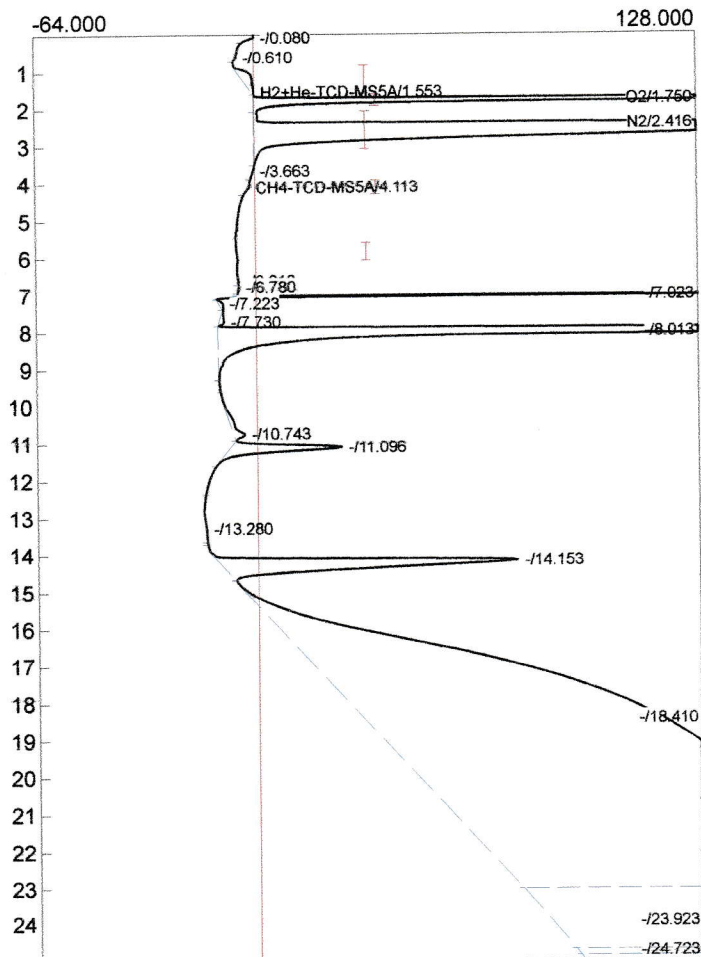
Events:

Time	Event
0.000	ZERO
3.500	INTEG BASED IMMEDIATE
6.000	INTEG BASED IMMEDIATE
7.000	INTEG BASED IMMEDIATE



Component	Retention	Area	Internal	Units
Methane-FIDm-MS5A	4.153	107.9163	302.8518	ppm
CO-FIDm-MS5A	6.026	1.7646	5.0414	ppm
CO+O2-FIDm-HayD	8.110	63.3190	213.3860	%
Methane-FIDm-HayD	8.330	104.1900	296.2591	%
CO2-FIDm-HayD	8.946	153.4212	475.3484	ppm
C2H2+C2H4-FIDm-HayD	10.023	3.9490	10.6047	ppm
C2H6-FIDm-HayD	10.790	1385.9332	2104.9680	ppm
C3H6-FIDm-HayD	14.206	81776.2316	124202.4853	ppm
C3H8-FIDm-HayD	0.000	0.0000	0.0000	ppm
C4s-FIDm-HayD	16.650	171.2710	260.1280	ppm
C5s-FIDm-HayD	19.130	4.8766	7.4066	ppm
C6s-FIDm-HayD	22.073	9.0252	13.7076	ppm

83781.8977 127892.1868



Component	Retention	Area	Internal	Units
H2+He-TCD-MS5A	1.553	80.7190	0.1127	%
O2	1.750	1604.3698	10.9440	%
N2	2.416	4809.6543	61.9894	%
CH4-TCD-MS5A	4.113	4.8096	0.0250	%
CO-TCD	0.000	0.0000	0.0000	ppm

6499.5527 73.0712