

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051625\
 Data File : FF015851.D
 Signal(s) : FID2B.ch
 Acq On : 16 May 2025 10:58
 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: May 17 02:42:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:50 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...	15.020	5416282	47.996 ug/ml
Target Compounds			
1) N-OCTANE	2.024	5035157	44.415 ug/ml
2) N-DECANE	4.563	5651919	55.386 ug/ml
3) N-DODECANE	6.732	5858998	53.509 ug/ml
4) N-TETRADECANE	8.559	5857223	50.747 ug/ml
5) N-HEXADECANE	10.167	5922934	50.186 ug/ml
6) N-OCTADECANE	11.611	6115886	48.617 ug/ml
7) N-EICOSANE	12.921	6097403	46.739 ug/ml
8) N-DOCOSANE	14.120	5992526	47.045 ug/ml
10) N-TETRACOSANE	15.225	5985264	47.582 ug/ml
11) N-HEXACOSANE	16.246	5879573	48.234 ug/ml
12) N-OCTACOSANE	17.197	5885058	49.734 ug/ml
13) N-TRIACONTANE	18.085	6048254	51.318 ug/ml
14) N-DOTRIACONTANE	18.918	5854349	51.387 ug/ml
15) N-TETRATRIACONTANE	19.702	4871486	48.829 ug/ml
16) N-HEXATRIACONTANE	20.441	3788127	47.479 ug/ml
17) N-OCTATRIACONTANE	21.177	3226591	56.820 ug/ml
18) N-TETRACONTANE	22.087f	2942530	72.360 ug/ml

(f)=RT Delta > 1/2 Window

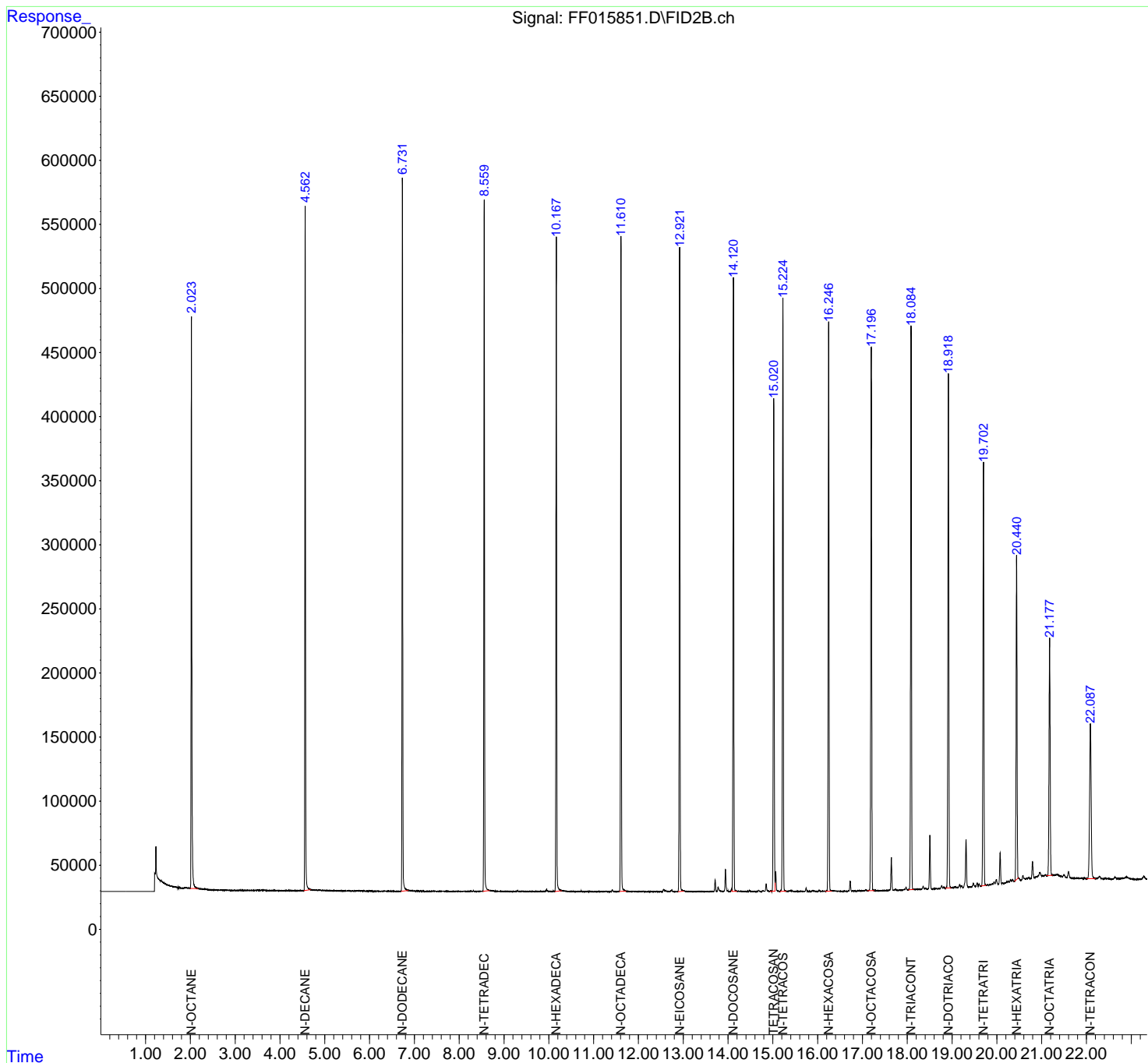
(m)=manual int.

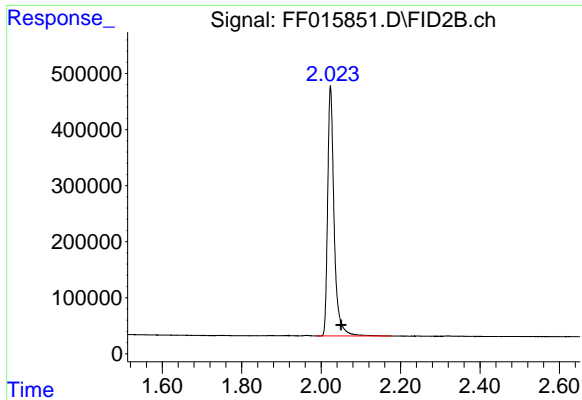
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 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

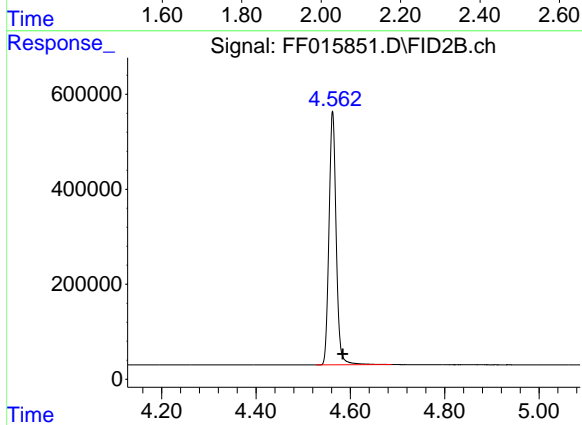




#1 N-OCTANE

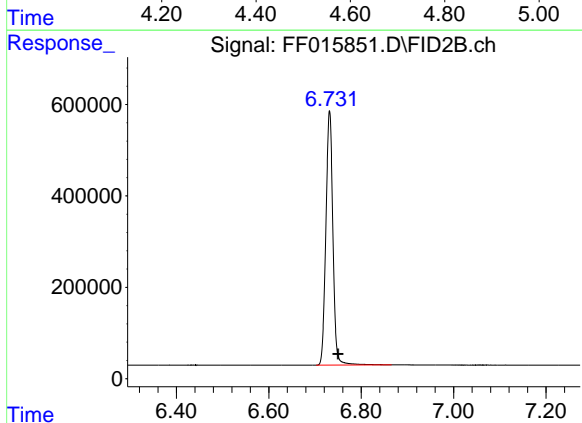
R.T.: 2.024 min
 Delta R.T.: -0.026 min
 Response: 5035157
 Conc: 44.42 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD



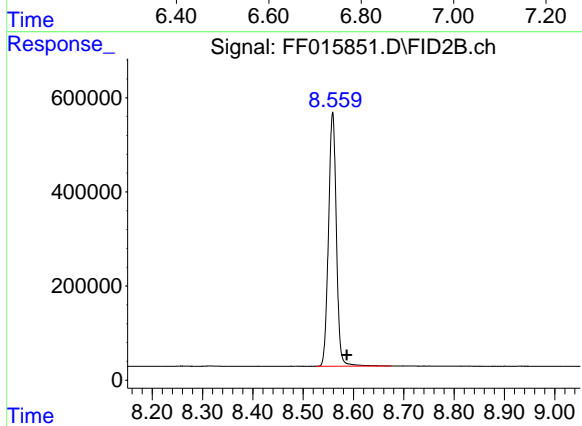
#2 N-DECANE

R.T.: 4.563 min
 Delta R.T.: -0.021 min
 Response: 5651919
 Conc: 55.39 ug/ml



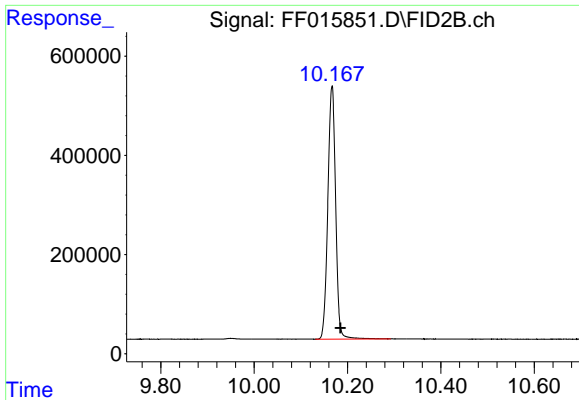
#3 N-DODECANE

R.T.: 6.732 min
 Delta R.T.: -0.018 min
 Response: 5858998
 Conc: 53.51 ug/ml



#4 N-TETRADECANE

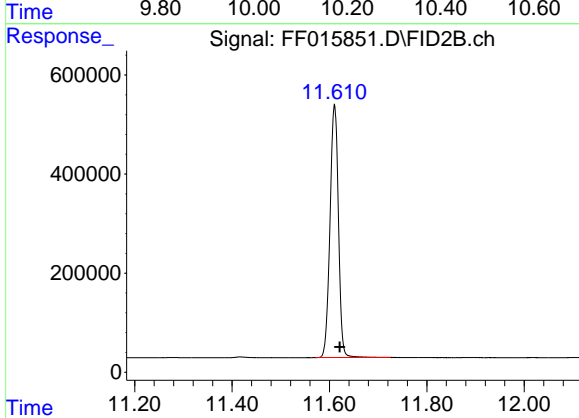
R.T.: 8.559 min
 Delta R.T.: -0.028 min
 Response: 5857223
 Conc: 50.75 ug/ml



#5 N-HEXADECANE

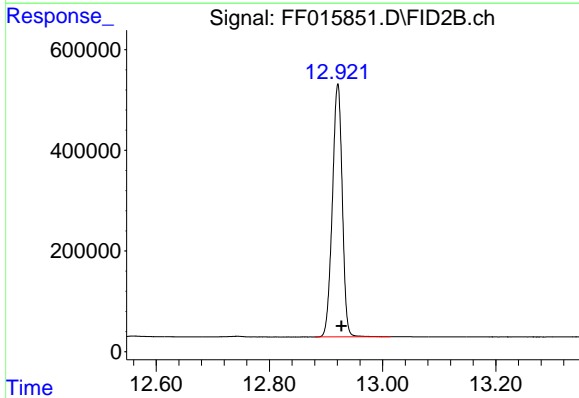
R.T.: 10.167 min
 Delta R.T.: -0.018 min
 Response: 5922934
 Conc: 50.19 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD



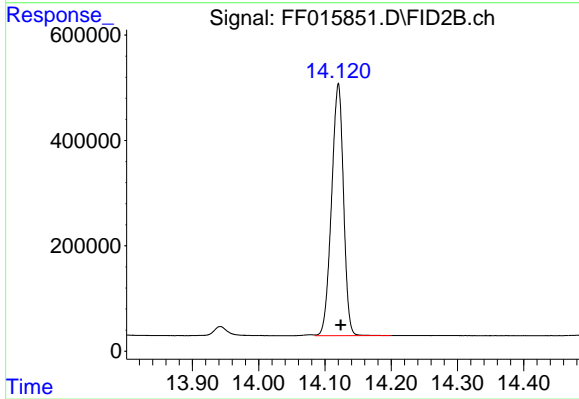
#6 N-OCTADECANE

R.T.: 11.611 min
 Delta R.T.: -0.011 min
 Response: 6115886
 Conc: 48.62 ug/ml



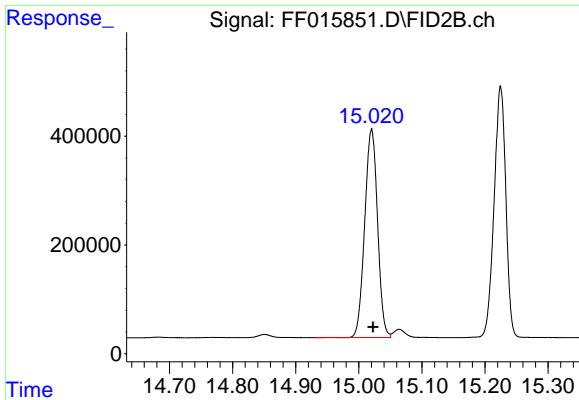
#7 N-EICOSANE

R.T.: 12.921 min
 Delta R.T.: -0.006 min
 Response: 6097403
 Conc: 46.74 ug/ml



#8 N-DOCOSANE

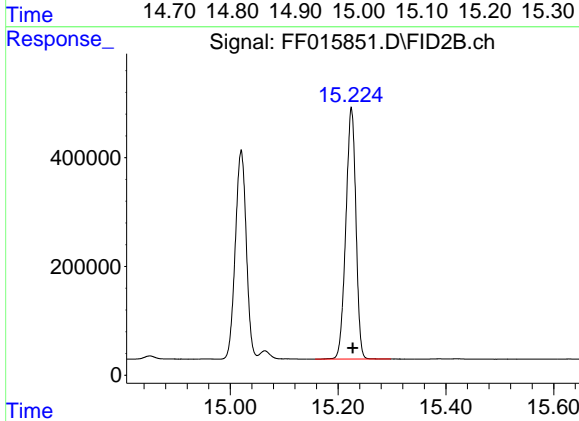
R.T.: 14.120 min
 Delta R.T.: -0.004 min
 Response: 5992526
 Conc: 47.04 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

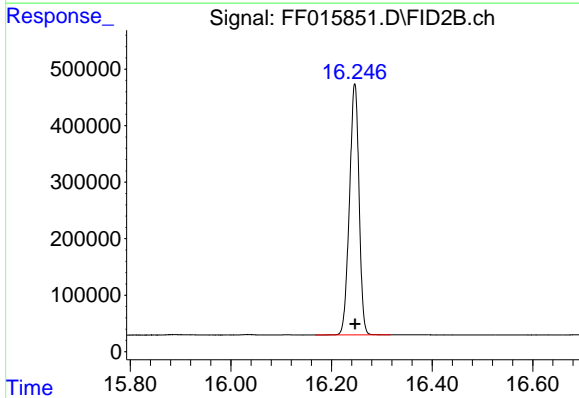
R.T.: 15.020 min
Delta R.T.: -0.002 min
Response: 5416282
Conc: 48.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



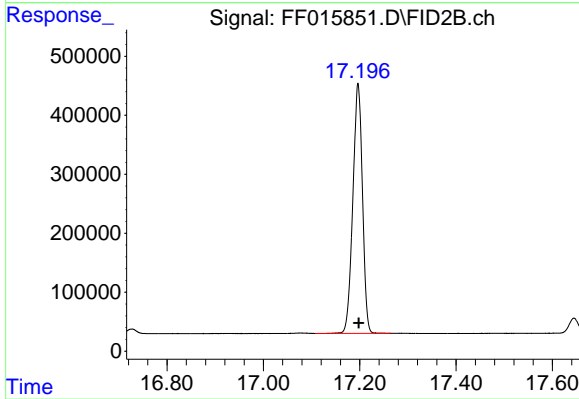
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: -0.003 min
Response: 5985264
Conc: 47.58 ug/ml



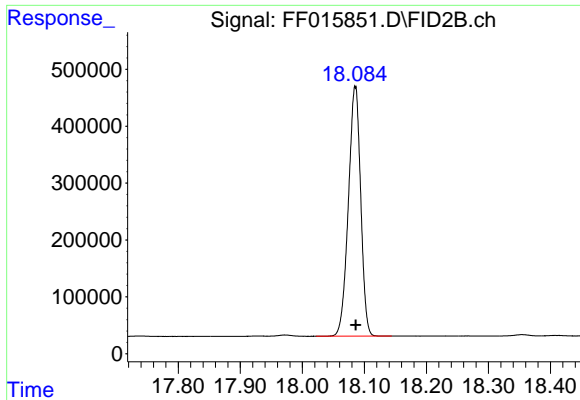
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: 0.000 min
Response: 5879573
Conc: 48.23 ug/ml



#12 N-OCTACOSANE

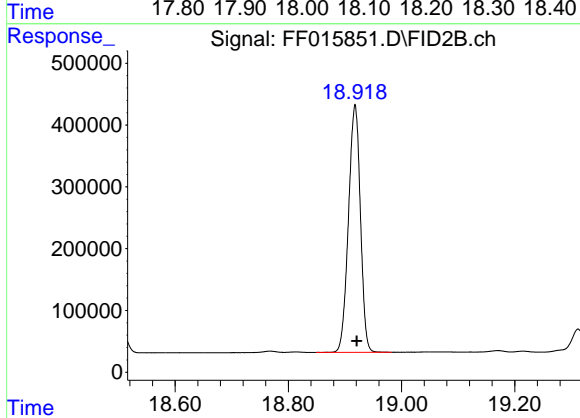
R.T.: 17.197 min
Delta R.T.: -0.002 min
Response: 5885058
Conc: 49.73 ug/ml



#13 N-TRIACONTANE

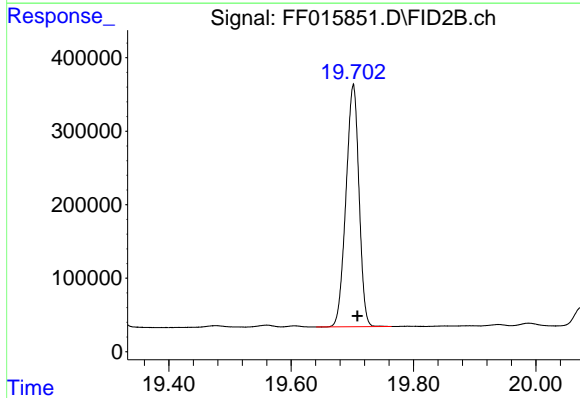
R.T.: 18.085 min
 Delta R.T.: 0.000 min
 Response: 6048254
 Conc: 51.32 ug/ml

Instrument : FID_F
 ClientSampleId : 50 PPM TRPH STD



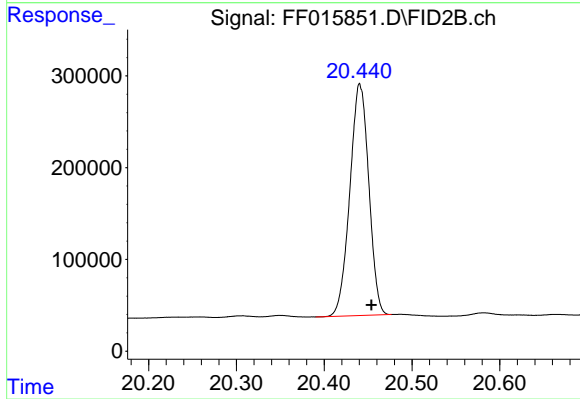
#14 N-DOTRIACONTANE

R.T.: 18.918 min
 Delta R.T.: -0.003 min
 Response: 5854349
 Conc: 51.39 ug/ml



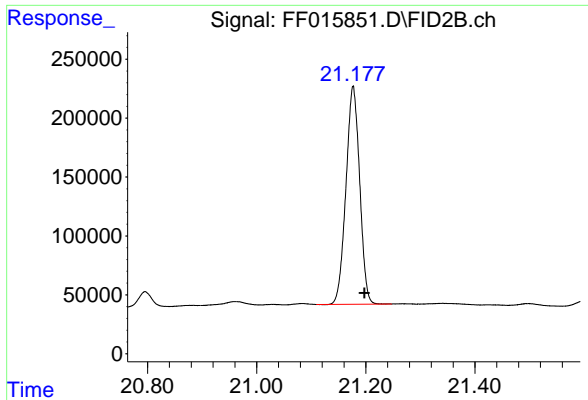
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
 Delta R.T.: -0.007 min
 Response: 4871486
 Conc: 48.83 ug/ml



#16 N-HEXATRIACONTANE

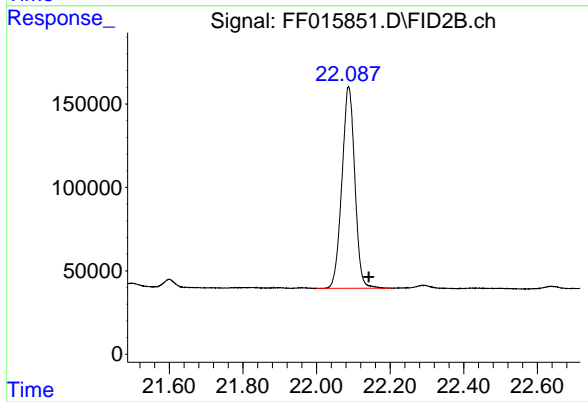
R.T.: 20.441 min
 Delta R.T.: -0.013 min
 Response: 3788127
 Conc: 47.48 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.177 min
Delta R.T.: -0.021 min
Response: 3226591
Conc: 56.82 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.087 min
Delta R.T.: -0.055 min
Response: 2942530
Conc: 72.36 ug/ml