

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121523\
 Data File : FG013284.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2023 11:43
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 15 22:35:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 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...	15.086	5725042	53.329 ug/ml
Target Compounds			
1) N-OCTANE	2.057	5545929	45.463 ug/ml
2) N-DECANE	4.589	6494193	51.377 ug/ml
3) N-DODECANE	6.767	6826680	54.353 ug/ml
4) N-TETRADECANE	8.603	6955496	57.618 ug/ml
5) N-HEXADECANE	10.217	7124562	58.616 ug/ml
6) N-OCTADECANE	11.666	7011768	58.343 ug/ml
7) N-EICOSANE	12.980	6732452	56.974 ug/ml
8) N-DOCOSANE	14.184	6240467	55.018 ug/ml
10) N-TETRACOSANE	15.291	6038965	51.853 ug/ml
11) N-HEXACOSANE	16.316	5704553	51.223 ug/ml
12) N-OCTACOSANE	17.267	5551426	50.303 ug/ml
13) N-TRIACONTANE	18.157	5483113	49.926 ug/ml
14) N-DOTRIACONTANE	18.990	5298250	49.532 ug/ml
15) N-TETRATRIACONTANE	19.776	4693279	49.960 ug/ml
16) N-HEXATRIACONTANE	20.516	3771538	48.634 ug/ml
17) N-OCTATRIACONTANE	21.272	3539913	51.223 ug/ml
18) N-TETRACONTANE	22.229	3684153	50.836 ug/ml

(f)=RT Delta > 1/2 Window

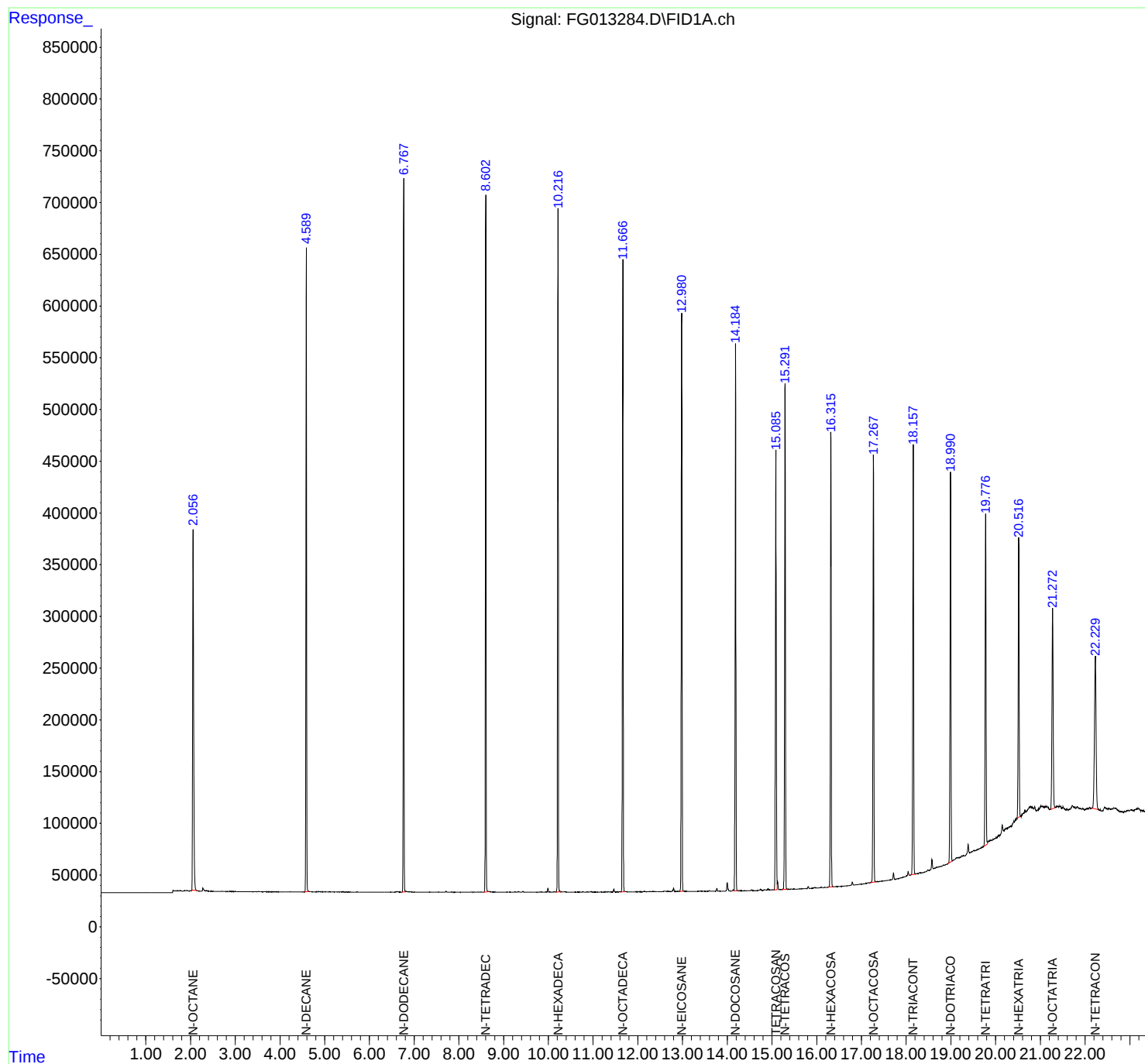
(m)=manual int.

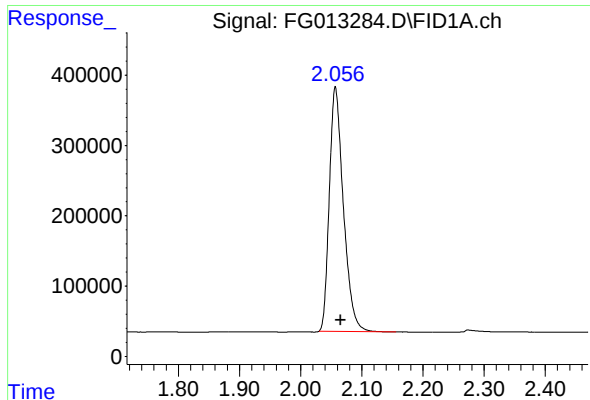
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

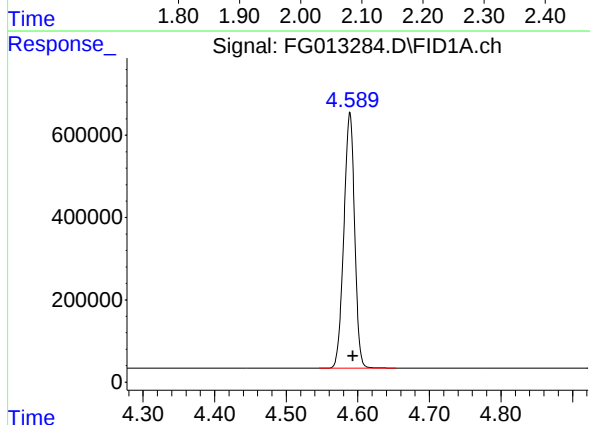




#1 N-OCTANE

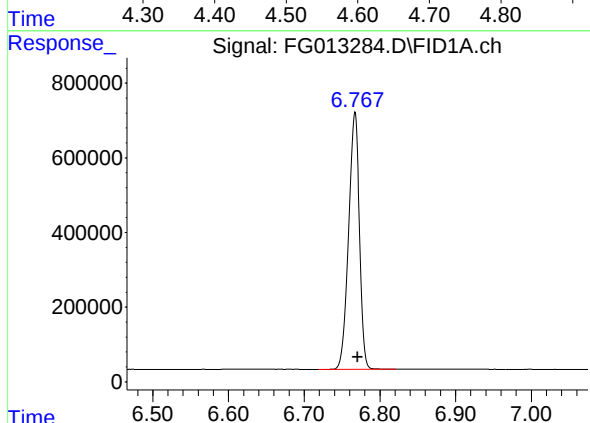
R.T.: 2.057 min
Delta R.T.: -0.008 min
Response: 5545929
Conc: 45.46 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



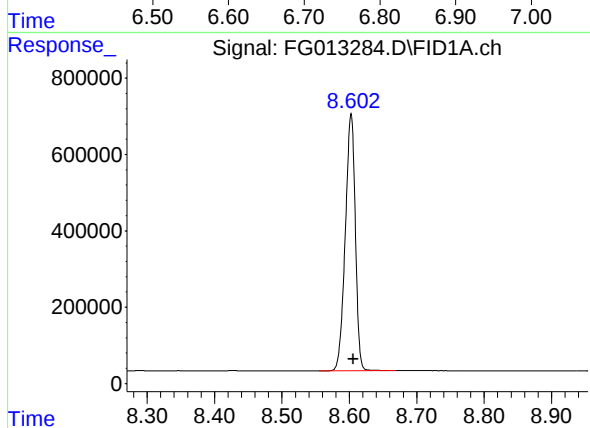
#2 N-DECANE

R.T.: 4.589 min
Delta R.T.: -0.004 min
Response: 6494193
Conc: 51.38 ug/ml



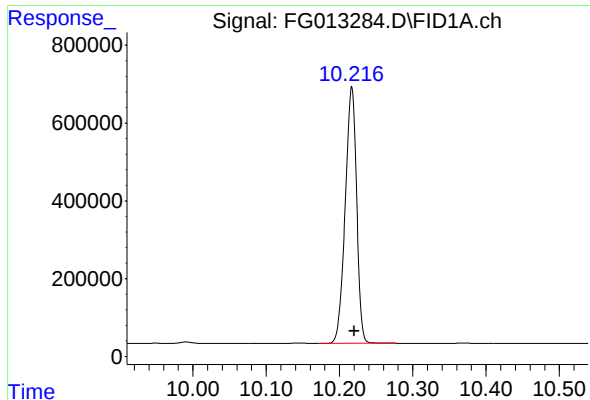
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 6826680
Conc: 54.35 ug/ml



#4 N-TETRADECANE

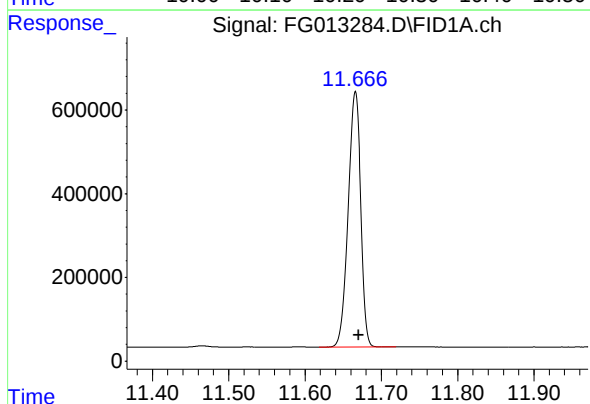
R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 6955496
Conc: 57.62 ug/ml



#5 N-HEXADECANE

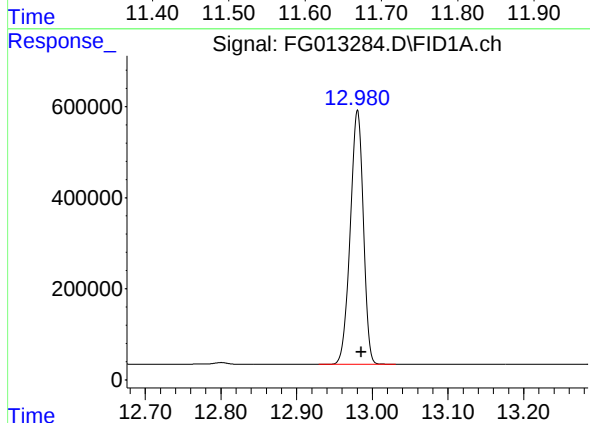
R.T.: 10.217 min
Delta R.T.: -0.004 min
Response: 7124562
Conc: 58.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



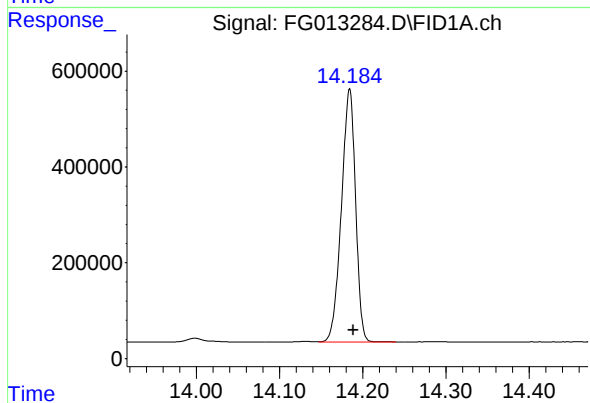
#6 N-OCTADECANE

R.T.: 11.666 min
Delta R.T.: -0.004 min
Response: 7011768
Conc: 58.34 ug/ml



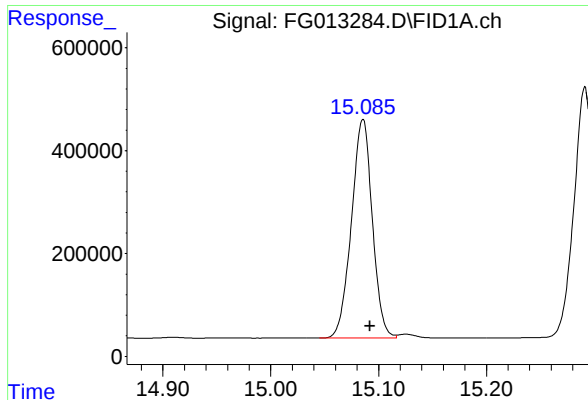
#7 N-EICOSANE

R.T.: 12.980 min
Delta R.T.: -0.005 min
Response: 6732452
Conc: 56.97 ug/ml



#8 N-DOCOSANE

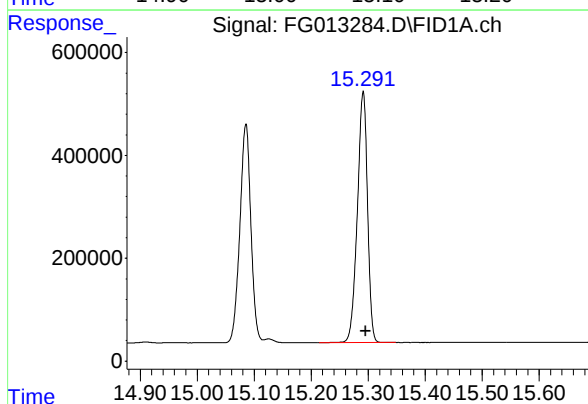
R.T.: 14.184 min
Delta R.T.: -0.005 min
Response: 6240467
Conc: 55.02 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

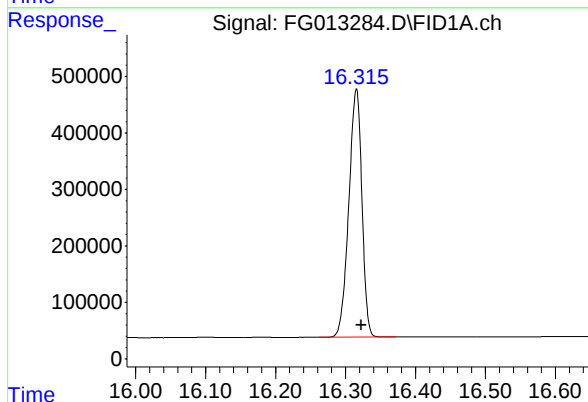
R.T.: 15.086 min
Delta R.T.: -0.007 min
Response: 5725042
Conc: 53.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



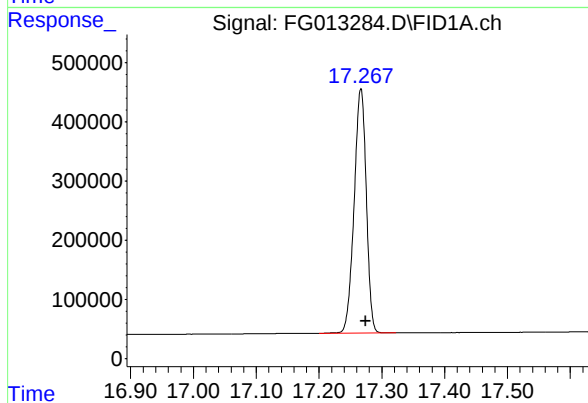
#10 N-TETRACOSANE

R.T.: 15.291 min
Delta R.T.: -0.005 min
Response: 6038965
Conc: 51.85 ug/ml



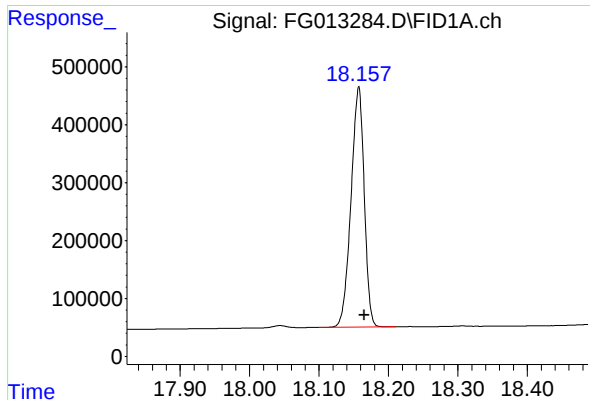
#11 N-HEXACOSANE

R.T.: 16.316 min
Delta R.T.: -0.007 min
Response: 5704553
Conc: 51.22 ug/ml



#12 N-OCTACOSANE

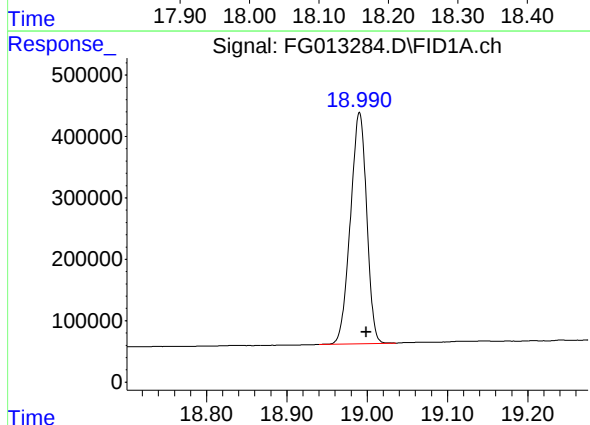
R.T.: 17.267 min
Delta R.T.: -0.008 min
Response: 5551426
Conc: 50.30 ug/ml



#13 N-TRIACONTANE

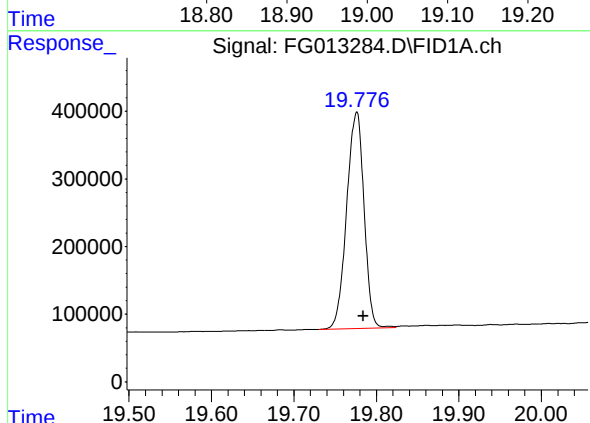
R.T.: 18.157 min
Delta R.T.: -0.008 min
Response: 5483113
Conc: 49.93 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



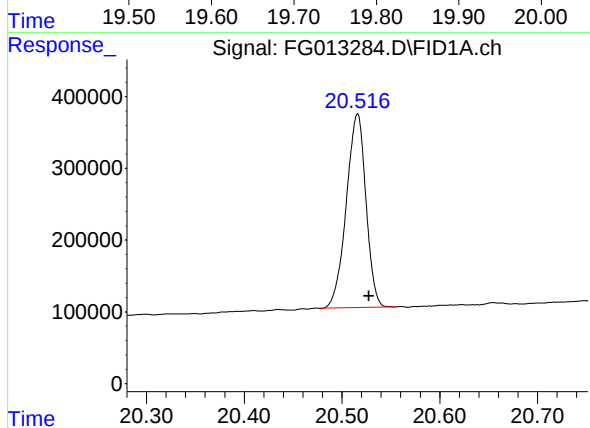
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: -0.008 min
Response: 5298250
Conc: 49.53 ug/ml



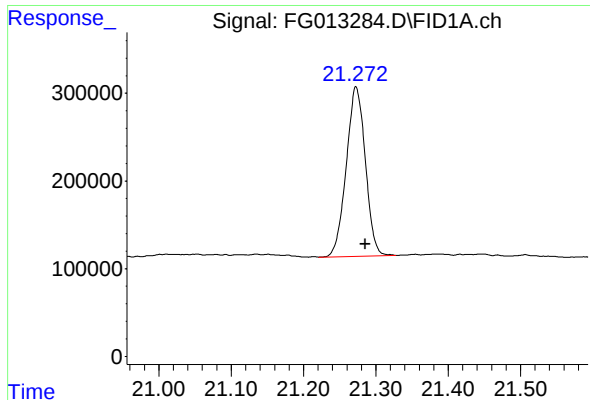
#15 N-TETRATRIACONTANE

R.T.: 19.776 min
Delta R.T.: -0.008 min
Response: 4693279
Conc: 49.96 ug/ml



#16 N-HEXATRIACONTANE

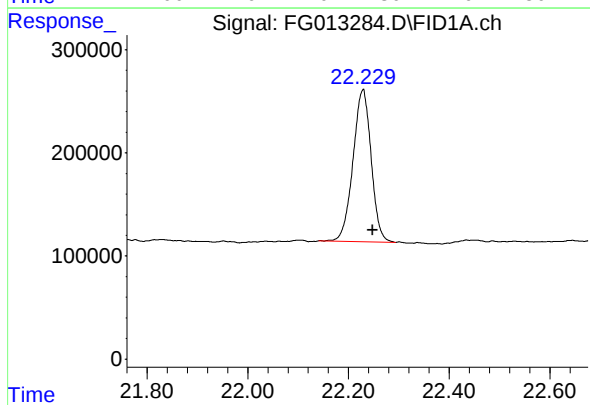
R.T.: 20.516 min
Delta R.T.: -0.012 min
Response: 3771538
Conc: 48.63 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.272 min
Delta R.T.: -0.013 min
Response: 3539913
Conc: 51.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.229 min
Delta R.T.: -0.018 min
Response: 3684153
Conc: 50.84 ug/ml