

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
 Data File : FF016127.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jul 2025 17:06
 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 10 02:52:09 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...	15.104	6207401	51.410 ug/ml
Target Compounds			
1) N-OCTANE	2.074	7020313	55.326 ug/ml
2) N-DECANE	4.617	7205553	54.995 ug/ml
3) N-DODECANE	6.796	7202488	54.090 ug/ml
4) N-TETRADECANE	8.630	7151306	53.358 ug/ml
5) N-HEXADECANE	10.240	7151442	52.952 ug/ml
6) N-OCTADECANE	11.687	7271790	52.454 ug/ml
7) N-EICOSANE	13.001	7280266	52.137 ug/ml
8) N-DOCOSANE	14.203	7048119	51.875 ug/ml
10) N-TETRACOSANE	15.309	6996682	51.625 ug/ml
11) N-HEXACOSANE	16.333	6862594	51.123 ug/ml
12) N-OCTACOSANE	17.286	6740636	51.058 ug/ml
13) N-TRIACONTANE	18.177	6788872	51.406 ug/ml
14) N-DOTRIACONTANE	19.012	6618787	52.023 ug/ml
15) N-TETRATRIACONTANE	19.799	6182971	55.289 ug/ml
16) N-HEXATRIACONTANE	20.540	5754286	61.547 ug/ml
17) N-OCTATRIACONTANE	21.310	5561967	68.497 ug/ml
18) N-TETRACONTANE	22.276f	3380178	48.199 ug/ml

(f)=RT Delta > 1/2 Window

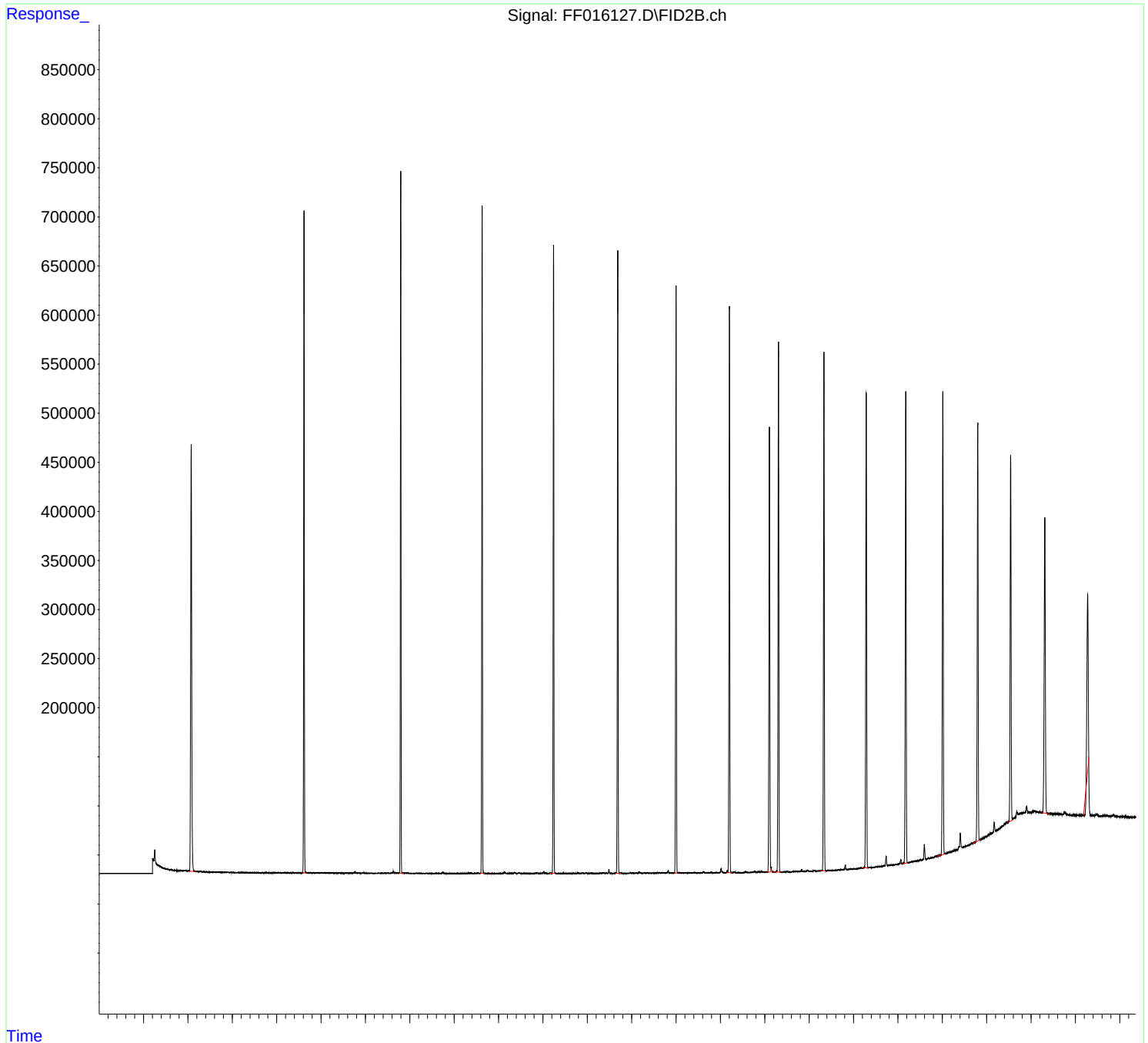
(m)=manual int.

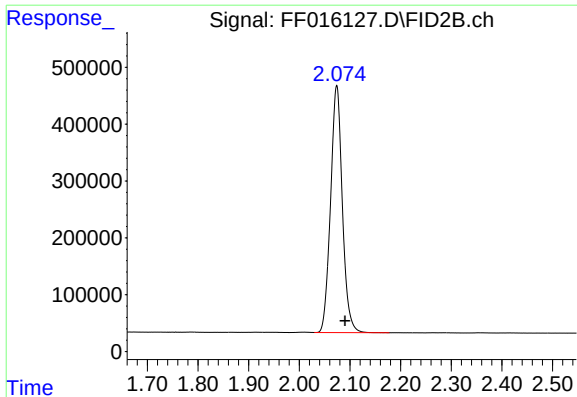
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

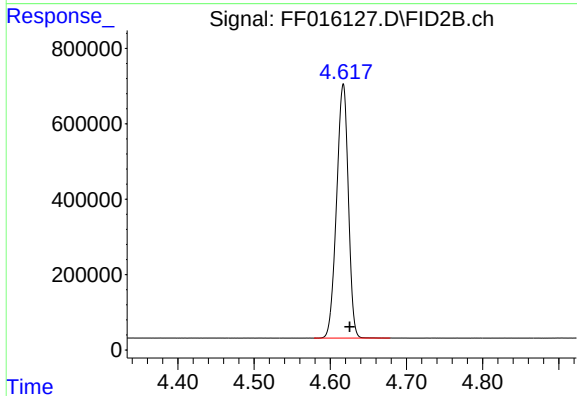




#1 N-OCTANE

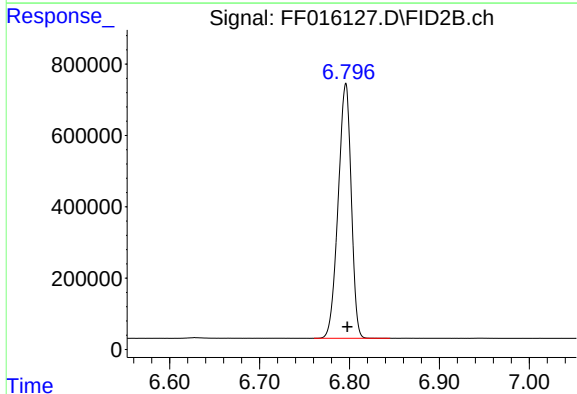
R.T.: 2.074 min
Delta R.T.: -0.016 min
Response: 7020313
Conc: 55.33 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



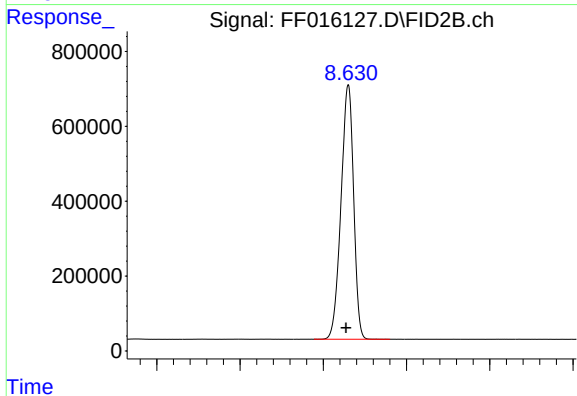
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: -0.008 min
Response: 7205553
Conc: 54.99 ug/ml



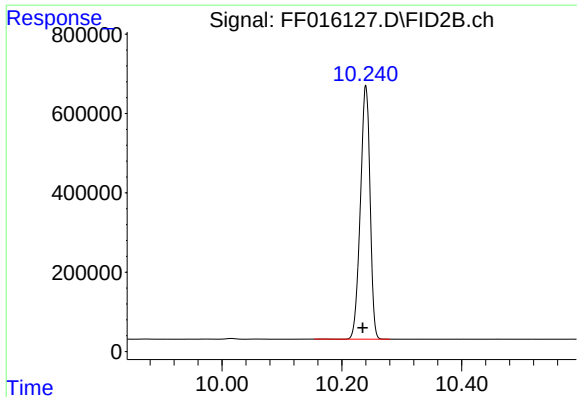
#3 N-DODECANE

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 7202488
Conc: 54.09 ug/ml



#4 N-TETRADECANE

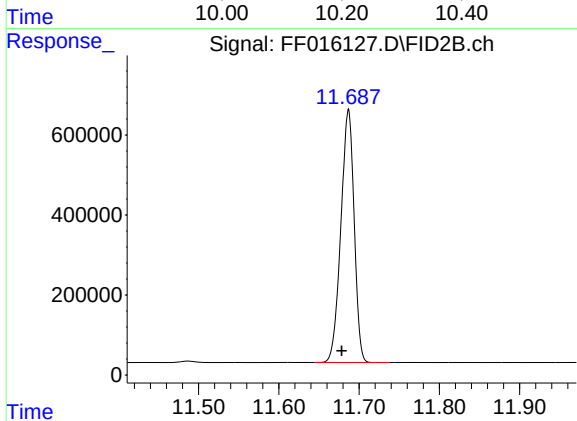
R.T.: 8.630 min
Delta R.T.: 0.003 min
Response: 7151306
Conc: 53.36 ug/ml



#5 N-HEXADECANE

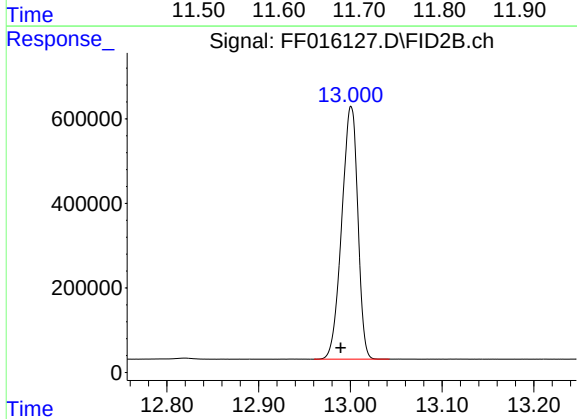
R.T.: 10.240 min
Delta R.T.: 0.005 min
Response: 7151442
Conc: 52.95 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



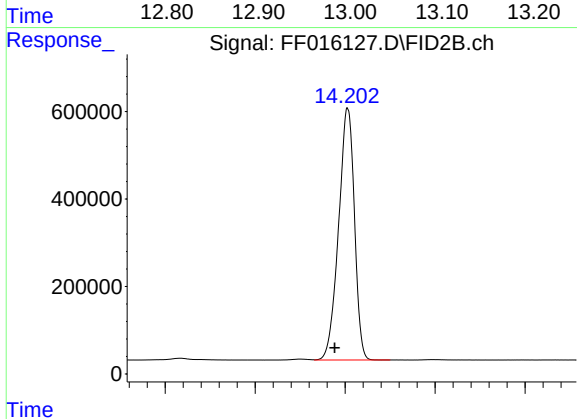
#6 N-OCTADECANE

R.T.: 11.687 min
Delta R.T.: 0.008 min
Response: 7271790
Conc: 52.45 ug/ml



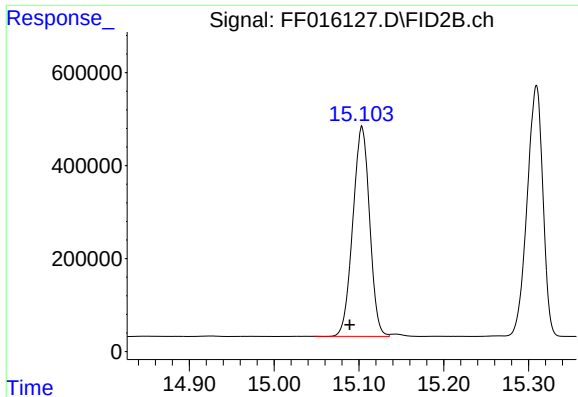
#7 N-EICOSANE

R.T.: 13.001 min
Delta R.T.: 0.011 min
Response: 7280266
Conc: 52.14 ug/ml



#8 N-DOCOSANE

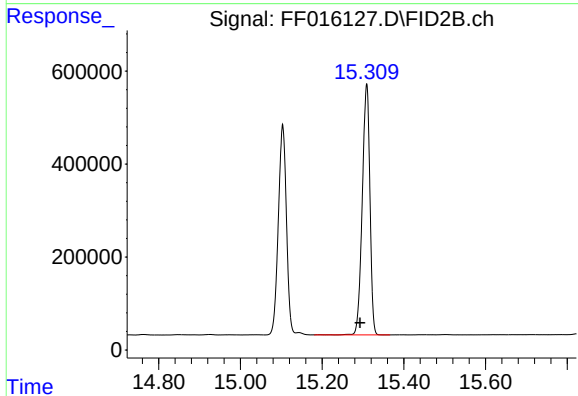
R.T.: 14.203 min
Delta R.T.: 0.015 min
Response: 7048119
Conc: 51.87 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

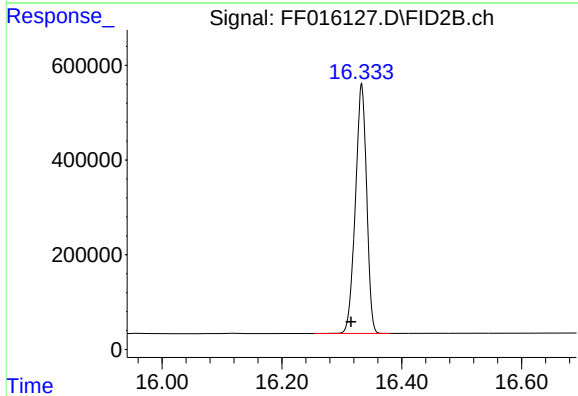
R.T.: 15.104 min
Delta R.T.: 0.014 min
Response: 6207401
Conc: 51.41 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



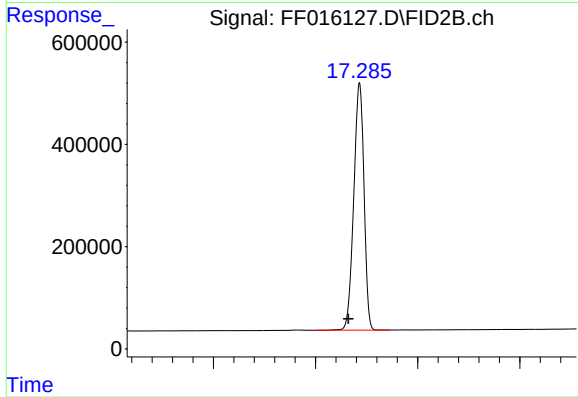
#10 N-TETRACOSANE

R.T.: 15.309 min
Delta R.T.: 0.016 min
Response: 6996682
Conc: 51.63 ug/ml



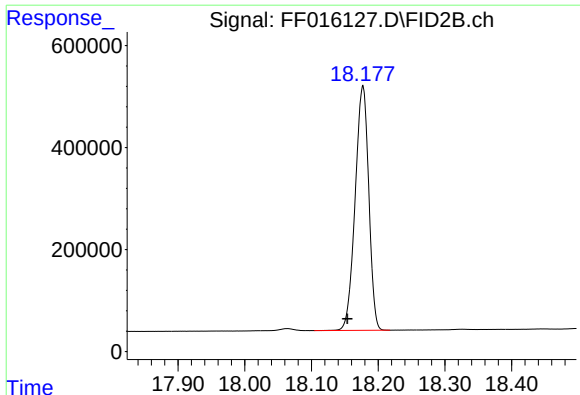
#11 N-HEXACOSANE

R.T.: 16.333 min
Delta R.T.: 0.018 min
Response: 6862594
Conc: 51.12 ug/ml



#12 N-OCTACOSANE

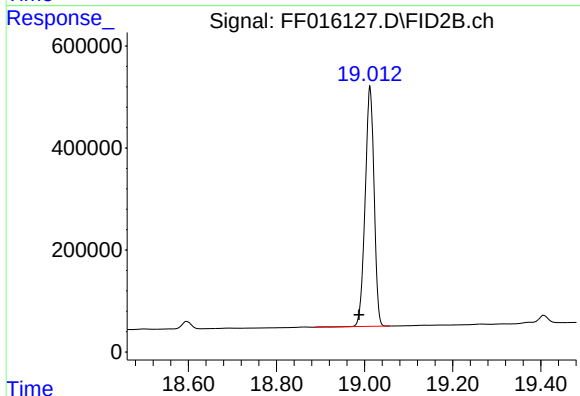
R.T.: 17.286 min
Delta R.T.: 0.022 min
Response: 6740636
Conc: 51.06 ug/ml



#13 N-TRIACONTANE

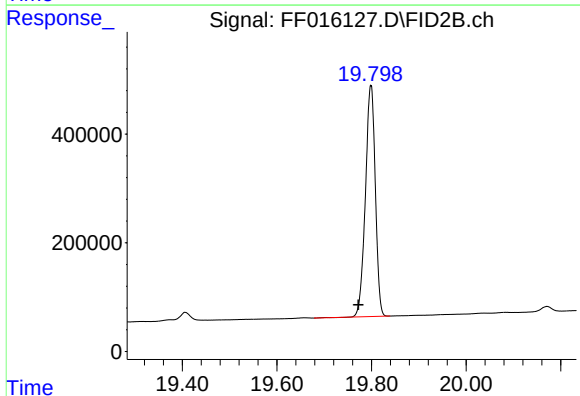
R.T.: 18.177 min
Delta R.T.: 0.023 min
Response: 6788872
Conc: 51.41 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



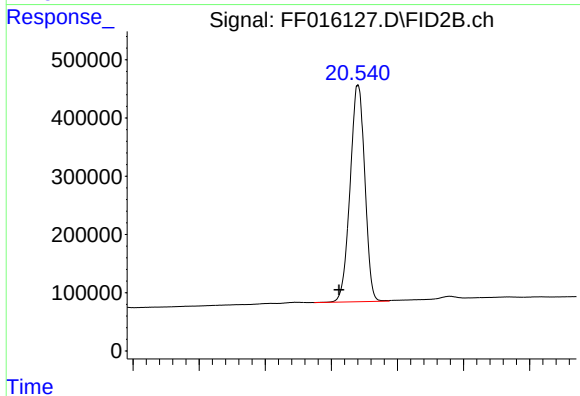
#14 N-DOTRIACONTANE

R.T.: 19.012 min
Delta R.T.: 0.025 min
Response: 6618787
Conc: 52.02 ug/ml



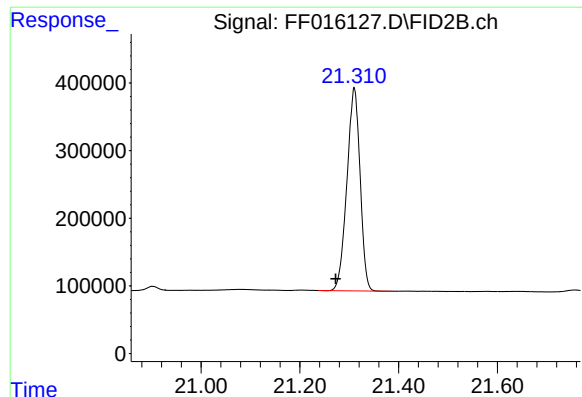
#15 N-TETRATRIACONTANE

R.T.: 19.799 min
Delta R.T.: 0.027 min
Response: 6182971
Conc: 55.29 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.540 min
Delta R.T.: 0.028 min
Response: 5754286
Conc: 61.55 ug/ml



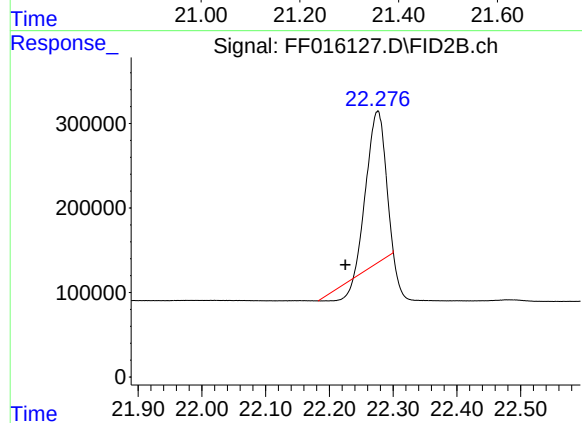
#17 N-OCTATRIACONTANE

R.T.: 21.310 min
Delta R.T.: 0.038 min
Response: 5561967
Conc: 68.50 ug/ml

Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.276 min
Delta R.T.: 0.051 min
Response: 3380178
Conc: 48.20 ug/ml