

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050725\
 Data File : FF015805.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2025 17:39
 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 08 03:13:36 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...	15.021	5247649	46.502 ug/ml
Target Compounds			
1) N-OCTANE	2.025	4753852	41.934 ug/ml
2) N-DECANE	4.564	5296970	51.908 ug/ml
3) N-DODECANE	6.732	5559617	50.775 ug/ml
4) N-TETRADECANE	8.560	5565709	48.221 ug/ml
5) N-HEXADECANE	10.167	5658787	47.948 ug/ml
6) N-OCTADECANE	11.611	5852822	46.526 ug/ml
7) N-EICOSANE	12.921	5854801	44.879 ug/ml
8) N-DOCOSANE	14.121	5760069	45.220 ug/ml
10) N-TETRACOSANE	15.225	5763753	45.821 ug/ml
11) N-HEXACOSANE	16.248	5656519	46.404 ug/ml
12) N-OCTACOSANE	17.198	5625989	47.545 ug/ml
13) N-TRIACONTANE	18.087	5703776	48.395 ug/ml
14) N-DOTRIACONTANE	18.919	5477525	48.080 ug/ml
15) N-TETRATRIACONTANE	19.702	4623484	46.343 ug/ml
16) N-HEXATRIACONTANE	20.440	3697042	46.338 ug/ml
17) N-OCTATRIACONTANE	21.176	3137937	55.259 ug/ml
18) N-TETRACONTANE	22.085f	2879124	70.801 ug/ml

(f)=RT Delta > 1/2 Window

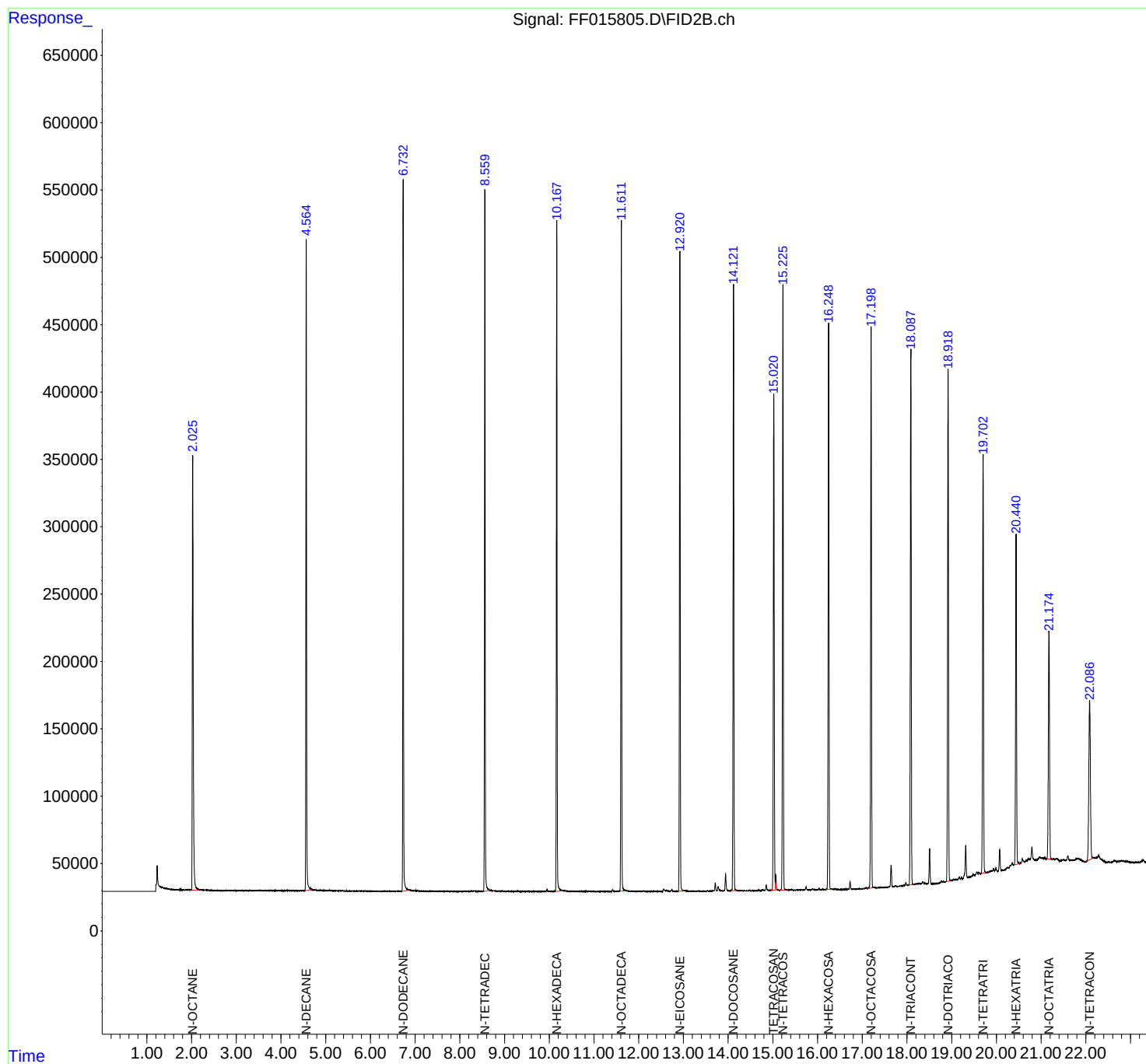
(m)=manual int.

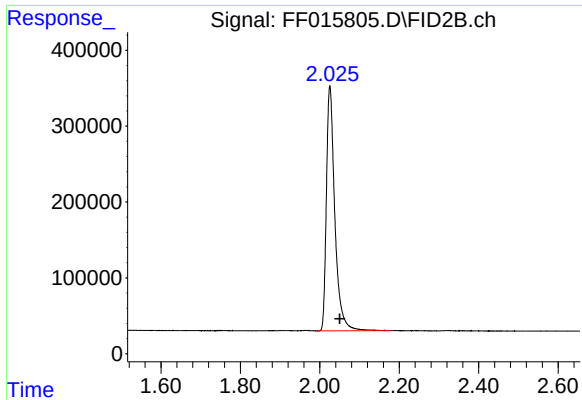
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

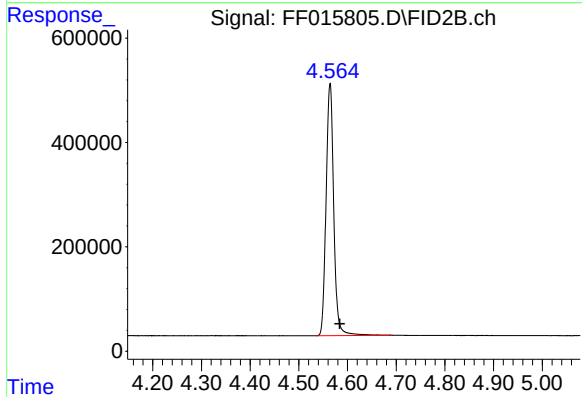




#1 N-OCTANE

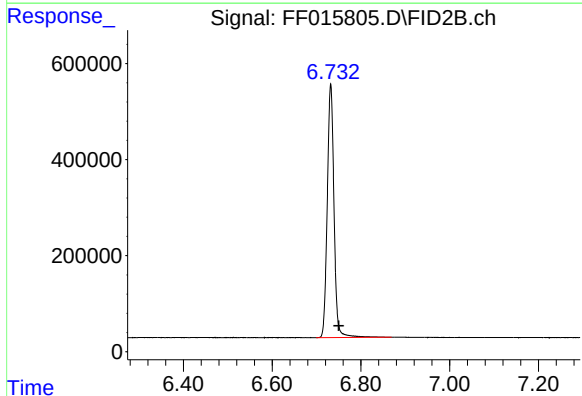
R.T.: 2.025 min
Delta R.T.: -0.025 min
Response: 4753852
Conc: 41.93 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



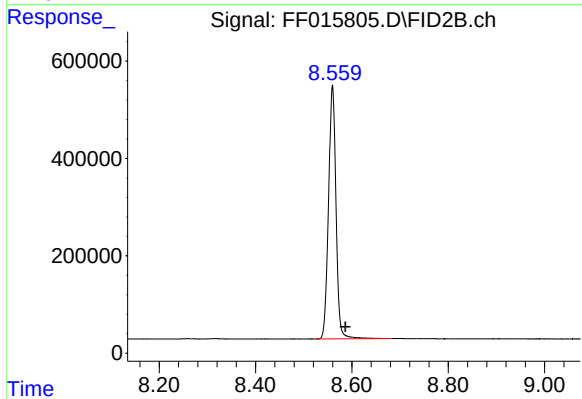
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.020 min
Response: 5296970
Conc: 51.91 ug/ml



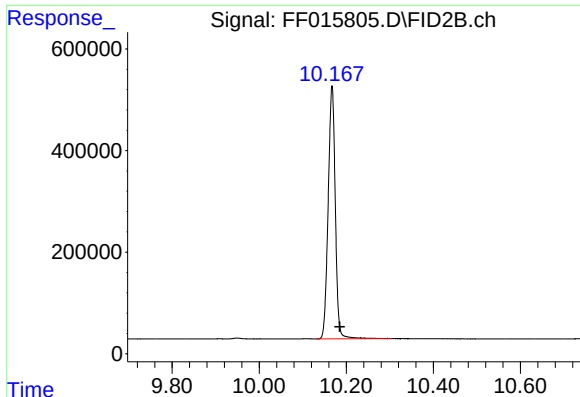
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.018 min
Response: 5559617
Conc: 50.77 ug/ml



#4 N-TETRADECANE

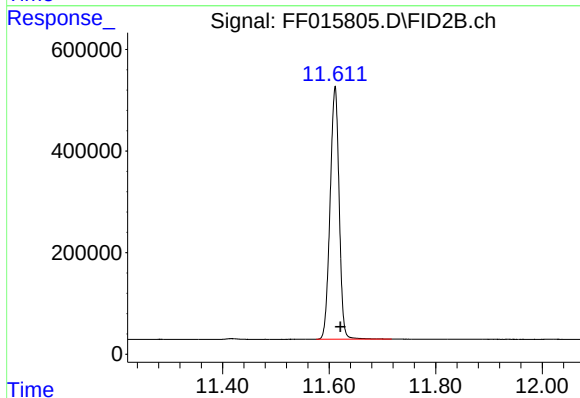
R.T.: 8.560 min
Delta R.T.: -0.027 min
Response: 5565709
Conc: 48.22 ug/ml



#5 N-HEXADECANE

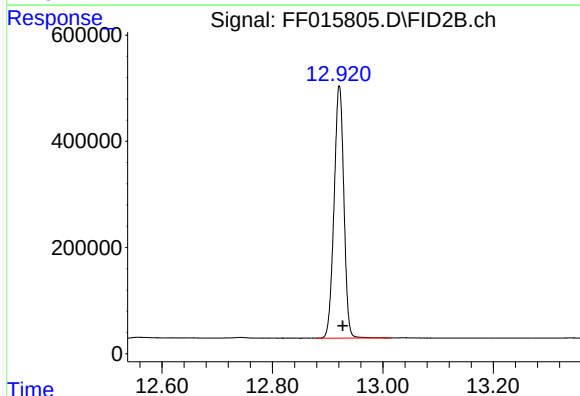
R.T.: 10.167 min
Delta R.T.: -0.017 min
Response: 5658787
Conc: 47.95 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



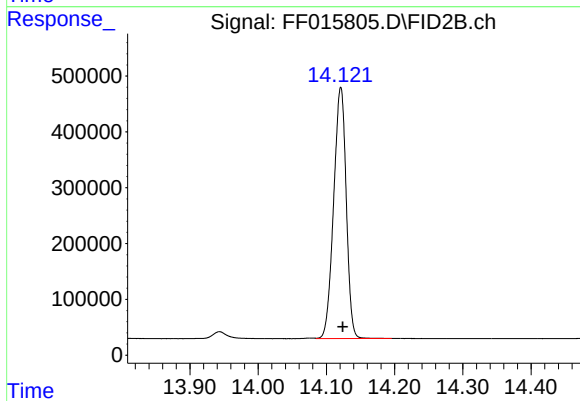
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.010 min
Response: 5852822
Conc: 46.53 ug/ml



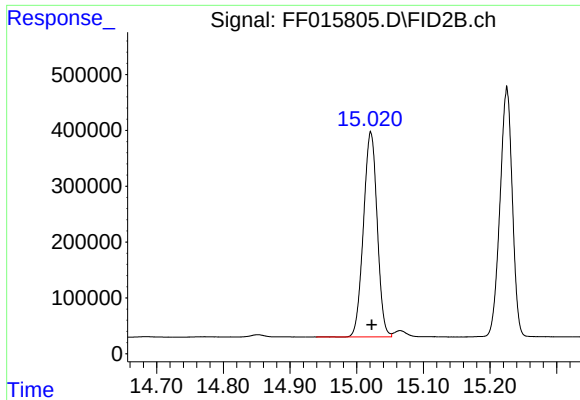
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.006 min
Response: 5854801
Conc: 44.88 ug/ml



#8 N-DOCOSANE

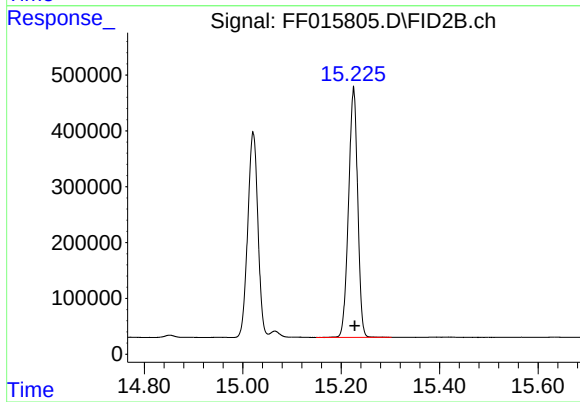
R.T.: 14.121 min
Delta R.T.: -0.003 min
Response: 5760069
Conc: 45.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

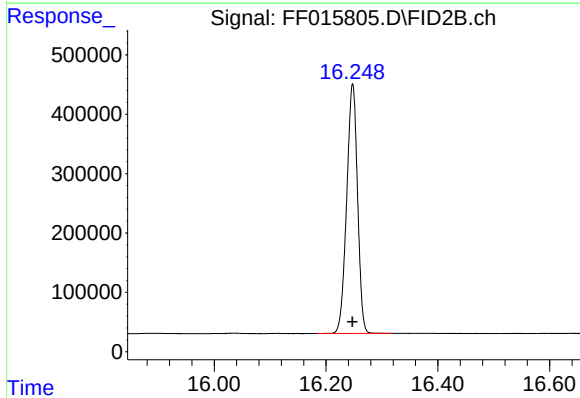
R.T.: 15.021 min
Delta R.T.: -0.001 min
Response: 5247649
Conc: 46.50 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



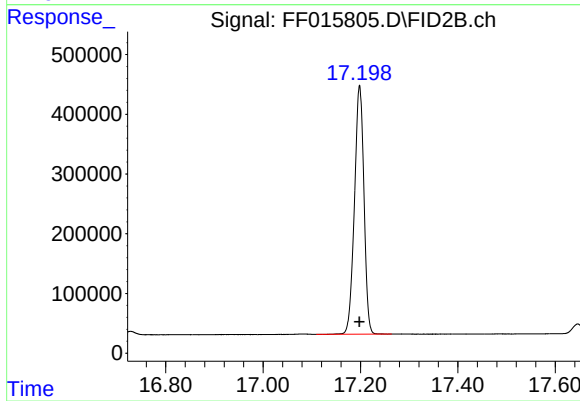
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: -0.002 min
Response: 5763753
Conc: 45.82 ug/ml



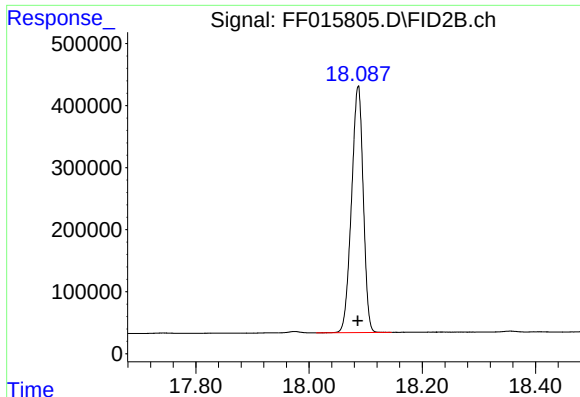
#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: 0.000 min
Response: 5656519
Conc: 46.40 ug/ml



#12 N-OCTACOSANE

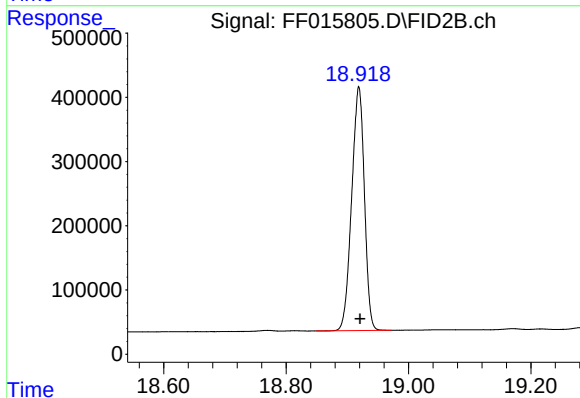
R.T.: 17.198 min
Delta R.T.: 0.000 min
Response: 5625989
Conc: 47.54 ug/ml



#13 N-TRIACONTANE

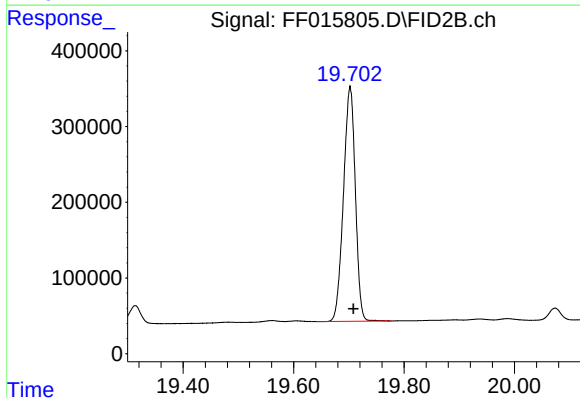
R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 5703776
Conc: 48.39 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



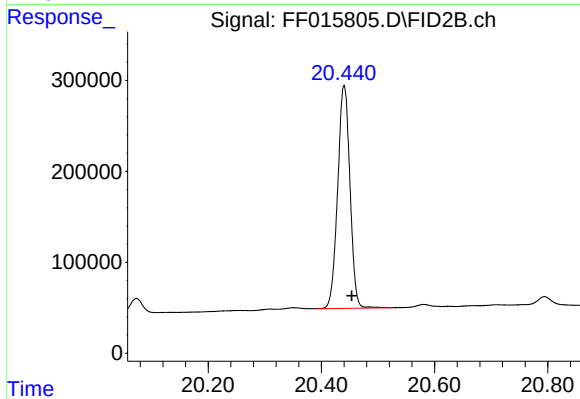
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: -0.002 min
Response: 5477525
Conc: 48.08 ug/ml



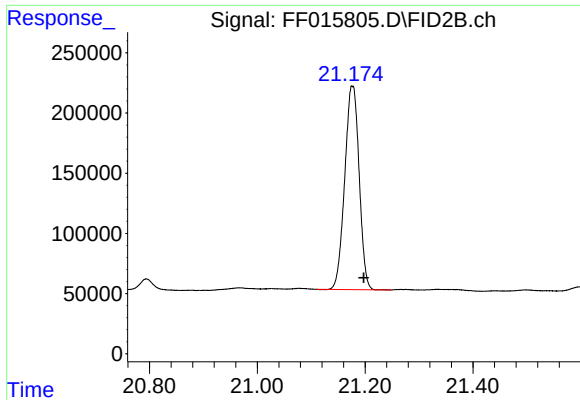
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: -0.006 min
Response: 4623484
Conc: 46.34 ug/ml



#16 N-HEXATRIACONTANE

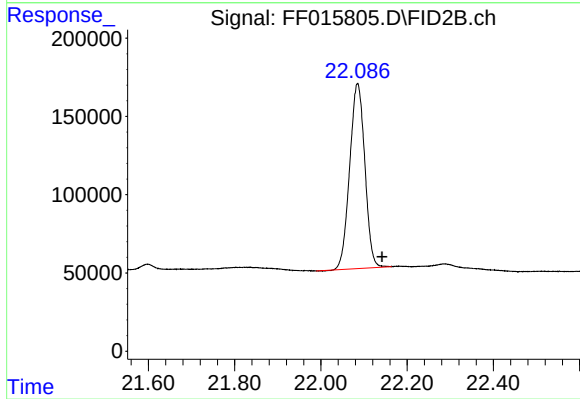
R.T.: 20.440 min
Delta R.T.: -0.013 min
Response: 3697042
Conc: 46.34 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.176 min
Delta R.T.: -0.021 min
Response: 3137937
Conc: 55.26 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.085 min
Delta R.T.: -0.057 min
Response: 2879124
Conc: 70.80 ug/ml