

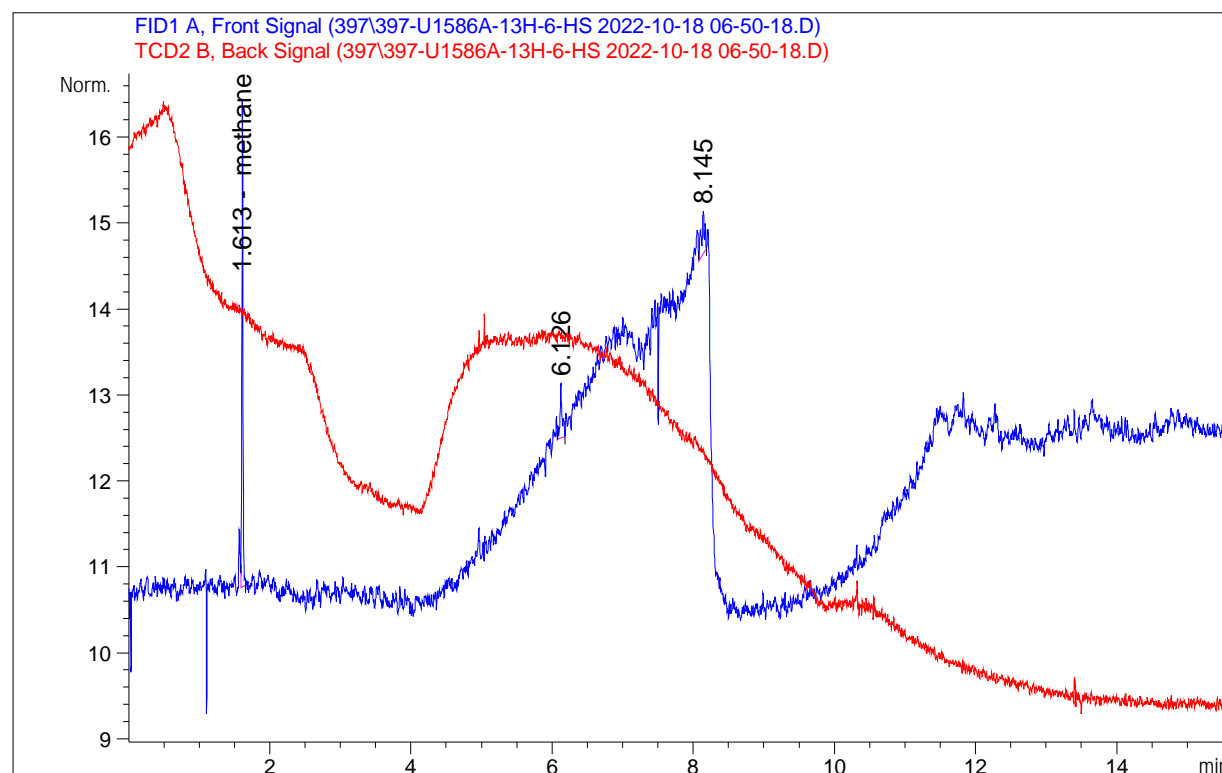
Sample Name: 397-U1586A-13H-6-HS

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Acq. Operator   : SYSTEM
Sample Operator : SYSTEM
Acq. Instrument : NGA-2                      Location :    1 (F)
Injection Date  : 10/18/2022 6:50:18 AM
                                           Inj Volume : Manual ly
Method          : C:\Chem32\2\Methods\397_NGA2.M
Last changed    : 10/18/2022 4:49:51 AM by SYSTEM
Method Info     : manual headspace injections

Sample Info     : CYL11747241

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External Standard Report
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Sorted By      :      Signal
Calib. Data Modified : 10/18/2022 4:44:44 AM
Multiplier     :      1.0000
Dilution       :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

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Signal 1: FID1 A, Front Signal

RetTime [min]	Type	Area [pA*s]	Amt/Area	Amount [ppm]	Grp	Name
1.613	VB	5.00180e-1	19.62786	9.81746		methane
1.982		-	-	-		ethane
2.709		-	-	-		ethene
3.967		-	-	-		propane
6.310		-	-	-		propene
6.662		-	-	-		i so-butane
6.894		-	-	-		n-butane

RetTime [min]	Type	Area [pA*s]	Amt/Area	Amount [ppm]	Grp	Name
8.467		-	-	-		i so-pentane
8.621		-	-	-		n-pentane
9.818		-	-	-		n-hexane
9.984		-	-	-		i so-hexane

Totals : 9.81746

Signal 2: TCD2 B, Back Signal

RetTime [min]	Type	Area [25 μ V*s]	Amt/Area	Amount [ppm]	Grp	Name
4.700		-	-	-		o
5.400		-	-	-		n
6.290		-	-	-		ch4
10.298		-	-	-		di oxi de

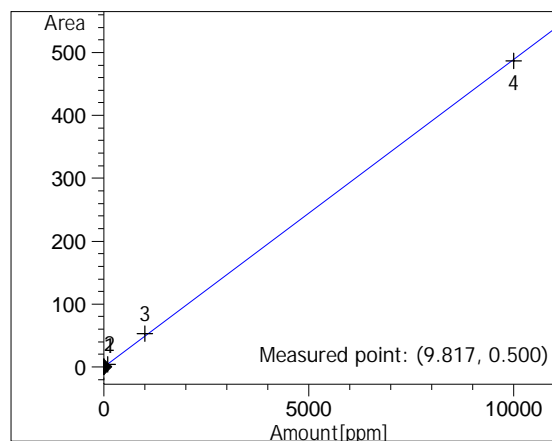
Totals : 0.00000

2 Warnings or Errors :

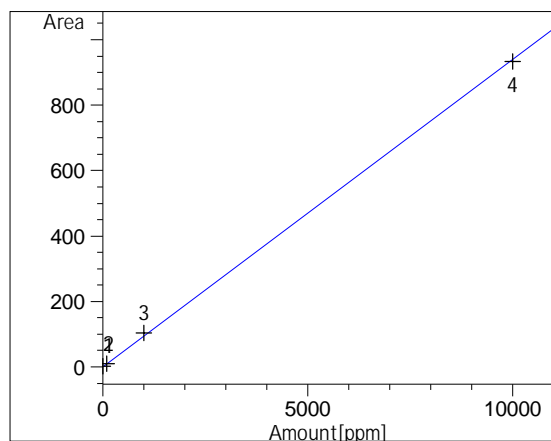
Warning : Calibration warnings (see calibration table listing)

Warning : Calibrated compound(s) not found

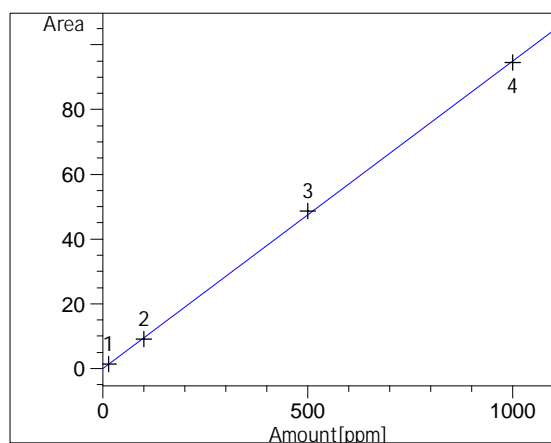
Calibration Curves



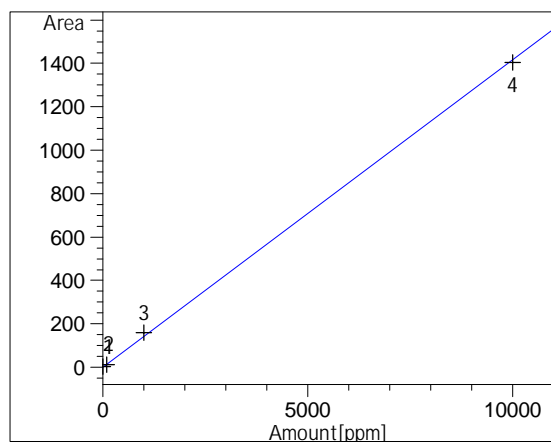
methane at exp. RT: 1.612
FID1 A, Front Signal
Correlation: 0.99970
Residual Std. Dev.: 2.89327
Formula: $y = mx + b$
m: 4.89620e-2
b: 1.94971e-2
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.165567
Level 3 : 0.01442
Level 4 : 0.001566



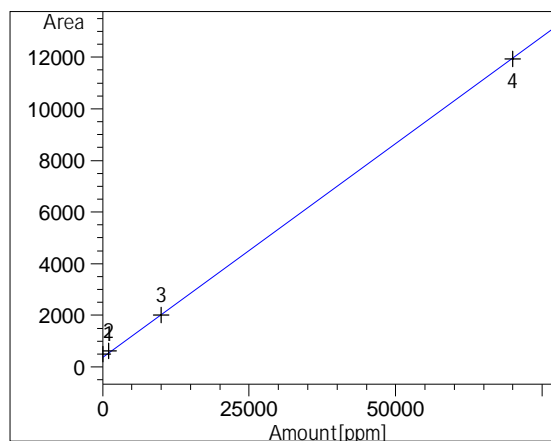
ethane at exp. RT: 1.982
FID1 A, Front Signal
Correlation: 0.99947
Residual Std. Dev.: 7.62699
Formula: $y = mx + b$
m: $9.41237e-2$
b: $2.87036e-2$
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.156496
Level 3 : 0.013445
Level 4 : 0.001503



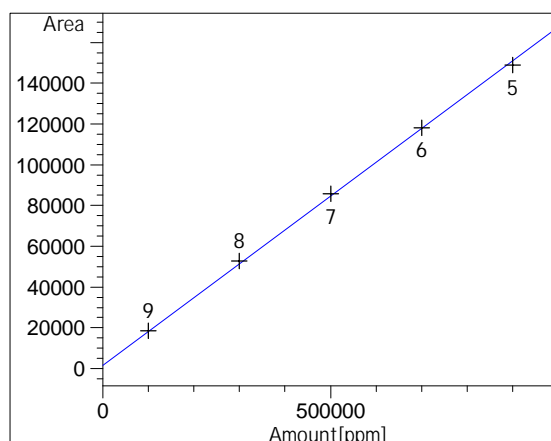
ethene at exp. RT: 2.709
FID1 A, Front Signal
Correlation: 0.99985
Residual Std. Dev.: 0.73956
Formula: $y = mx + b$
m: $9.51116e-2$
b: $-2.56909e-2$
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.156708
Level 3 : 0.029437
Level 4 : 0.01514



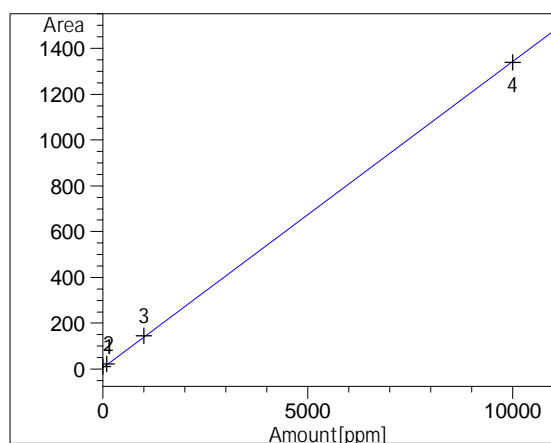
propane at exp. RT: 3.967
FID1 A, Front Signal
Correlation: 0.99941
Residual Std. Dev.: 12.12185
Formula: $y = mx + b$
m: $1.41899e-1$
b: $1.15920e-2$
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.156007
Level 3 : 0.01318
Level 4 : 0.001482



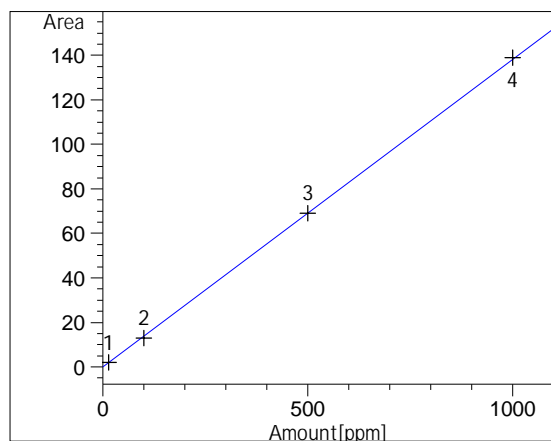
o at exp. RT: 4.700
TCD2 B, Back Signal
Correlation: 0.99252
Residual Std. Dev.: 227.12417
Formula: $y = mx + b$
m: $1.65727e-1$
b: 362.87125
x: Amount[ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.785764
Level 3 : 0.243133
Level 4 : 0.041209



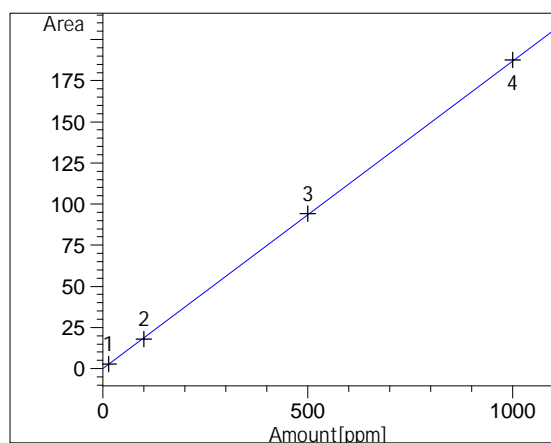
n at exp. RT: 5.400
TCD2 B, Back Signal
Correlation: 0.99966
Residual Std. Dev.: 1719.77366
Formula: $y = mx + b$
m: $1.66189e-1$
b: 1680.08885
x: Amount[ppm]
y: Area
Calibration Level Weights:
Level 9 : 1
Level 8 : 0.350215
Level 7 : 0.216282
Level 6 : 0.156884
Level 5 : 0.124579



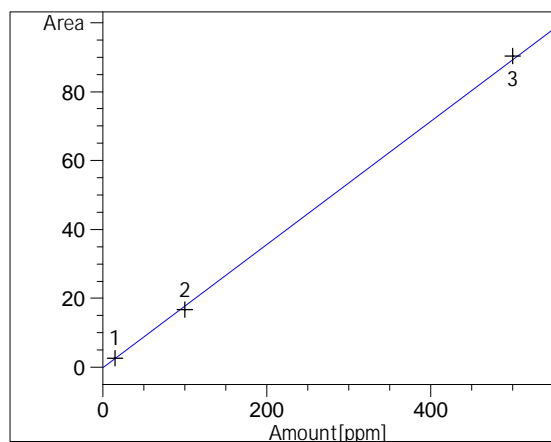
ch4 at exp. RT: 6.290
TCD2 B, Back Signal
Correlation: 0.99922
Residual Std. Dev.: 6.15305
Formula: $y = mx + b$
m: $1.33819e-1$
b: 6.65144
x: Amount[ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.461871
Level 3 : 0.069213
Level 4 : 0.007529



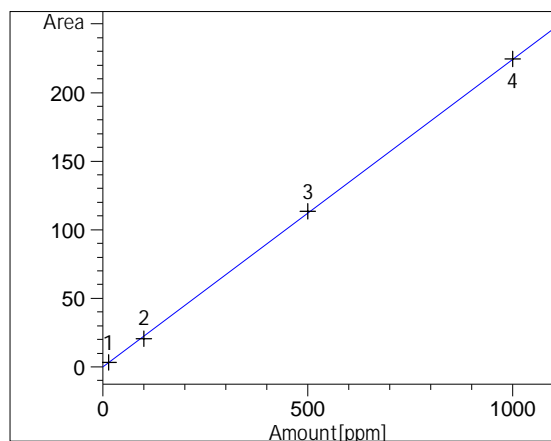
propene at exp. RT: 6.310
FID1 A, Front Signal
Correlation: 0.99989
Residual Std. Dev.: 0.54410
Formula: $y = mx + b$
m: $1.38469e-1$
b: $-1.34624e-1$
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.153421
Level 3 : 0.028884
Level 4 : 0.014376



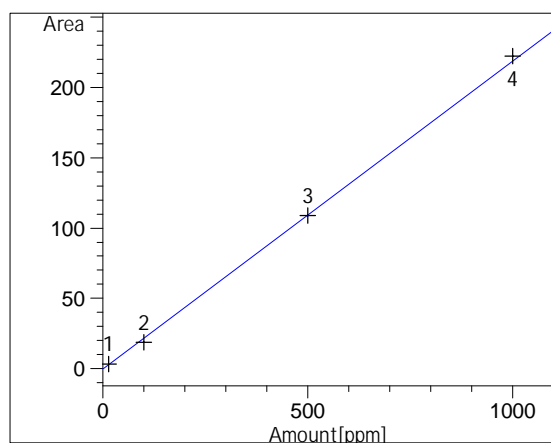
iso-butane at exp. RT: 6.662
FID1 A, Front Signal
Correlation: 0.99991
Residual Std. Dev.: 0.60435
Formula: $y = mx + b$
m: $1.87352e-1$
b: $-1.63363e-1$
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.152516
Level 3 : 0.028765
Level 4 : 0.014432



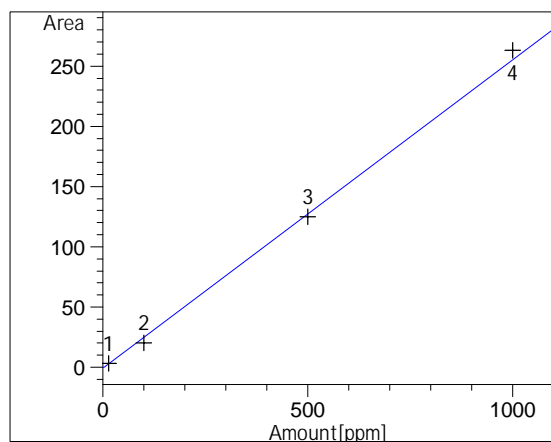
n-butane at exp. RT: 6.894
FID1 A, Front Signal
Correlation: 0.99959
Residual Std. Dev.: 1.02709
Formula: $y = mx + b$
m: $1.79052e-1$
b: $-1.62174e-1$
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.154605
Level 3 : 0.028617



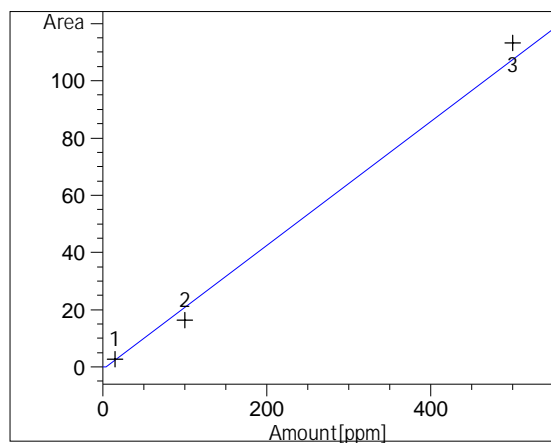
iso-pentane at exp. RT: 8.467
FID1 A, Front Signal
Correlation: 0.99980
Residual Std. Dev.: 1.17511
Formula: $y = mx + b$
m: $2.24711e-1$
b: $-2.55609e-1$
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.155274
Level 3 : 0.028403
Level 4 : 0.014357



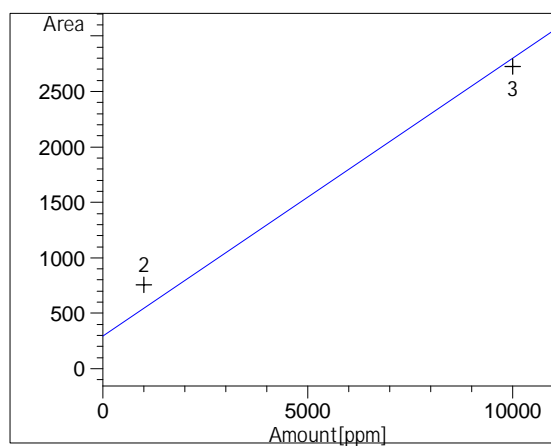
n-pentane at exp. RT: 8.621
FID1 A, Front Signal
Correlation: 0.99927
Residual Std. Dev.: 2.50677
Formula: $y = mx + b$
m: $2.19667e-1$
b: $-5.27407e-1$
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.159611
Level 3 : 0.027561
Level 4 : 0.013481



n-hexane at exp. RT: 9.818
FID1 A, Front Signal
Correlation: 0.99824
Residual Std. Dev.: 5.27454
Formula: $y = mx + b$
m: $2.56593e-1$
b: -1.00670
x: Amount [ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.157312
Level 3 : 0.025541
Level 4 : 0.01213



iso-hexane at exp. RT: 9.984
FID1 A, Front Signal
Correlation: 0.99319
Residual Std. Dev.: 5.15538
Formula: $y = mx + b$
m: $2.16830e-1$
b: $-8.66083e-1$
x: Amount[ppm]
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.158748
Level 3 : 0.023023



di oxide at exp. RT: 10.298
TCD2 B, Back Signal
Correlation: 0.96398
Residual Std. Dev.: 371.49728
Formula: $y = mx + b$
m: $2.50769e-1$
b: 296.56037
x: Amount[ppm]
y: Area
Calibration Level Weights:
Level 2 : 1
Level 3 : 0.277756

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*** End of Report ***