Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031921\
Data File : FG007729.D
Signal(s) : FID1A.ch
Acq On : 19 Mar 2021 14:30
Operator : DD\AJ
Sample : M1707-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Mar 19 22:46:51 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031221.M
Quant Title :
QLast Update : Mon Mar 15 09:29:28 2021
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...	14.446	2423357	19.152 ug/ml
	Target Compounds			
1)	N-OCTANE	2.105	2920070	20.328 ug/ml
2)	N-DECANE	4.171	3407198	23.246 ug/ml
3)	N-DODECANE	6.190	3453285	23.314 ug/ml
4)	N-TETRADECANE	7.986	3565201	23.565 ug/ml
5)	N-HEXADECANE	9.588	3448989	22.952 ug/ml
6)	N-OCTADECANE	11.033	3425141	22.721 ug/ml
7)	N-EICOSANE	12.344	3427056	23.177 ug/ml
8)	N-DOCOSANE	13.546	3334254	22.912 ug/ml
10)	N-TETRACOSANE	14.652	3209659	22.371 ug/ml
11)	N-HEXACOSANE	15.674	3152100	22.555 ug/ml
12)	N-OCTACOSANE	16.628	3004956	21.973 ug/ml
13)	N-TRIACONTANE	17.516	2933528	22.180 ug/ml
14)	N-DOTRIACONTANE	18.351	2812001	22.321 ug/ml
15)	N-TETRATRIACONTANE	19.138	2501646	21.796 ug/ml
16)	N-HEXATRIACONTANE	19.880	2318169	22.910 ug/ml
17)	N-OCTATRIACONTANE	20.593	2282953	24.930 ug/ml
18)	N-TETRACONTANE	21.432	2267381	25.890 ug/ml

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

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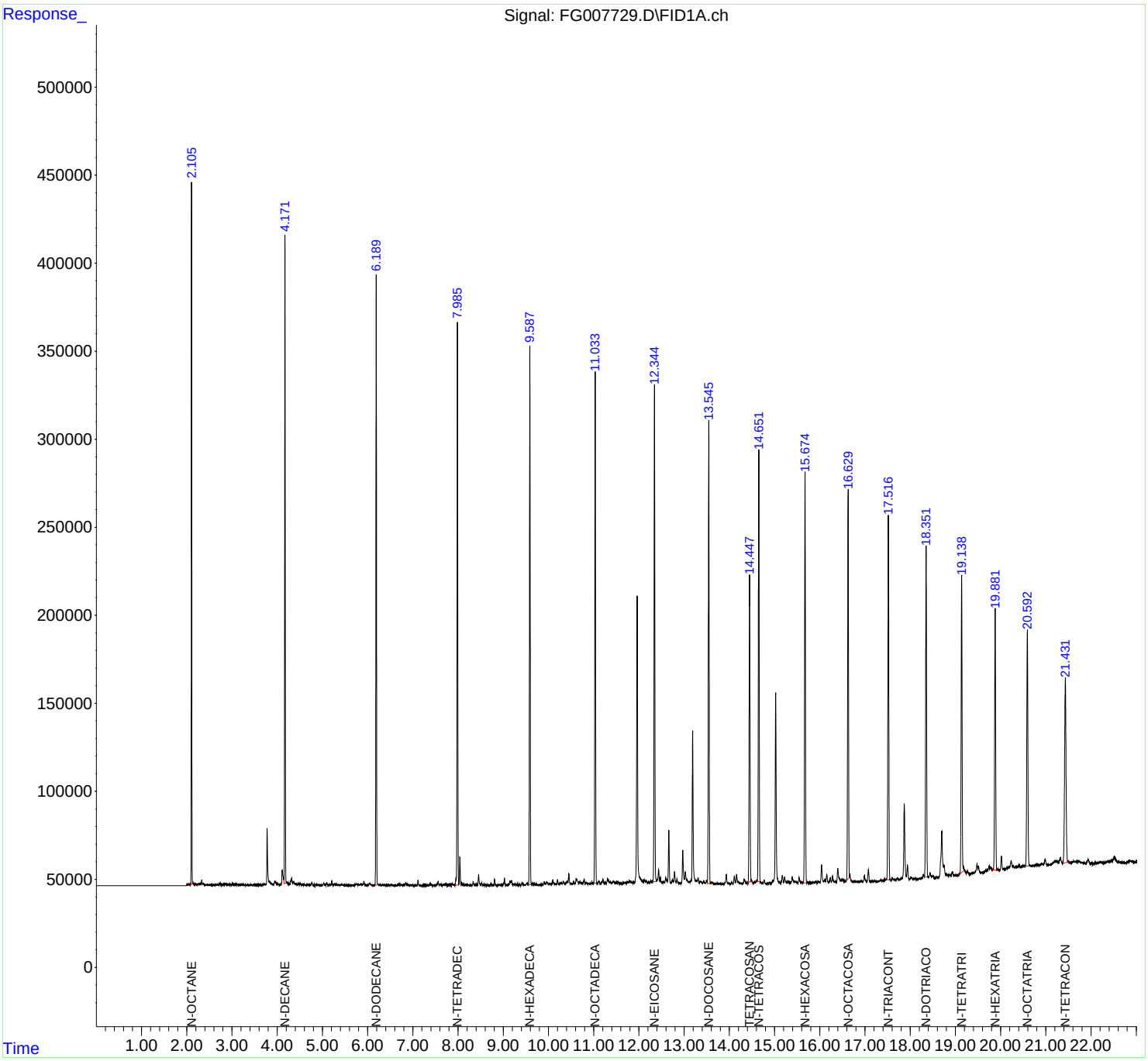
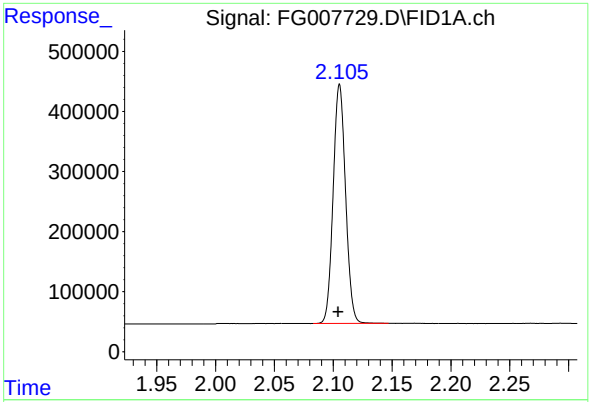
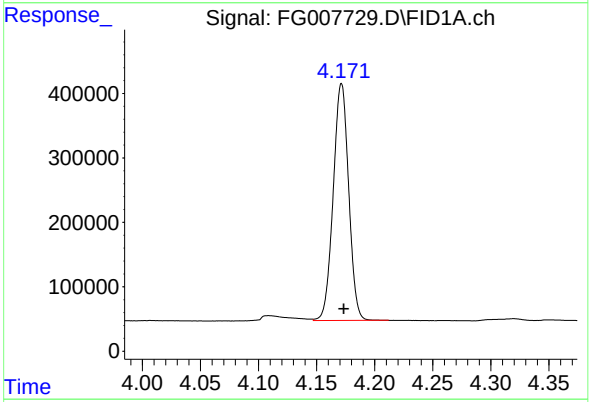
Signal Info : 20mx0.18mmx0.18um





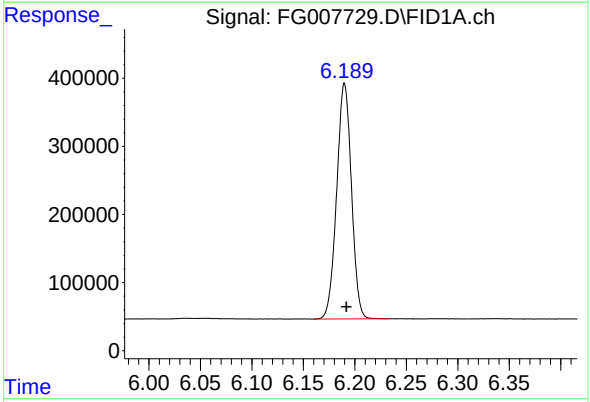
#1 N-OCTANE

R.T.: 2.105 min
Delta R.T.: 0.001 min
Response: 2920070
Conc: 20.33 ug/ml



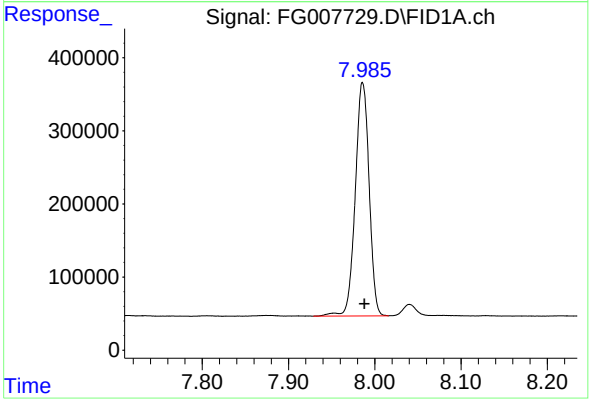
#2 N-DECANE

R.T.: 4.171 min
Delta R.T.: -0.002 min
Response: 3407198
Conc: 23.25 ug/ml



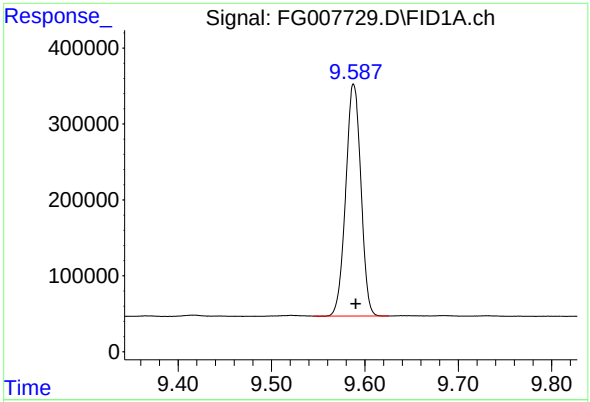
#3 N-DODECANE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 3453285
Conc: 23.31 ug/ml



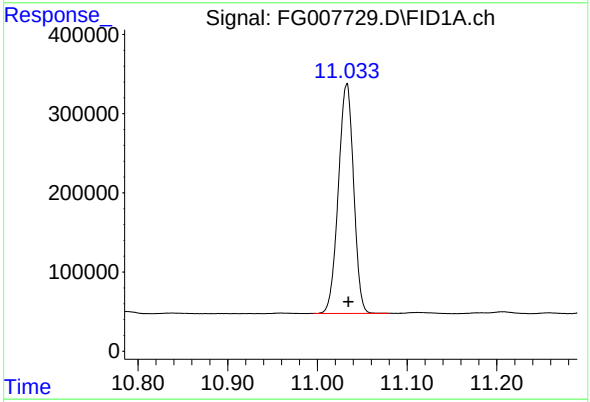
#4 N-TETRADECANE

R.T.: 7.986 min
Delta R.T.: -0.002 min
Response: 3565201
Conc: 23.56 ug/ml



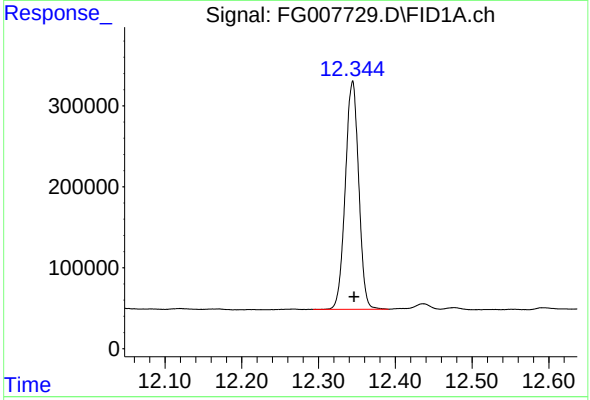
#5 N-HEXADECANE

R.T.: 9.588 min
Delta R.T.: -0.002 min
Response: 3448989
Conc: 22.95 ug/ml



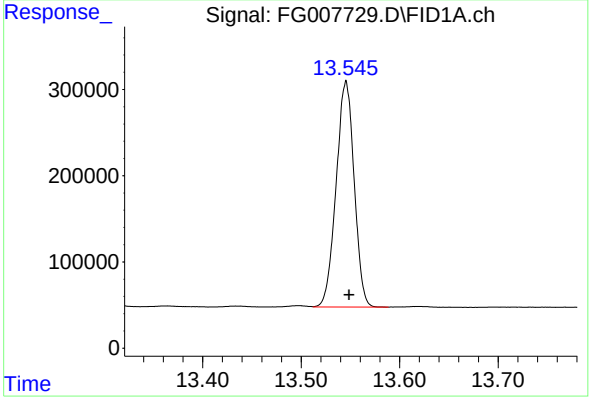
#6 N-OCTADECANE

R.T.: 11.033 min
Delta R.T.: -0.002 min
Response: 3425141
Conc: 22.72 ug/ml



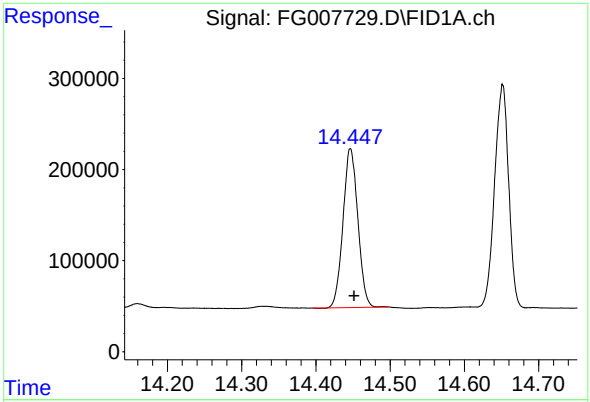
#7 N-EICOSANE

R.T.: 12.344 min
Delta R.T.: -0.002 min
Response: 3427056
Conc: 23.18 ug/ml



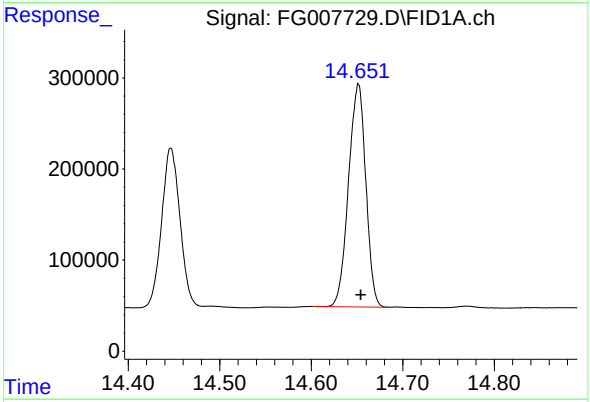
#8 N-DOCOSANE

R.T.: 13.546 min
Delta R.T.: -0.003 min
Response: 3334254
Conc: 22.91 ug/ml



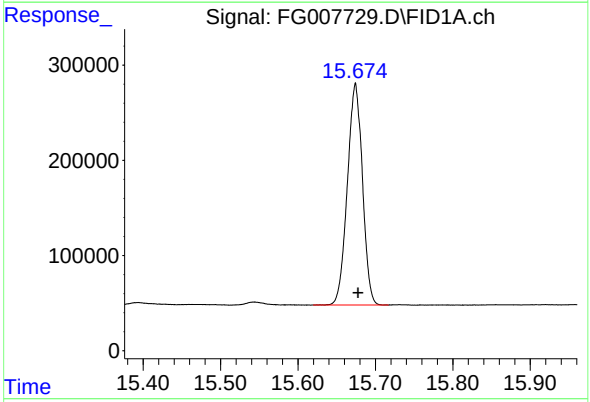
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.446 min
Delta R.T.: -0.005 min
Response: 2423357
Conc: 19.15 ug/ml



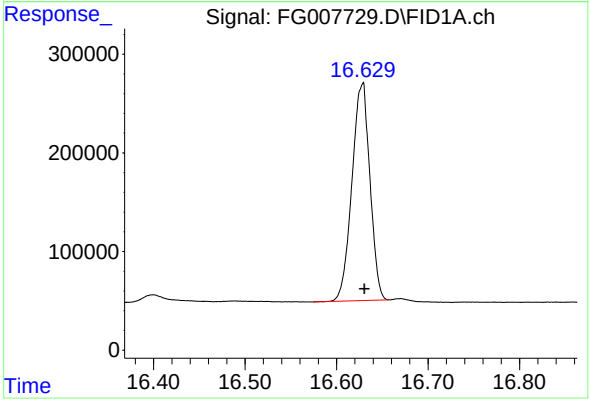
#10 N-TETRACOSANE

R.T.: 14.652 min
Delta R.T.: -0.003 min
Response: 3209659
Conc: 22.37 ug/ml



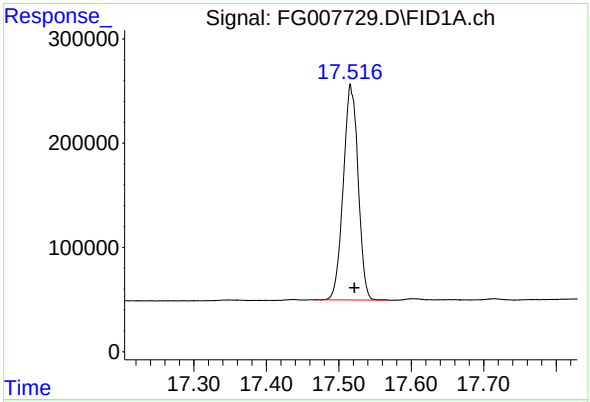
#11 N-HEXACOSANE

R.T.: 15.674 min
Delta R.T.: -0.003 min
Response: 3152100
Conc: 22.55 ug/ml



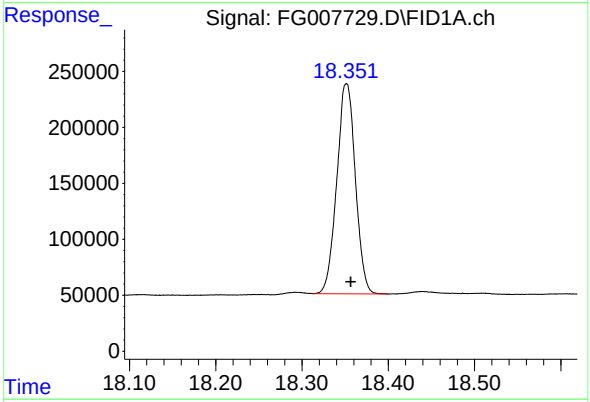
#12 N-OCTACOSANE

R.T.: 16.628 min
Delta R.T.: -0.002 min
Response: 3004956
Conc: 21.97 ug/ml



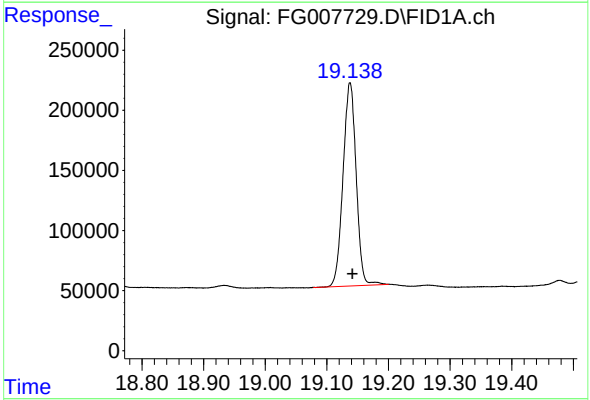
#13 N-TRIACONTANE

R.T.: 17.516 min
Delta R.T.: -0.005 min
Response: 2933528
Conc: 22.18 ug/ml



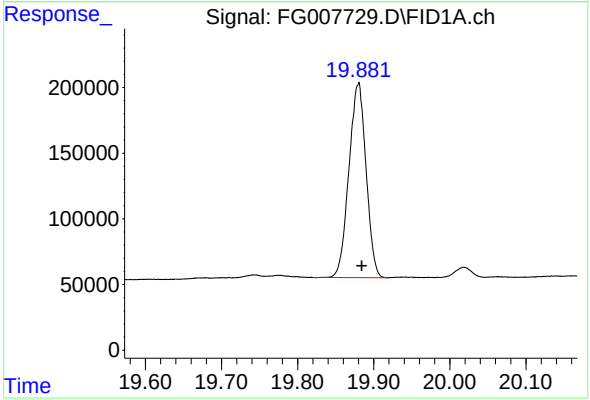
#14 N-DOTRIACONTANE

R.T.: 18.351 min
Delta R.T.: -0.005 min
Response: 2812001
Conc: 22.32 ug/ml



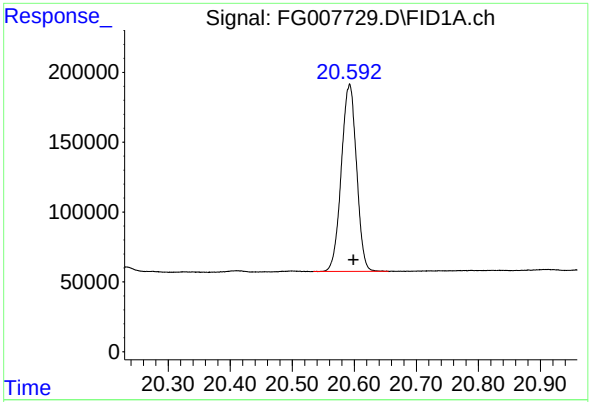
#15 N-TETRATRIACONTANE

R.T.: 19.138 min
Delta R.T.: -0.004 min
Response: 2501646
Conc: 21.80 ug/ml



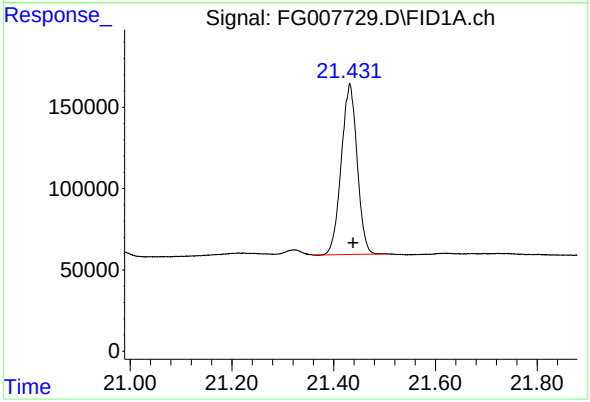
#16 N-HEXATRIACONTANE

R.T.: 19.880 min
Delta R.T.: -0.004 min
Response: 2318169
Conc: 22.91 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.593 min
Delta R.T.: -0.006 min
Response: 2282953
Conc: 24.93 ug/ml



#18 N-TETRACONTANE

R.T.: 21.432 min
Delta R.T.: -0.006 min
Response: 2267381
Conc: 25.89 ug/ml