

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091823\
 Data File : FG012928.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2023 10:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 00:39:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090123.M
 Quant Title :
 QLast Update : Thu Aug 31 16:39:19 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...	15.084	5583675	49.954 ug/ml
Target Compounds			
1) N-OCTANE	2.074	6485008	49.238 ug/ml
2) N-DECANE	4.597	6712646	49.552 ug/ml
3) N-DODECANE	6.772	6667239	49.260 ug/ml
4) N-TETRADECANE	8.606	6558451	48.894 ug/ml
5) N-HEXADECANE	10.218	6473492	48.295 ug/ml
6) N-OCTADECANE	11.666	6412806	47.904 ug/ml
7) N-EICOSANE	12.980	6185844	47.598 ug/ml
8) N-DOCOSANE	14.182	5976614	47.532 ug/ml
10) N-TETRACOSANE	15.288	5924751	47.778 ug/ml
11) N-HEXACOSANE	16.312	5761228	47.950 ug/ml
12) N-OCTACOSANE	17.262	5715228	48.785 ug/ml
13) N-TRIACONTANE	18.151	5716311	50.512 ug/ml
14) N-DOTRIACONTANE	18.984	5566602	53.435 ug/ml
15) N-TETRATRIACONTANE	19.768	5167384	55.894 ug/ml
16) N-HEXATRIACONTANE	20.505	4583410	56.554 ug/ml
17) N-OCTATRIACONTANE	21.264	3900924	51.080 ug/ml
18) N-TETRACONTANE	22.210	3257854	41.892 ug/ml

(f)=RT Delta > 1/2 Window

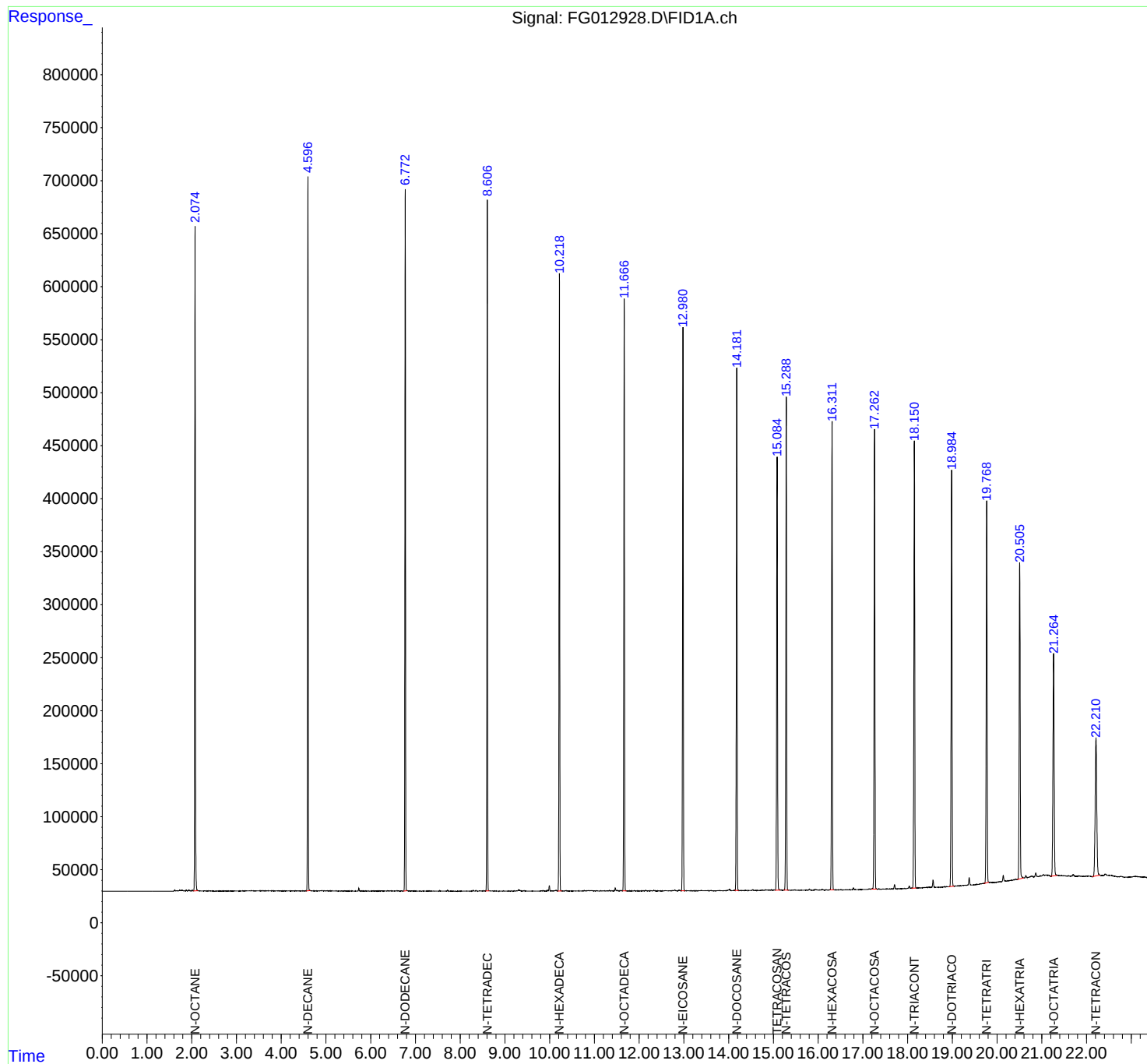
(m)=manual int.

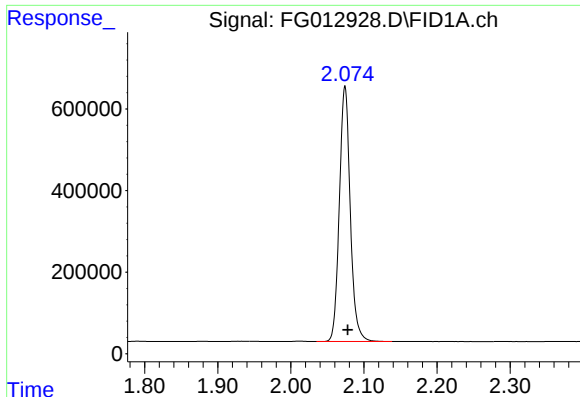
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

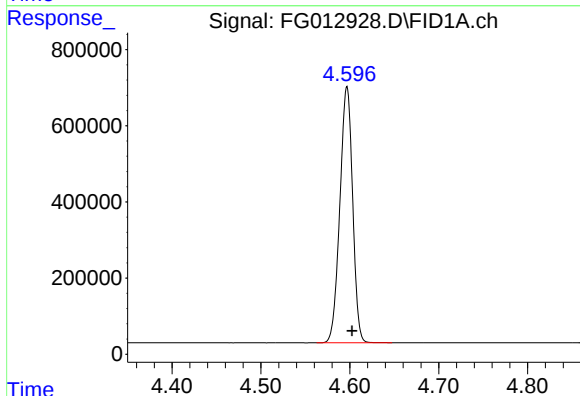




#1 N-OCTANE

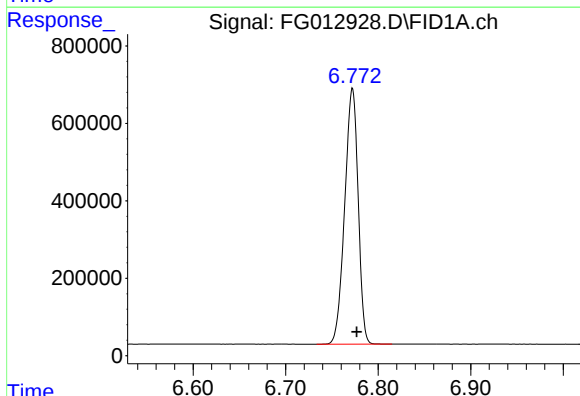
R.T.: 2.074 min
Delta R.T.: -0.004 min
Response: 6485008
Conc: 49.24 ug/ml

Instrument :
FID_G
ClientSampleId :



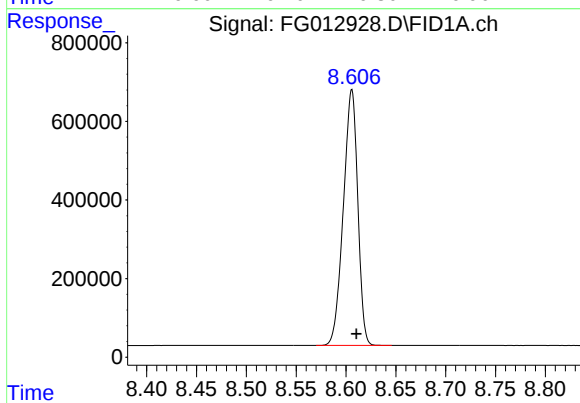
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.006 min
Response: 6712646
Conc: 49.55 ug/ml



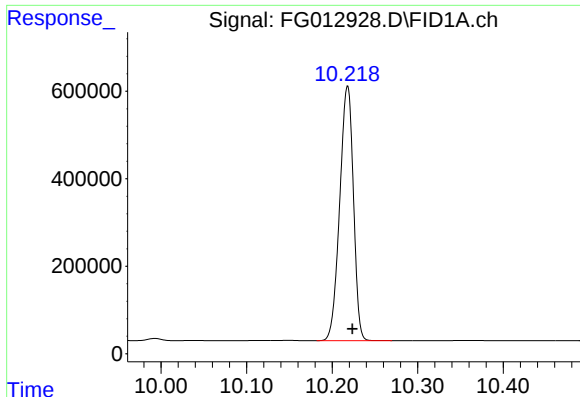
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: -0.005 min
Response: 6667239
Conc: 49.26 ug/ml



#4 N-TETRADECANE

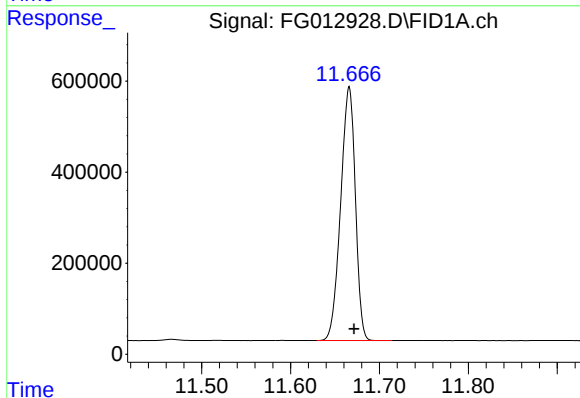
R.T.: 8.606 min
Delta R.T.: -0.005 min
Response: 6558451
Conc: 48.89 ug/ml



#5 N-HEXADECANE

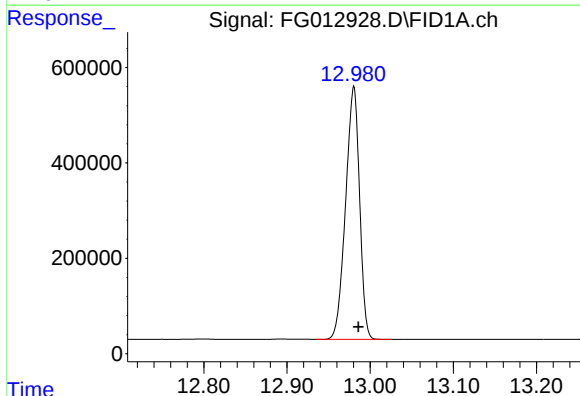
R.T.: 10.218 min
Delta R.T.: -0.005 min
Response: 6473492
Conc: 48.30 ug/ml

Instrument :
FID_G
ClientSampleId :



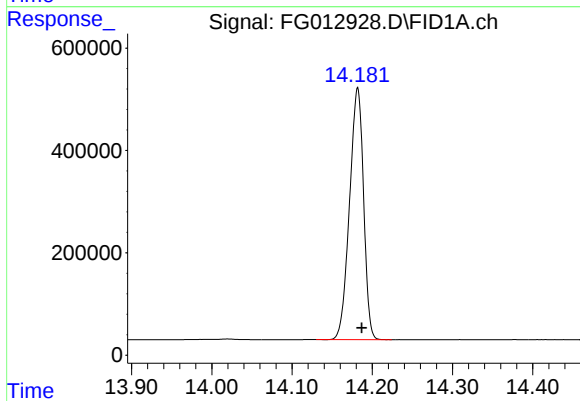
#6 N-OCTADECANE

R.T.: 11.666 min
Delta R.T.: -0.006 min
Response: 6412806
Conc: 47.90 ug/ml



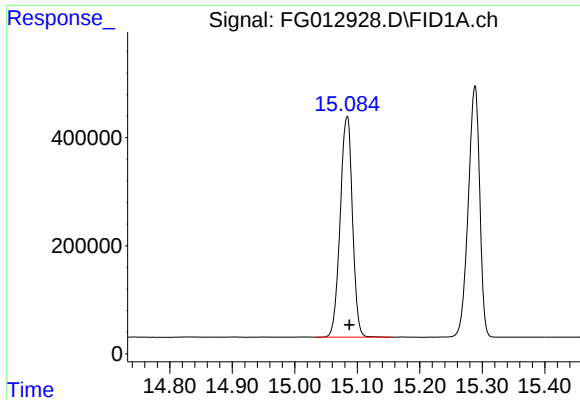
#7 N-EICOSANE

R.T.: 12.980 min
Delta R.T.: -0.005 min
Response: 6185844
Conc: 47.60 ug/ml



#8 N-DOCOSANE

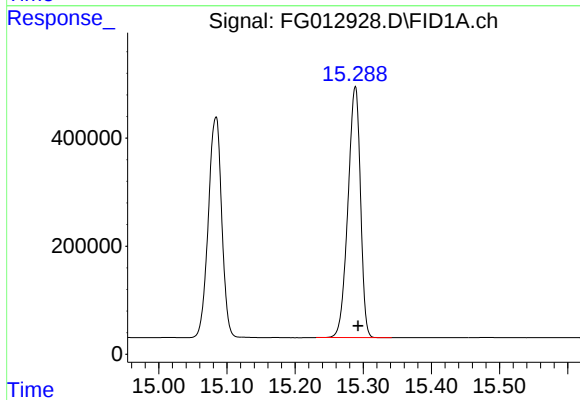
R.T.: 14.182 min
Delta R.T.: -0.005 min
Response: 5976614
Conc: 47.53 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

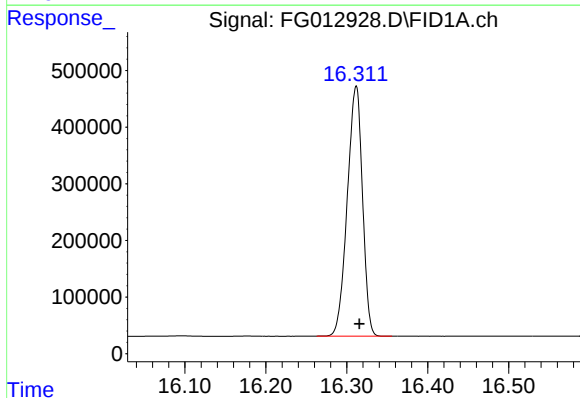
R.T.: 15.084 min
Delta R.T.: -0.003 min
Response: 5583675
Conc: 49.95 ug/ml

Instrument :
FID_G
ClientSampleId :



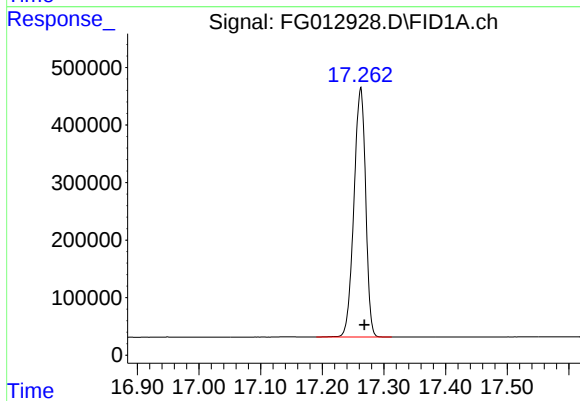
#10 N-TETRACOSANE

R.T.: 15.288 min
Delta R.T.: -0.004 min
Response: 5924751
Conc: 47.78 ug/ml



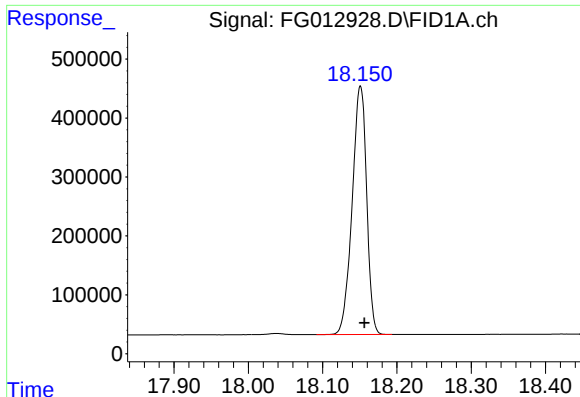
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: -0.004 min
Response: 5761228
Conc: 47.95 ug/ml



#12 N-OCTACOSANE

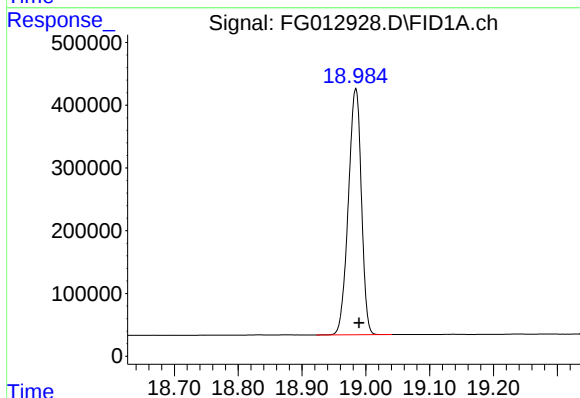
R.T.: 17.262 min
Delta R.T.: -0.006 min
Response: 5715228
Conc: 48.78 ug/ml



#13 N-TRIACONTANE

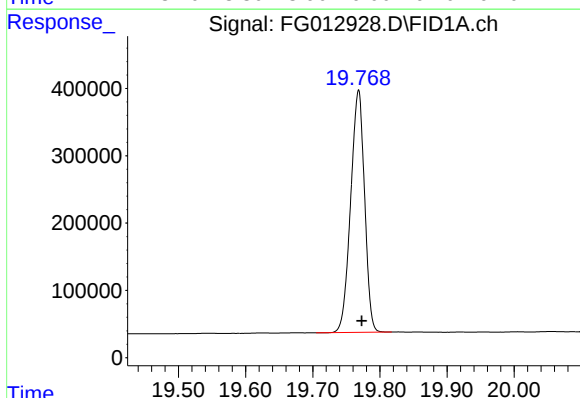
R.T.: 18.151 min
Delta R.T.: -0.005 min
Response: 5716311
Conc: 50.51 ug/ml

Instrument :
FID_G
ClientSampleId :



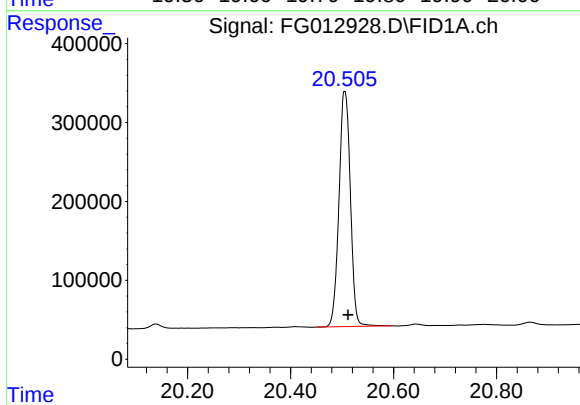
#14 N-DOTRIACONTANE

R.T.: 18.984 min
Delta R.T.: -0.005 min
Response: 5566602
Conc: 53.43 ug/ml



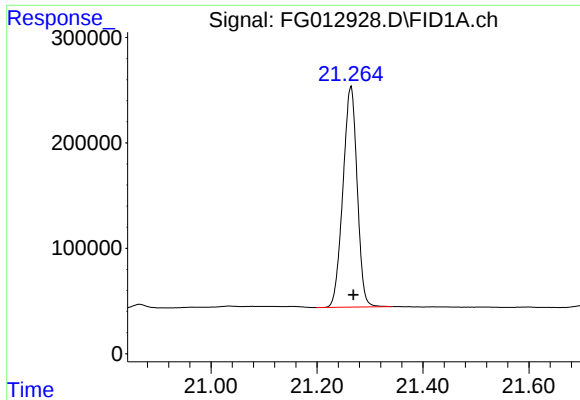
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: -0.005 min
Response: 5167384
Conc: 55.89 ug/ml



#16 N-HEXATRIACONTANE

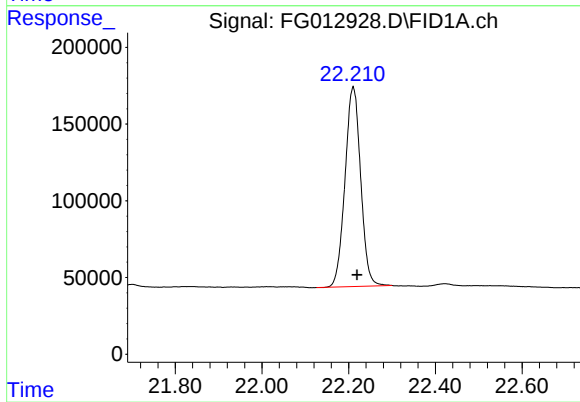
R.T.: 20.505 min
Delta R.T.: -0.007 min
Response: 4583410
Conc: 56.55 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.264 min
Delta R.T.: -0.005 min
Response: 3900924
Conc: 51.08 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.210 min
Delta R.T.: -0.009 min
Response: 3257854
Conc: 41.89 ug/ml