Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041921\
Data File : FF008278.D
Signal(s) : FID2B.ch
Acq On : 19 Apr 2021 12:16
Operator : DD\AJ
Sample : M2076-05MS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 20 01:36:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040521.M
Quant Title :
QLast Update : Tue Apr 06 02:37:41 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...	14.774	1547365	14.101 ug/ml
	Target Compounds			
1)	N-OCTANE	2.416	1798562	14.810 ug/ml
2)	N-DECANE	4.526	2210915	17.547 ug/ml
3)	N-DODECANE	6.543	2295295	18.074 ug/ml
4)	N-TETRADECANE	8.333	2376219	18.319 ug/ml
5)	N-HEXADECANE	9.930	2361720	18.384 ug/ml
6)	N-OCTADECANE	11.368	2367039	18.367 ug/ml
7)	N-EICOSANE	12.678	2329564	18.306 ug/ml
8)	N-DOCOSANE	13.876	2278930	18.157 ug/ml
10)	N-TETRACOSANE	14.977	2242441	17.994 ug/ml
11)	N-HEXACOSANE	15.997	2168080	17.713 ug/ml
12)	N-OCTACOSANE	16.945	2141249	17.538 ug/ml
13)	N-TRIACONTANE	17.829	2175666	17.804 ug/ml
14)	N-DOTRIACONTANE	18.658	2289555	18.879 ug/ml
15)	N-TETRATRIACONTANE	19.439	2106163	18.618 ug/ml
16)	N-HEXATRIACONTANE	20.178	2083954	20.250 ug/ml
17)	N-OCTATRIACONTANE	20.929	2288792	24.366 ug/ml
18)	N-TETRACONTANE	21.869	2544408	27.951 ug/ml

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

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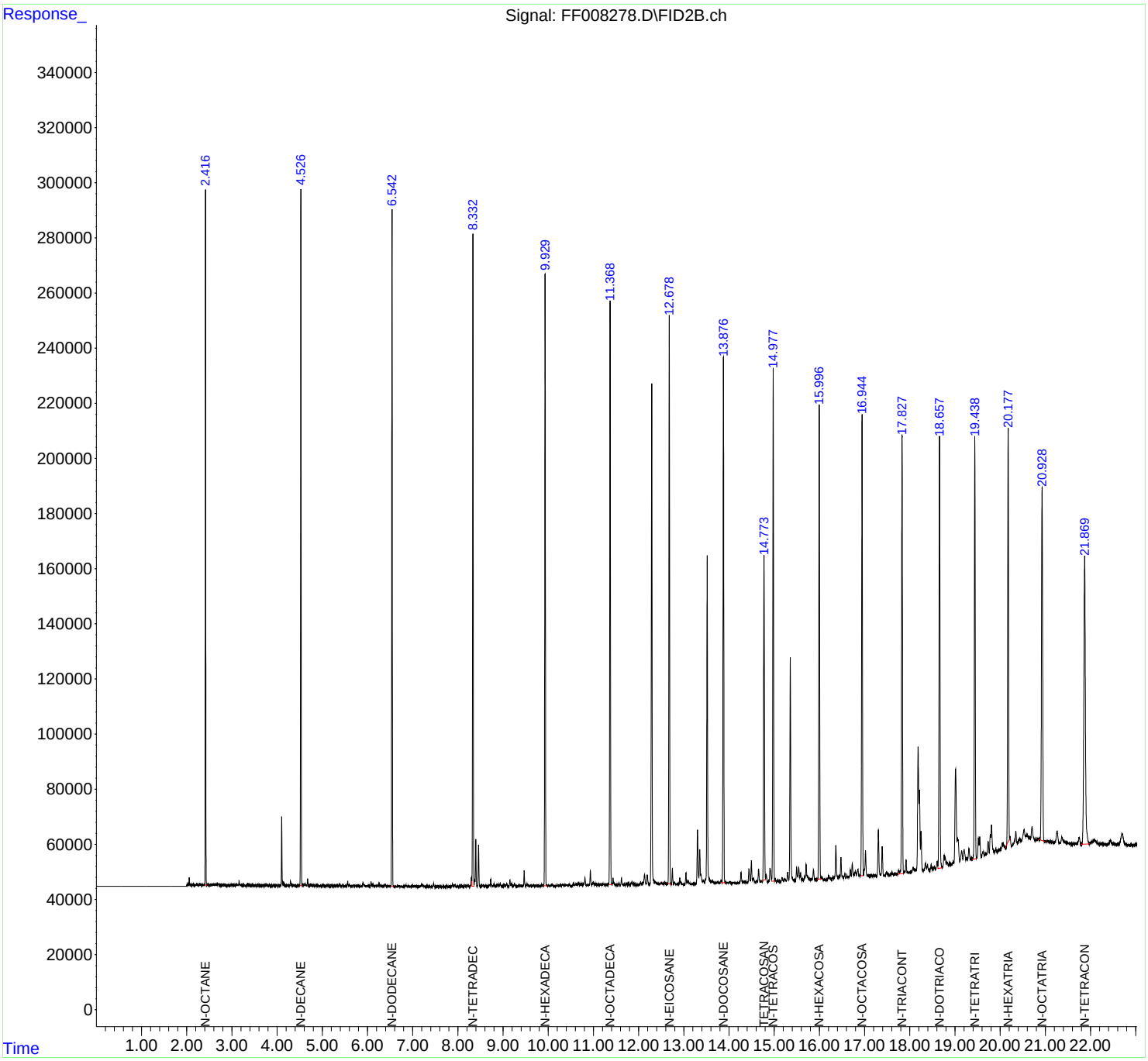
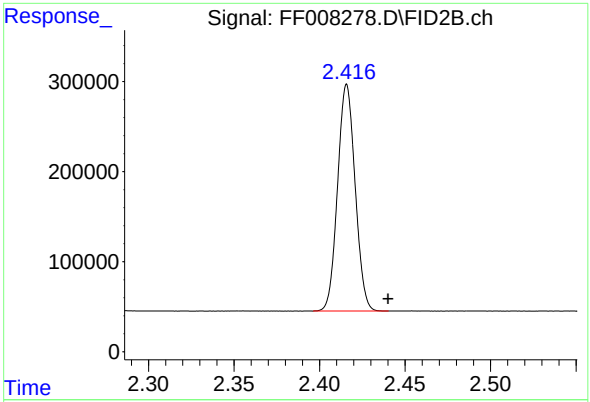
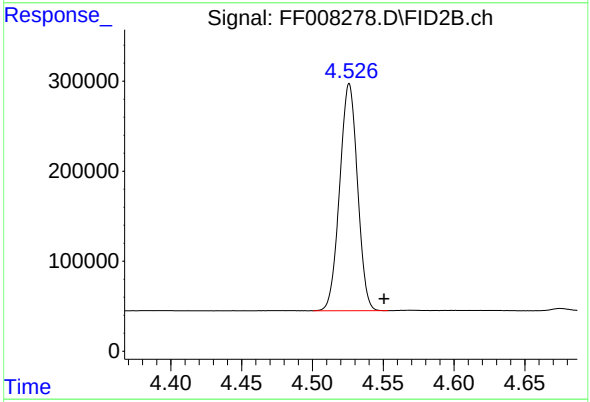




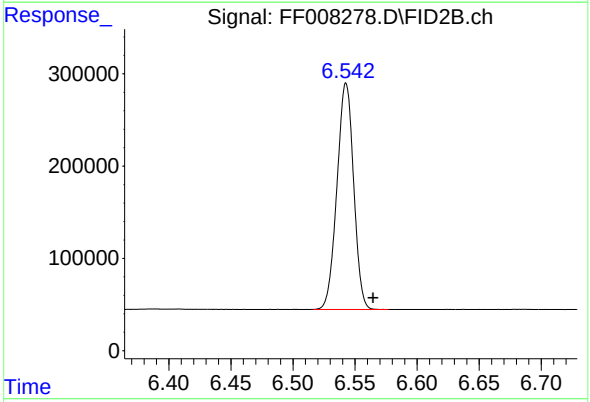
#1 N-OCTANE

R.T.: 2.416 min
Delta R.T.: -0.024 min
Response: 1798562
Conc: 14.81 ug/ml



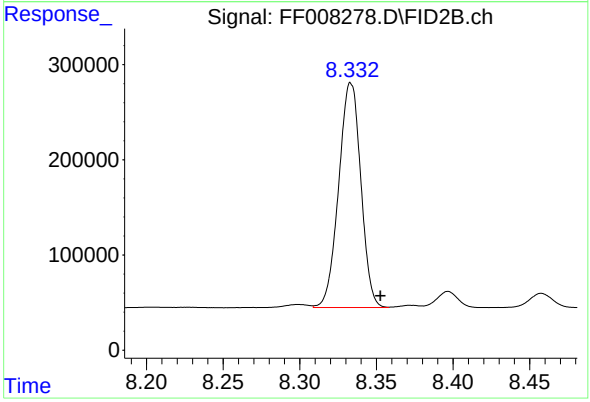
#2 N-DECANE

R.T.: 4.526 min
Delta R.T.: -0.024 min
Response: 2210915
Conc: 17.55 ug/ml



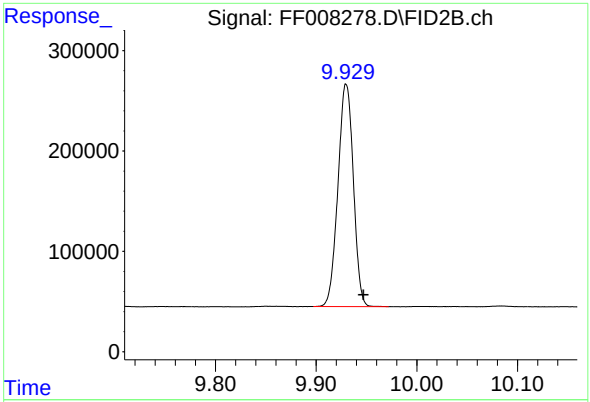
#3 N-DODECANE

R.T.: 6.543 min
Delta R.T.: -0.022 min
Response: 2295295
Conc: 18.07 ug/ml



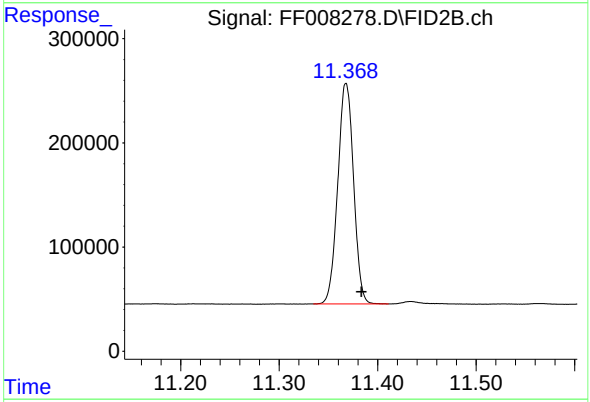
#4 N-TETRADECANE

R.T.: 8.333 min
Delta R.T.: -0.020 min
Response: 2376219
Conc: 18.32 ug/ml



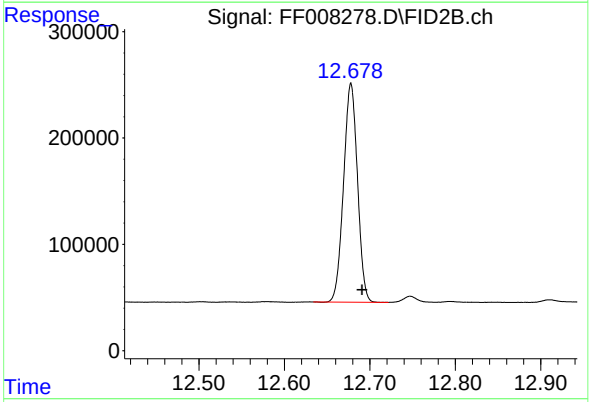
#5 N-HEXADECANE

R.T.: 9.930 min
Delta R.T.: -0.017 min
Response: 2361720
Conc: 18.38 ug/ml



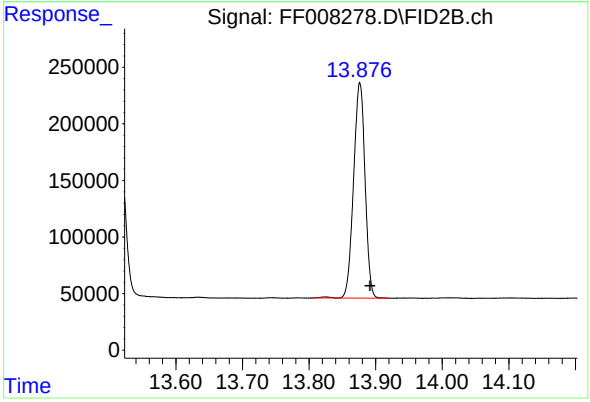
#6 N-OCTADECANE

R.T.: 11.368 min
Delta R.T.: -0.016 min
Response: 2367039
Conc: 18.37 ug/ml



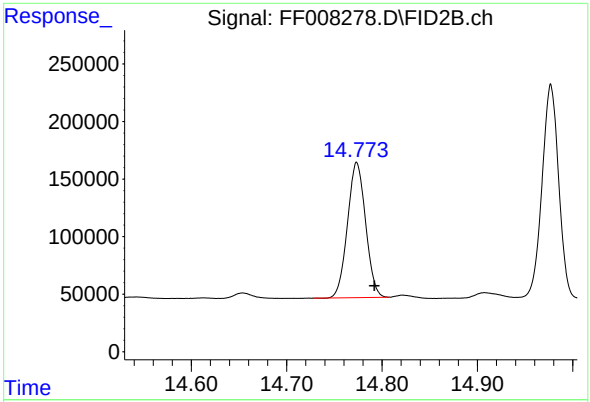
#7 N-EICOSANE

R.T.: 12.678 min
Delta R.T.: -0.013 min
Response: 2329564
Conc: 18.31 ug/ml



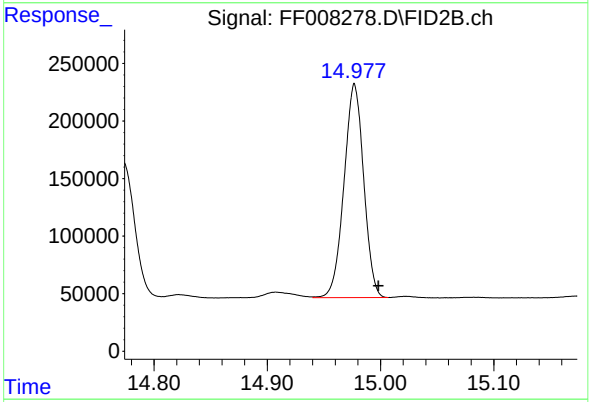
#8 N-DOCOSANE

R.T.: 13.876 min
Delta R.T.: -0.015 min
Response: 2278930
Conc: 18.16 ug/ml



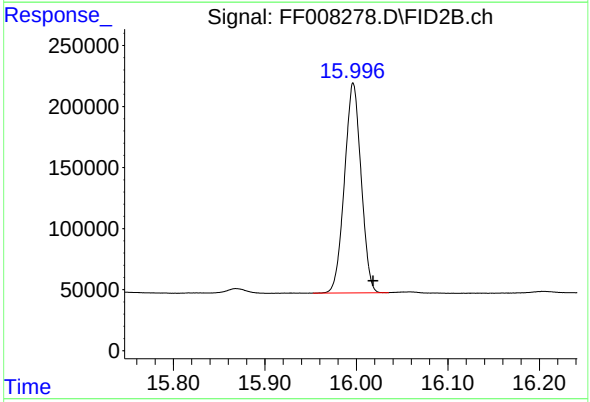
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.774 min
Delta R.T.: -0.018 min
Response: 1547365
Conc: 14.10 ug/ml



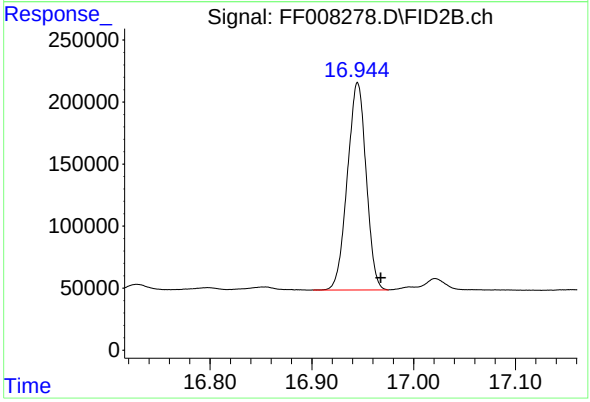
#10 N-TETRACOSANE

R.T.: 14.977 min
Delta R.T.: -0.021 min
Response: 2242441
Conc: 17.99 ug/ml



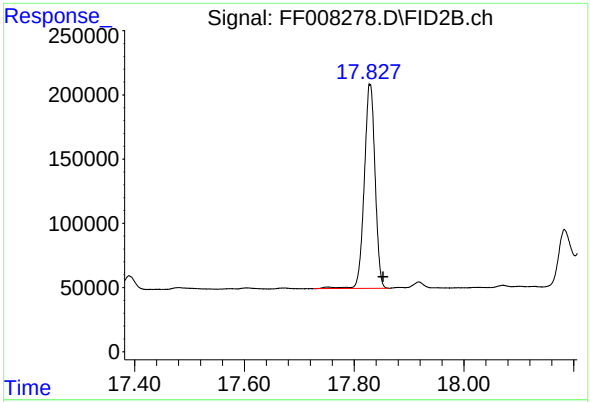
#11 N-HEXACOSANE

R.T.: 15.997 min
Delta R.T.: -0.021 min
Response: 2168080
Conc: 17.71 ug/ml



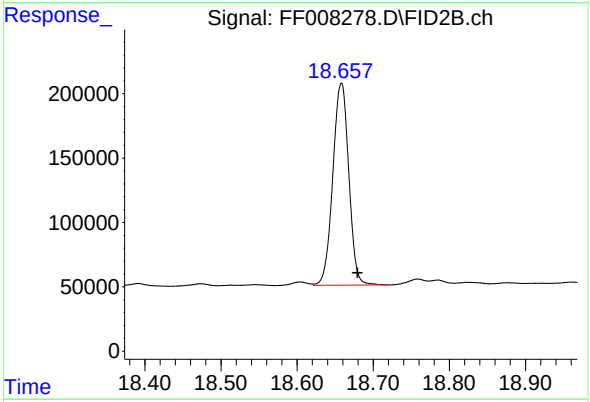
#12 N-OCTACOSANE

R.T.: 16.945 min
Delta R.T.: -0.023 min
Response: 2141249
Conc: 17.54 ug/ml



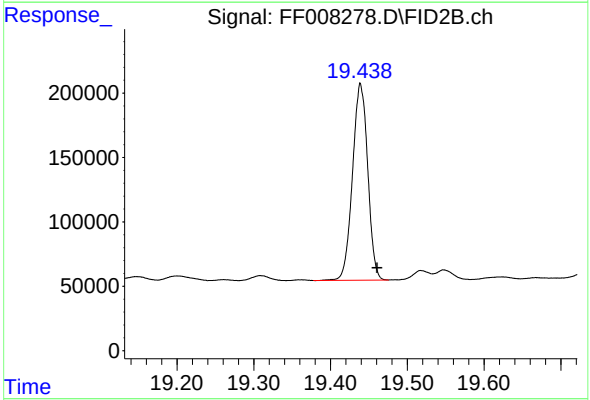
#13 N-TRIACONTANE

R.T.: 17.829 min
Delta R.T.: -0.024 min
Response: 2175666
Conc: 17.80 ug/ml



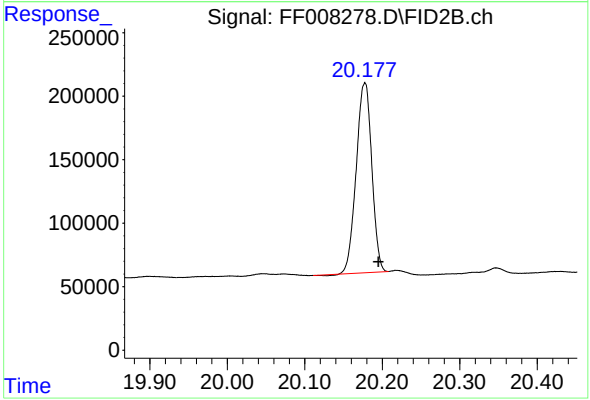
#14 N-DOTRIACONTANE

R.T.: 18.658 min
Delta R.T.: -0.021 min
Response: 2289555
Conc: 18.88 ug/ml



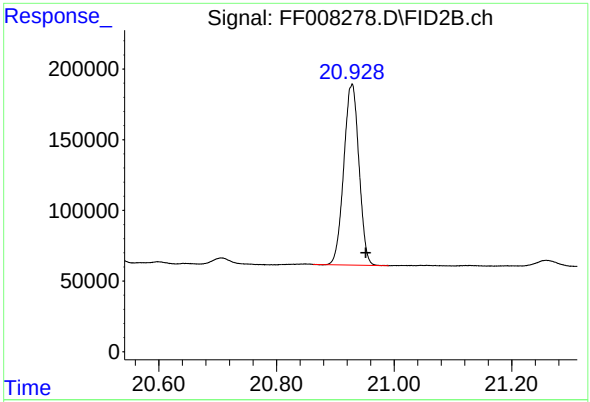
#15 N-TETRATRIACONTANE

R.T.: 19.439 min
Delta R.T.: -0.022 min
Response: 2106163
Conc: 18.62 ug/ml



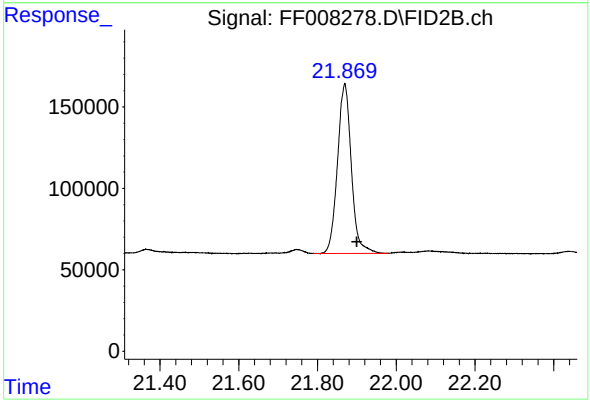
#16 N-HEXATRIACONTANE

R.T.: 20.178 min
Delta R.T.: -0.018 min
Response: 2083954
Conc: 20.25 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.929 min
Delta R.T.: -0.023 min
Response: 2288792
Conc: 24.37 ug/ml



#18 N-TETRACONTANE

R.T.: 21.869 min
Delta R.T.: -0.030 min
Response: 2544408
Conc: 27.95 ug/ml