Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062923\
Data File : FG012316.D
Signal(s) : FID1A.ch
Acq On : 29 Jun 2023 14:35
Operator : YP\AJ
Sample : 03428-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 30 01:51:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062423.M
Quant Title :
QLast Update : Sun Jun 25 02:22:04 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...	14.986	1463268	11.038	ug/ml
	Target Compounds				
1)	N-OCTANE	2.020	2123975	15.148	ug/ml
2)	N-DECANE	4.526	2729393	18.055	ug/ml
3)	N-DODECANE	6.695	2798679	18.035	ug/ml
4)	N-TETRADECANE	8.524	2677032	17.633	ug/ml
5)	N-HEXADECANE	10.132	2878689	18.060	ug/ml
6)	N-OCTADECANE	11.576	2967947	18.503	ug/ml
7)	N-EICOSANE	12.887	2855391	17.975	ug/ml
8)	N-DOCOSANE	14.087	2808783	18.496	ug/ml
10)	N-TETRACOSANE	15.191	2889458	18.239	ug/ml
11)	N-HEXACOSANE	16.214	2648181	18.457	ug/ml
12)	N-OCTACOSANE	17.165	2784287	19.709	ug/ml
13)	N-TRIACONTANE	18.054	2825870	19.832	ug/ml
14)	N-DOTRIACONTANE	18.889	3168415	22.459	ug/ml
15)	N-TETRATRIACONTANE	19.676	3978168	29.277	ug/ml
16)	N-HEXATRIACONTANE	20.418	4679732	34.930	ug/ml
17)	N-OCTATRIACONTANE	21.156	5141463	36.868	ug/ml
18)	N-TETRACONTANE	22.070	5091295	35.043	ug/ml

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

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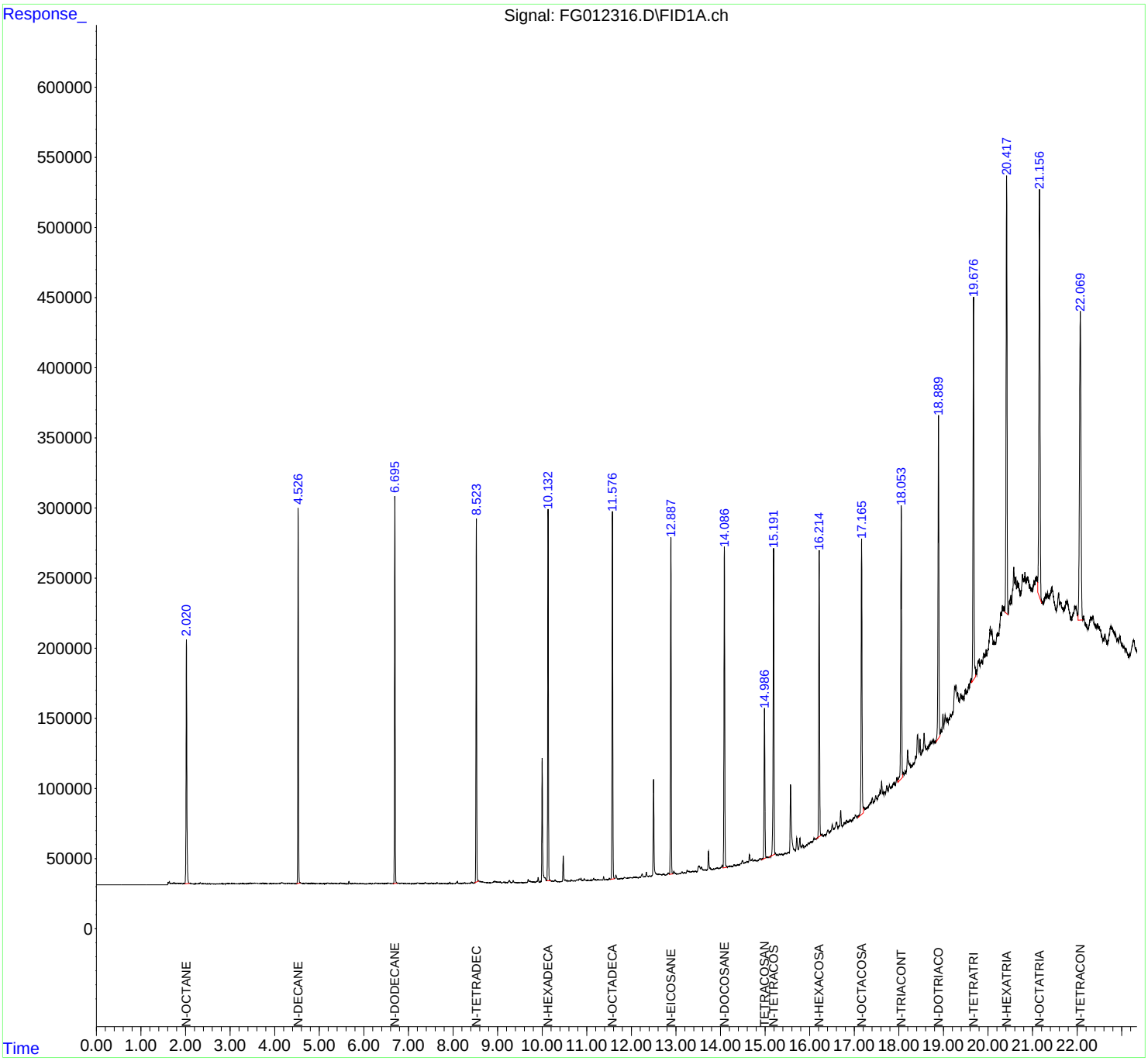
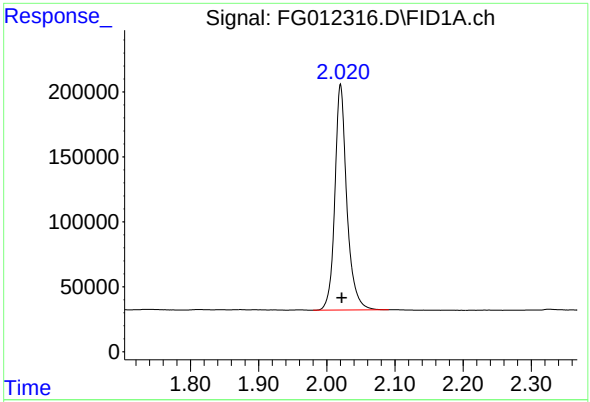
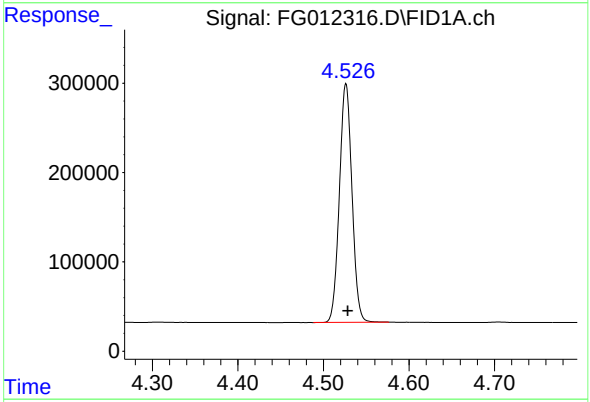




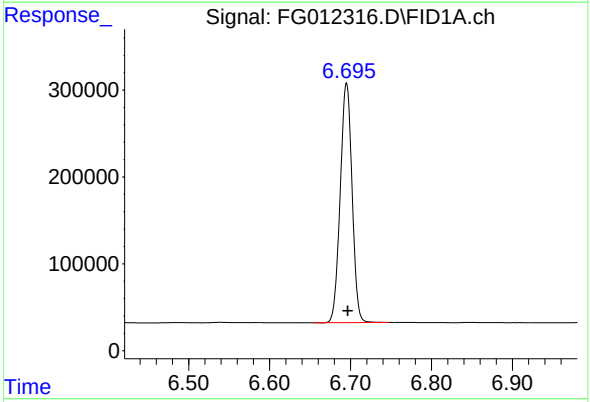
#1 N-OCTANE

R.T.: 2.020 min
Delta R.T.: -0.002 min
Response: 2123975
Conc: 15.15 ug/ml



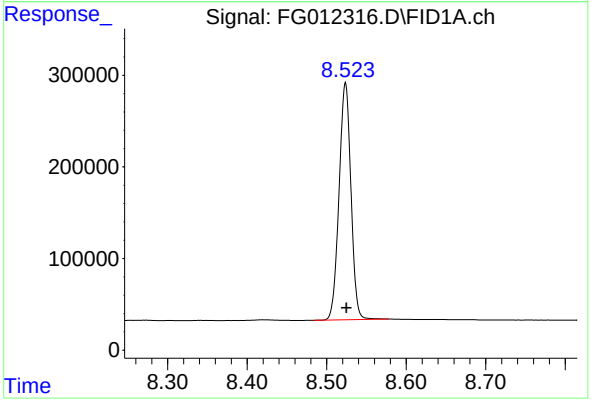
#2 N-DECANE

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 2729393
Conc: 18.06 ug/ml



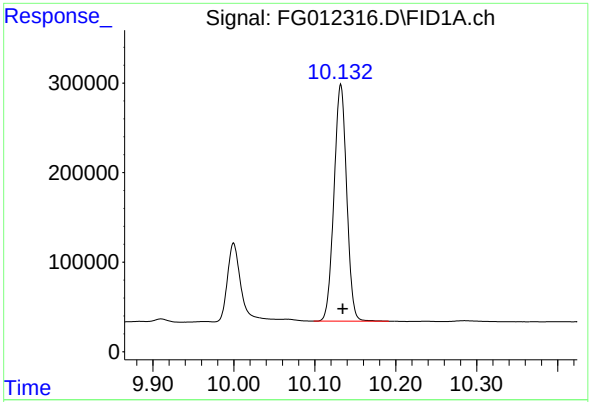
#3 N-DODECANE

R.T.: 6.695 min
Delta R.T.: -0.002 min
Response: 2798679
Conc: 18.04 ug/ml



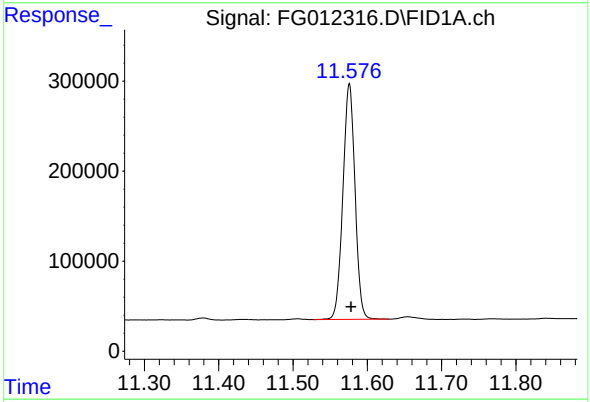
#4 N-TETRADECANE

R.T.: 8.524 min
Delta R.T.: -0.001 min
Response: 2677032
Conc: 17.63 ug/ml



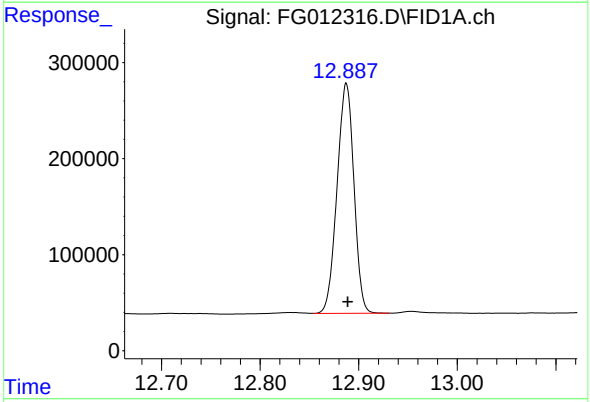
#5 N-HEXADECANE

R.T.: 10.132 min
Delta R.T.: -0.002 min
Response: 2878689
Conc: 18.06 ug/ml



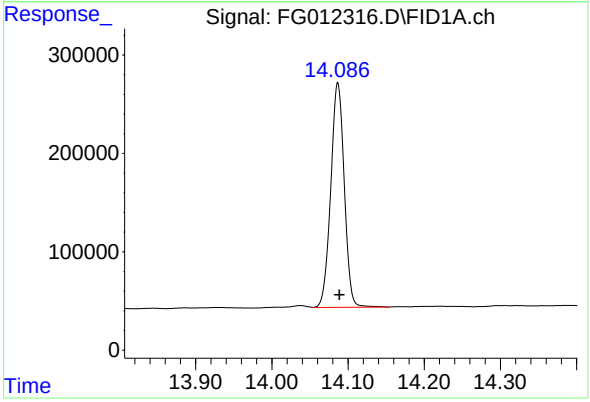
#6 N-OCTADECANE

R.T.: 11.576 min
Delta R.T.: -0.002 min
Response: 2967947
Conc: 18.50 ug/ml



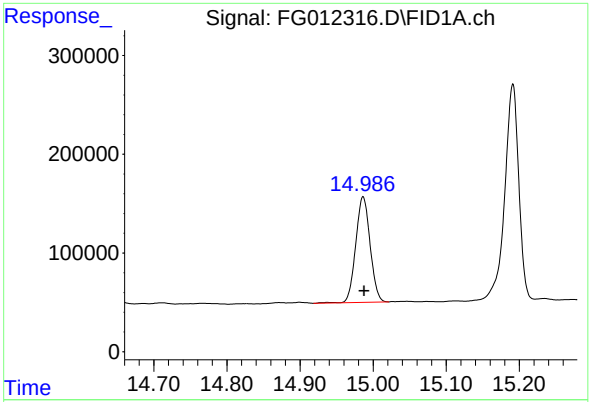
#7 N-EICOSANE

R.T.: 12.887 min
Delta R.T.: -0.001 min
Response: 2855391
Conc: 17.98 ug/ml



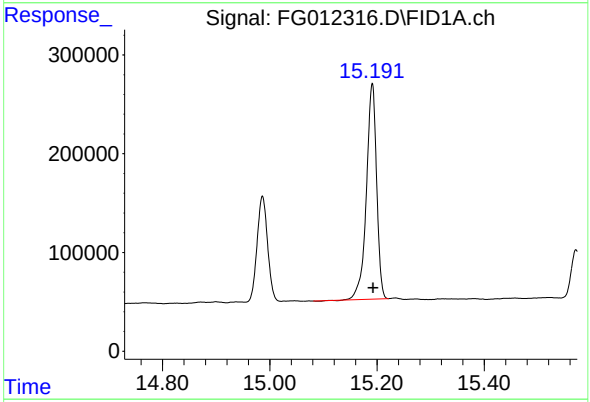
#8 N-DOCOSANE

R.T.: 14.087 min
Delta R.T.: -0.002 min
Response: 2808783
Conc: 18.50 ug/ml



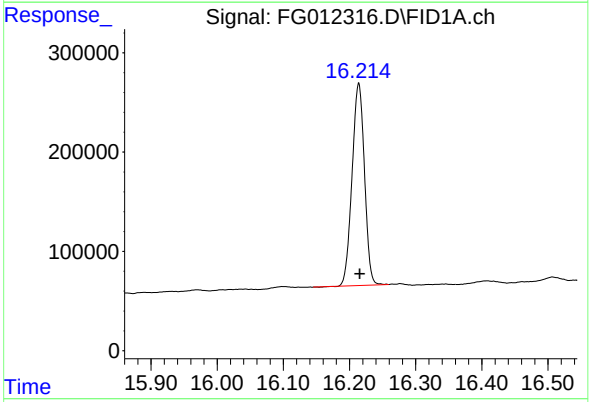
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.986 min
Delta R.T.: -0.002 min
Response: 1463268
Conc: 11.04 ug/ml



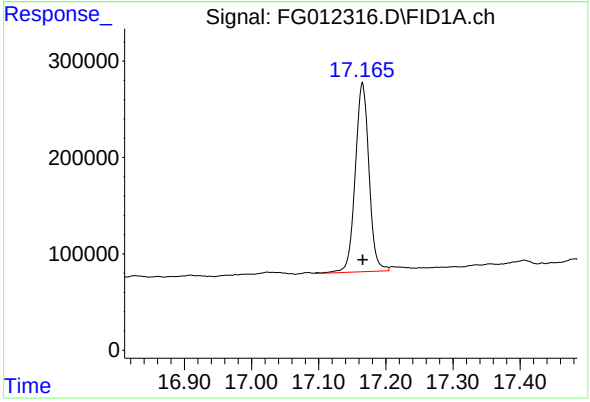
#10 N-TETRACOSANE

R.T.: 15.191 min
Delta R.T.: -0.002 min
Response: 2889458
Conc: 18.24 ug/ml



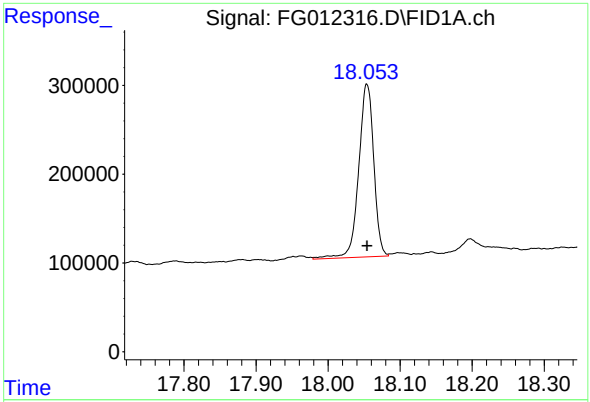
#11 N-HEXACOSANE

R.T.: 16.214 min
Delta R.T.: -0.002 min
Response: 2648181
Conc: 18.46 ug/ml



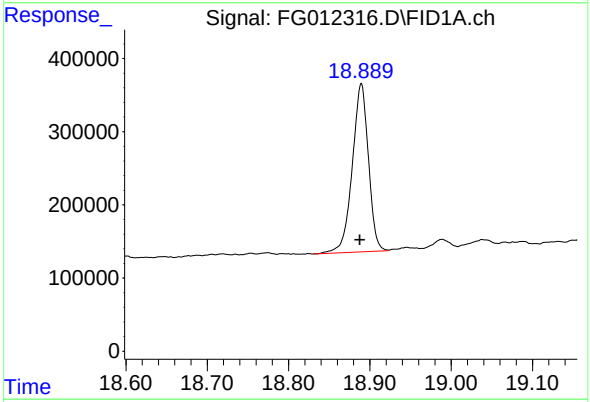
#12 N-OCTACOSANE

R.T.: 17.165 min
Delta R.T.: 0.000 min
Response: 2784287
Conc: 19.71 ug/ml



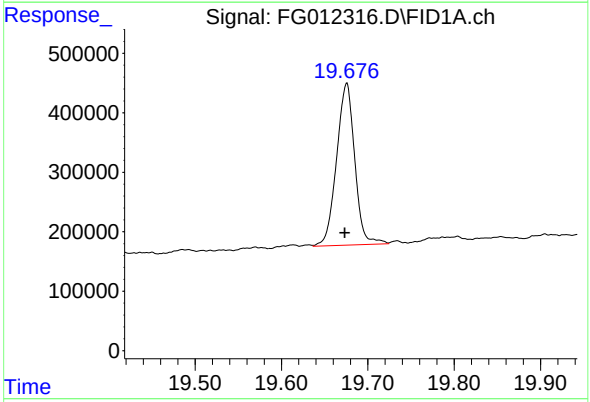
#13 N-TRIACONTANE

R.T.: 18.054 min
Delta R.T.: 0.000 min
Response: 2825870
Conc: 19.83 ug/ml



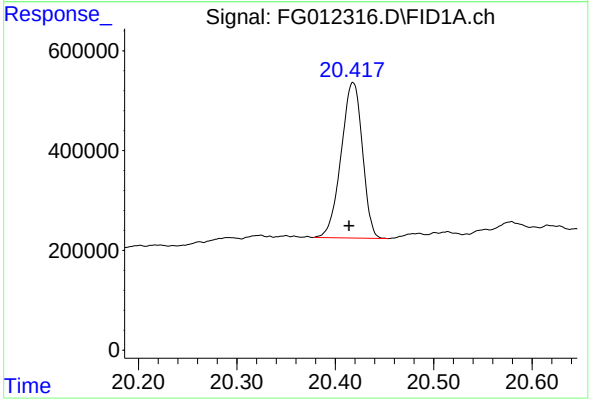
#14 N-DOTRIACONTANE

R.T.: 18.889 min
Delta R.T.: 0.002 min
Response: 3168415
Conc: 22.46 ug/ml



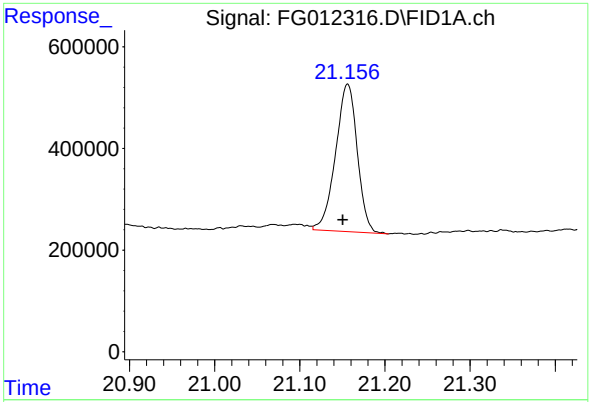
#15 N-TETRATRIACONTANE

R.T.: 19.676 min
Delta R.T.: 0.002 min
Response: 3978168
Conc: 29.28 ug/ml



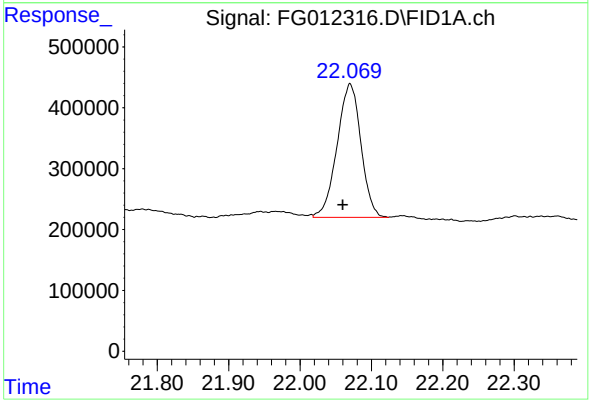
#16 N-HEXATRIACONTANE

R.T.: 20.418 min
Delta R.T.: 0.004 min
Response: 4679732
Conc: 34.93 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.156 min
Delta R.T.: 0.006 min
Response: 5141463
Conc: 36.87 ug/ml



#18 N-TETRACONTANE

R.T.: 22.070 min
Delta R.T.: 0.010 min
Response: 5091295
Conc: 35.04 ug/ml