Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042922\
Data File : FG009698.D
Signal(s) : FID1A.ch
Acq On : 28 Apr 2022 22:53
Operator : AJ\MA
Sample : 10 TRPH STD
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Apr 29 08:29:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042922.M
Quant Title :
QLast Update : Fri Apr 29 04:51:40 2022
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...	14.619	1290989	10.197 ug/ml
	Target Compounds			
1)	N-OCTANE	2.222	1325642	10.140 ug/ml
2)	N-DECANE	4.315	998363	9.099 ug/ml
3)	N-DODECANE	6.342	1265746	12.631 ug/mlm
4)	N-TETRADECANE	8.144	1327075	11.273 ug/mlm
5)	N-HEXADECANE	9.754	1404531	10.180 ug/ml
6)	N-OCTADECANE	11.202	1449109	10.144 ug/ml
7)	N-EICOSANE	12.515	1422829	10.111 ug/ml
8)	N-DOCOSANE	13.718	1428260	10.157 ug/ml
10)	N-TETRACOSANE	14.826	1434534	10.149 ug/ml
11)	N-HEXACOSANE	15.851	1439327	10.212 ug/ml
12)	N-OCTACOSANE	16.804	1453228	10.318 ug/ml
13)	N-TRIACONTANE	17.695	1435544	10.337 ug/ml
14)	N-DOTRIACONTANE	18.530	1389452	10.390 ug/ml
15)	N-TETRATRIACONTANE	19.320	1271030	10.388 ug/ml
16)	N-HEXATRIACONTANE	20.061	1130729	10.398 ug/ml
17)	N-OCTATRIACONTANE	20.802	978182	10.419 ug/ml
18)	N-TETRACONTANE	21.711	918317	10.304 ug/ml

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

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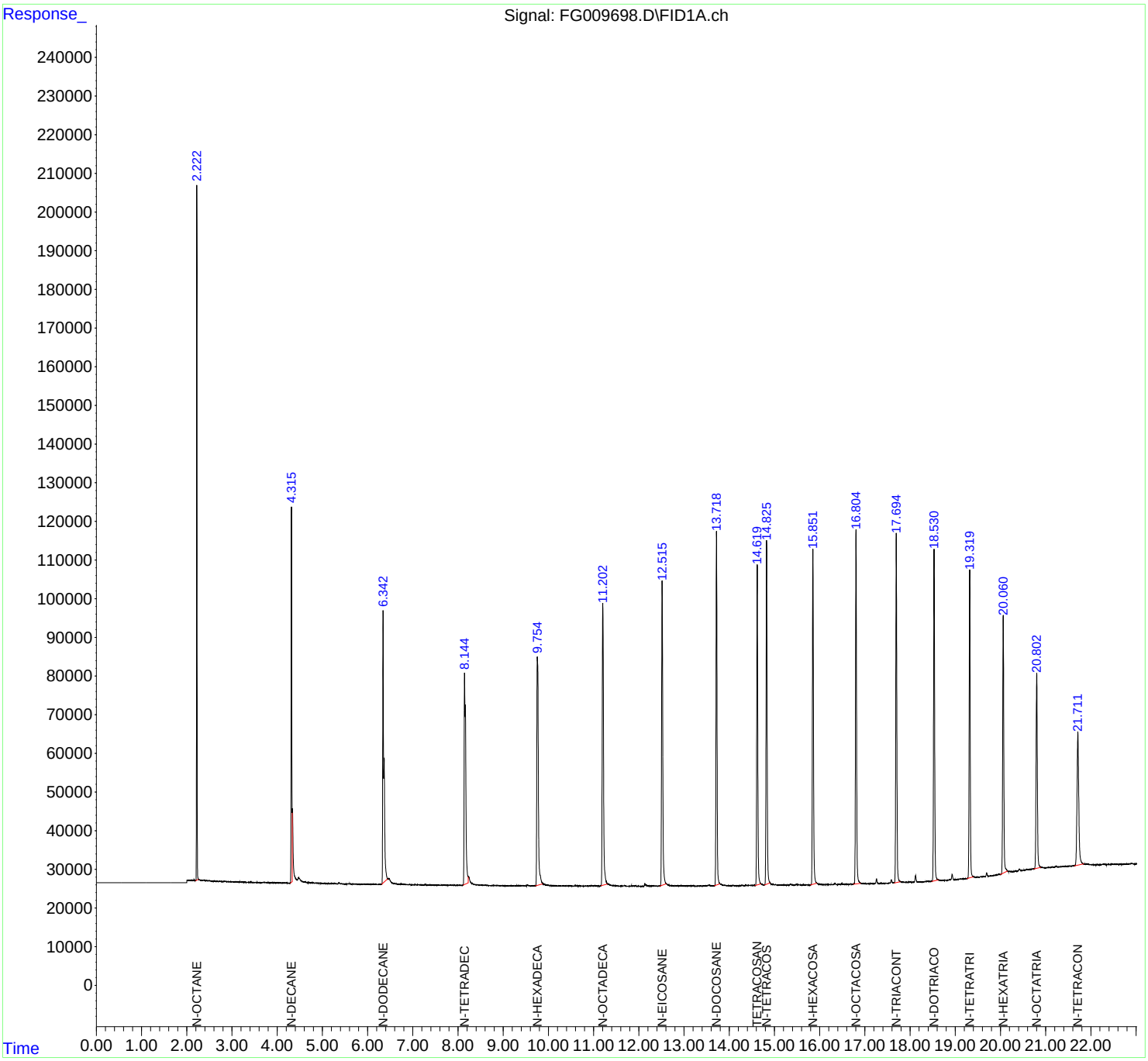
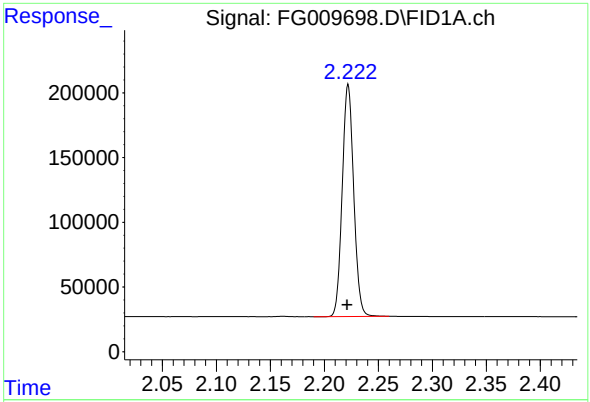
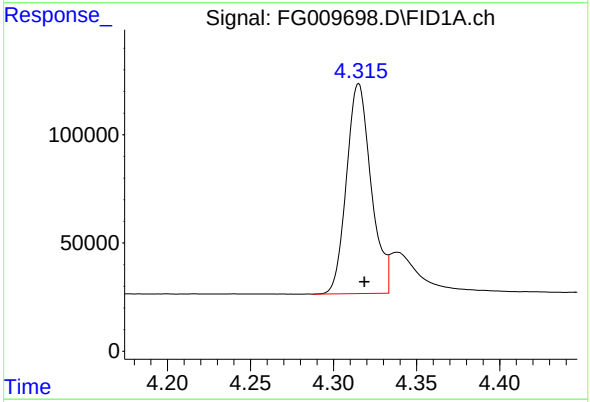
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





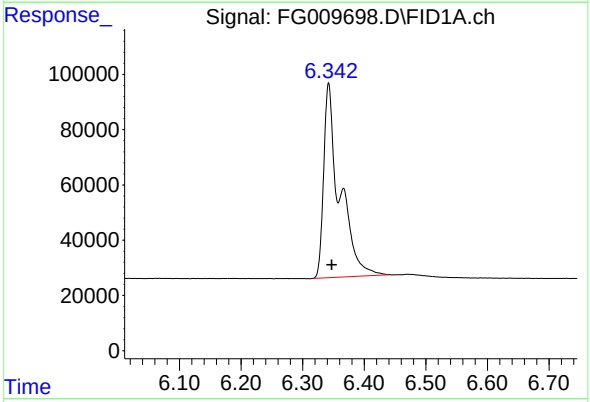
#1 N-OCTANE

R.T.: 2.222 min
Delta R.T.: 0.001 min
Response: 1325642
Conc: 10.14 ug/ml



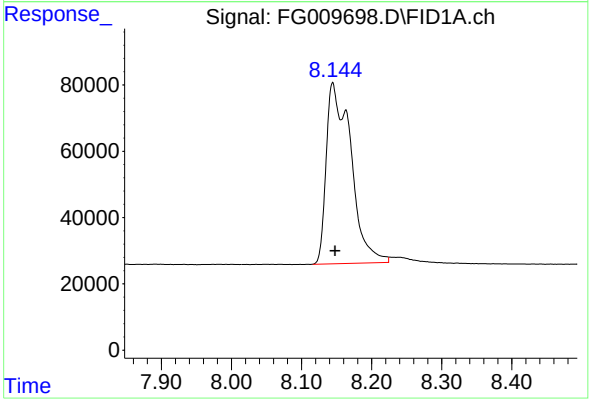
#2 N-DECANE

R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 998363
Conc: 9.10 ug/ml



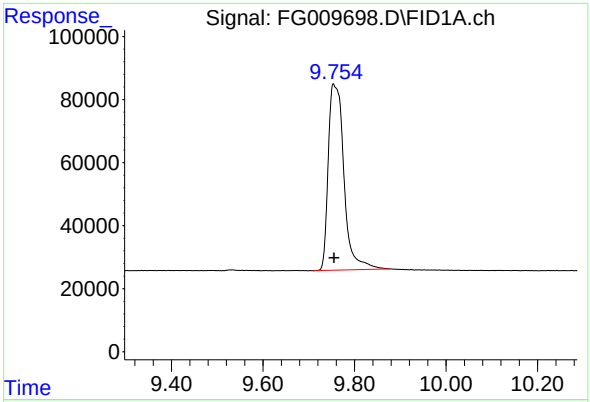
#3 N-DODECANE

R.T.: 6.342 min
Delta R.T.: -0.006 min
Response: 1265746
Conc: 12.63 ug/ml m



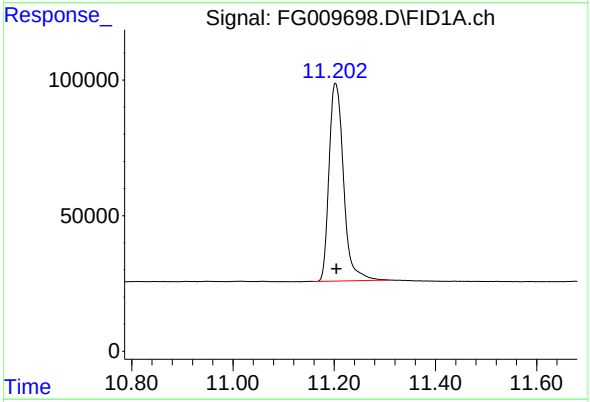
#4 N-TETRADECANE

R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 1327075
Conc: 11.27 ug/ml m



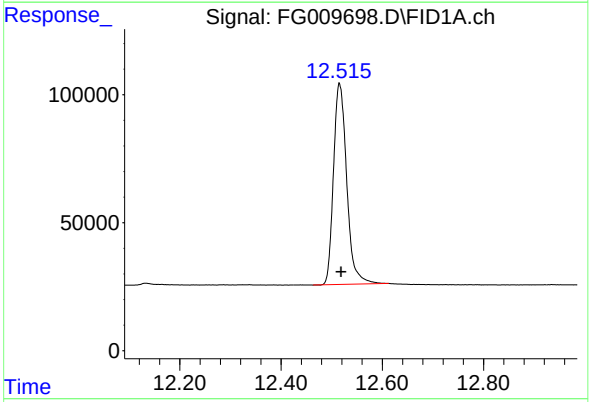
#5 N-HEXADECANE

R.T.: 9.754 min
Delta R.T.: -0.002 min
Response: 1404531
Conc: 10.18 ug/ml



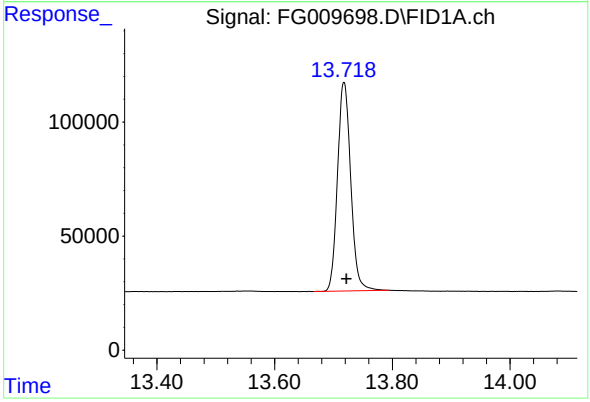
#6 N-OCTADECANE

R.T.: 11.202 min
Delta R.T.: -0.002 min
Response: 1449109
Conc: 10.14 ug/ml



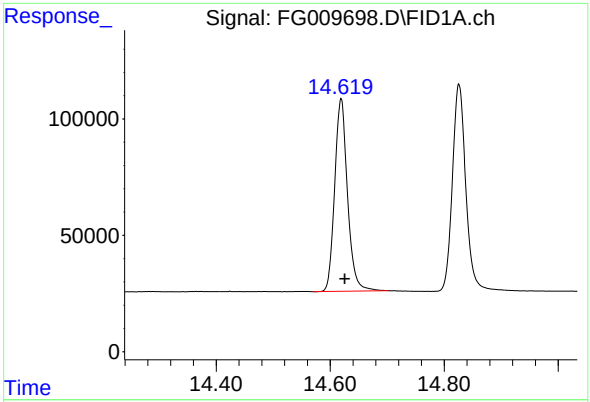
#7 N-EICOSANE

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 1422829
Conc: 10.11 ug/ml



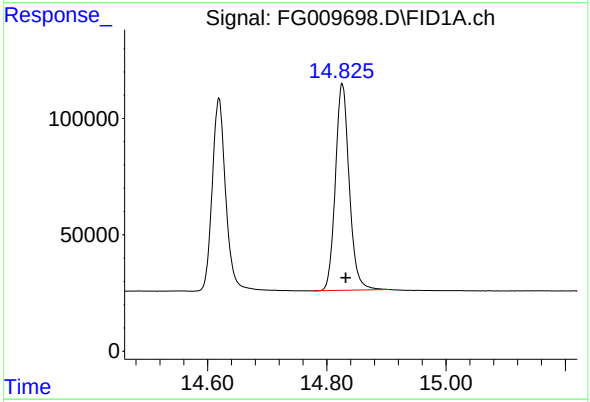
#8 N-DOCOSANE

R.T.: 13.718 min
Delta R.T.: -0.004 min
Response: 1428260
Conc: 10.16 ug/ml



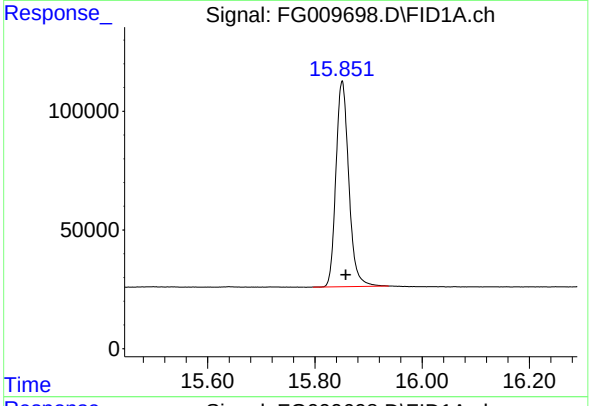
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.619 min
Delta R.T.: -0.006 min
Response: 1290989
Conc: 10.20 ug/ml



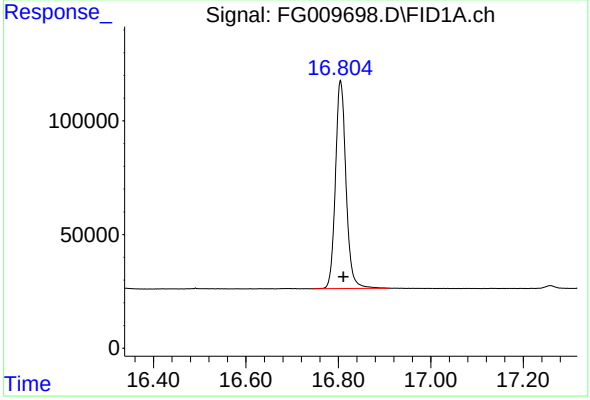
#10 N-TETRACOSANE

R.T.: 14.826 min
Delta R.T.: -0.006 min
Response: 1434534
Conc: 10.15 ug/ml



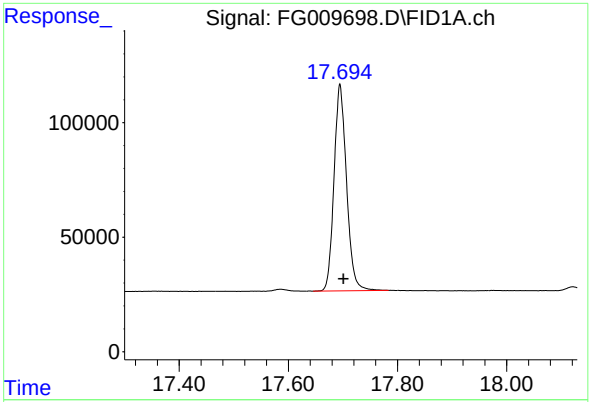
#11 N-HEXACOSANE

R.T.: 15.851 min
Delta R.T.: -0.006 min
Response: 1439327
Conc: 10.21 ug/ml



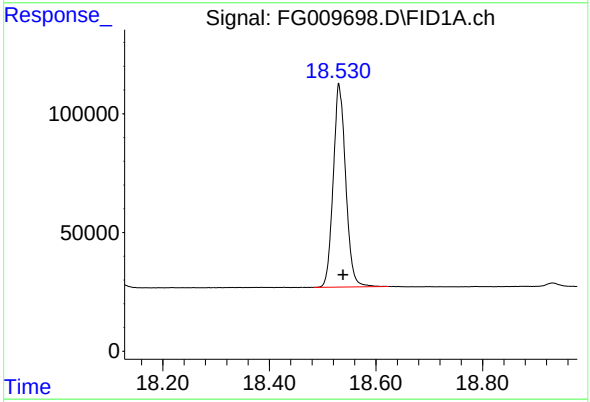
#12 N-OCTACOSANE

R.T.: 16.804 min
Delta R.T.: -0.007 min
Response: 1453228
Conc: 10.32 ug/ml



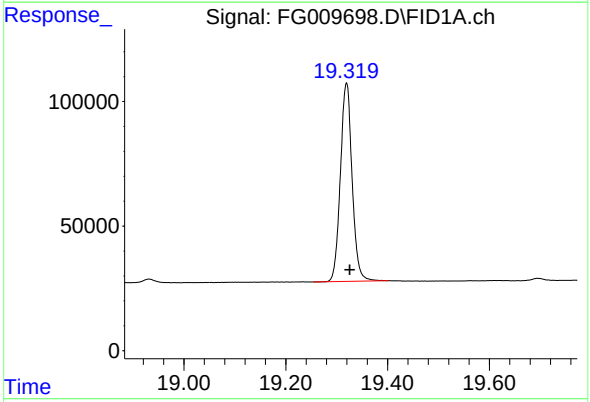
#13 N-TRIACONTANE

R.T.: 17.695 min
Delta R.T.: -0.007 min
Response: 1435544
Conc: 10.34 ug/ml



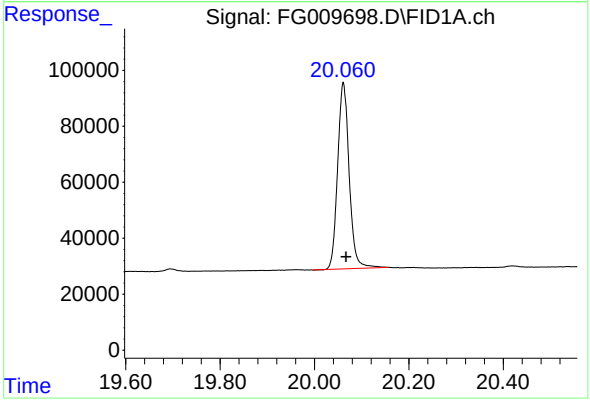
#14 N-DOTRIACONTANE

R.T.: 18.530 min
Delta R.T.: -0.008 min
Response: 1389452
Conc: 10.39 ug/ml



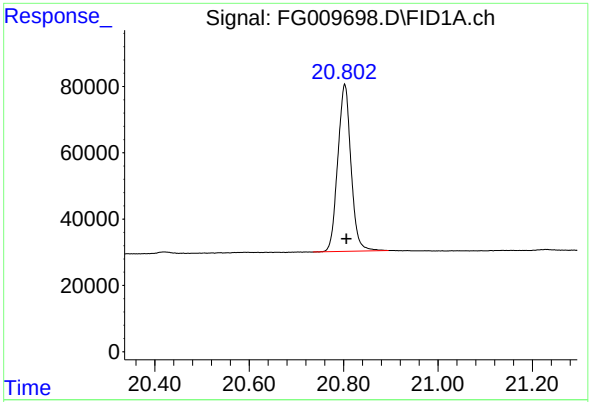
#15 N-TETRATRIACONTANE

R.T.: 19.320 min
Delta R.T.: -0.006 min
Response: 1271030
Conc: 10.39 ug/ml



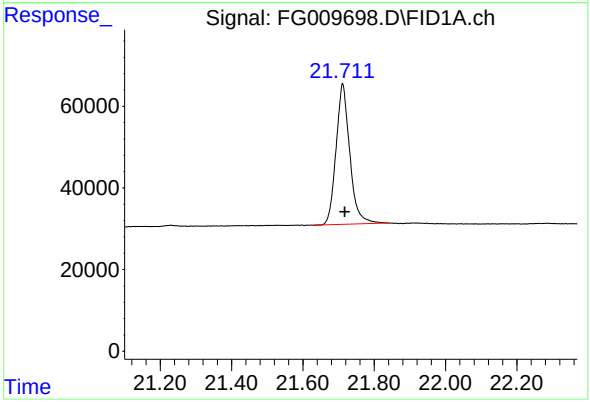
#16 N-HEXATRIACONTANE

R.T.: 20.061 min
Delta R.T.: -0.006 min
Response: 1130729
Conc: 10.40 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.802 min
Delta R.T.: -0.004 min
Response: 978182
Conc: 10.42 ug/ml



#18 N-TETRACONTANE

R.T.: 21.711 min
Delta R.T.: -0.006 min
Response: 918317
Conc: 10.30 ug/ml