Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022423\
Data File : FG011469.D
Signal(s) : FID1A.ch
Acq On : 24 Feb 2023 14:12
Operator : YP\AJ
Sample : PB151059BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 25 03:36:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG022123.M
Quant Title :
QLast Update : Tue Feb 21 16:44:49 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...	15.062	2297505	21.843 ug/ml
	Target Compounds			
1)	N-OCTANE	2.074	2331499	19.625 ug/ml
2)	N-DECANE	4.590	2853597	23.424 ug/ml
3)	N-DODECANE	6.758	2956470	23.910 ug/ml
4)	N-TETRADECANE	8.588	3000909	24.287 ug/ml
5)	N-HEXADECANE	10.200	3087733	24.473 ug/ml
6)	N-OCTADECANE	11.646	3109011	24.627 ug/ml
7)	N-EICOSANE	12.960	3097291	24.745 ug/ml
8)	N-DOCOSANE	14.160	2978365	24.824 ug/ml
10)	N-TETRACOSANE	15.267	2938638	24.904 ug/ml
11)	N-HEXACOSANE	16.291	2839293	24.944 ug/ml
12)	N-OCTACOSANE	17.243	2739244	24.964 ug/ml
13)	N-TRIACONTANE	18.131	2660183	25.099 ug/ml
14)	N-DOTRIACONTANE	18.966	2530592	25.082 ug/ml
15)	N-TETRATRIACONTANE	19.753	2278361	24.169 ug/ml
16)	N-HEXATRIACONTANE	20.493	1996383	22.292 ug/ml
17)	N-OCTATRIACONTANE	21.246	1974885	21.017 ug/ml
18)	N-TETRACONTANE	22.184	2094900	20.651 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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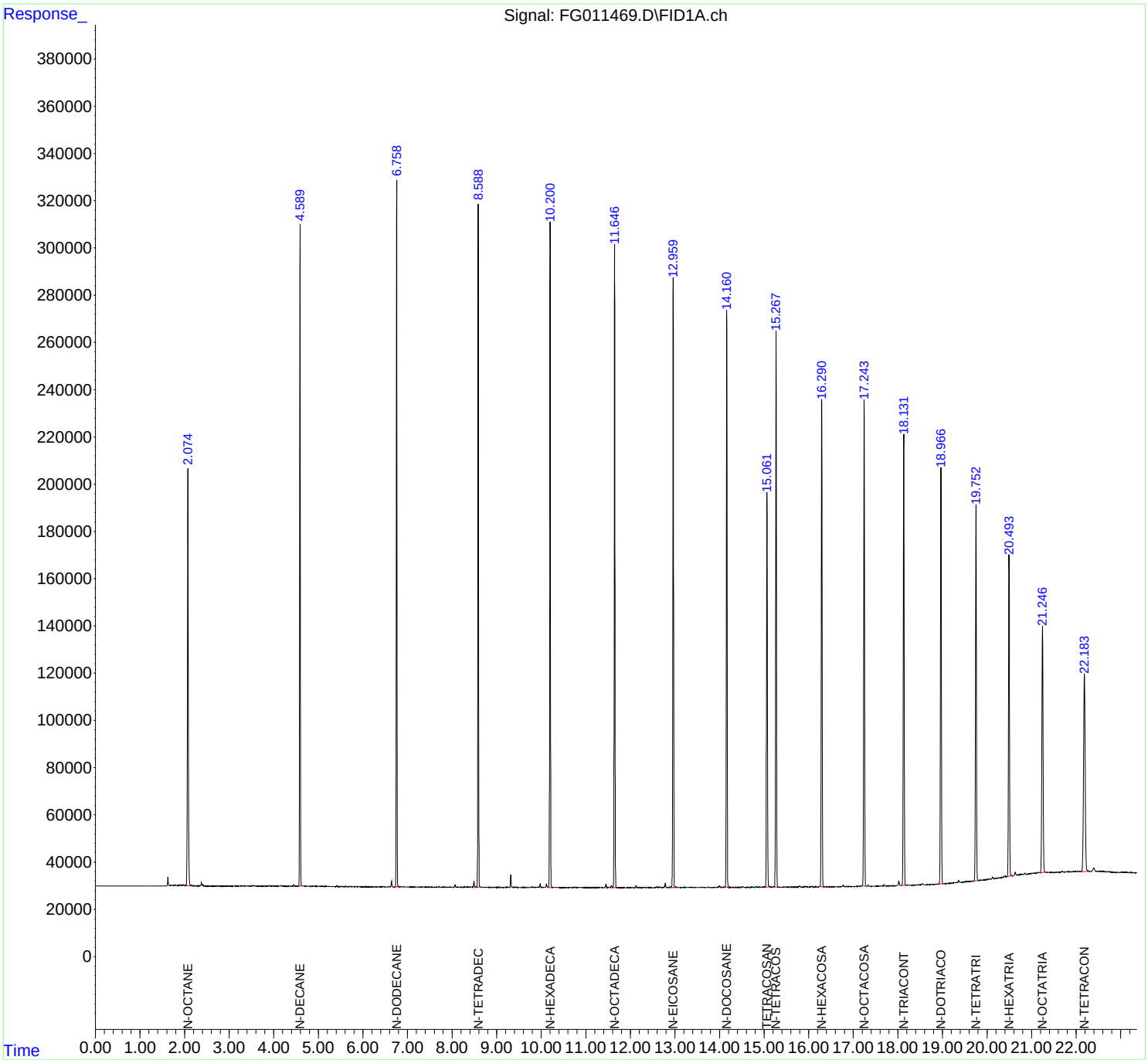
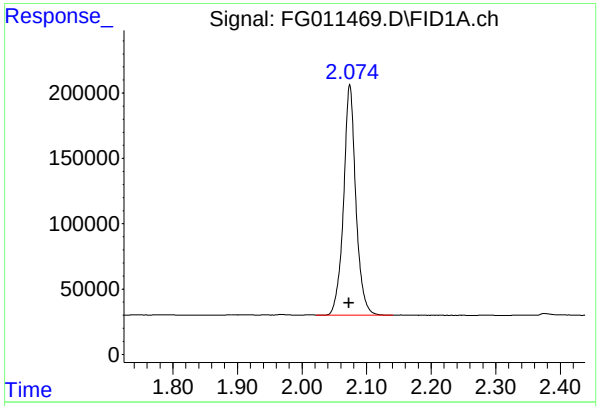
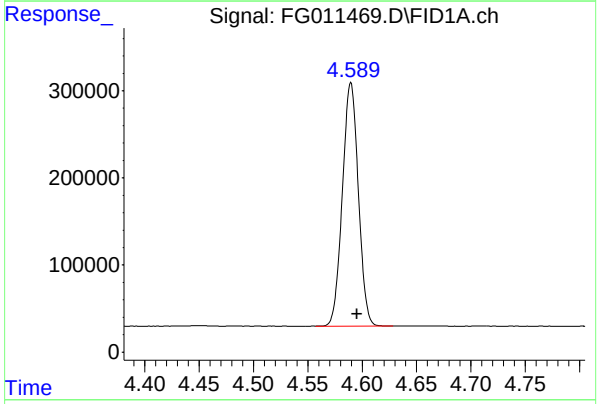




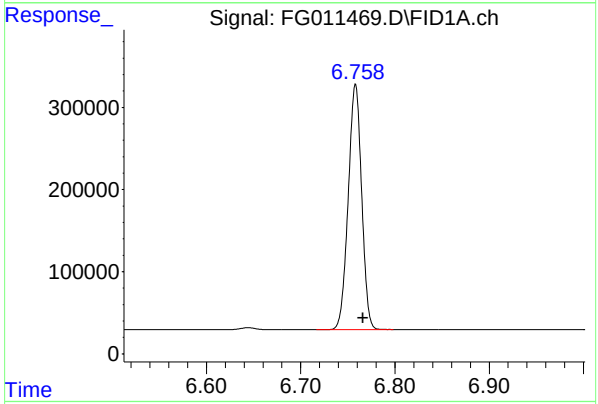
#1 N-OCTANE

R.T.: 2.074 min
Delta R.T.: 0.000 min
Response: 2331499
Conc: 19.62 ug/ml



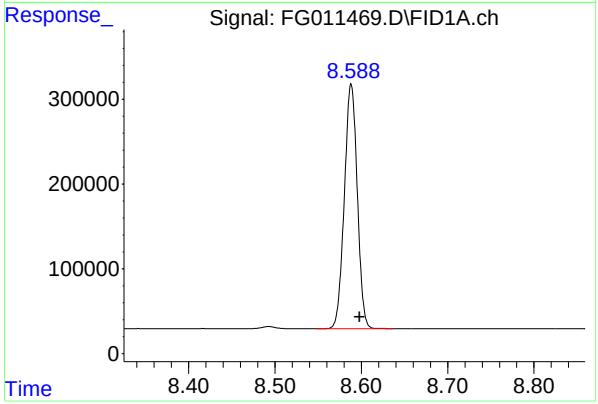
#2 N-DECANE

R.T.: 4.590 min
Delta R.T.: -0.005 min
Response: 2853597
Conc: 23.42 ug/ml



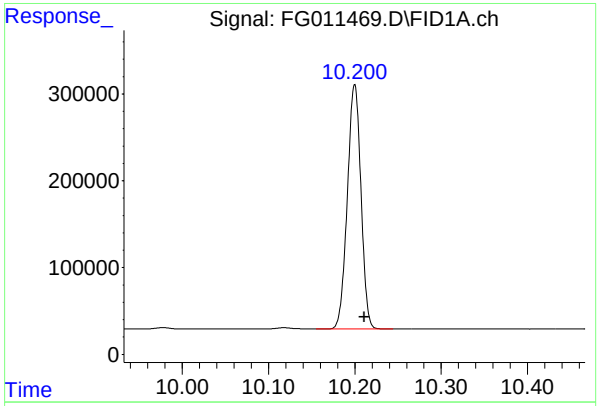
#3 N-DODECANE

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 2956470
Conc: 23.91 ug/ml



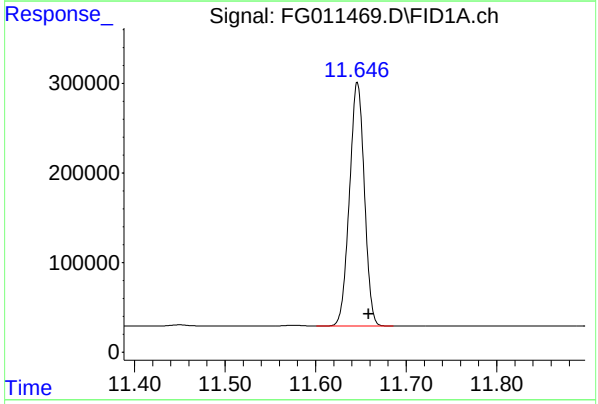
#4 N-TETRADECANE

R.T.: 8.588 min
Delta R.T.: -0.010 min
Response: 3000909
Conc: 24.29 ug/ml



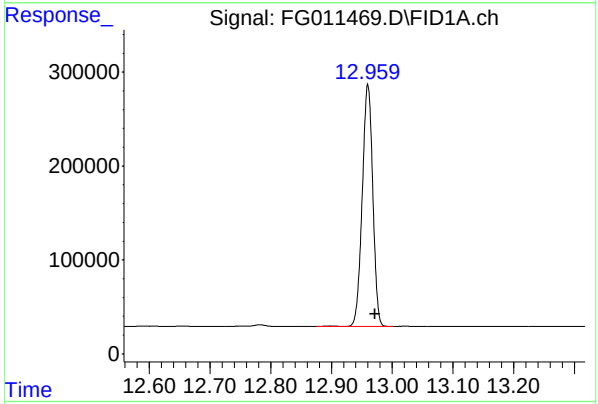
#5 N-HEXADECANE

R.T.: 10.200 min
Delta R.T.: -0.011 min
Response: 3087733
Conc: 24.47 ug/ml



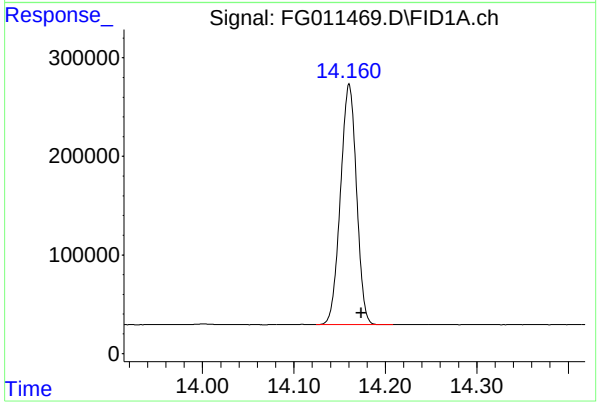
#6 N-OCTADECANE

R.T.: 11.646 min
Delta R.T.: -0.012 min
Response: 3109011
Conc: 24.63 ug/ml



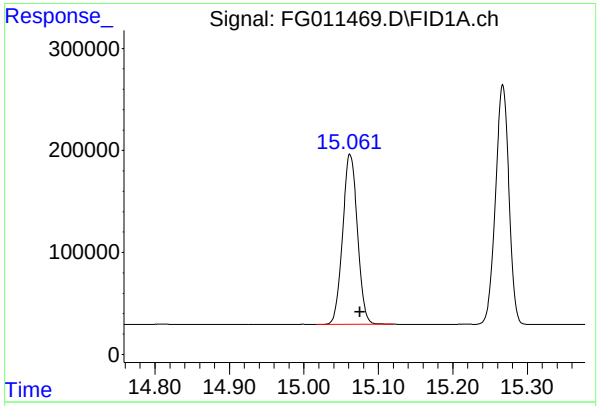
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: -0.011 min
Response: 3097291
Conc: 24.74 ug/ml



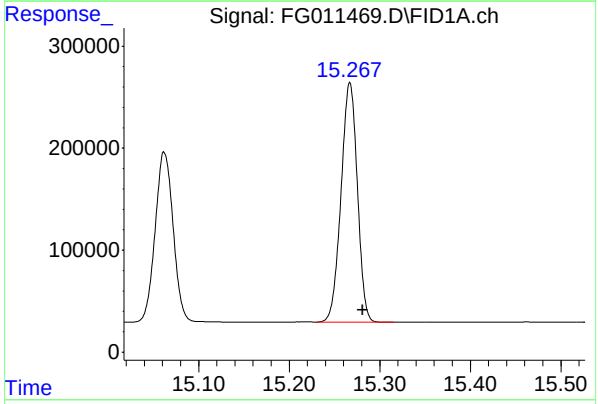
#8 N-DOCOSANE

R.T.: 14.160 min
Delta R.T.: -0.013 min
Response: 2978365
Conc: 24.82 ug/ml



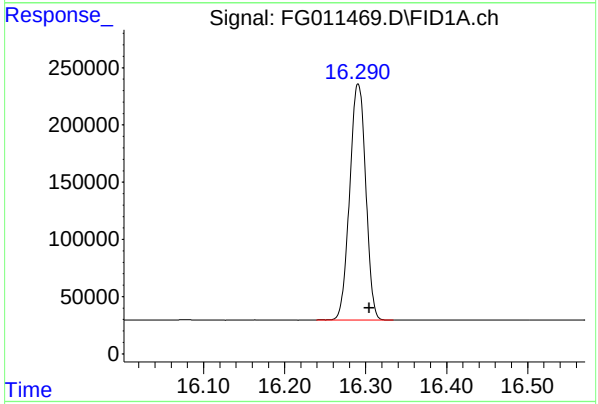
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.062 min
Delta R.T.: -0.014 min
Response: 2297505
Conc: 21.84 ug/ml



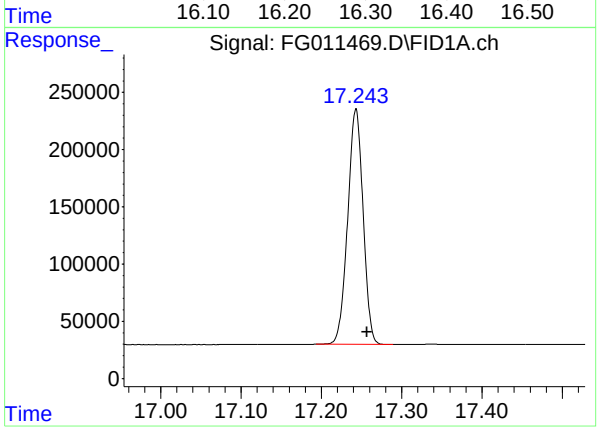
#10 N-TETRACOSANE

R.T.: 15.267 min
Delta R.T.: -0.014 min
Response: 2938638
Conc: 24.90 ug/ml



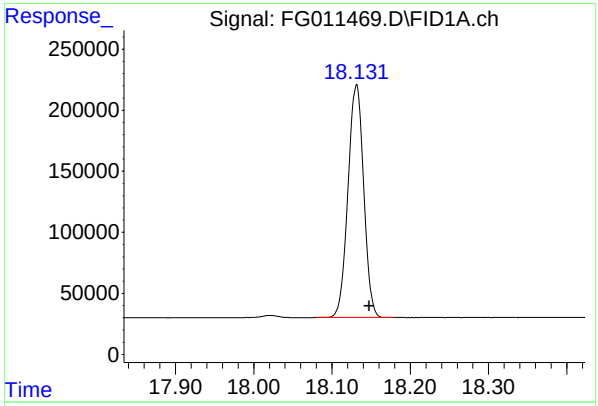
#11 N-HEXACOSANE

R.T.: 16.291 min
Delta R.T.: -0.014 min
Response: 2839293
Conc: 24.94 ug/ml



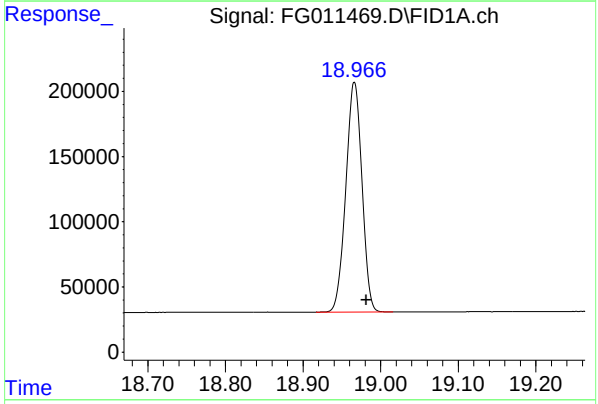
#12 N-OCTACOSANE

R.T.: 17.243 min
Delta R.T.: -0.014 min
Response: 2739244
Conc: 24.96 ug/ml



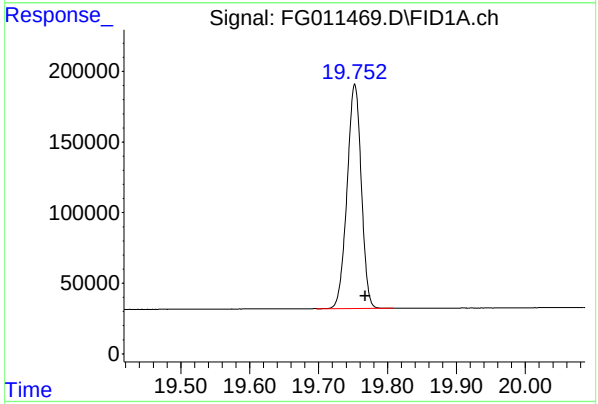
#13 N-TRIACONTANE

R.T.: 18.131 min
Delta R.T.: -0.016 min
Response: 2660183
Conc: 25.10 ug/ml



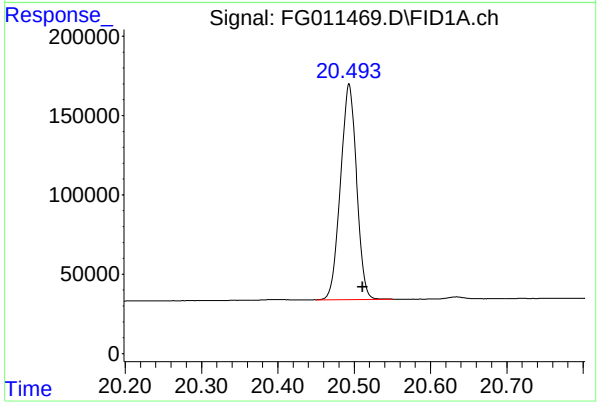
#14 N-DOTRIACONTANE

R.T.: 18.966 min
Delta R.T.: -0.015 min
Response: 2530592
Conc: 25.08 ug/ml



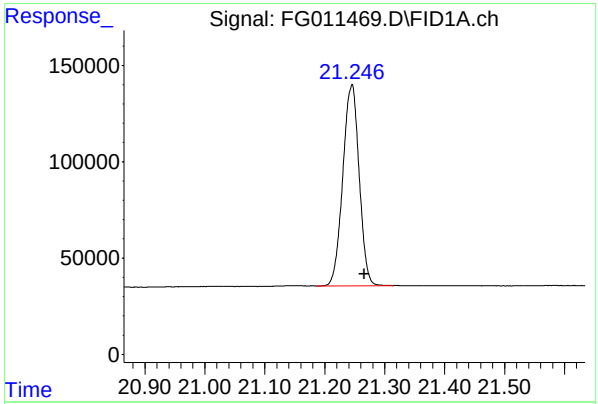
#15 N-TETRATRIACONTANE

R.T.: 19.753 min
Delta R.T.: -0.015 min
Response: 2278361
Conc: 24.17 ug/ml



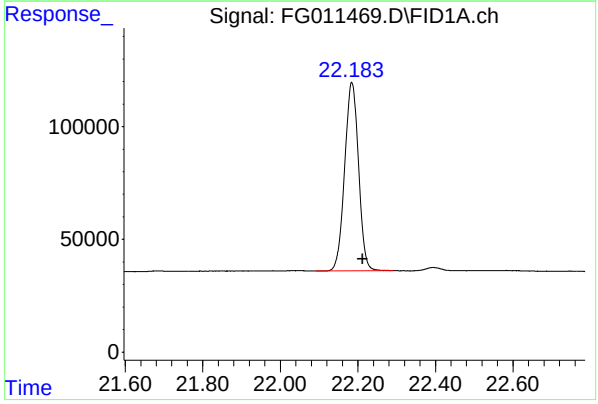
#16 N-HEXATRIACONTANE

R.T.: 20.493 min
Delta R.T.: -0.018 min
Response: 1996383
Conc: 22.29 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.246 min
Delta R.T.: -0.020 min
Response: 1974885
Conc: 21.02 ug/ml



#18 N-TETRACONTANE

R.T.: 22.184 min
Delta R.T.: -0.029 min
Response: 2094900
Conc: 20.65 ug/ml