

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423\
 Data File : FG012380.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 13:42
 Operator : YP\AJ
 Sample : PB154195BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB154195BS

Integration File: autoint1.e
 Quant Time: Jul 15 02:51:04 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...	14.980	1496364	14.002 ug/ml
Target Compounds			
1) N-OCTANE	2.016	1424998	11.860 ug/ml
2) N-DECANE	4.521	1925954	15.801 ug/ml
3) N-DODECANE	6.689	2007728	16.389 ug/ml
4) N-TETRADECANE	8.517	2030946	17.091 ug/ml
5) N-HEXADECANE	10.126	2129966	16.987 ug/ml
6) N-OCTADECANE	11.571	2169357	16.888 ug/ml
7) N-EICOSANE	12.881	2115934	16.751 ug/ml
8) N-DOCOSANE	14.081	2066239	16.817 ug/ml
10) N-TETRACOSANE	15.185	2164853	16.363 ug/ml
11) N-HEXACOSANE	16.208	1966296	16.803 ug/ml
12) N-OCTACOSANE	17.158	1923730	16.849 ug/ml
13) N-TRIACONTANE	18.047	1964681	17.717 ug/ml
14) N-DOTRIACONTANE	18.881	2219822	21.239 ug/ml
15) N-TETRATRIACONTANE	19.666	2762258	28.054 ug/ml
16) N-HEXATRIACONTANE	20.408	3303426	35.715 ug/ml
17) N-OCTATRIACONTANE	21.143	3500259	39.253 ug/ml
18) N-TETRACONTANE	22.050	3498782	39.411 ug/ml

(f)=RT Delta > 1/2 Window

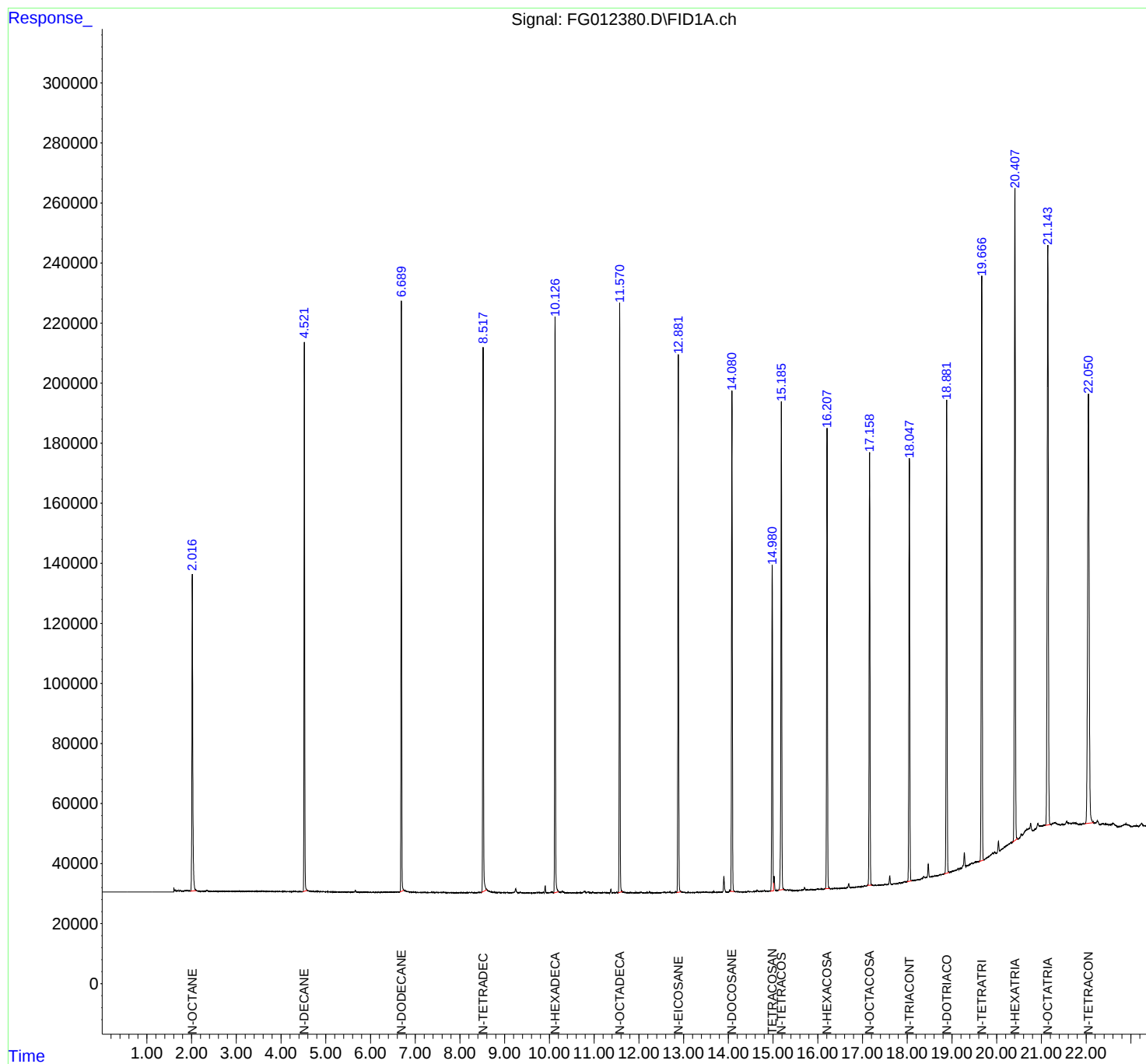
(m)=manual int.

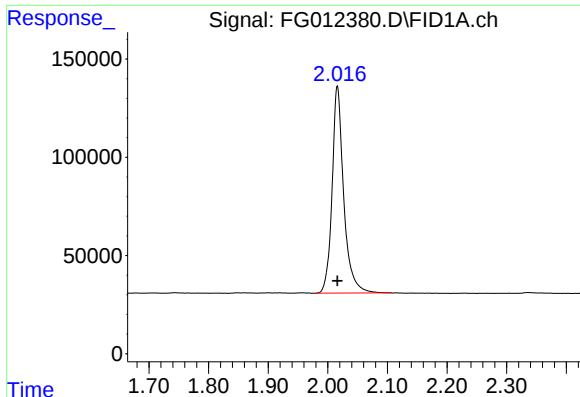
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

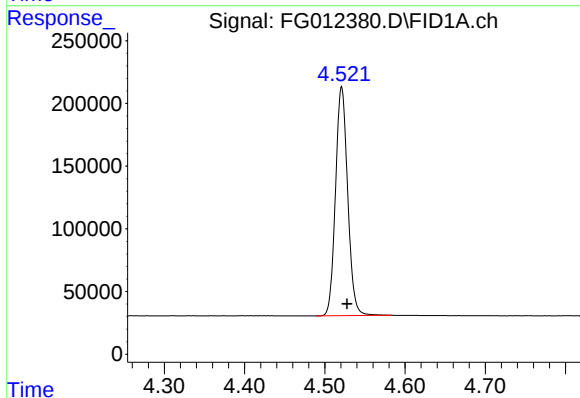




#1 N-OCTANE

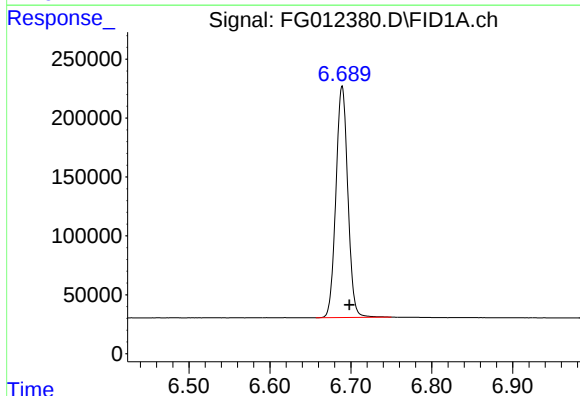
R.T.: 2.016 min
Delta R.T.: 0.000 min
Response: 1424998
Conc: 11.86 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154195BS



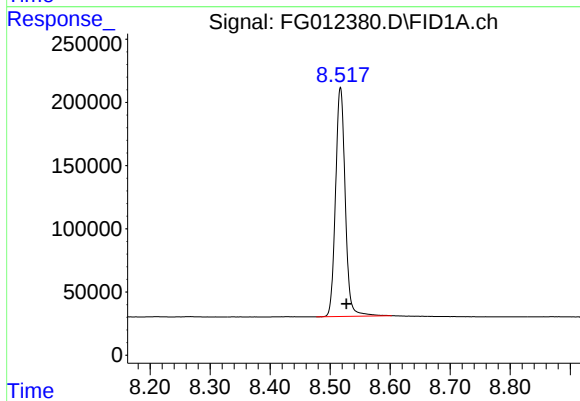
#2 N-DECANE

R.T.: 4.521 min
Delta R.T.: -0.007 min
Response: 1925954
Conc: 15.80 ug/ml



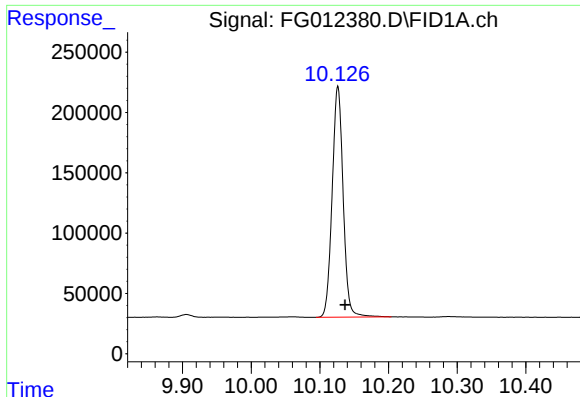
#3 N-DODECANE

R.T.: 6.689 min
Delta R.T.: -0.009 min
Response: 2007728
Conc: 16.39 ug/ml



#4 N-TETRADECANE

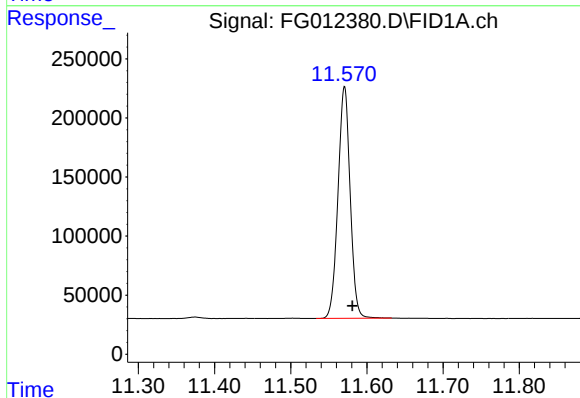
R.T.: 8.517 min
Delta R.T.: -0.010 min
Response: 2030946
Conc: 17.09 ug/ml



#5 N-HEXADECANE

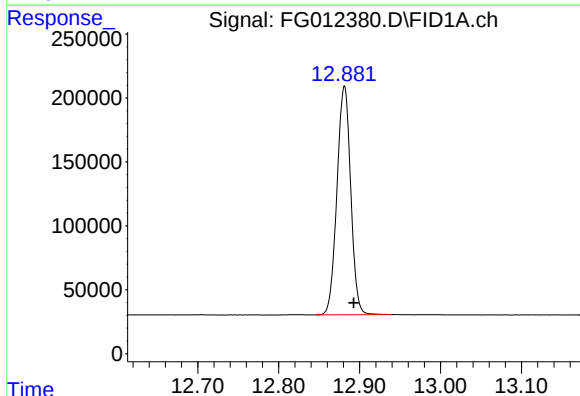
R.T.: 10.126 min
Delta R.T.: -0.010 min
Response: 2129966
Conc: 16.99 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154195BS



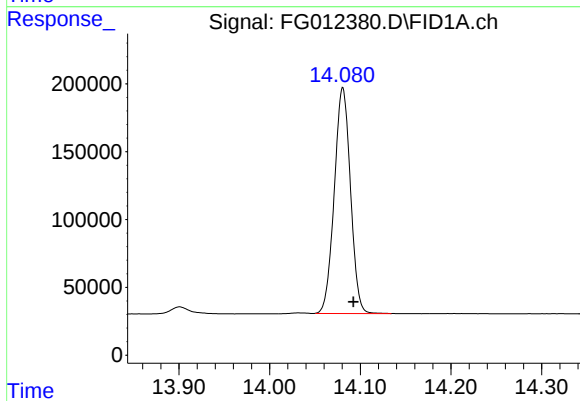
#6 N-OCTADECANE

R.T.: 11.571 min
Delta R.T.: -0.010 min
Response: 2169357
Conc: 16.89 ug/ml



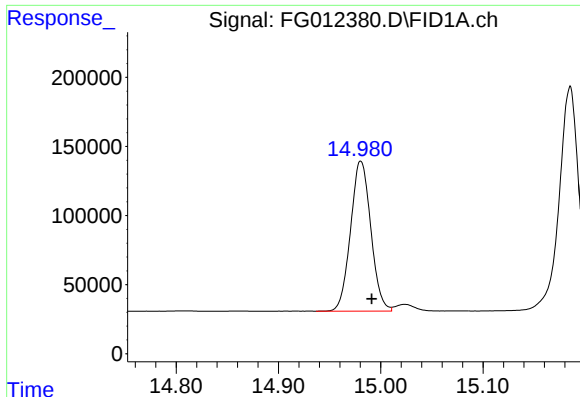
#7 N-EICOSANE

R.T.: 12.881 min
Delta R.T.: -0.011 min
Response: 2115934
Conc: 16.75 ug/ml



#8 N-DOCOSANE

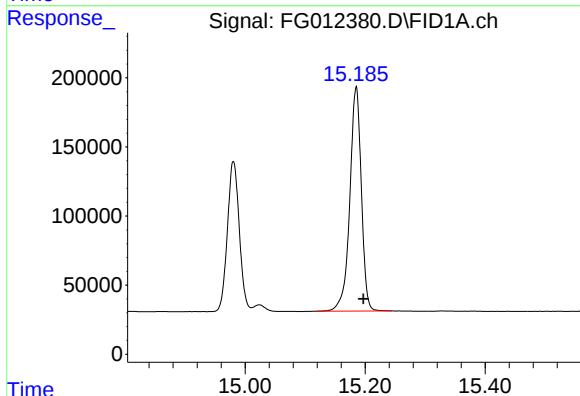
R.T.: 14.081 min
Delta R.T.: -0.012 min
Response: 2066239
Conc: 16.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

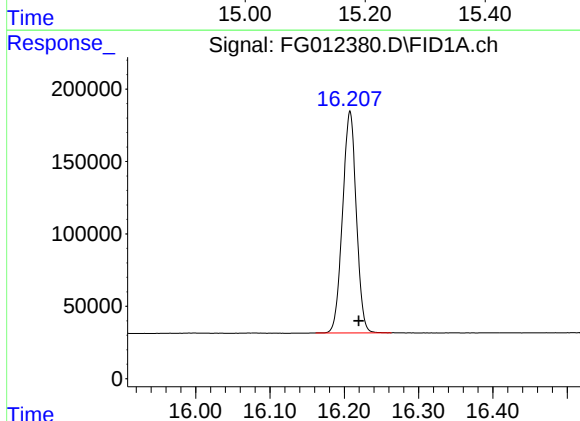
R.T.: 14.980 min
Delta R.T.: -0.011 min
Response: 1496364
Conc: 14.00 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154195BS



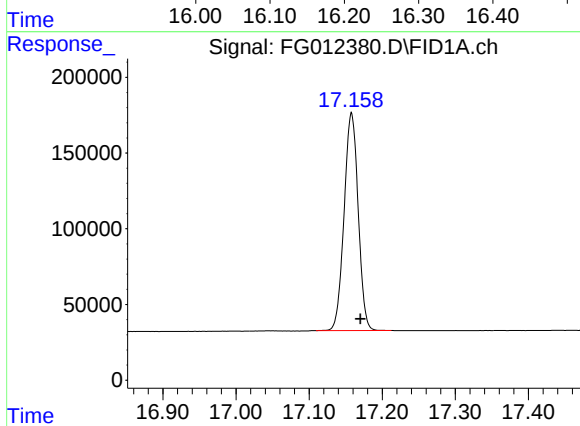
#10 N-TETRACOSANE

R.T.: 15.185 min
Delta R.T.: -0.012 min
Response: 2164853
Conc: 16.36 ug/ml



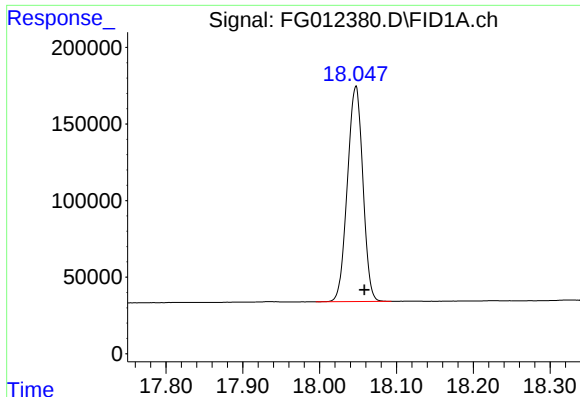
#11 N-HEXACOSANE

R.T.: 16.208 min
Delta R.T.: -0.012 min
Response: 1966296
Conc: 16.80 ug/ml



#12 N-OCTACOSANE

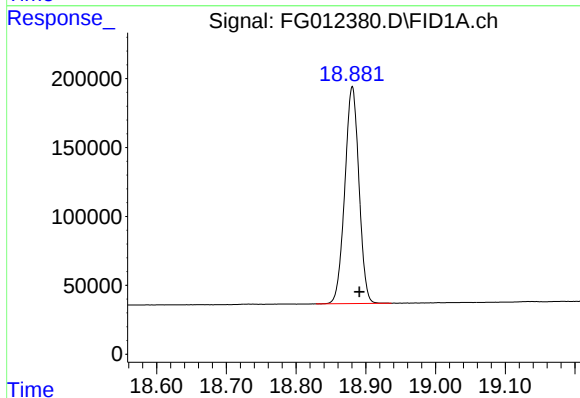
R.T.: 17.158 min
Delta R.T.: -0.012 min
Response: 1923730
Conc: 16.85 ug/ml



#13 N-TRIACONTANE

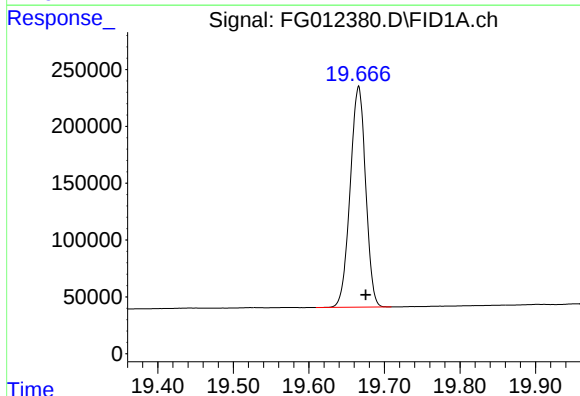
R.T.: 18.047 min
Delta R.T.: -0.011 min
Response: 1964681
Conc: 17.72 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154195BS



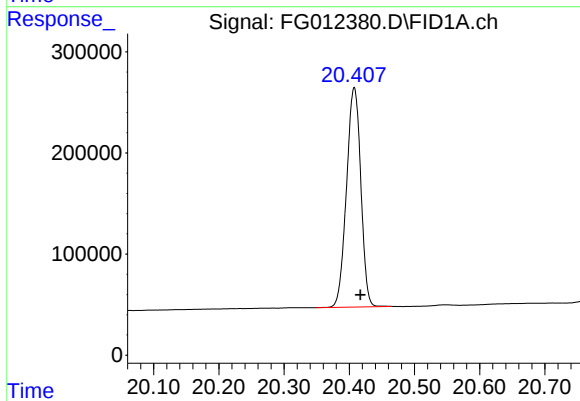
#14 N-DOTRIACONTANE

R.T.: 18.881 min
Delta R.T.: -0.010 min
Response: 2219822
Conc: 21.24 ug/ml



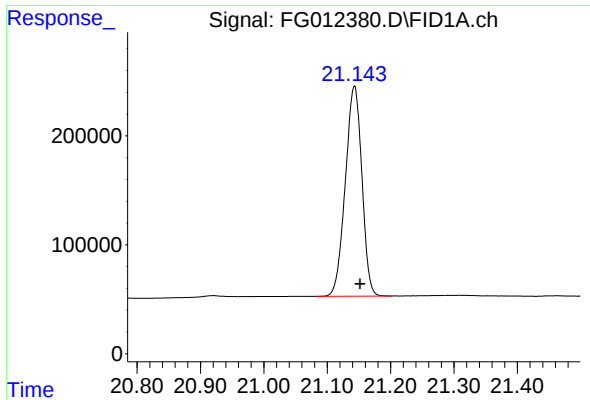
#15 N-TETRATRIACONTANE

R.T.: 19.666 min
Delta R.T.: -0.009 min
Response: 2762258
Conc: 28.05 ug/ml



#16 N-HEXATRIACONTANE

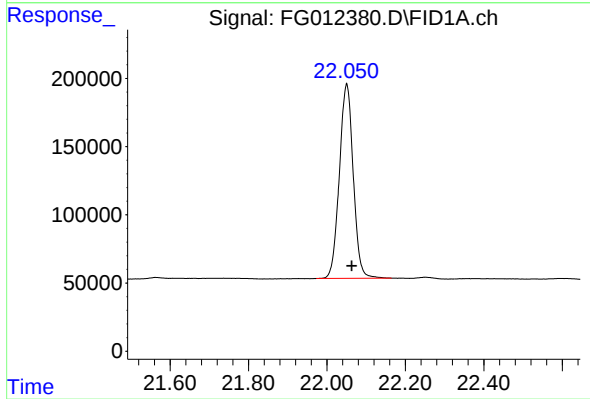
R.T.: 20.408 min
Delta R.T.: -0.009 min
Response: 3303426
Conc: 35.72 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.143 min
Delta R.T.: -0.009 min
Response: 3500259
Conc: 39.25 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154195BS



#18 N-TETRACONTANE

R.T.: 22.050 min
Delta R.T.: -0.013 min
Response: 3498782
Conc: 39.41 ug/ml