

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071223\
 Data File : FG012368.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2023 13:28
 Operator : YP\AJ
 Sample : PB154130BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB154130BS

Integration File: autoint1.e
 Quant Time: Jul 13 01:17:13 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...	14.981	1678260	15.704 ug/ml
Target Compounds			
1) N-OCTANE	2.016	1616134	13.451 ug/ml
2) N-DECANE	4.522	2155105	17.681 ug/ml
3) N-DODECANE	6.691	2247541	18.346 ug/ml
4) N-TETRADECANE	8.519	2276963	19.161 ug/ml
5) N-HEXADECANE	10.127	2377174	18.958 ug/ml
6) N-OCTADECANE	11.571	2421353	18.849 ug/ml
7) N-EICOSANE	12.882	2368151	18.748 ug/ml
8) N-DOCOSANE	14.081	2315356	18.844 ug/ml
10) N-TETRACOSANE	15.185	2412009	18.232 ug/ml
11) N-HEXACOSANE	16.208	2207833	18.867 ug/ml
12) N-OCTACOSANE	17.159	2165088	18.963 ug/ml
13) N-TRIACONTANE	18.047	2197268	19.814 ug/ml
14) N-DOTRIACONTANE	18.881	2457187	23.510 ug/ml
15) N-TETRATRIACONTANE	19.665	3038391	30.858 ug/ml
16) N-HEXATRIACONTANE	20.406	3617874	39.115 ug/ml
17) N-OCTATRIACONTANE	21.143	3786673	42.465 ug/ml
18) N-TETRACONTANE	22.051	3710091	41.792 ug/ml

(f)=RT Delta > 1/2 Window

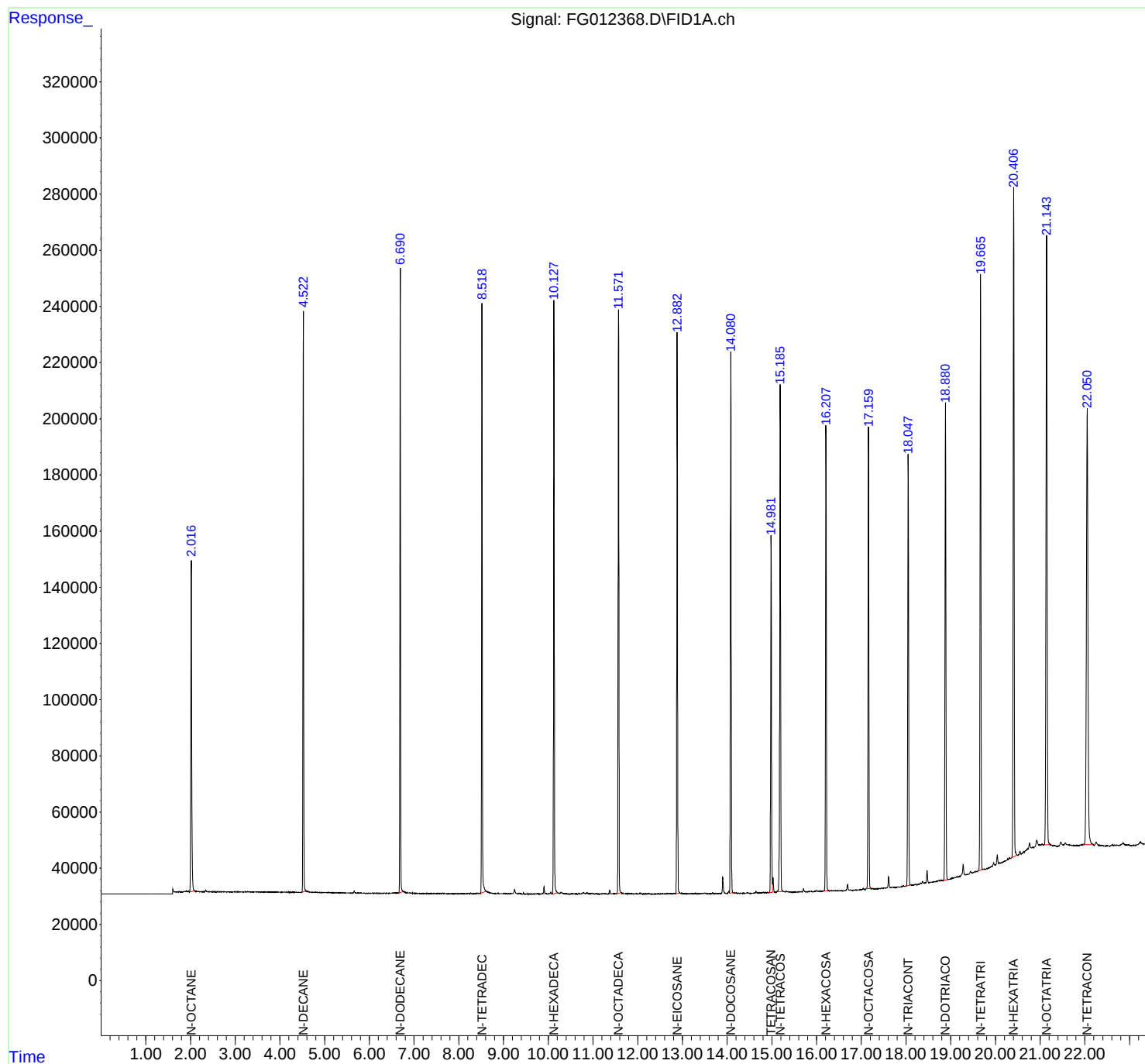
(m)=manual int.

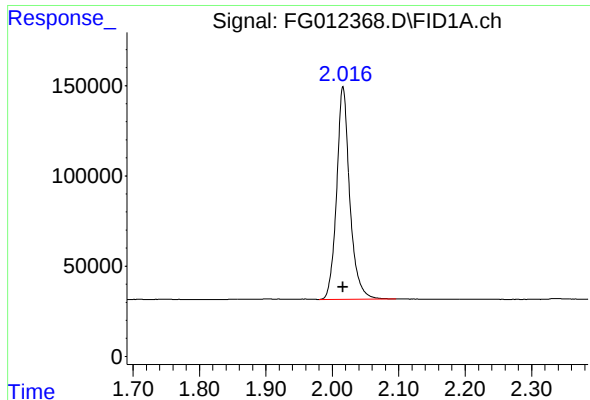
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

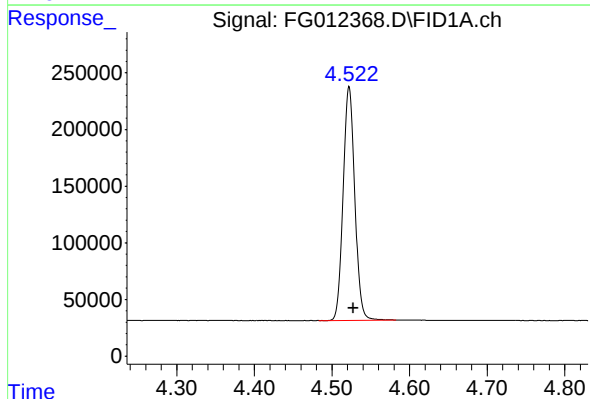




#1 N-OCTANE

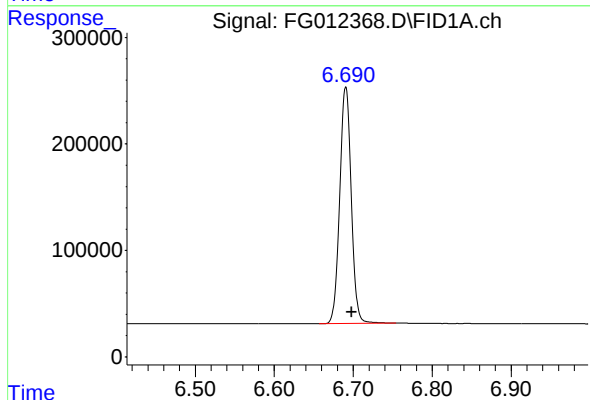
R.T.: 2.016 min
Delta R.T.: 0.000 min
Response: 1616134
Conc: 13.45 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154130BS



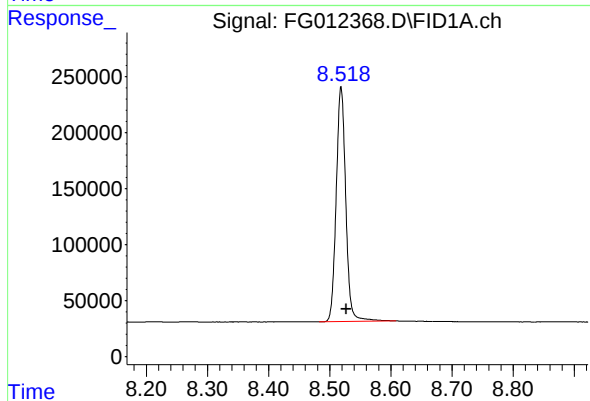
#2 N-DECANE

R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 2155105
Conc: 17.68 ug/ml



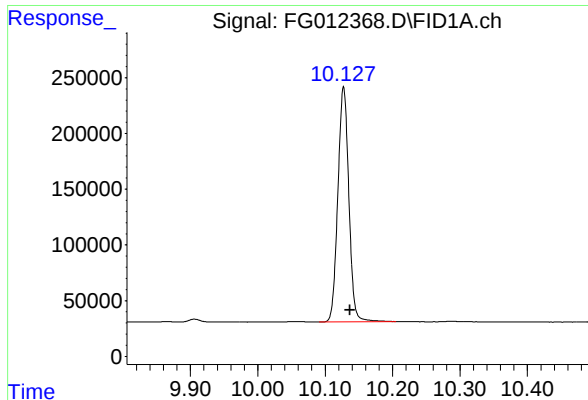
#3 N-DODECANE

R.T.: 6.691 min
Delta R.T.: -0.008 min
Response: 2247541
Conc: 18.35 ug/ml



#4 N-TETRADECANE

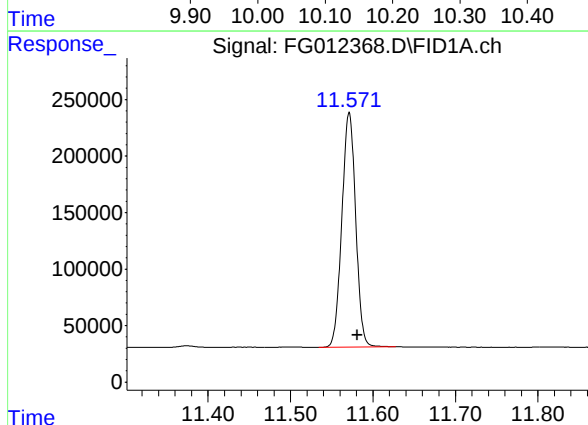
R.T.: 8.519 min
Delta R.T.: -0.009 min
Response: 2276963
Conc: 19.16 ug/ml



#5 N-HEXADECANE

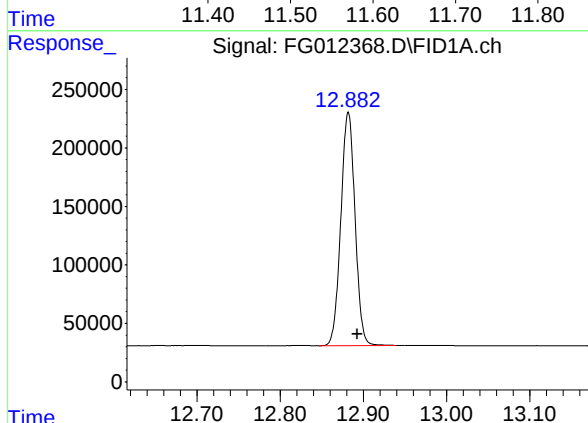
R.T.: 10.127 min
Delta R.T.: -0.009 min
Response: 2377174
Conc: 18.96 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154130BS



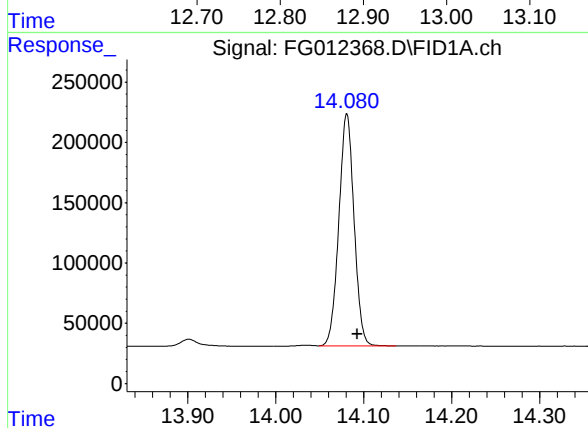
#6 N-OCTADECANE

R.T.: 11.571 min
Delta R.T.: -0.010 min
Response: 2421353
Conc: 18.85 ug/ml



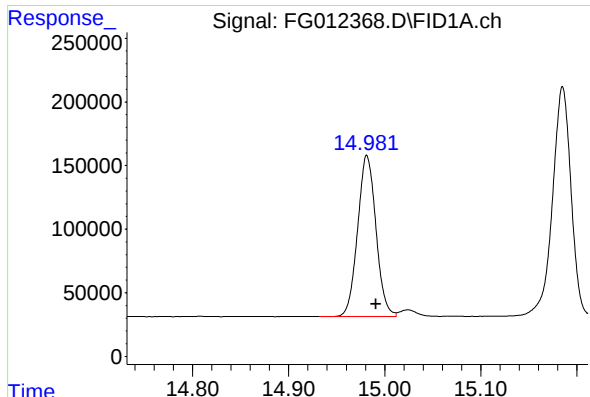
#7 N-EICOSANE

R.T.: 12.882 min
Delta R.T.: -0.011 min
Response: 2368151
Conc: 18.75 ug/ml



#8 N-DOCOSANE

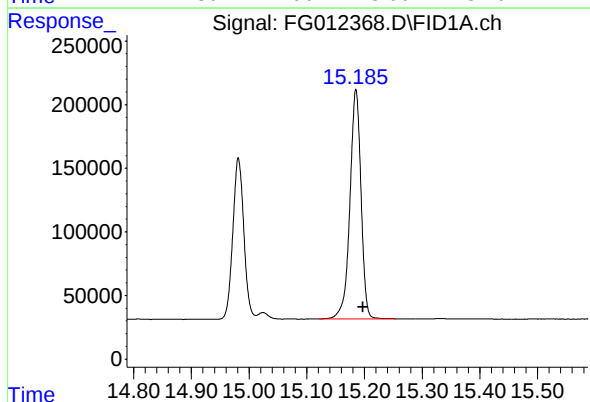
R.T.: 14.081 min
Delta R.T.: -0.012 min
Response: 2315356
Conc: 18.84 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

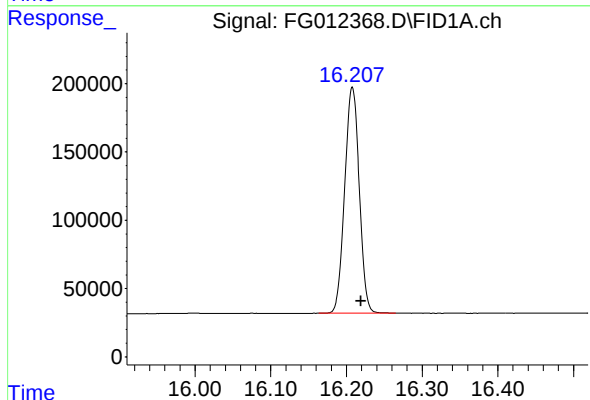
R.T.: 14.981 min
Delta R.T.: -0.010 min
Response: 1678260
Conc: 15.70 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154130BS



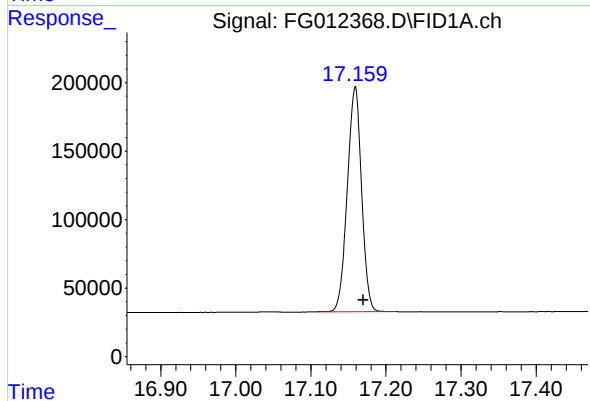
#10 N-TETRACOSANE

R.T.: 15.185 min
Delta R.T.: -0.012 min
Response: 2412009
Conc: 18.23 ug/ml



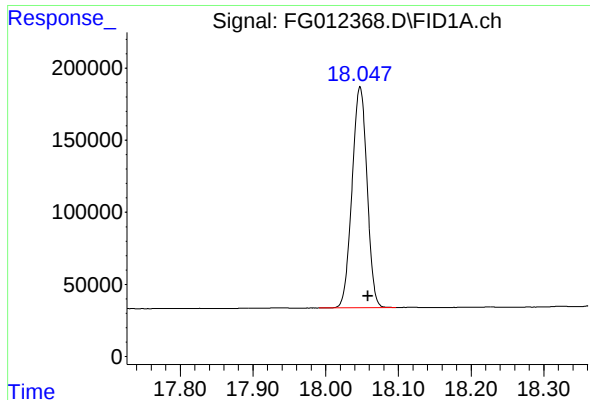
#11 N-HEXACOSANE

R.T.: 16.208 min
Delta R.T.: -0.012 min
Response: 2207833
Conc: 18.87 ug/ml



#12 N-OCTACOSANE

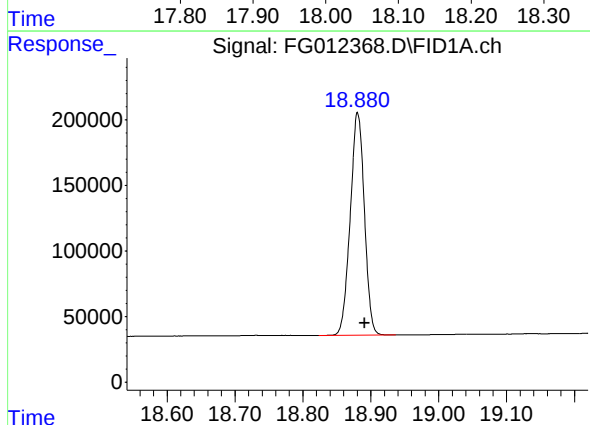
R.T.: 17.159 min
Delta R.T.: -0.011 min
Response: 2165088
Conc: 18.96 ug/ml



#13 N-TRIACONTANE

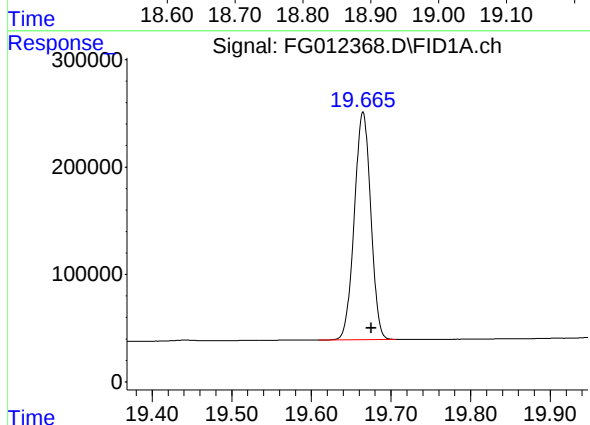
R.T.: 18.047 min
Delta R.T.: -0.011 min
Response: 2197268
Conc: 19.81 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154130BS



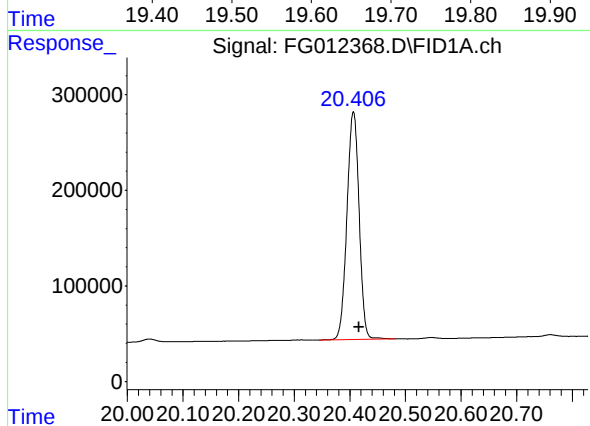
#14 N-DOTRIACONTANE

R.T.: 18.881 min
Delta R.T.: -0.010 min
Response: 2457187
Conc: 23.51 ug/ml



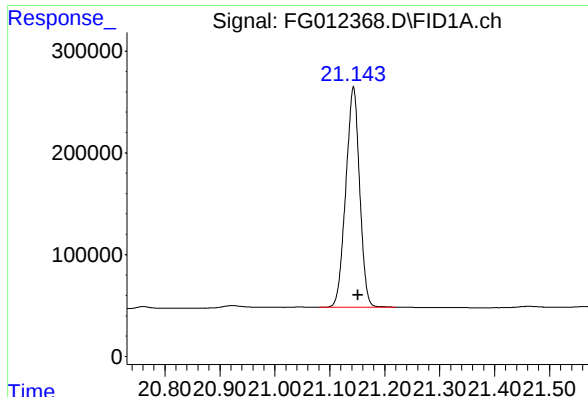
#15 N-TETRATRIACONTANE

R.T.: 19.665 min
Delta R.T.: -0.010 min
Response: 3038391
Conc: 30.86 ug/ml



#16 N-HEXATRIACONTANE

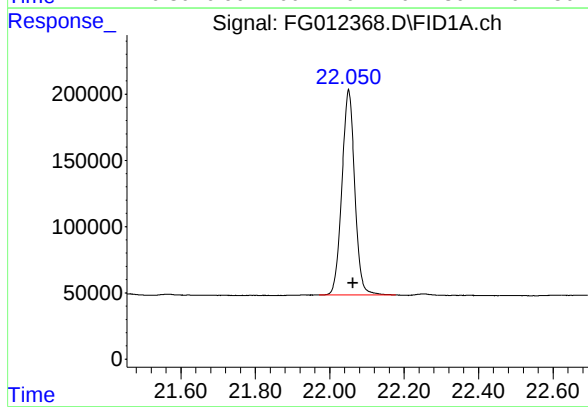
R.T.: 20.406 min
Delta R.T.: -0.010 min
Response: 3617874
Conc: 39.11 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.143 min
Delta R.T.: -0.009 min
Response: 3786673
Conc: 42.47 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154130BS



#18 N-TETRACONTANE

R.T.: 22.051 min
Delta R.T.: -0.012 min
Response: 3710091
Conc: 41.79 ug/ml