

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071725\
 Data File : FF016185.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 11:59
 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 18 04:09:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.092	4748188	48.762 ug/ml
Target Compounds			
1) N-OCTANE	2.059	5617771	45.038 ug/ml
2) N-DECANE	4.604	6119453	49.170 ug/ml
3) N-DODECANE	6.784	6200726	50.886 ug/ml
4) N-TETRADECANE	8.619	6152265	51.175 ug/ml
5) N-HEXADECANE	10.229	6025100	51.796 ug/ml
6) N-OCTADECANE	11.676	5942868	51.140 ug/ml
7) N-EICOSANE	12.989	5774761	49.377 ug/ml
8) N-DOCOSANE	14.191	5449448	48.602 ug/ml
10) N-TETRACOSANE	15.298	5331815	48.073 ug/ml
11) N-HEXACOSANE	16.321	5233498	48.740 ug/ml
12) N-OCTACOSANE	17.275	5192152	48.284 ug/ml
13) N-TRIACONTANE	18.165	5346567	49.363 ug/ml
14) N-DOTRIACONTANE	19.002	5316051	50.695 ug/ml
15) N-TETRATRIACONTANE	19.788	4911133	51.190 ug/ml
16) N-HEXATRIACONTANE	20.529	4447220	53.309 ug/ml
17) N-OCTATRIACONTANE	21.296	4285149	58.186 ug/ml
18) N-TETRACONTANE	22.256	4274108	62.837 ug/ml

(f)=RT Delta > 1/2 Window

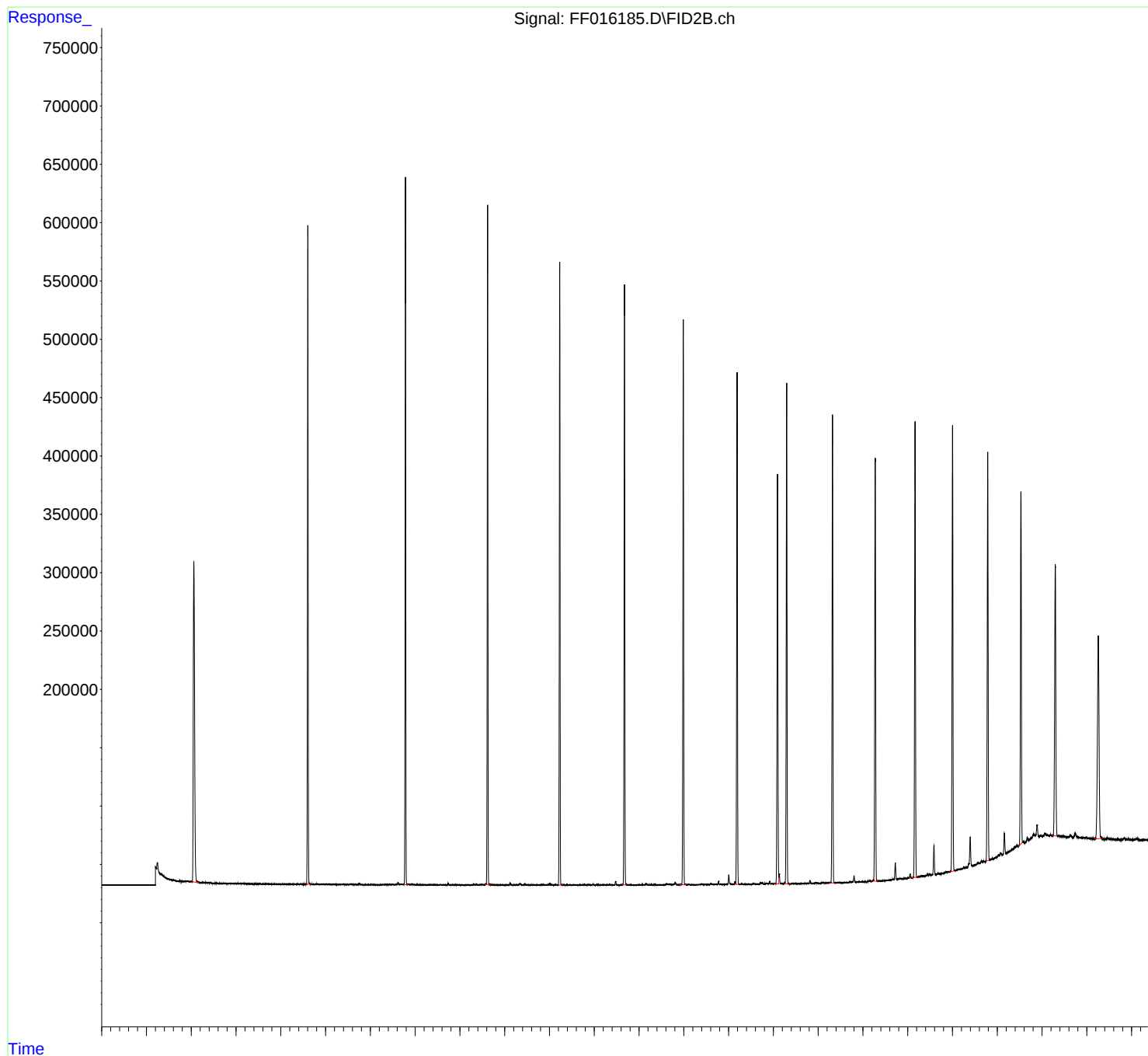
(m)=manual int.

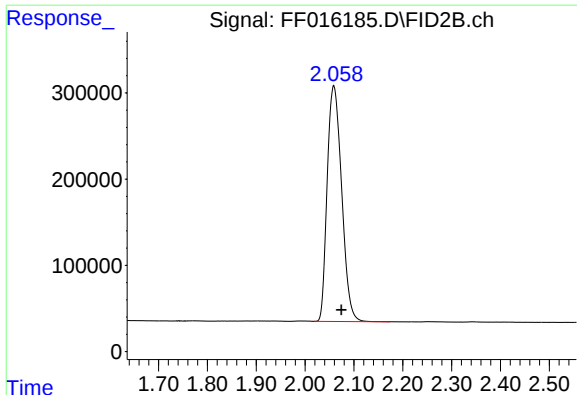
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

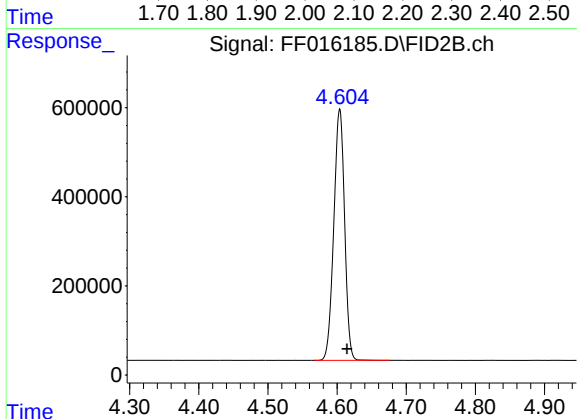




#1 N-OCTANE

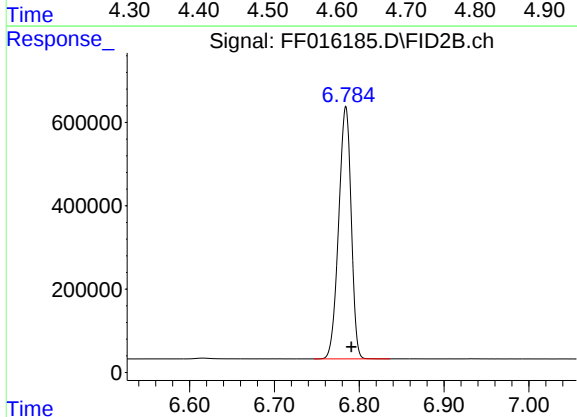
R.T.: 2.059 min
Delta R.T.: -0.015 min
Response: 5617771
Conc: 45.04 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



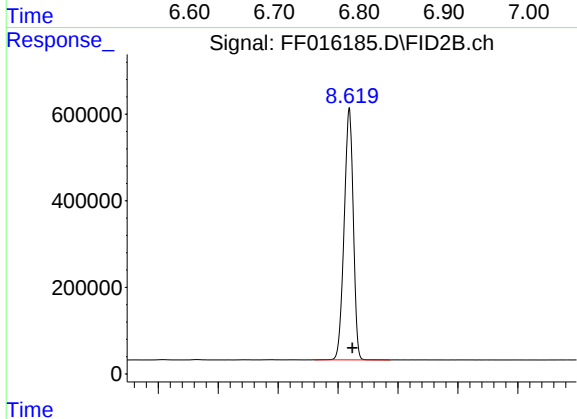
#2 N-DECANE

R.T.: 4.604 min
Delta R.T.: -0.010 min
Response: 6119453
Conc: 49.17 ug/ml



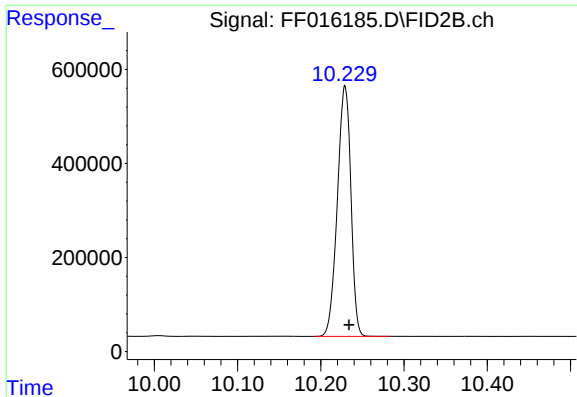
#3 N-DODECANE

R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 6200726
Conc: 50.89 ug/ml



#4 N-TETRADECANE

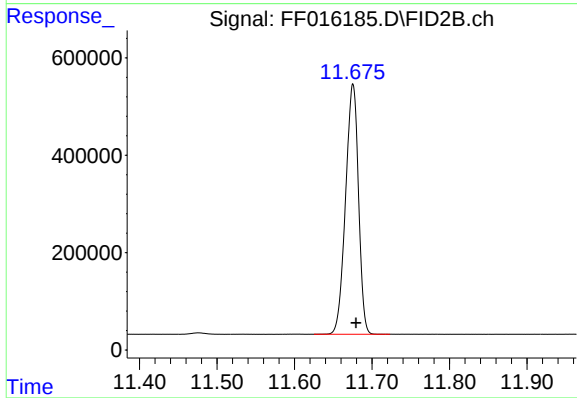
R.T.: 8.619 min
Delta R.T.: -0.005 min
Response: 6152265
Conc: 51.17 ug/ml



#5 N-HEXADECANE

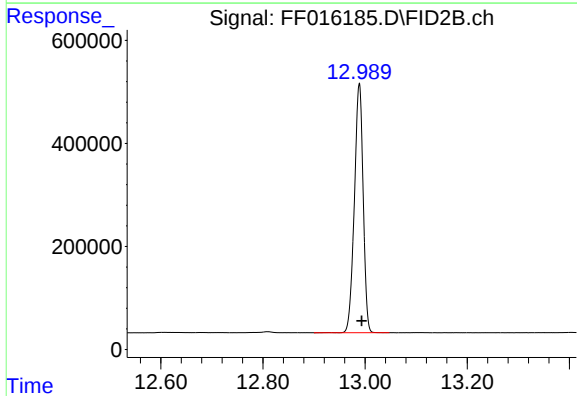
R.T.: 10.229 min
Delta R.T.: -0.005 min
Response: 6025100
Conc: 51.80 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



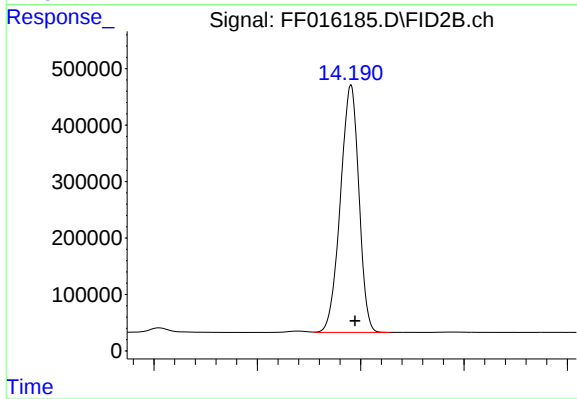
#6 N-OCTADECANE

R.T.: 11.676 min
Delta R.T.: -0.004 min
Response: 5942868
Conc: 51.14 ug/ml



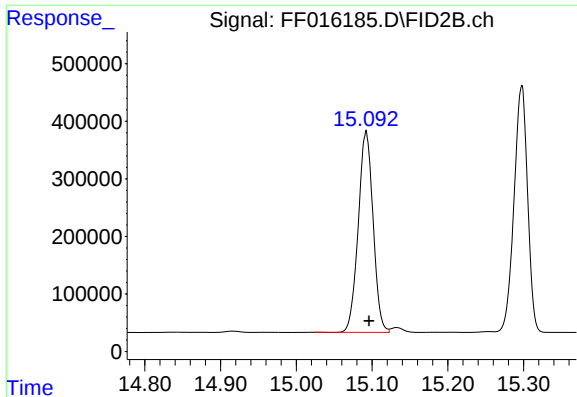
#7 N-EICOSANE

R.T.: 12.989 min
Delta R.T.: -0.004 min
Response: 5774761
Conc: 49.38 ug/ml



#8 N-DOCOSANE

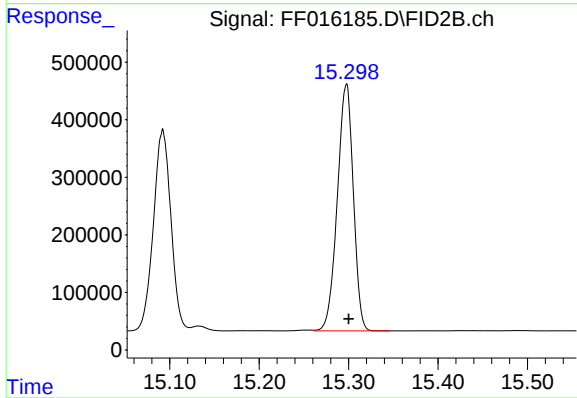
R.T.: 14.191 min
Delta R.T.: -0.004 min
Response: 5449448
Conc: 48.60 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

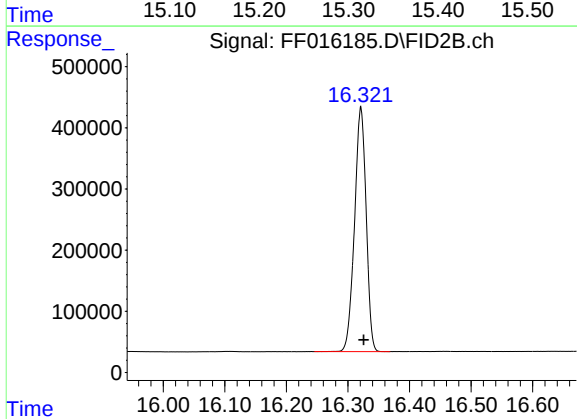
R.T.: 15.092 min
Delta R.T.: -0.004 min
Response: 4748188
Conc: 48.76 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



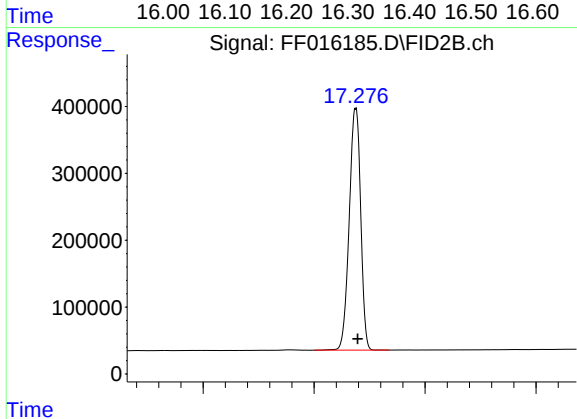
#10 N-TETRACOSANE

R.T.: 15.298 min
Delta R.T.: -0.003 min
Response: 5331815
Conc: 48.07 ug/ml



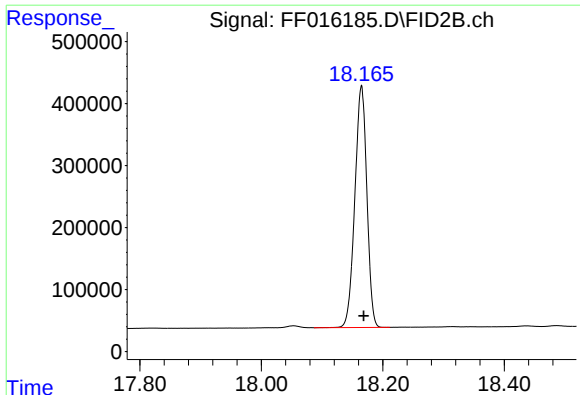
#11 N-HEXACOSANE

R.T.: 16.321 min
Delta R.T.: -0.004 min
Response: 5233498
Conc: 48.74 ug/ml



#12 N-OCTACOSANE

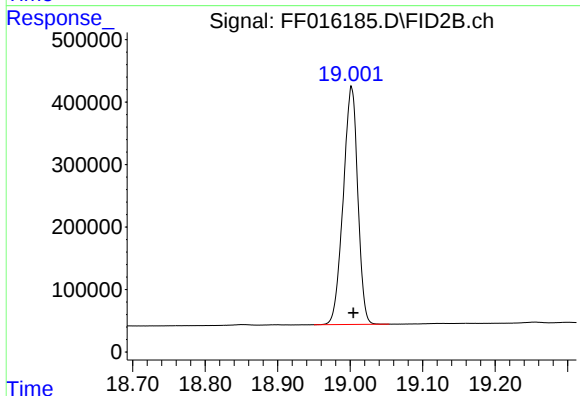
R.T.: 17.275 min
Delta R.T.: -0.004 min
Response: 5192152
Conc: 48.28 ug/ml



#13 N-TRIACONTANE

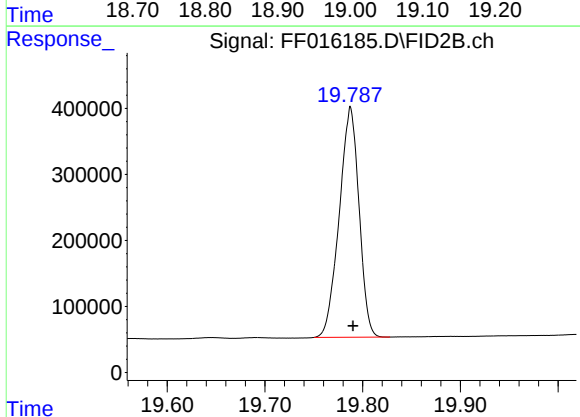
R.T.: 18.165 min
Delta R.T.: -0.004 min
Response: 5346567
Conc: 49.36 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



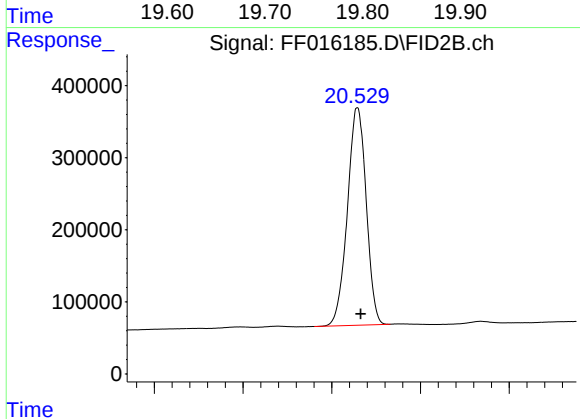
#14 N-DOTRIACONTANE

R.T.: 19.002 min
Delta R.T.: -0.002 min
Response: 5316051
Conc: 50.69 ug/ml



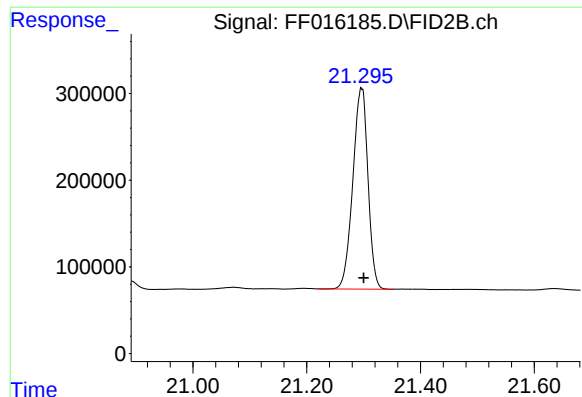
#15 N-TETRATRIACONTANE

R.T.: 19.788 min
Delta R.T.: -0.003 min
Response: 4911133
Conc: 51.19 ug/ml



#16 N-HEXATRIACONTANE

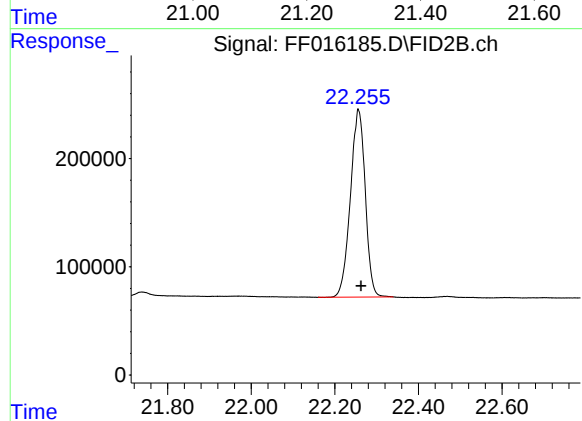
R.T.: 20.529 min
Delta R.T.: -0.004 min
Response: 4447220
Conc: 53.31 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.296 min
Delta R.T.: -0.004 min
Response: 4285149
Conc: 58.19 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.256 min
Delta R.T.: -0.006 min
Response: 4274108
Conc: 62.84 ug/ml