

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011524\
 Data File : FG013363.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jan 2024 12:35
 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: Jan 16 04:41:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG010824.M
 Quant Title :
 QLast Update : Mon Jan 08 14:52:14 2024
 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...	15.070	6765803	55.335 ug/ml
Target Compounds			
1) N-OCTANE	2.057	6506756	51.431 ug/ml
2) N-DECANE	4.584	6773742	51.796 ug/ml
3) N-DODECANE	6.756	6940533	51.036 ug/ml
4) N-TETRADECANE	8.589	7018226	52.650 ug/ml
5) N-HEXADECANE	10.202	7234961	53.090 ug/ml
6) N-OCTADECANE	11.650	7335524	52.060 ug/ml
7) N-EICOSANE	12.965	7366341	53.457 ug/ml
8) N-DOCOSANE	14.168	7156903	52.787 ug/ml
10) N-TETRACOSANE	15.275	7121413	52.927 ug/ml
11) N-HEXACOSANE	16.301	6948862	52.751 ug/ml
12) N-OCTACOSANE	17.254	6777534	52.619 ug/ml
13) N-TRIACONTANE	18.145	6564690	51.967 ug/ml
14) N-DOTRIACONTANE	18.980	6169750	51.406 ug/ml
15) N-TETRATRIACONTANE	19.767	5230011	55.348 ug/ml
16) N-HEXATRIACONTANE	20.507	4093668	58.436 ug/ml
17) N-OCTATRIACONTANE	21.262	3633102	60.149 ug/ml
18) N-TETRACONTANE	22.205	3529760	64.874 ug/ml

(f)=RT Delta > 1/2 Window

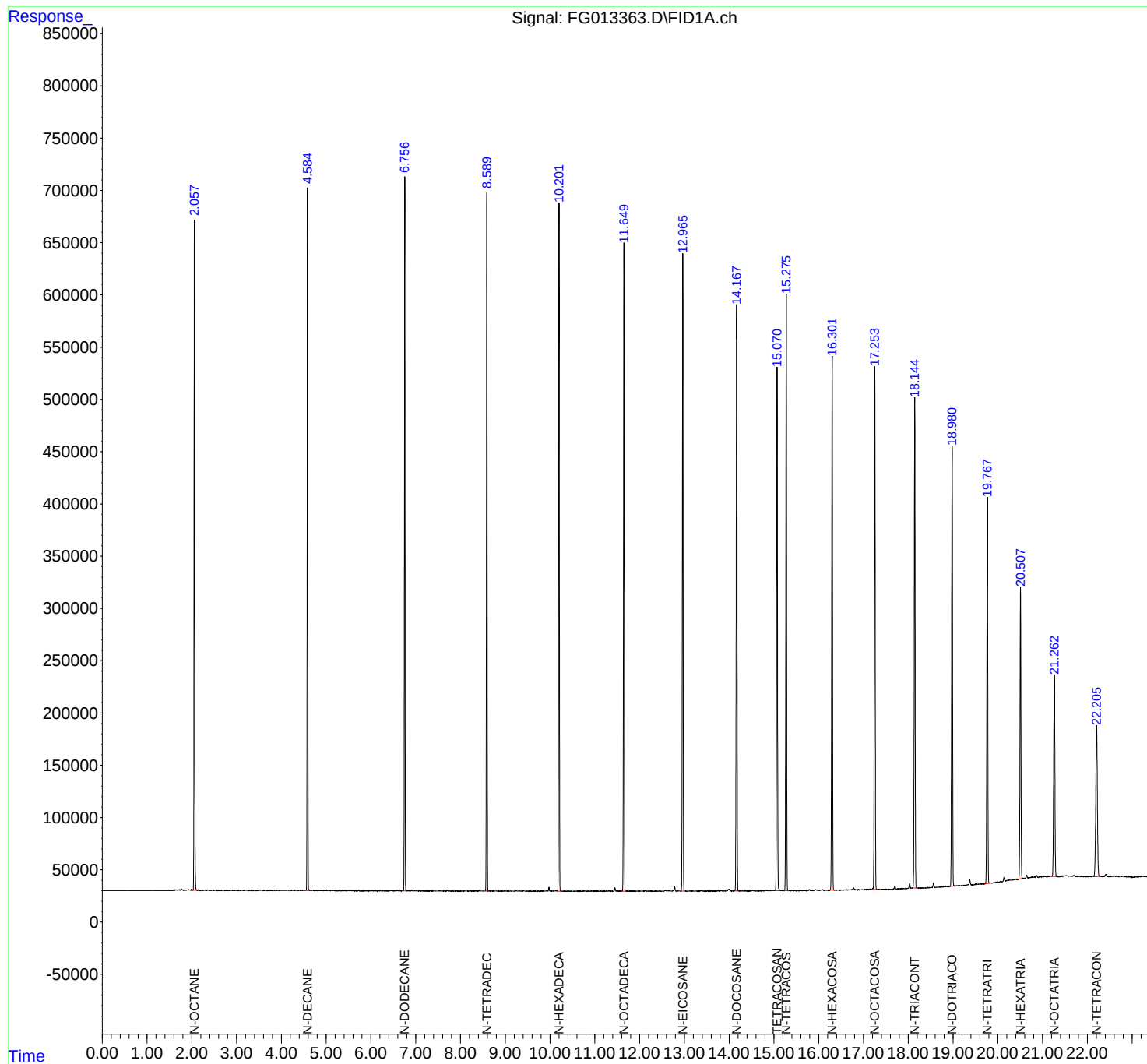
(m)=manual int.

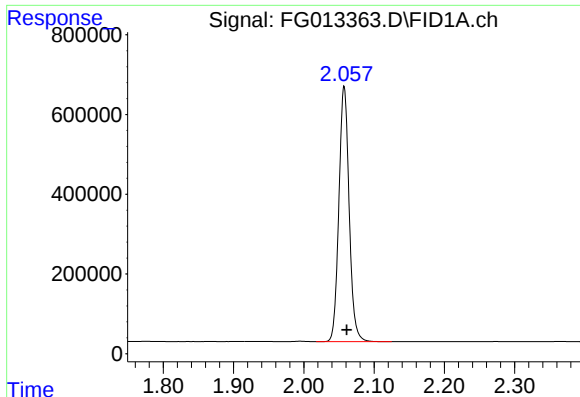
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Signal Info : 20mx0.18mmx0.18um

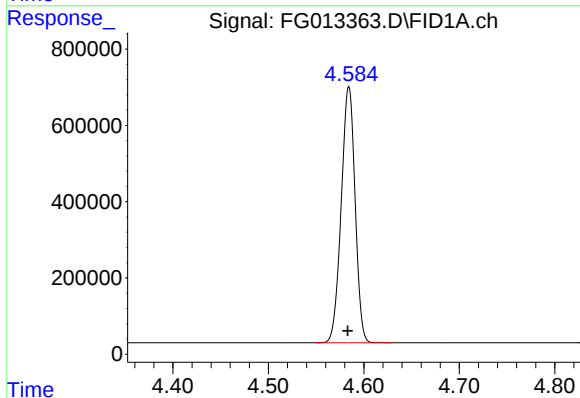




#1 N-OCTANE

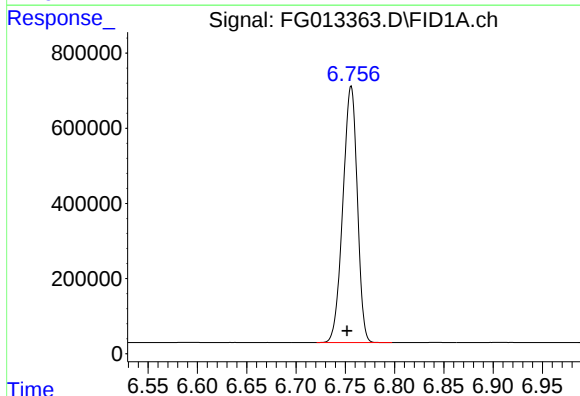
R.T.: 2.057 min
Delta R.T.: -0.004 min
Response: 6506756
Conc: 51.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



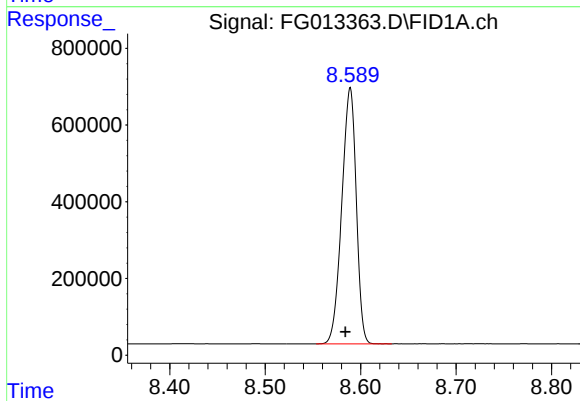
#2 N-DECANE

R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 6773742
Conc: 51.80 ug/ml



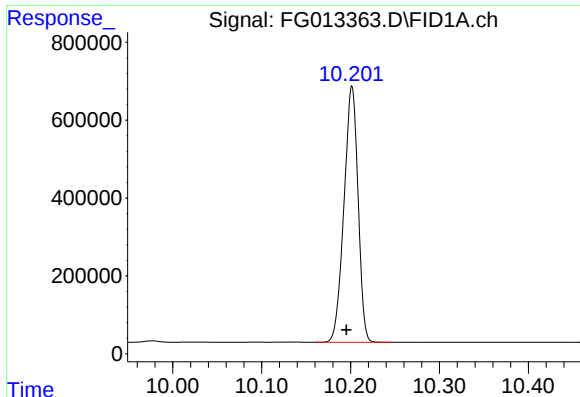
#3 N-DODECANE

R.T.: 6.756 min
Delta R.T.: 0.004 min
Response: 6940533
Conc: 51.04 ug/ml



#4 N-TETRADECANE

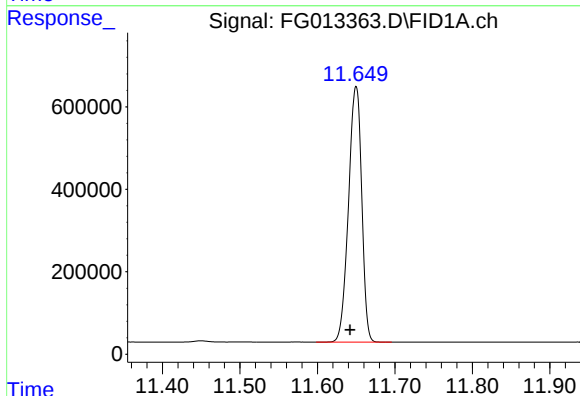
R.T.: 8.589 min
Delta R.T.: 0.005 min
Response: 7018226
Conc: 52.65 ug/ml



#5 N-HEXADECANE

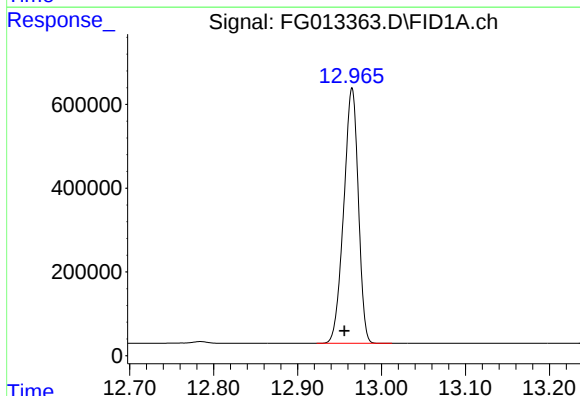
R.T.: 10.202 min
Delta R.T.: 0.006 min
Response: 7234961
Conc: 53.09 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



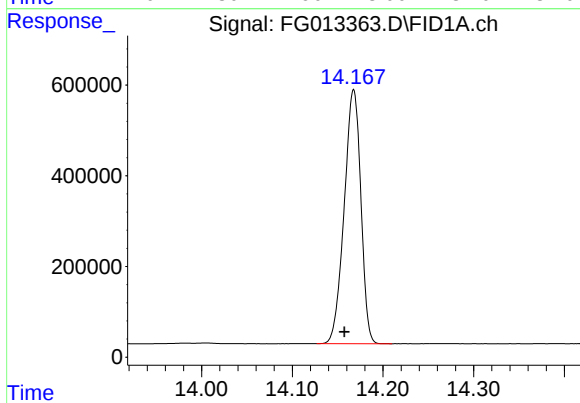
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: 0.008 min
Response: 7335524
Conc: 52.06 ug/ml



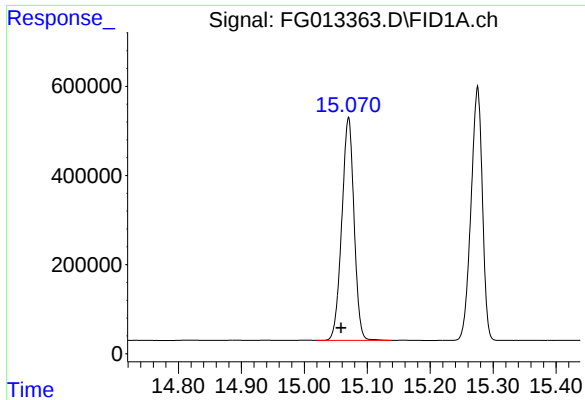
#7 N-EICOSANE

R.T.: 12.965 min
Delta R.T.: 0.009 min
Response: 7366341
Conc: 53.46 ug/ml



#8 N-DOCOSANE

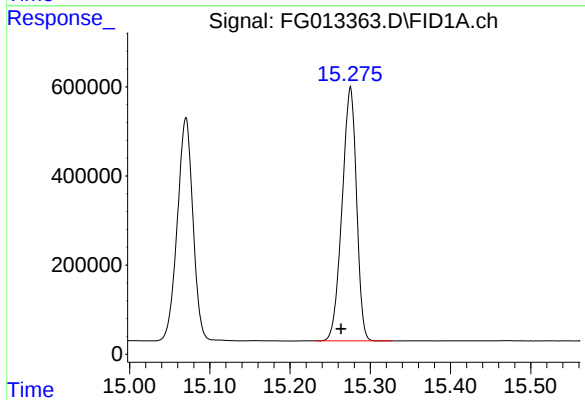
R.T.: 14.168 min
Delta R.T.: 0.010 min
Response: 7156903
Conc: 52.79 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

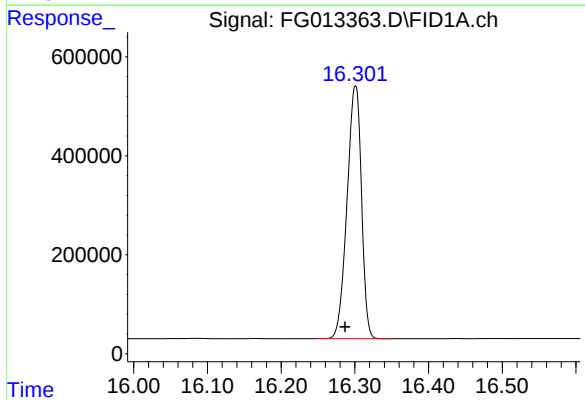
R.T.: 15.070 min
Delta R.T.: 0.012 min
Response: 6765803
Conc: 55.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



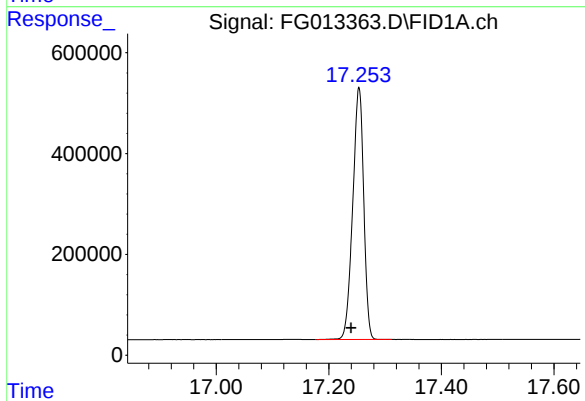
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.012 min
Response: 7121413
Conc: 52.93 ug/ml



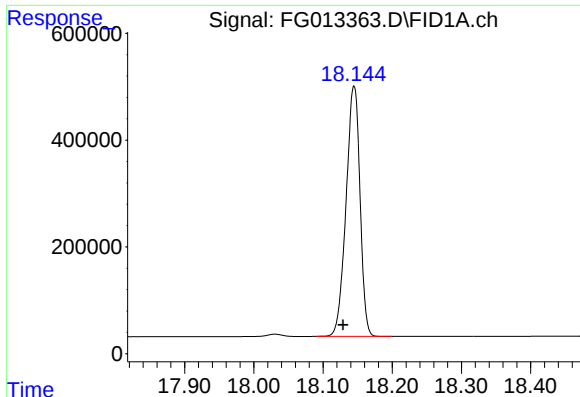
#11 N-HEXACOSANE

R.T.: 16.301 min
Delta R.T.: 0.014 min
Response: 6948862
Conc: 52.75 ug/ml



#12 N-OCTACOSANE

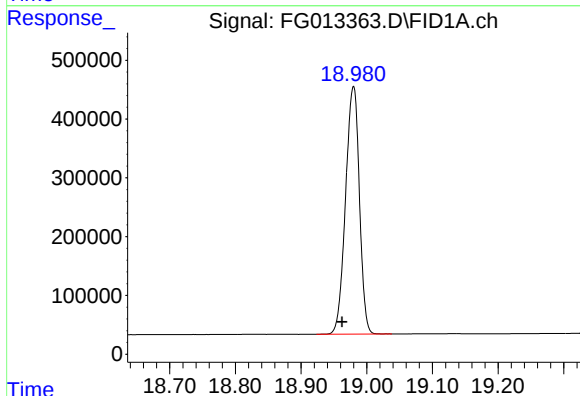
R.T.: 17.254 min
Delta R.T.: 0.014 min
Response: 6777534
Conc: 52.62 ug/ml



#13 N-TRIACONTANE

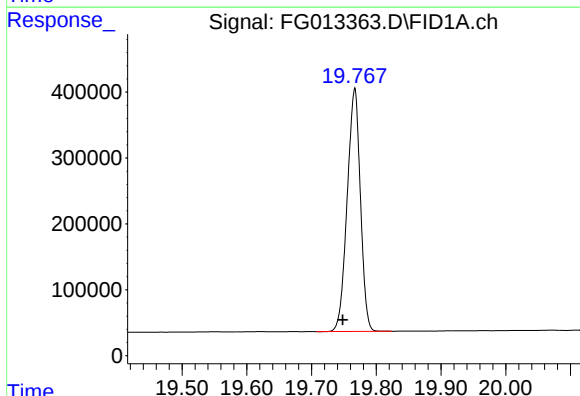
R.T.: 18.145 min
Delta R.T.: 0.016 min
Response: 6564690
Conc: 51.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



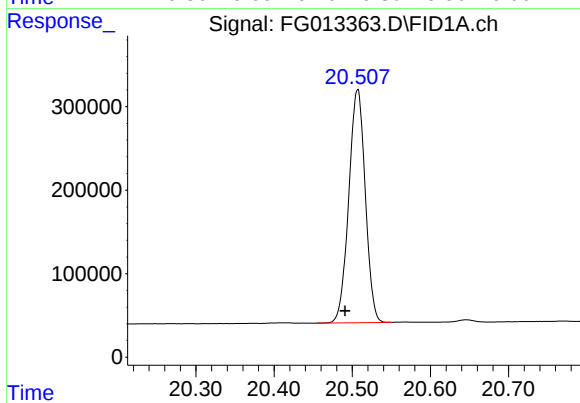
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: 0.017 min
Response: 6169750
Conc: 51.41 ug/ml



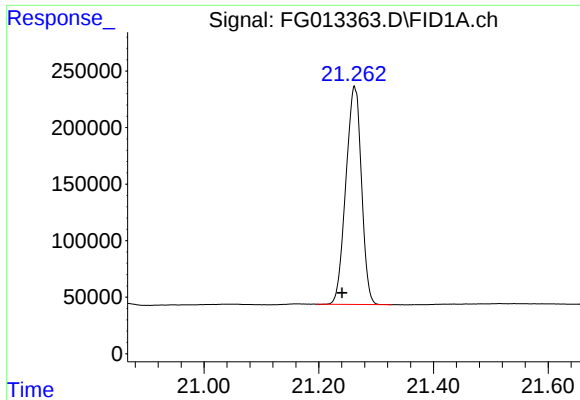
#15 N-TETRATRIACONTANE

R.T.: 19.767 min
Delta R.T.: 0.019 min
Response: 5230011
Conc: 55.35 ug/ml



#16 N-HEXATRIACONTANE

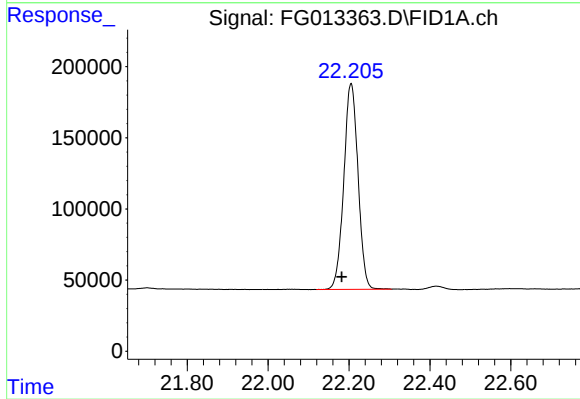
R.T.: 20.507 min
Delta R.T.: 0.016 min
Response: 4093668
Conc: 58.44 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.262 min
Delta R.T.: 0.021 min
Response: 3633102
Conc: 60.15 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.205 min
Delta R.T.: 0.023 min
Response: 3529760
Conc: 64.87 ug/ml