Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032023\
Data File : FG011619.D
Signal(s) : FID1A.ch
Acq On : 20 Mar 2023 09:59
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Mar 21 04:15:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
Quant Title :
QLast Update : Wed Mar 15 18:43:49 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...	15.054	5095490	50.624 ug/ml
	Target Compounds			
1)	N-OCTANE	2.064	5429914	46.138 ug/ml
2)	N-DECANE	4.581	5792235	47.927 ug/ml
3)	N-DODECANE	6.751	5902081	48.368 ug/ml
4)	N-TETRADECANE	8.582	5939391	48.808 ug/ml
5)	N-HEXADECANE	10.193	6050949	49.071 ug/ml
6)	N-OCTADECANE	11.639	6060589	49.621 ug/ml
7)	N-EICOSANE	12.952	6025212	50.144 ug/ml
8)	N-DOCOSANE	14.154	5803341	50.591 ug/ml
10)	N-TETRACOSANE	15.259	5791304	51.269 ug/ml
11)	N-HEXACOSANE	16.282	5547964	51.374 ug/ml
12)	N-OCTACOSANE	17.234	5337388	51.473 ug/ml
13)	N-TRIACONTANE	18.123	5114061	51.605 ug/ml
14)	N-DOTRIACONTANE	18.957	4826387	52.039 ug/ml
15)	N-TETRATRIACONTANE	19.743	4553880	54.016 ug/ml
16)	N-HEXATRIACONTANE	20.486	4558808	59.217 ug/ml
17)	N-OCTATRIACONTANE	21.239	4817144	63.982 ug/ml
18)	N-TETRACONTANE	22.180	4987246	67.952 ug/ml

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

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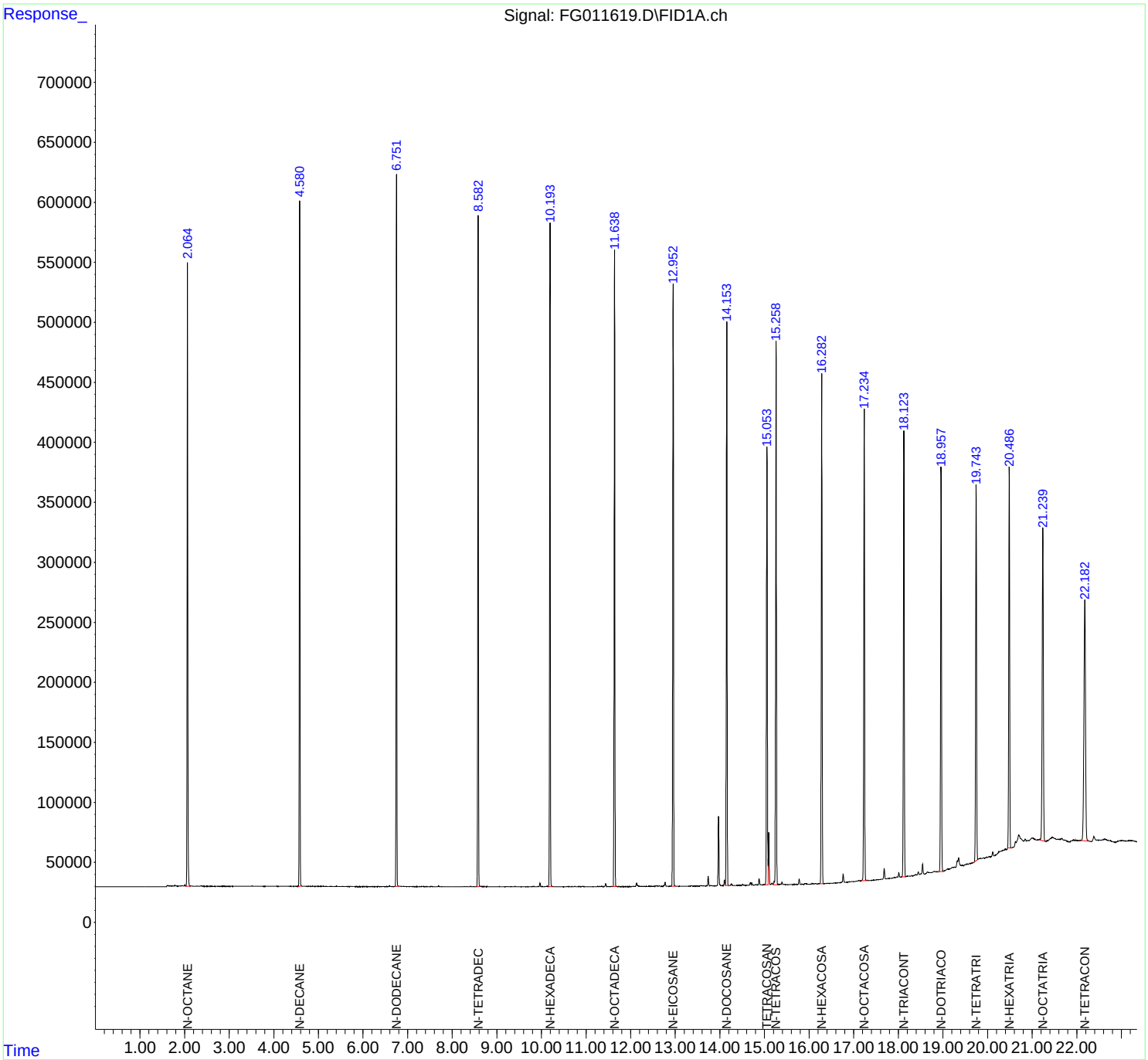
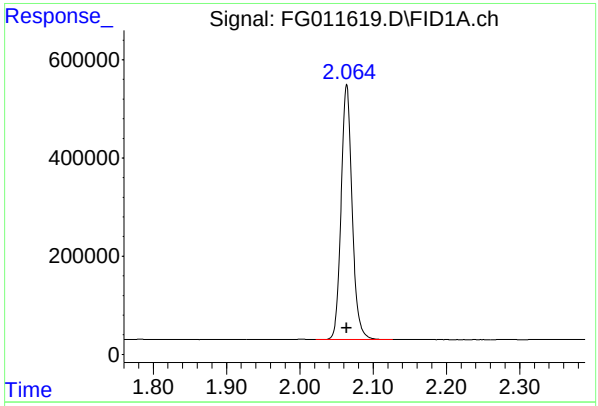
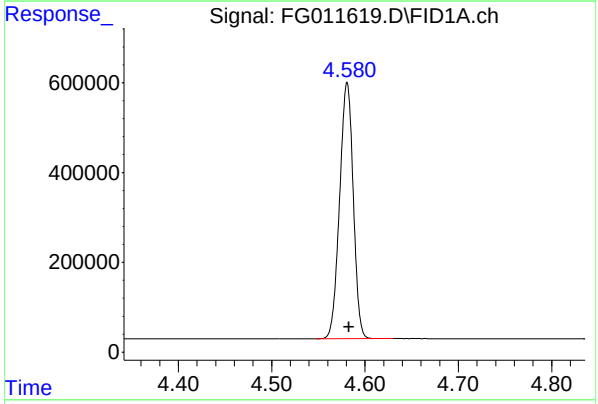




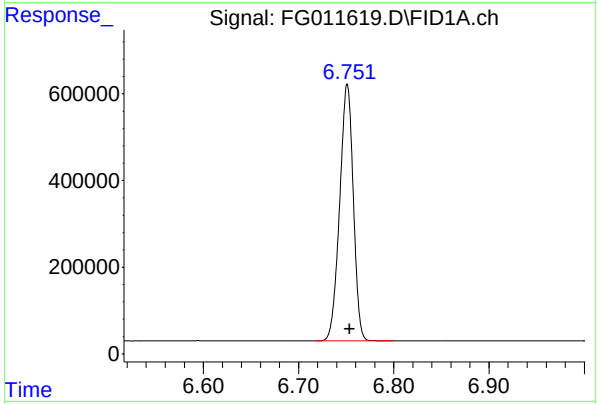
#1 N-OCTANE

R.T.: 2.064 min
Delta R.T.: 0.000 min
Response: 5429914
Conc: 46.14 ug/ml



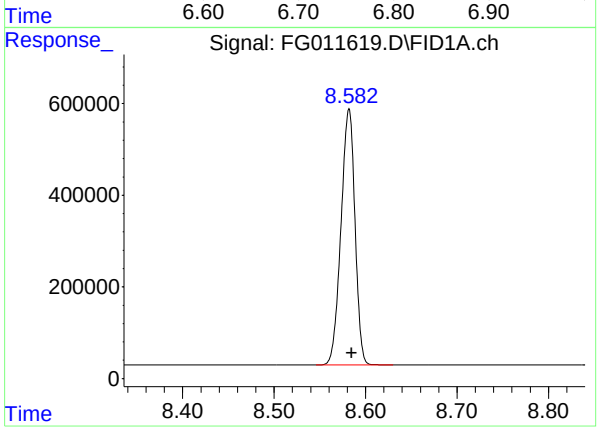
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 5792235
Conc: 47.93 ug/ml



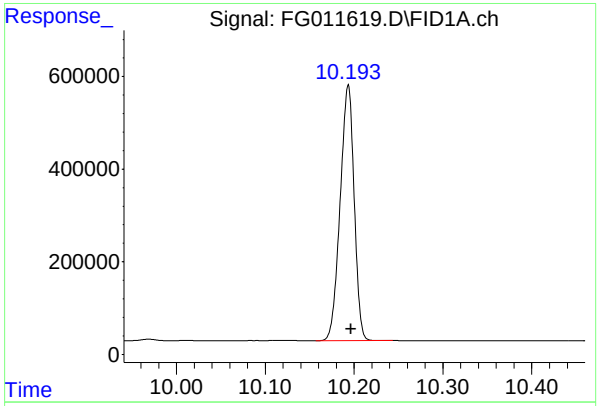
#3 N-DODECANE

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 5902081
Conc: 48.37 ug/ml



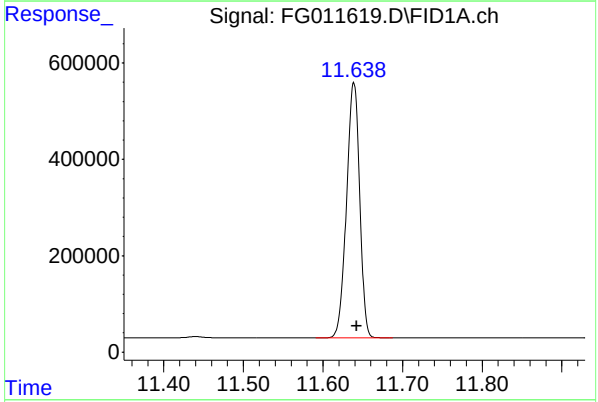
#4 N-TETRADECANE

R.T.: 8.582 min
Delta R.T.: -0.003 min
Response: 5939391
Conc: 48.81 ug/ml



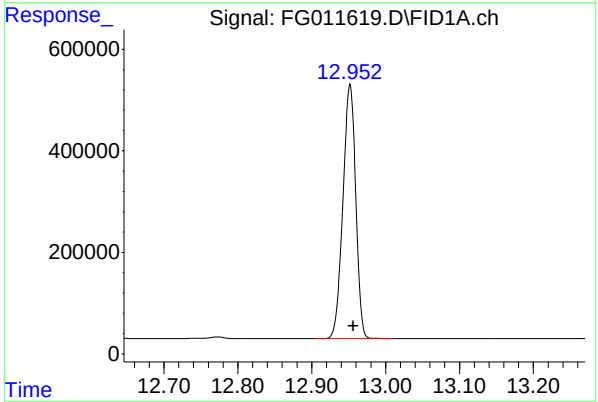
#5 N-HEXADECANE

R.T.: 10.193 min
Delta R.T.: -0.003 min
Response: 6050949
Conc: 49.07 ug/ml



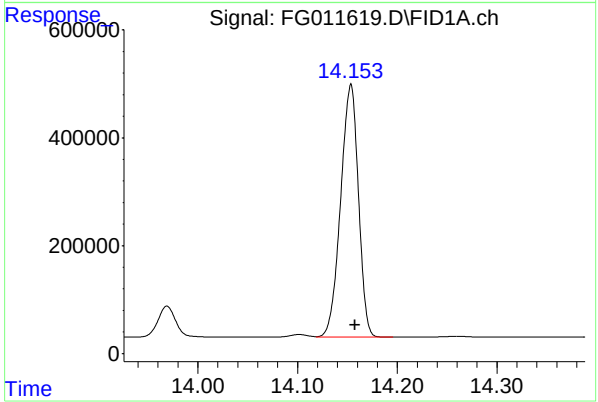
#6 N-OCTADECANE

R.T.: 11.639 min
Delta R.T.: -0.004 min
Response: 6060589
Conc: 49.62 ug/ml



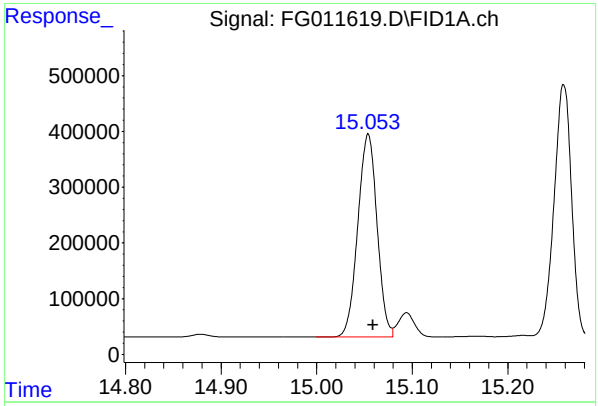
#7 N-EICOSANE

R.T.: 12.952 min
Delta R.T.: -0.004 min
Response: 6025212
Conc: 50.14 ug/ml



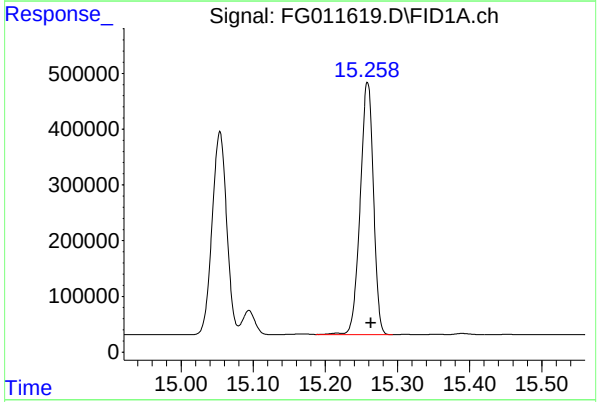
#8 N-DOCOSANE

R.T.: 14.154 min
Delta R.T.: -0.004 min
Response: 5803341
Conc: 50.59 ug/ml



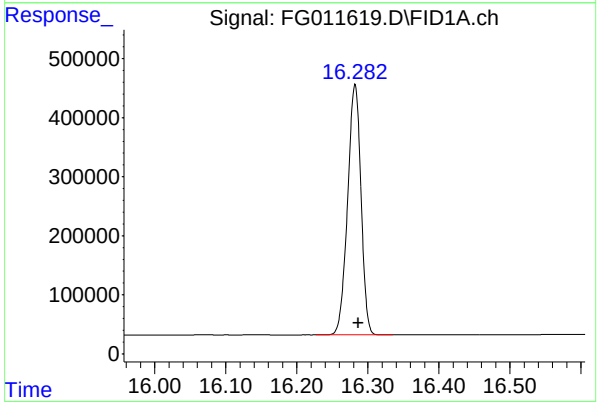
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.054 min
Delta R.T.: -0.005 min
Response: 5095490
Conc: 50.62 ug/ml



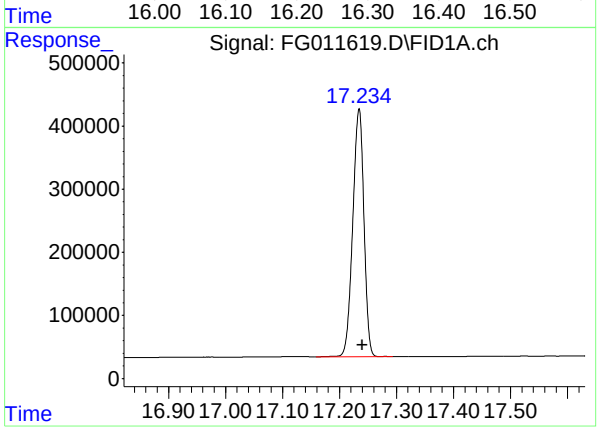
#10 N-TETRACOSANE

R.T.: 15.259 min
Delta R.T.: -0.005 min
Response: 5791304
Conc: 51.27 ug/ml



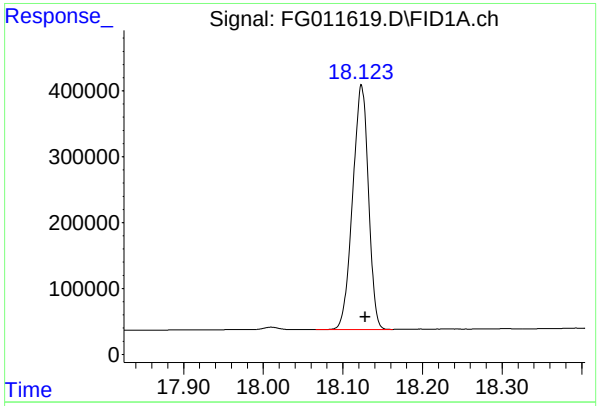
#11 N-HEXACOSANE

R.T.: 16.282 min
Delta R.T.: -0.004 min
Response: 5547964
Conc: 51.37 ug/ml



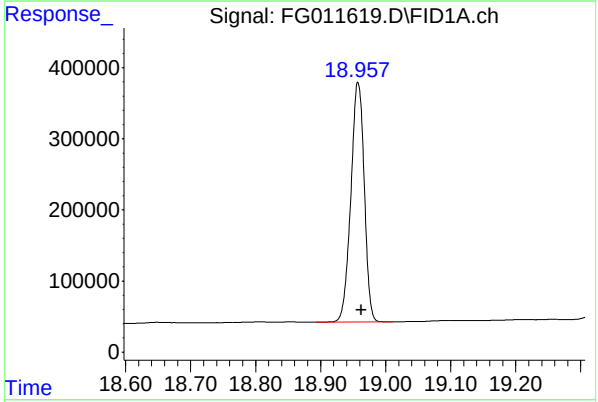
#12 N-OCTACOSANE

R.T.: 17.234 min
Delta R.T.: -0.005 min
Response: 5337388
Conc: 51.47 ug/ml



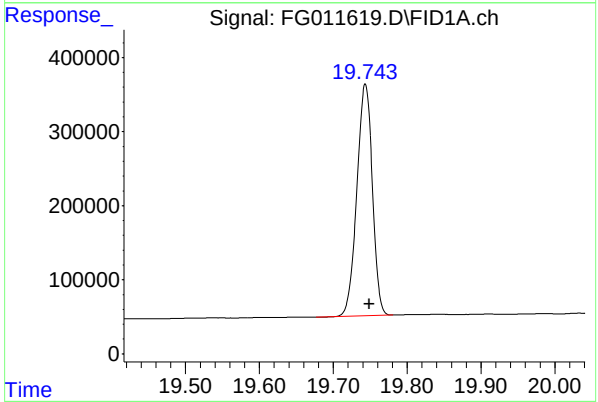
#13 N-TRIACONTANE

R.T.: 18.123 min
Delta R.T.: -0.005 min
Response: 5114061
Conc: 51.61 ug/ml



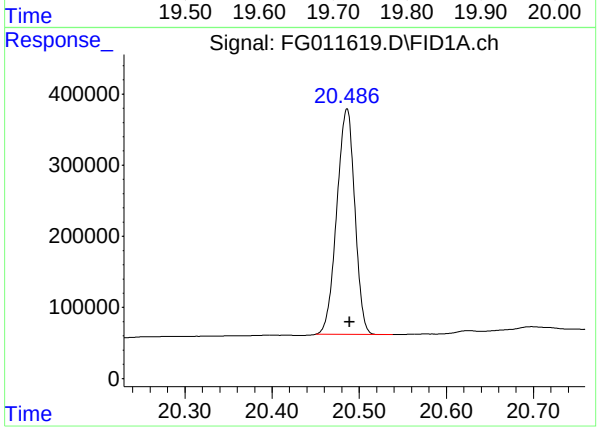
#14 N-DOTRIACONTANE

R.T.: 18.957 min
Delta R.T.: -0.005 min
Response: 4826387
Conc: 52.04 ug/ml



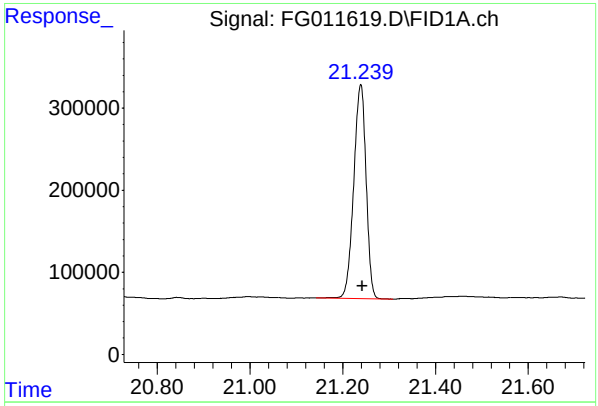
#15 N-TETRATRIACONTANE

R.T.: 19.743 min
Delta R.T.: -0.005 min
Response: 4553880
Conc: 54.02 ug/ml



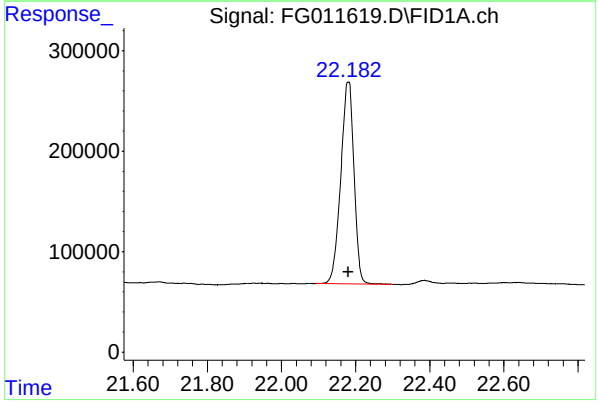
#16 N-HEXATRIACONTANE

R.T.: 20.486 min
Delta R.T.: -0.003 min
Response: 4558808
Conc: 59.22 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.239 min
Delta R.T.: -0.003 min
Response: 4817144
Conc: 63.98 ug/ml



#18 N-TETRACONTANE

R.T.: 22.180 min
Delta R.T.: 0.000 min
Response: 4987246
Conc: 67.95 ug/ml