Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073123\
Data File : FG012593.D
Signal(s) : FID1A.ch
Acq On : 31 Jul 2023 17:46
Operator : YP\AJ
Sample : 03810-10MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :

Integration File: autoint1.e
Quant Time: Aug 01 01:24:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
Quant Title :
QLast Update : Thu Jul 06 13:57:02 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...	15.008	168839	1.580 ug/ml
	Target Compounds			
1)	N-OCTANE	1.999	1594637	13.272 ug/ml
2)	N-DECANE	4.510	2412409	19.792 ug/ml
3)	N-DODECANE	6.680	2582605	21.081 ug/ml
4)	N-TETRADECANE	8.509	2579073	21.703 ug/ml
5)	N-HEXADECANE	10.117	2767356	22.070 ug/ml
6)	N-OCTADECANE	11.561	2834250	22.063 ug/ml
7)	N-EICOSANE	12.873	3760525	29.771 ug/ml
8)	N-DOCOSANE	14.105	982394	7.995 ug/ml
10)	N-TETRACOSANE	15.222	158554	1.198 ug/ml
11)	N-HEXACOSANE	16.199	2574658	22.001 ug/ml
12)	N-OCTACOSANE	17.151	3007830	26.344 ug/ml
13)	N-TRIACONTANE	18.041	2832950	25.547 ug/ml
14)	N-DOTRIACONTANE	18.875	2987313	28.582 ug/ml
15)	N-TETRATRIACONTANE	19.658	2277541	23.131 ug/ml
16)	N-HEXATRIACONTANE	20.398	2124294	22.967 ug/ml
17)	N-OCTATRIACONTANE	21.132	1914226	21.467 ug/ml
18)	N-TETRACONTANE	22.035	1902953	21.435 ug/ml

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

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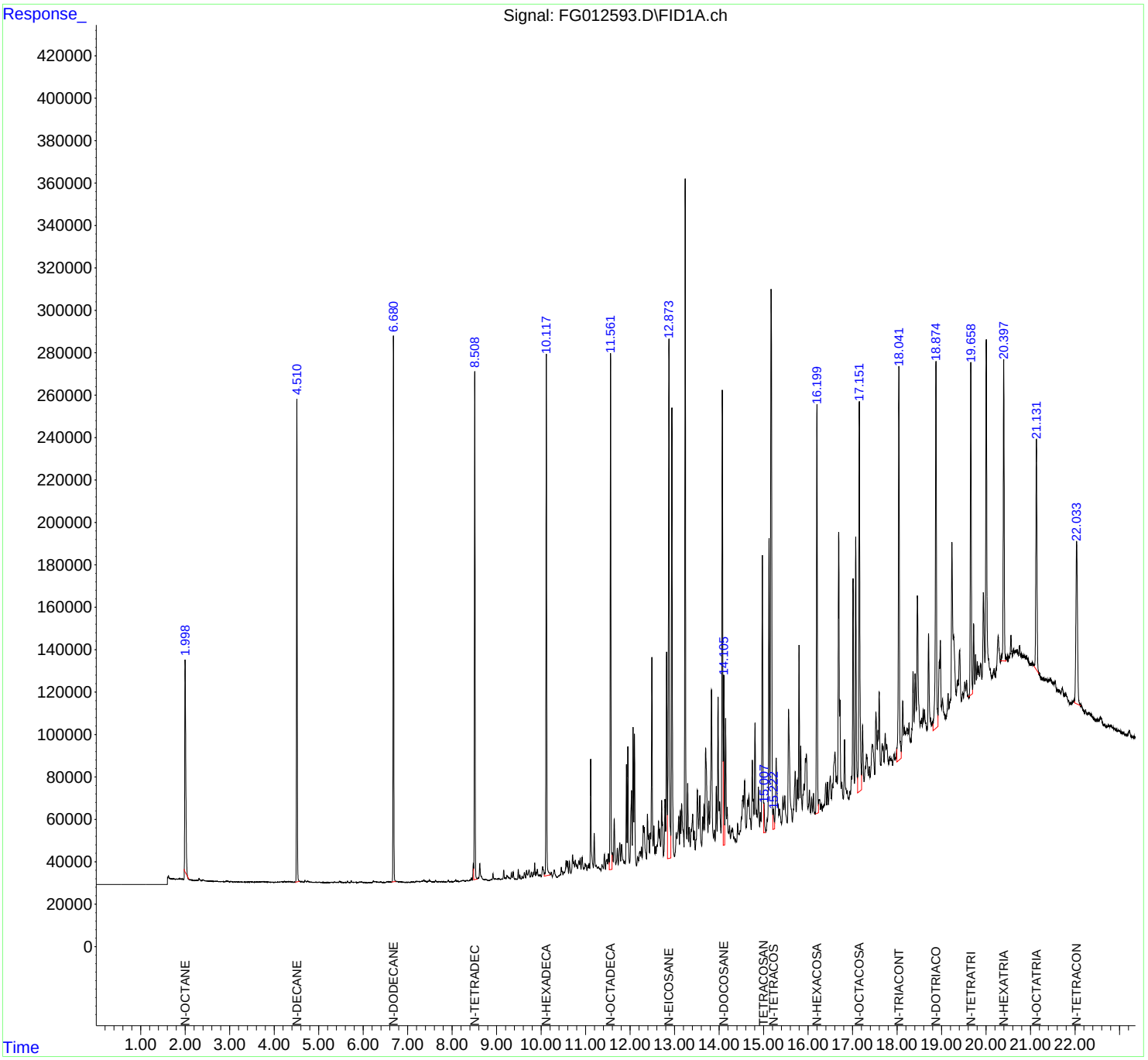
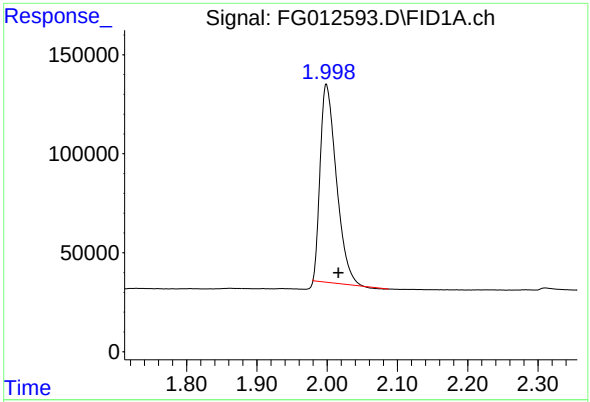
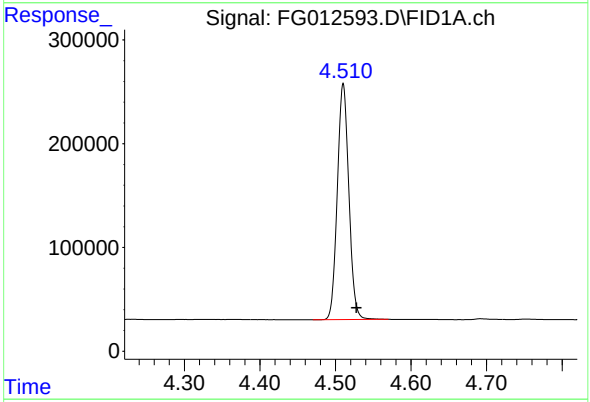




#1 N-OCTANE

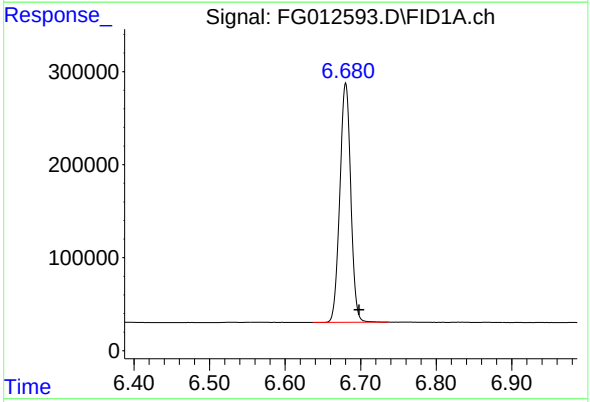
R.T.: 1.999 min
Delta R.T.: -0.017 min
Response: 1594637
Conc: 13.27 ug/ml

Instrument :
FID_G
ClientSampleId :



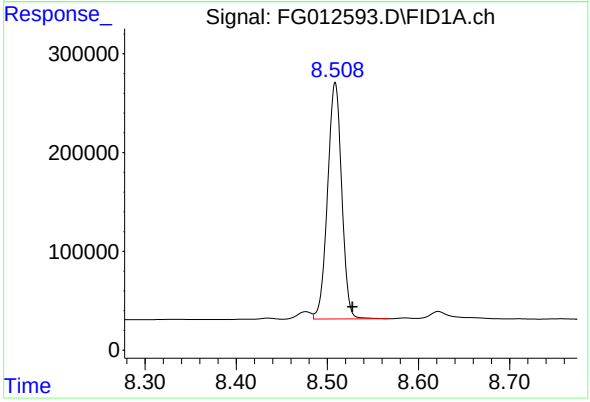
#2 N-DECANE

R.T.: 4.510 min
Delta R.T.: -0.017 min
Response: 2412409
Conc: 19.79 ug/ml



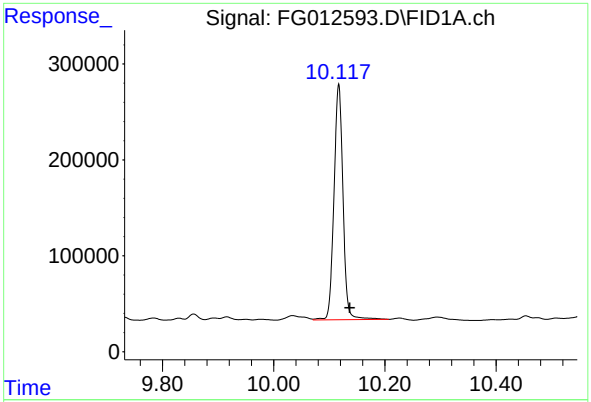
#3 N-DODECANE

R.T.: 6.680 min
Delta R.T.: -0.018 min
Response: 2582605
Conc: 21.08 ug/ml



#4 N-TETRADECANE

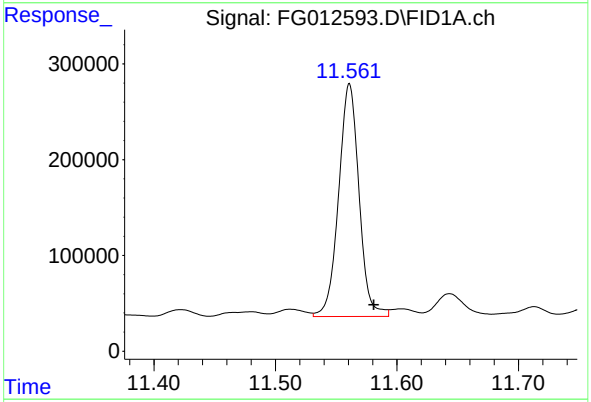
R.T.: 8.509 min
Delta R.T.: -0.019 min
Response: 2579073
Conc: 21.70 ug/ml



#5 N-HEXADECANE

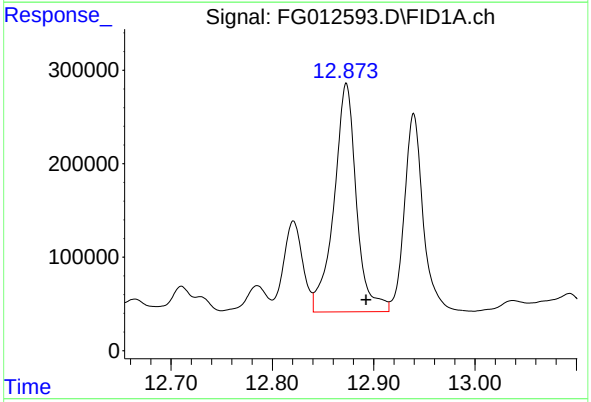
R.T.: 10.117 min
Delta R.T.: -0.020 min
Response: 2767356
Conc: 22.07 ug/ml

Instrument :
FID_G
ClientSampleId :



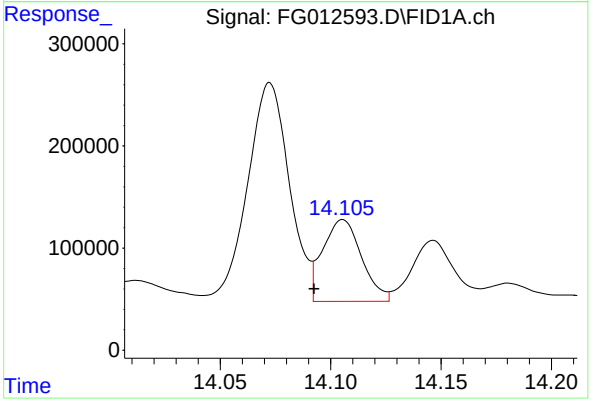
#6 N-OCTADECANE

R.T.: 11.561 min
Delta R.T.: -0.020 min
Response: 2834250
Conc: 22.06 ug/ml



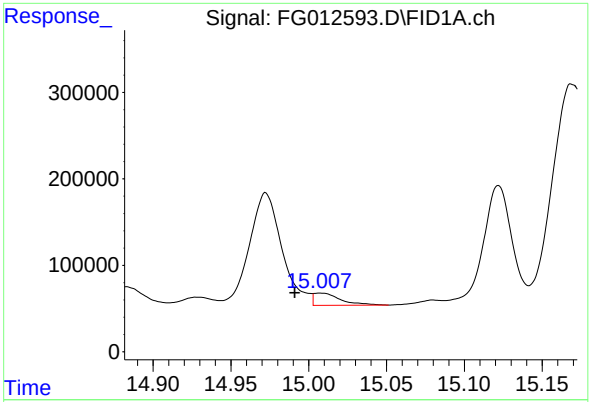
#7 N-EICOSANE

R.T.: 12.873 min
Delta R.T.: -0.020 min
Response: 3760525
Conc: 29.77 ug/ml



#8 N-DOCOSANE

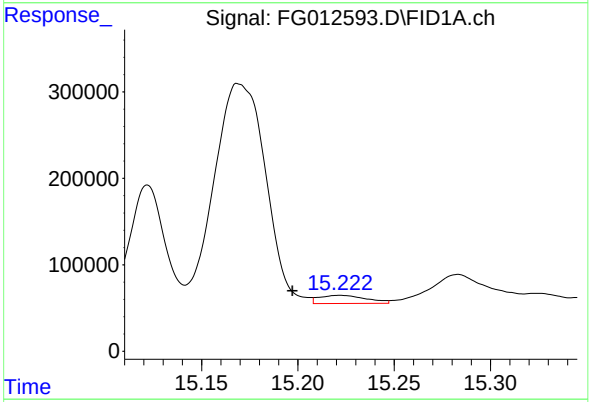
R.T.: 14.105 min
Delta R.T.: 0.013 min
Response: 982394
Conc: 8.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

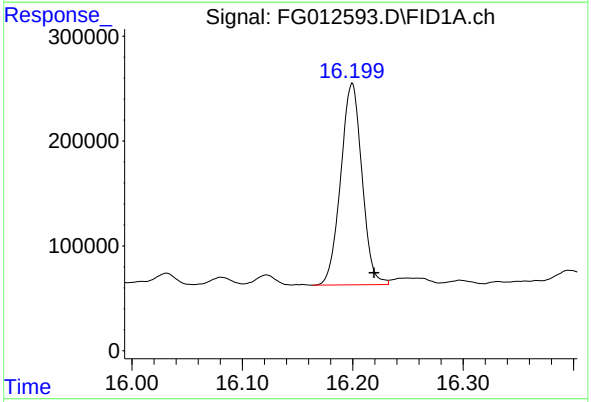
R.T.: 15.008 min
Delta R.T.: 0.016 min
Response: 168839
Conc: 1.58 ug/ml

Instrument :
FID_G
ClientSampleId :



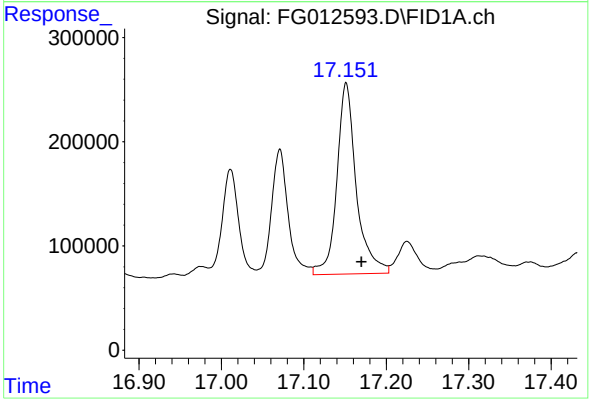
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: 0.025 min
Response: 158554
Conc: 1.20 ug/ml



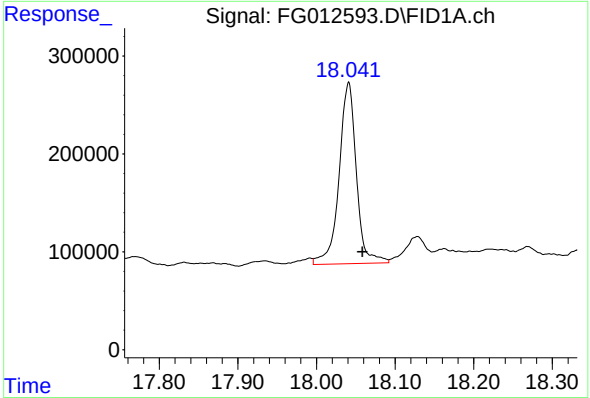
#11 N-HEXACOSANE

R.T.: 16.199 min
Delta R.T.: -0.020 min
Response: 2574658
Conc: 22.00 ug/ml



#12 N-OCTACOSANE

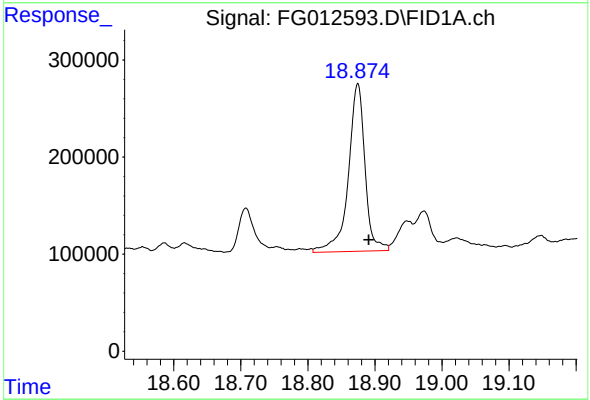
R.T.: 17.151 min
Delta R.T.: -0.019 min
Response: 3007830
Conc: 26.34 ug/ml



#13 N-TRIACONTANE

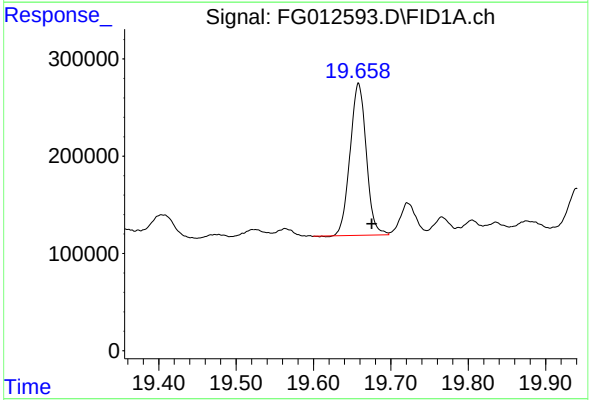
R.T.: 18.041 min
Delta R.T.: -0.017 min
Response: 2832950
Conc: 25.55 ug/ml

Instrument :
FID_G
ClientSampleId :



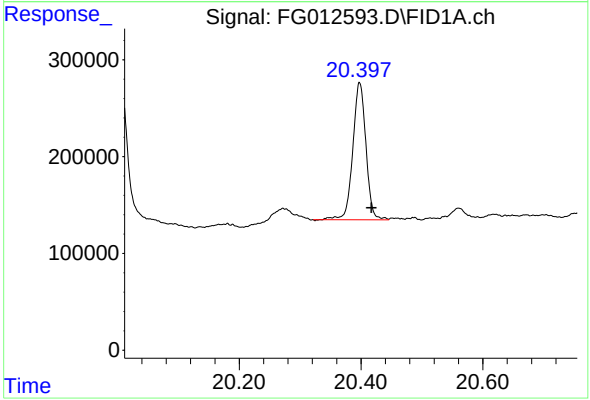
#14 N-DOTRIACONTANE

R.T.: 18.875 min
Delta R.T.: -0.016 min
Response: 2987313
Conc: 28.58 ug/ml



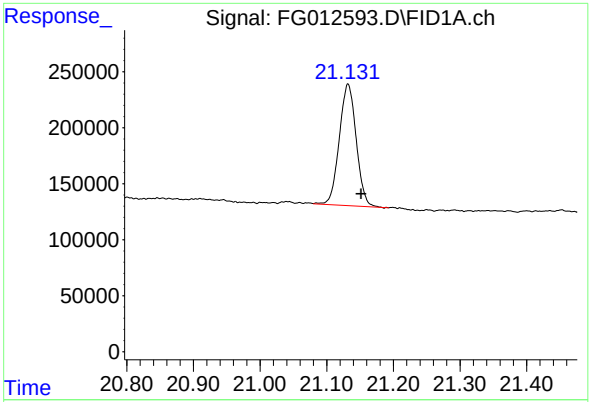
#15 N-TETRATRIACONTANE

R.T.: 19.658 min
Delta R.T.: -0.017 min
Response: 2277541
Conc: 23.13 ug/ml



#16 N-HEXATRIACONTANE

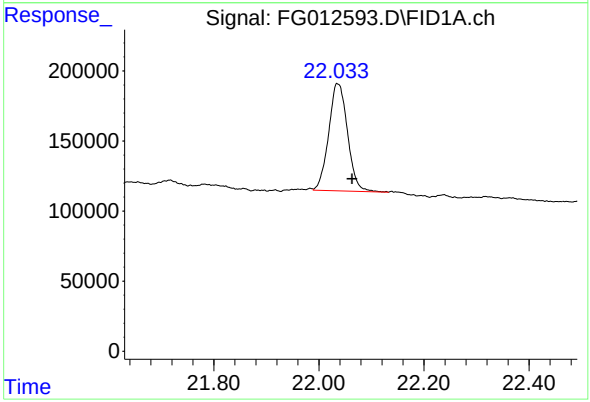
R.T.: 20.398 min
Delta R.T.: -0.019 min
Response: 2124294
Conc: 22.97 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.132 min
Delta R.T.: -0.020 min
Response: 1914226
Conc: 21.47 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.035 min
Delta R.T.: -0.028 min
Response: 1902953
Conc: 21.44 ug/ml