Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090721\
Data File : FG008731.D
Signal(s) : FID1A.ch
Acq On : 07 Sep 2021 14:57
Operator : DD\AJ
Sample : 20 TRPH STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 08 02:35:17 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090721.M
Quant Title :
QLast Update : Wed Sep 08 02:33:45 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...	14.745	2228682	19.483 ug/ml
	Target Compounds			
1)	N-OCTANE	2.345	2653568	19.286 ug/ml
2)	N-DECANE	4.447	2692407	19.216 ug/ml
3)	N-DODECANE	6.474	2727900	19.218 ug/ml
4)	N-TETRADECANE	8.275	2749449	19.297 ug/ml
5)	N-HEXADECANE	9.882	2714026	19.356 ug/ml
6)	N-OCTADECANE	11.327	2713560	19.394 ug/ml
7)	N-EICOSANE	12.641	2674101	19.488 ug/ml
8)	N-DOCOSANE	13.844	2587103	19.496 ug/ml
10)	N-TETRACOSANE	14.950	2538024	19.480 ug/ml
11)	N-HEXACOSANE	15.974	2461360	19.495 ug/ml
12)	N-OCTACOSANE	16.926	2387260	19.606 ug/ml
13)	N-TRIACONTANE	17.816	2270454	19.701 ug/ml
14)	N-DOTRIACONTANE	18.651	2090393	19.707 ug/ml
15)	N-TETRATRIACONTANE	19.436	1924946	19.541 ug/ml
16)	N-HEXATRIACONTANE	20.176	1811844	19.491 ug/ml
17)	N-OCTATRIACONTANE	20.930	1744046	19.386 ug/ml
18)	N-TETRACONTANE	21.873	1815460	19.658 ug/ml

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

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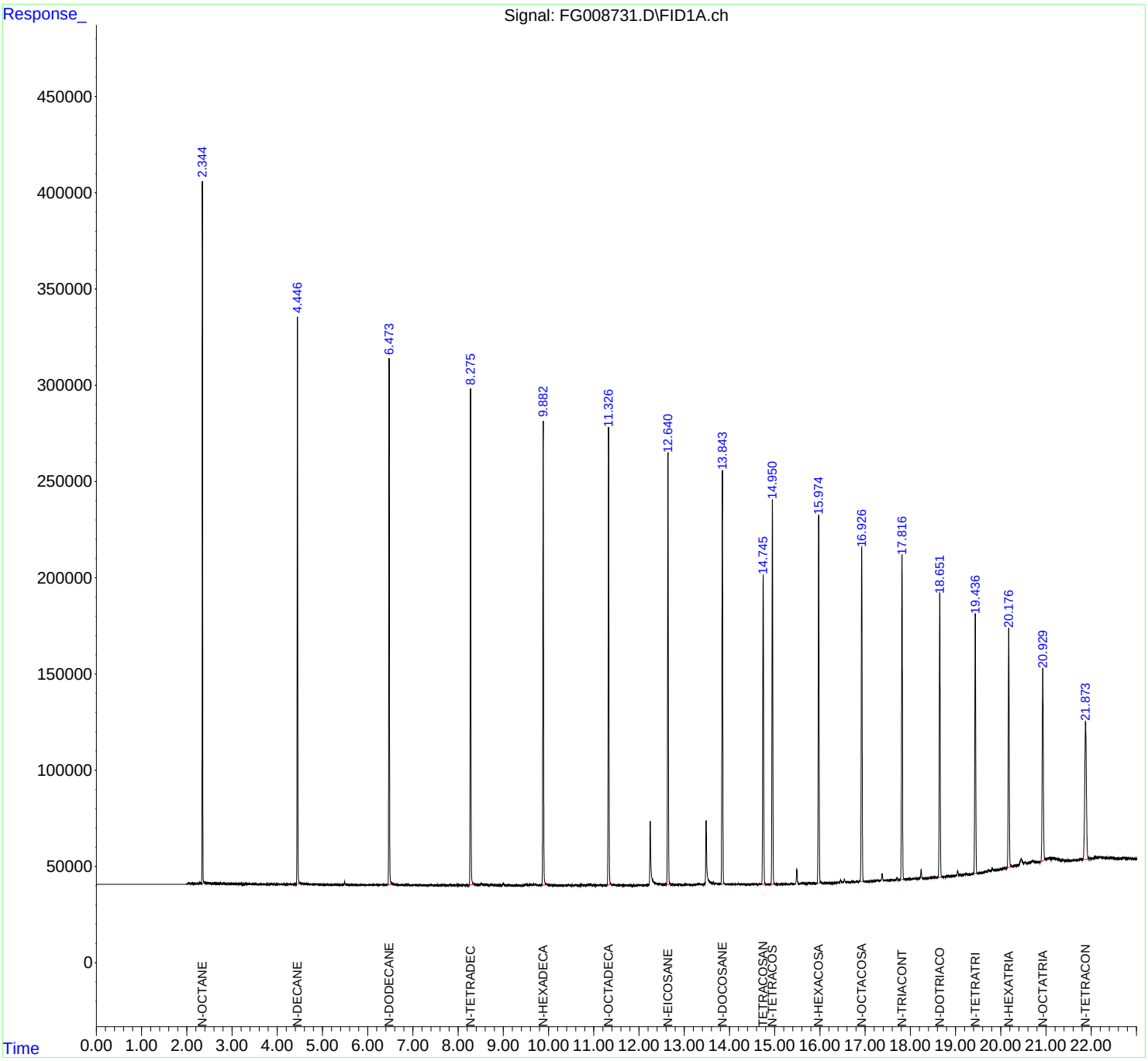
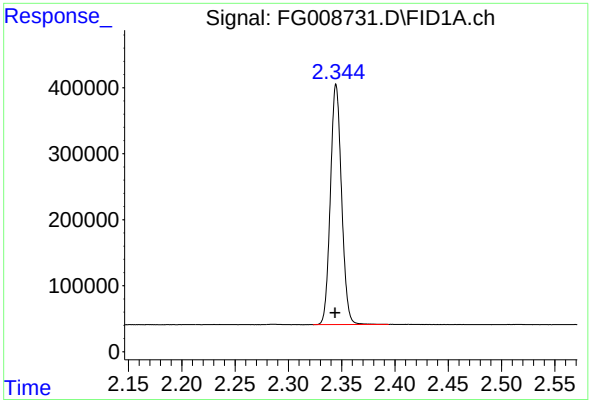
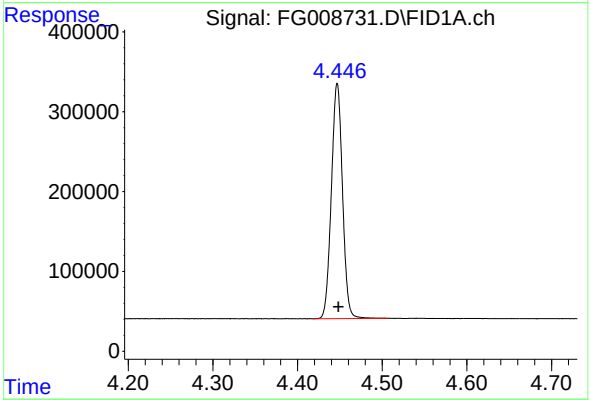




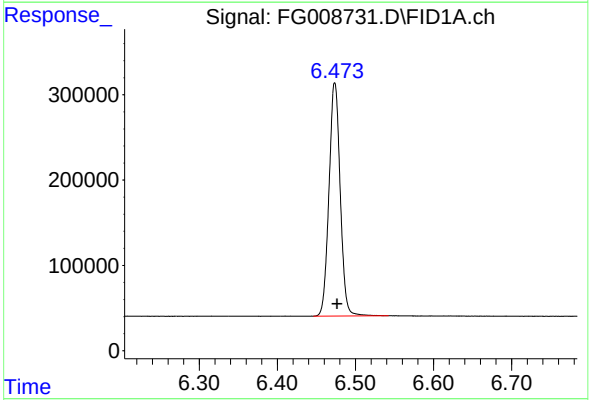
#1 N-OCTANE

R.T.: 2.345 min
Delta R.T.: 0.000 min
Response: 2653568
Conc: 19.29 ug/ml



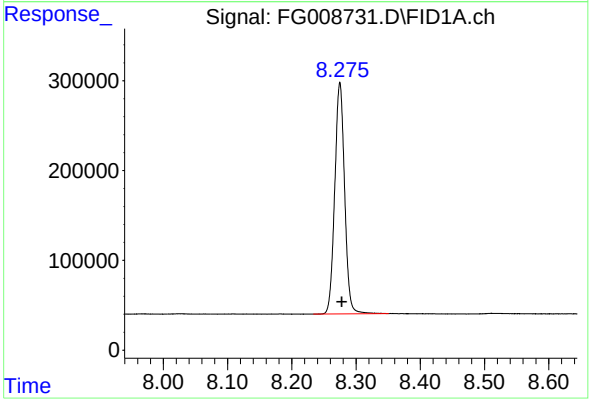
#2 N-DECANE

R.T.: 4.447 min
Delta R.T.: -0.001 min
Response: 2692407
Conc: 19.22 ug/ml



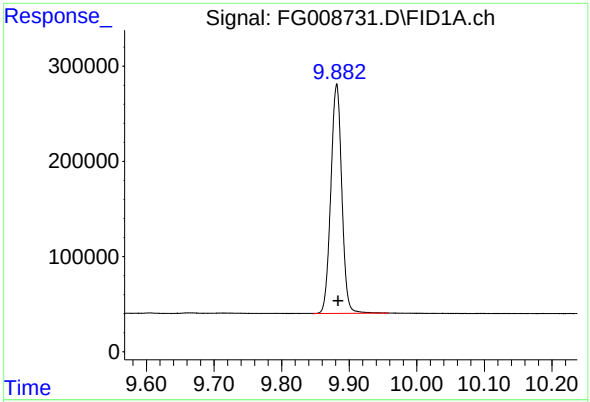
#3 N-DODECANE

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 2727900
Conc: 19.22 ug/ml



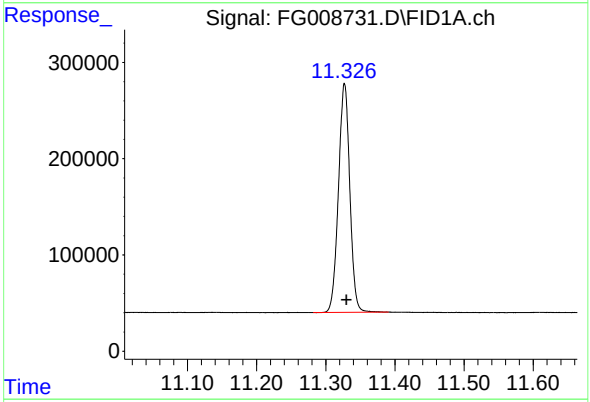
#4 N-TETRADECANE

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 2749449
Conc: 19.30 ug/ml



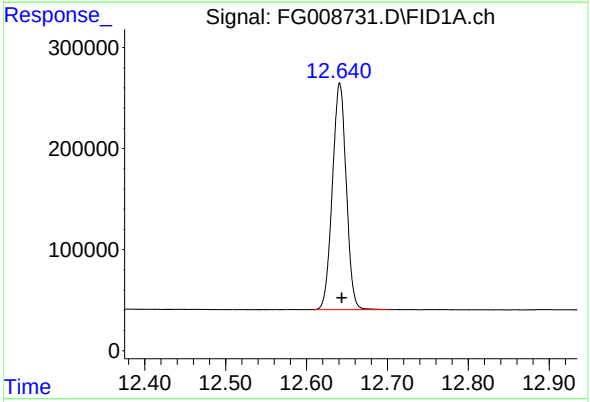
#5 N-HEXADECANE

R.T.: 9.882 min
Delta R.T.: -0.002 min
Response: 2714026
Conc: 19.36 ug/ml



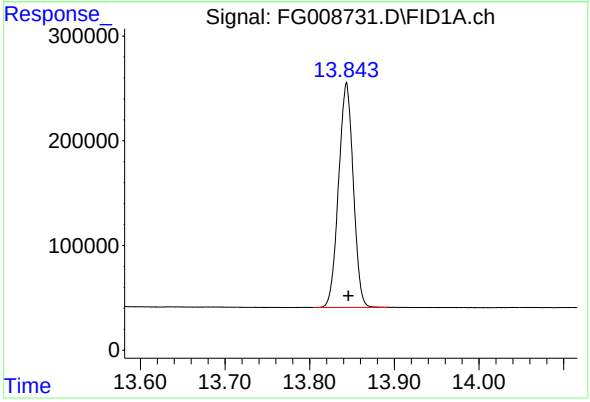
#6 N-OCTADECANE

R.T.: 11.327 min
Delta R.T.: -0.003 min
Response: 2713560
Conc: 19.39 ug/ml



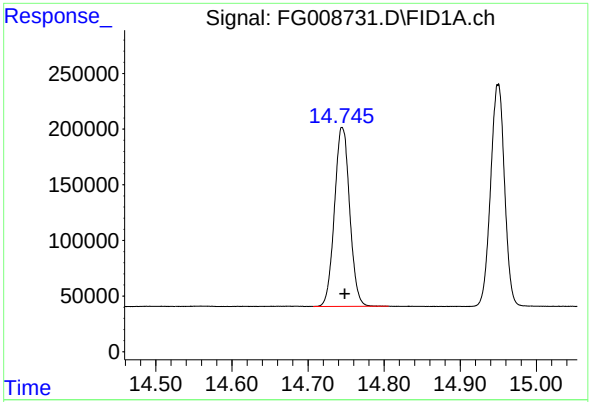
#7 N-EICOSANE

R.T.: 12.641 min
Delta R.T.: -0.003 min
Response: 2674101
Conc: 19.49 ug/ml



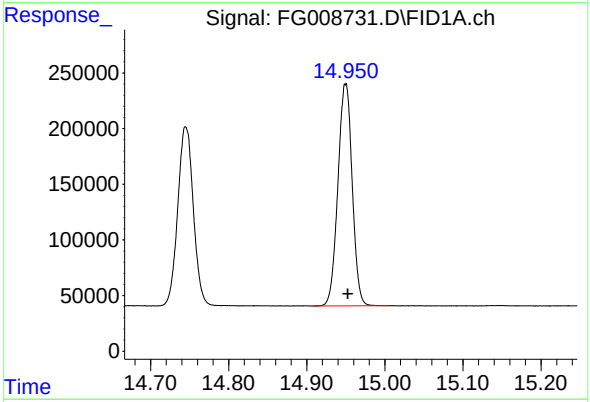
#8 N-DOCOSANE

R.T.: 13.844 min
Delta R.T.: -0.002 min
Response: 2587103
Conc: 19.50 ug/ml



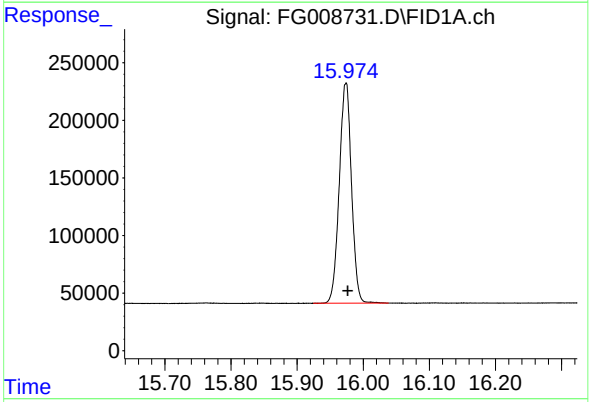
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.745 min
Delta R.T.: -0.003 min
Response: 2228682
Conc: 19.48 ug/ml



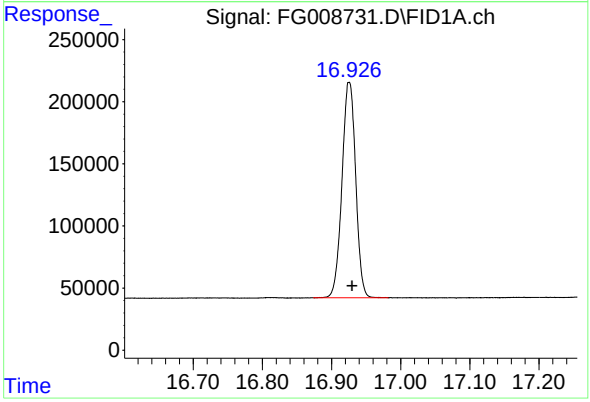
#10 N-TETRACOSANE

R.T.: 14.950 min
Delta R.T.: -0.003 min
Response: 2538024
Conc: 19.48 ug/ml



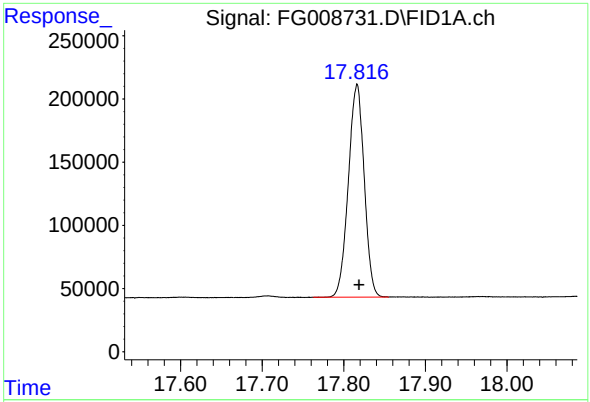
#11 N-HEXACOSANE

R.T.: 15.974 min
Delta R.T.: -0.003 min
Response: 2461360
Conc: 19.50 ug/ml



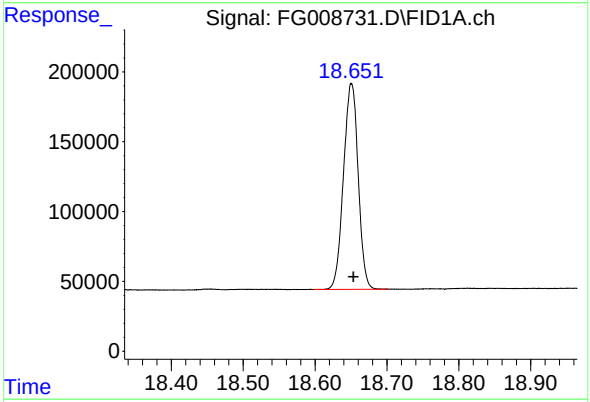
#12 N-OCTACOSANE

R.T.: 16.926 min
Delta R.T.: -0.004 min
Response: 2387260
Conc: 19.61 ug/ml



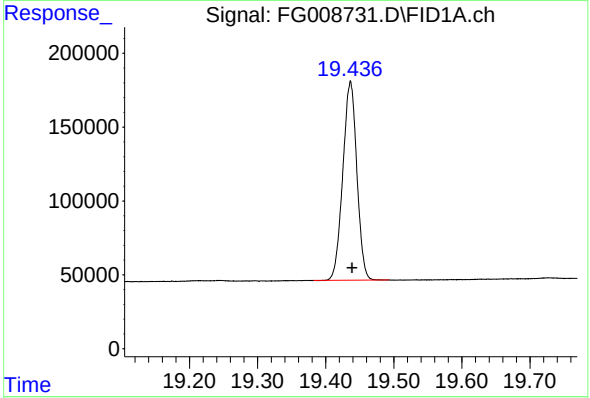
#13 N-TRIACONTANE

R.T.: 17.816 min
Delta R.T.: -0.002 min
Response: 2270454
Conc: 19.70 ug/ml



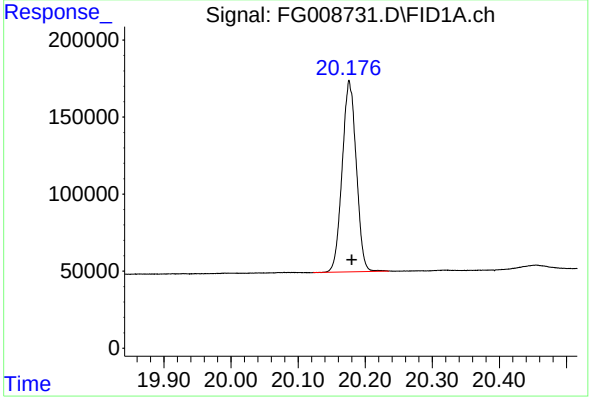
#14 N-DOTRIACONTANE

R.T.: 18.651 min
Delta R.T.: -0.002 min
Response: 2090393
Conc: 19.71 ug/ml



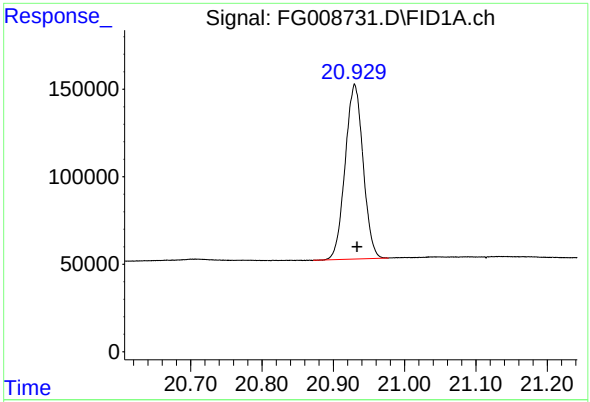
#15 N-TETRATRIACONTANE

R.T.: 19.436 min
Delta R.T.: -0.003 min
Response: 1924946
Conc: 19.54 ug/ml



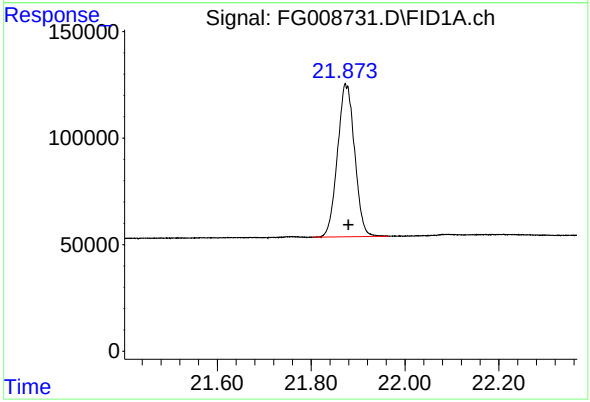
#16 N-HEXATRIACONTANE

R.T.: 20.176 min
Delta R.T.: -0.004 min
Response: 1811844
Conc: 19.49 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.930 min
Delta R.T.: -0.003 min
Response: 1744046
Conc: 19.39 ug/ml



#18 N-TETRACONTANE

R.T.: 21.873 min
Delta R.T.: -0.007 min
Response: 1815460
Conc: 19.66 ug/ml