

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072823\
 Data File : FG012569.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2023 10:43
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 29 03:35:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.977	5853244	54.772 ug/ml
Target Compounds			
1) N-OCTANE	2.002	6660483	55.435 ug/ml
2) N-DECANE	4.514	7319885	60.053 ug/ml
3) N-DODECANE	6.685	7271733	59.358 ug/ml
4) N-TETRADECANE	8.514	7151662	60.182 ug/ml
5) N-HEXADECANE	10.123	7145140	56.984 ug/ml
6) N-OCTADECANE	11.567	7130702	55.510 ug/ml
7) N-EICOSANE	12.878	6905391	54.669 ug/ml
8) N-DOCOSANE	14.077	6681737	54.381 ug/ml
10) N-TETRACOSANE	15.182	6746086	50.991 ug/ml
11) N-HEXACOSANE	16.204	6440221	55.033 ug/ml
12) N-OCTACOSANE	17.155	6327160	55.416 ug/ml
13) N-TRIACONTANE	18.043	6133983	55.314 ug/ml
14) N-DOTRIACONTANE	18.876	5745070	54.968 ug/ml
15) N-TETRATRIACONTANE	19.661	5372907	54.568 ug/ml
16) N-HEXATRIACONTANE	20.401	4973996	53.777 ug/ml
17) N-OCTATRIACONTANE	21.136	4621596	51.828 ug/ml
18) N-TETRACONTANE	22.044	4340341	48.891 ug/ml

(f)=RT Delta > 1/2 Window

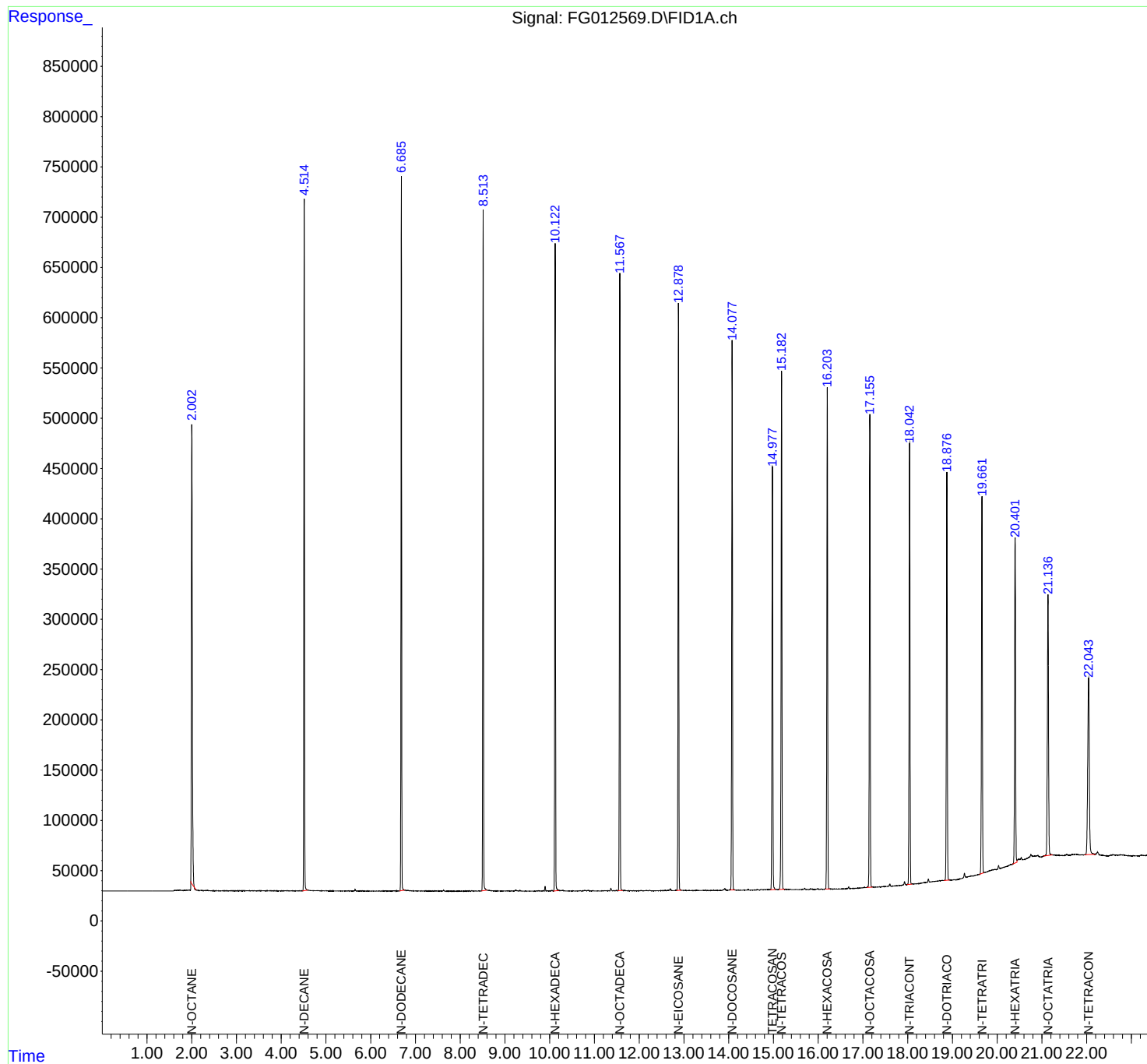
(m)=manual int.

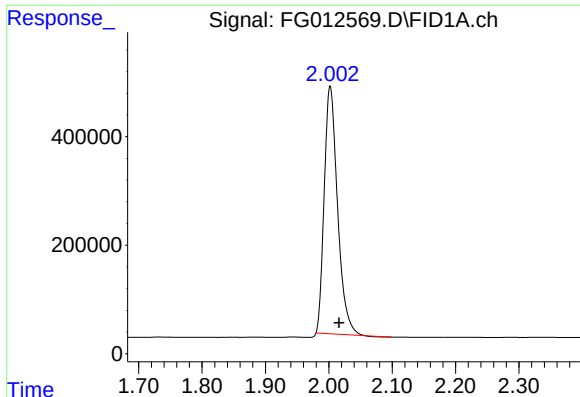
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

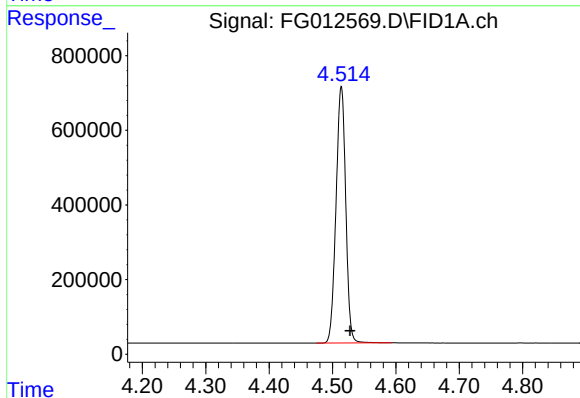




#1 N-OCTANE

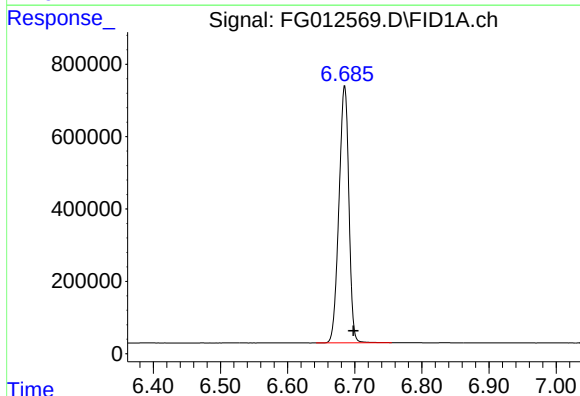
R.T.: 2.002 min
Delta R.T.: -0.014 min
Response: 6660483
Conc: 55.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



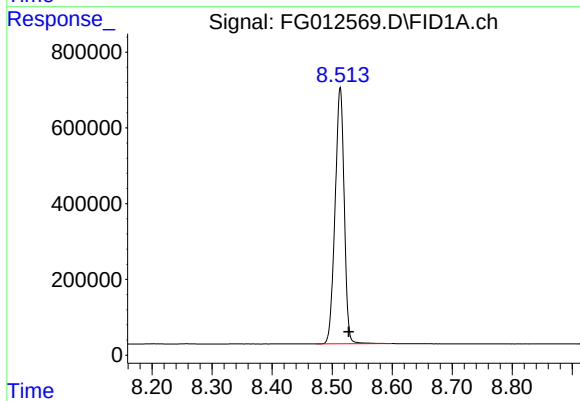
#2 N-DECANE

R.T.: 4.514 min
Delta R.T.: -0.014 min
Response: 7319885
Conc: 60.05 ug/ml



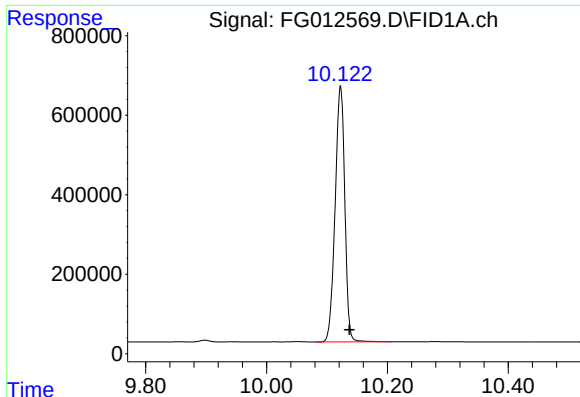
#3 N-DODECANE

R.T.: 6.685 min
Delta R.T.: -0.013 min
Response: 7271733
Conc: 59.36 ug/ml



#4 N-TETRADECANE

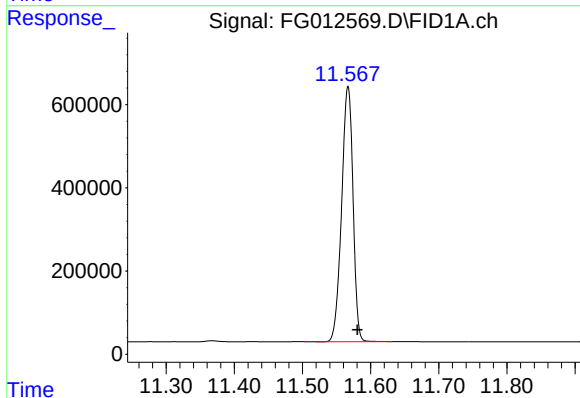
R.T.: 8.514 min
Delta R.T.: -0.014 min
Response: 7151662
Conc: 60.18 ug/ml



#5 N-HEXADECANE

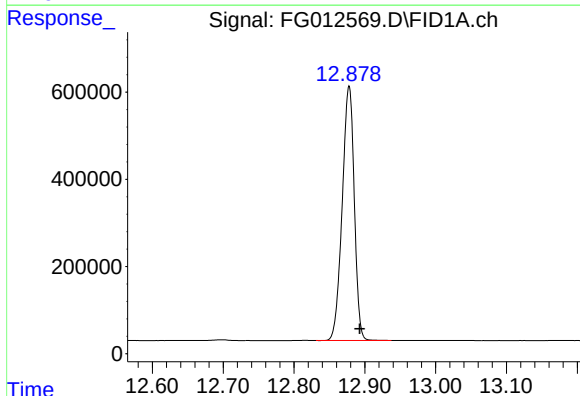
R.T.: 10.123 min
Delta R.T.: -0.014 min
Response: 7145140
Conc: 56.98 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



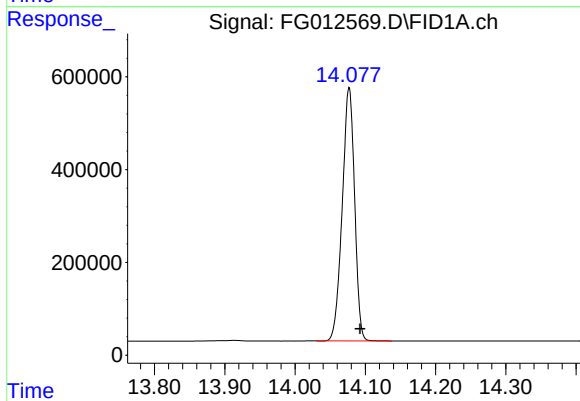
#6 N-OCTADECANE

R.T.: 11.567 min
Delta R.T.: -0.014 min
Response: 7130702
Conc: 55.51 ug/ml



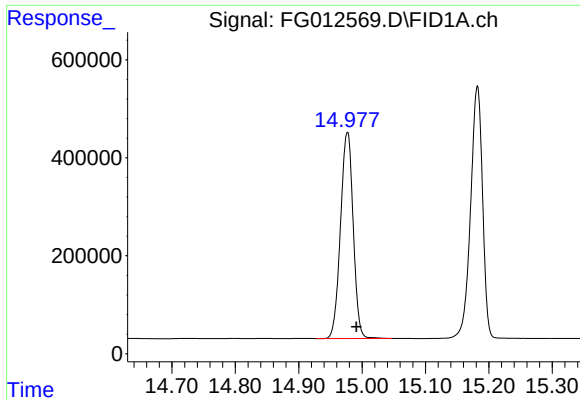
#7 N-EICOSANE

R.T.: 12.878 min
Delta R.T.: -0.015 min
Response: 6905391
Conc: 54.67 ug/ml



#8 N-DOCOSANE

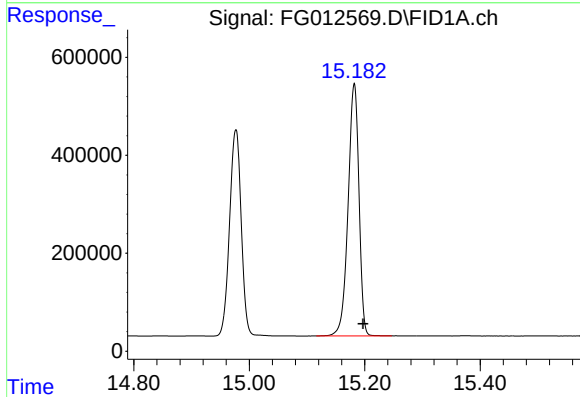
R.T.: 14.077 min
Delta R.T.: -0.016 min
Response: 6681737
Conc: 54.38 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

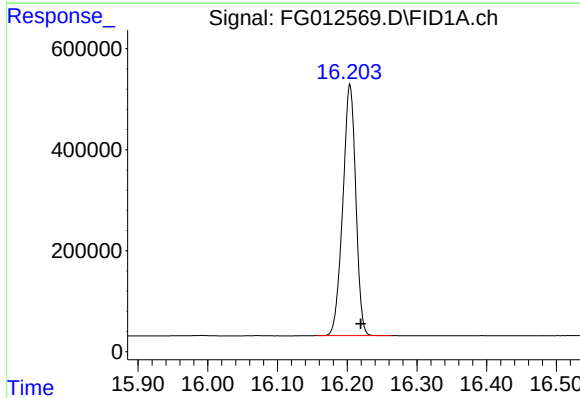
R.T.: 14.977 min
Delta R.T.: -0.014 min
Response: 5853244
Conc: 54.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



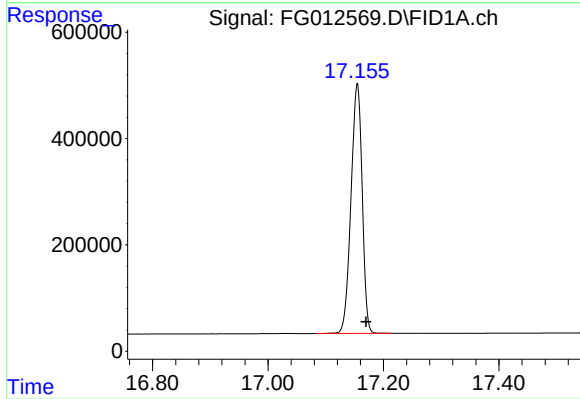
#10 N-TETRACOSANE

R.T.: 15.182 min
Delta R.T.: -0.015 min
Response: 6746086
Conc: 50.99 ug/ml



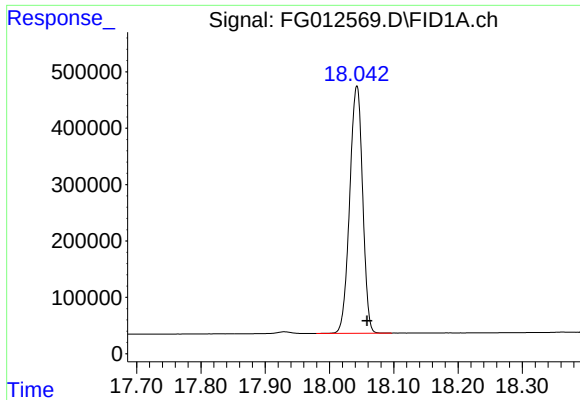
#11 N-HEXACOSANE

R.T.: 16.204 min
Delta R.T.: -0.015 min
Response: 6440221
Conc: 55.03 ug/ml



#12 N-OCTACOSANE

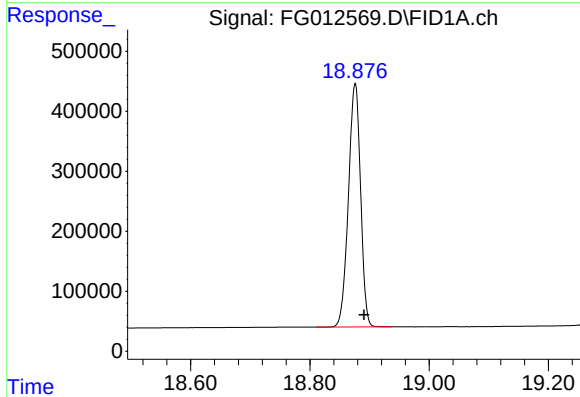
R.T.: 17.155 min
Delta R.T.: -0.015 min
Response: 6327160
Conc: 55.42 ug/ml



#13 N-TRIACONTANE

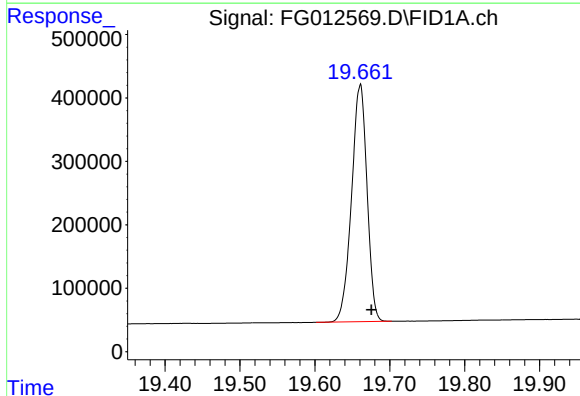
R.T.: 18.043 min
Delta R.T.: -0.016 min
Response: 6133983
Conc: 55.31 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



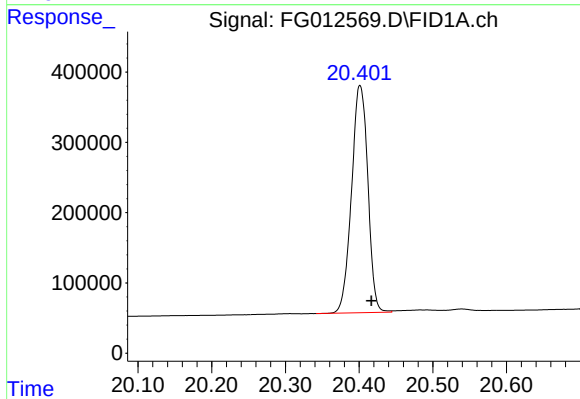
#14 N-DOTRIACONTANE

R.T.: 18.876 min
Delta R.T.: -0.015 min
Response: 5745070
Conc: 54.97 ug/ml



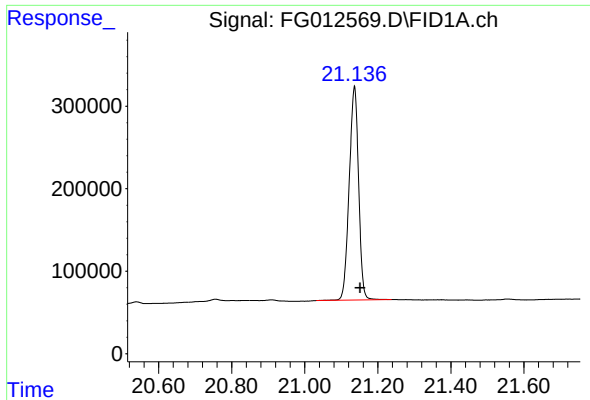
#15 N-TETRATRIACONTANE

R.T.: 19.661 min
Delta R.T.: -0.015 min
Response: 5372907
Conc: 54.57 ug/ml



#16 N-HEXATRIACONTANE

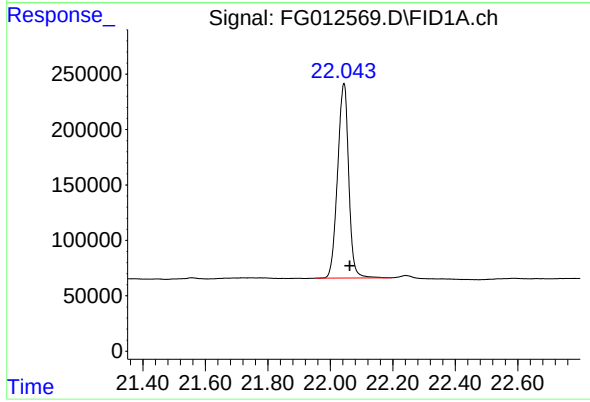
R.T.: 20.401 min
Delta R.T.: -0.016 min
Response: 4973996
Conc: 53.78 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.136 min
Delta R.T.: -0.016 min
Response: 4621596
Conc: 51.83 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.044 min
Delta R.T.: -0.019 min
Response: 4340341
Conc: 48.89 ug/ml