

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070225\
 Data File : FF016086.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2025 00:34
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 03 03:24:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 2025
 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...	15.102	6281883	52.026 ug/ml
Target Compounds			
1) N-OCTANE	2.081	6773479	53.381 ug/ml
2) N-DECANE	4.622	7182399	54.818 ug/ml
3) N-DODECANE	6.799	7232300	54.313 ug/ml
4) N-TETRADECANE	8.632	7261118	54.178 ug/ml
5) N-HEXADECANE	10.242	7288712	53.968 ug/ml
6) N-OCTADECANE	11.688	7415021	53.487 ug/ml
7) N-EICOSANE	13.000	7472610	53.514 ug/ml
8) N-DOCOSANE	14.202	7210488	53.070 ug/ml
10) N-TETRACOSANE	15.308	7136812	52.659 ug/ml
11) N-HEXACOSANE	16.331	7018617	52.286 ug/ml
12) N-OCTACOSANE	17.284	7117488	53.913 ug/ml
13) N-TRIACONTANE	18.175	7165663	54.259 ug/ml
14) N-DOTRIACONTANE	19.011	7049219	55.406 ug/ml
15) N-TETRATRIACONTANE	19.796	6538590	58.468 ug/ml
16) N-HEXATRIACONTANE	20.538	5916615	63.283 ug/ml
17) N-OCTATRIACONTANE	21.304	5234573	64.465 ug/ml
18) N-TETRACONTANE	22.267	4345287	61.961 ug/ml

(f)=RT Delta > 1/2 Window

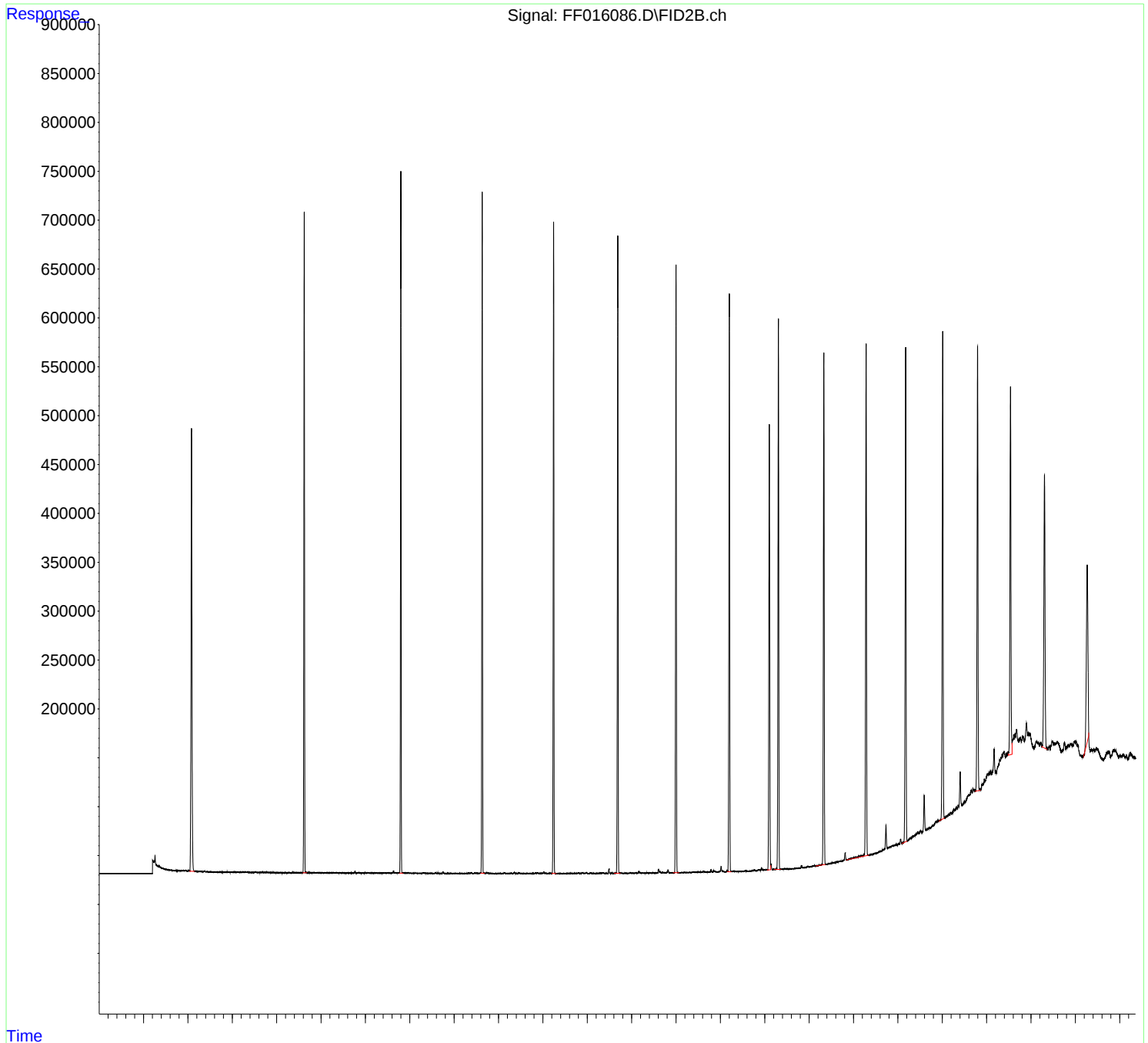
(m)=manual int.

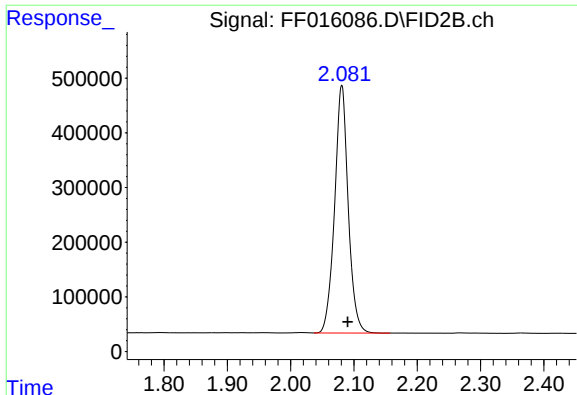
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Signal Info : 20mx0.18mmx0.18um

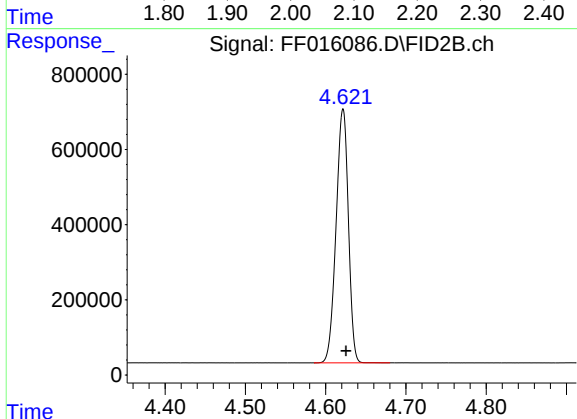




#1 N-OCTANE

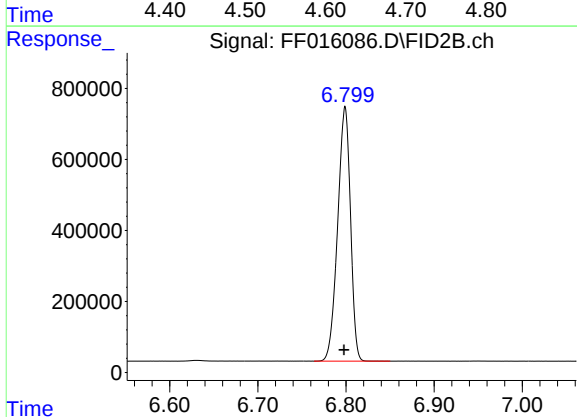
R.T.: 2.081 min
Delta R.T.: -0.009 min
Response: 6773479
Conc: 53.38 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



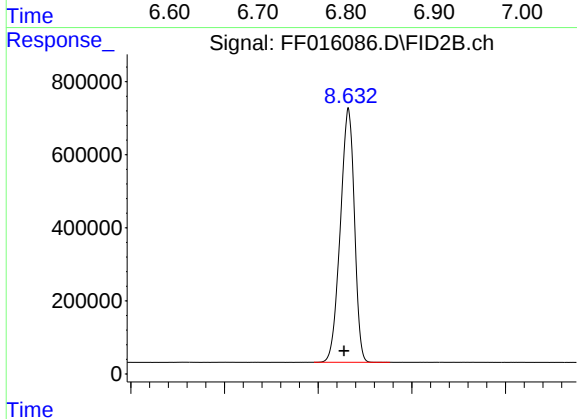
#2 N-DECANE

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 7182399
Conc: 54.82 ug/ml



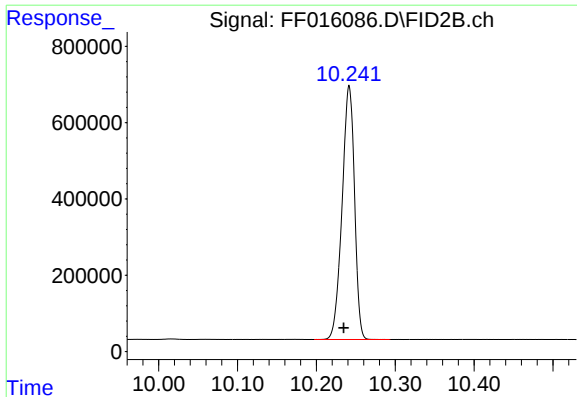
#3 N-DODECANE

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 7232300
Conc: 54.31 ug/ml



#4 N-TETRADECANE

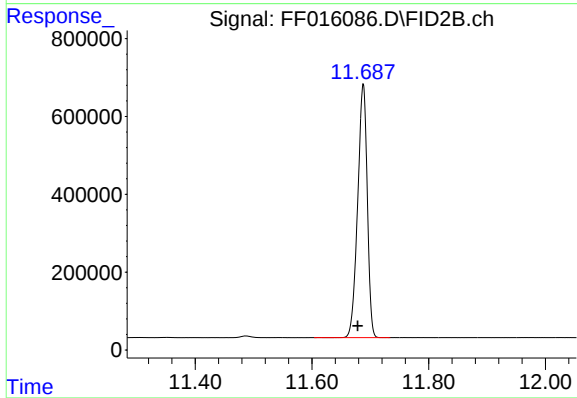
R.T.: 8.632 min
Delta R.T.: 0.005 min
Response: 7261118
Conc: 54.18 ug/ml



#5 N-HEXADECANE

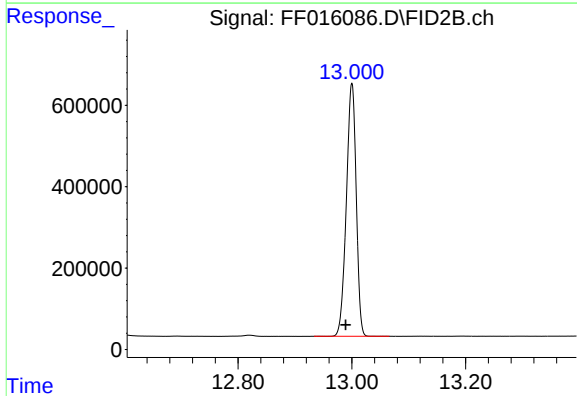
R.T.: 10.242 min
Delta R.T.: 0.007 min
Response: 7288712
Conc: 53.97 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



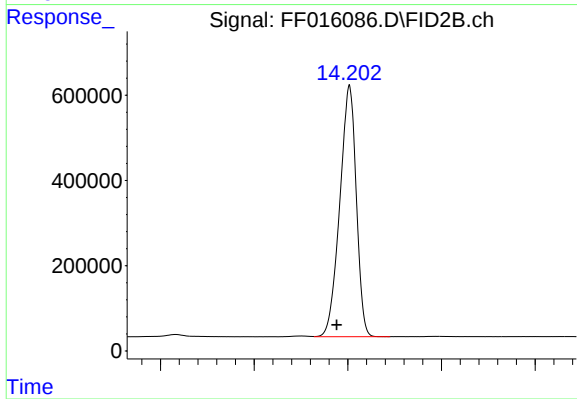
#6 N-OCTADECANE

R.T.: 11.688 min
Delta R.T.: 0.010 min
Response: 7415021
Conc: 53.49 ug/ml



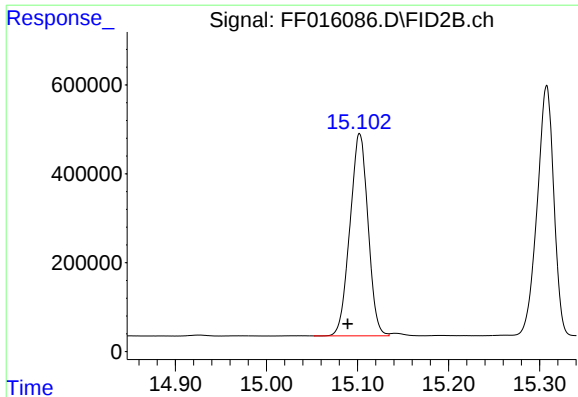
#7 N-EICOSANE

R.T.: 13.000 min
Delta R.T.: 0.011 min
Response: 7472610
Conc: 53.51 ug/ml



#8 N-DOCOSANE

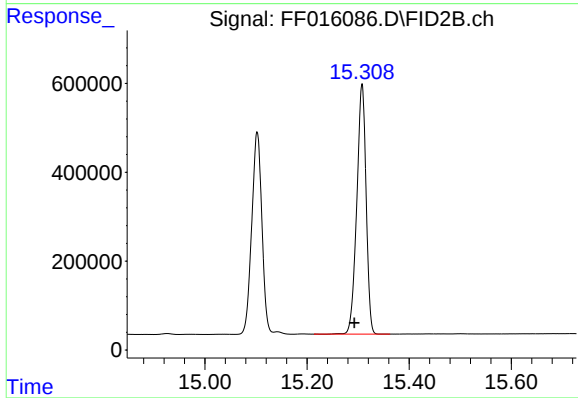
R.T.: 14.202 min
Delta R.T.: 0.014 min
Response: 7210488
Conc: 53.07 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

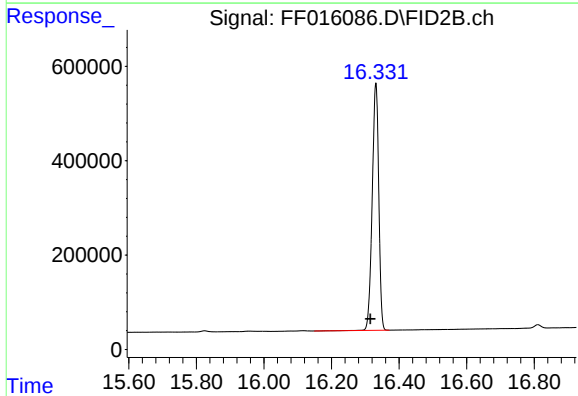
R.T.: 15.102 min
Delta R.T.: 0.013 min
Response: 6281883
Conc: 52.03 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



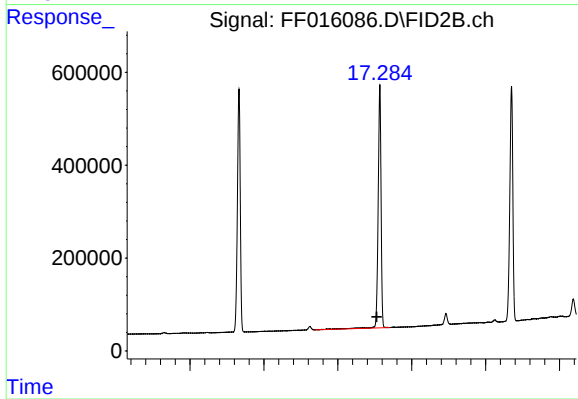
#10 N-TETRACOSANE

R.T.: 15.308 min
Delta R.T.: 0.015 min
Response: 7136812
Conc: 52.66 ug/ml



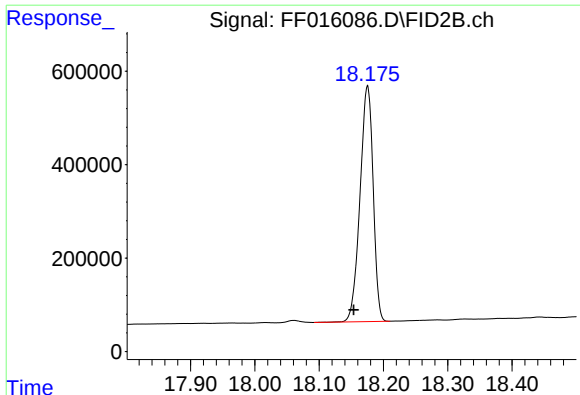
#11 N-HEXACOSANE

R.T.: 16.331 min
Delta R.T.: 0.016 min
Response: 7018617
Conc: 52.29 ug/ml



#12 N-OCTACOSANE

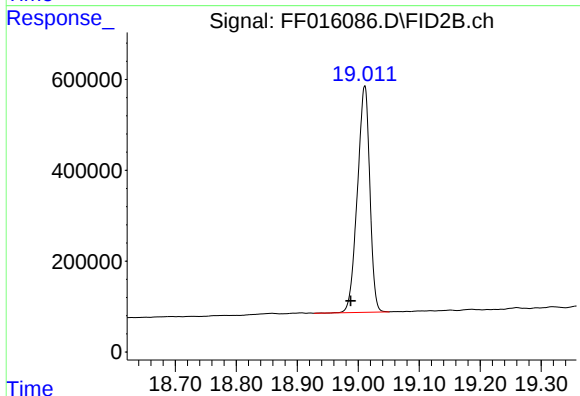
R.T.: 17.284 min
Delta R.T.: 0.020 min
Response: 7117488
Conc: 53.91 ug/ml



#13 N-TRIACONTANE

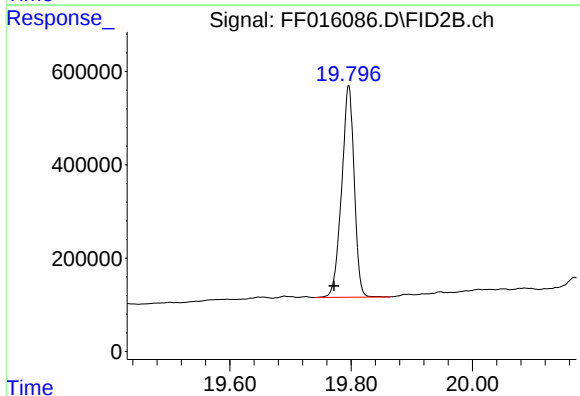
R.T.: 18.175 min
Delta R.T.: 0.022 min
Response: 7165663
Conc: 54.26 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



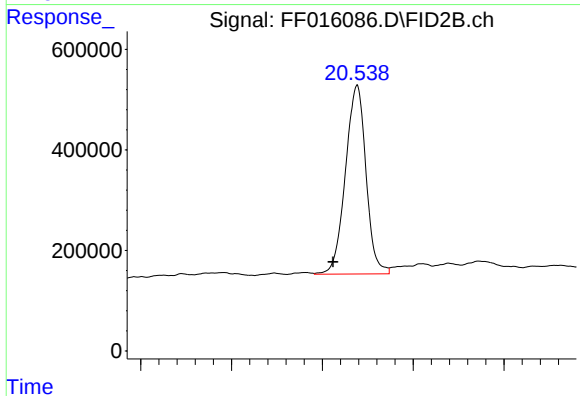
#14 N-DOTRIACONTANE

R.T.: 19.011 min
Delta R.T.: 0.023 min
Response: 7049219
Conc: 55.41 ug/ml



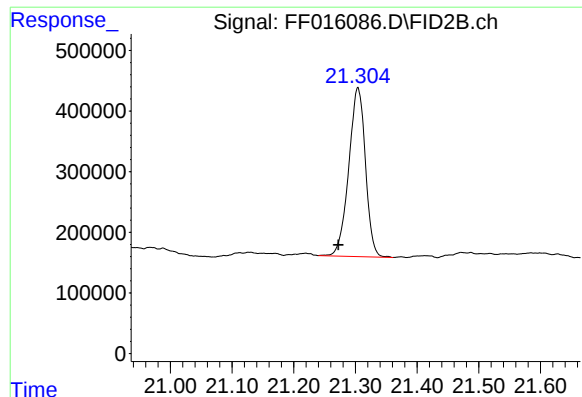
#15 N-TETRATRIACONTANE

R.T.: 19.796 min
Delta R.T.: 0.024 min
Response: 6538590
Conc: 58.47 ug/ml



#16 N-HEXATRIACONTANE

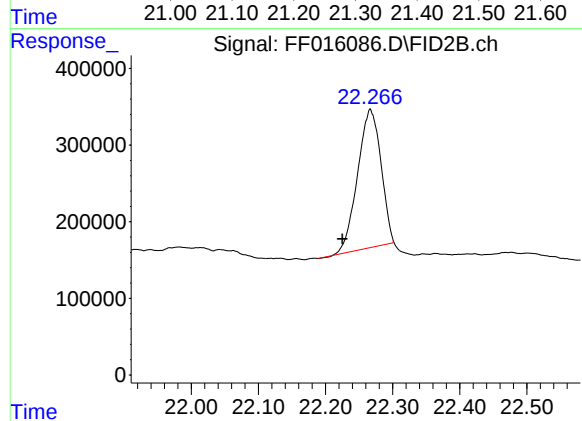
R.T.: 20.538 min
Delta R.T.: 0.027 min
Response: 5916615
Conc: 63.28 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.304 min
Delta R.T.: 0.032 min
Response: 5234573
Conc: 64.47 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.267 min
Delta R.T.: 0.041 min
Response: 4345287
Conc: 61.96 ug/ml