

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071425\
 Data File : FF016160.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2025 19:19
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 15 00:49:31 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...	15.098	4702042	48.288 ug/ml
Target Compounds			
1) N-OCTANE	2.066	5647318	45.275 ug/ml
2) N-DECANE	4.613	6004962	48.250 ug/ml
3) N-DODECANE	6.792	6030962	49.493 ug/ml
4) N-TETRADECANE	8.626	5908055	49.143 ug/ml
5) N-HEXADECANE	10.236	5770714	49.609 ug/ml
6) N-OCTADECANE	11.683	5706056	49.102 ug/ml
7) N-EICOSANE	12.996	5590138	47.798 ug/ml
8) N-DOCOSANE	14.197	5347413	47.692 ug/ml
10) N-TETRACOSANE	15.304	5282240	47.626 ug/ml
11) N-HEXACOSANE	16.328	5208809	48.510 ug/ml
12) N-OCTACOSANE	17.281	5146972	47.864 ug/ml
13) N-TRIACONTANE	18.172	5238509	48.365 ug/ml
14) N-DOTRIACONTANE	19.009	5111792	48.747 ug/ml
15) N-TETRATRIACONTANE	19.794	4603755	47.986 ug/ml
16) N-HEXATRIACONTANE	20.536	3998386	47.929 ug/ml
17) N-OCTATRIACONTANE	21.303	3677061	49.929 ug/ml
18) N-TETRACONTANE	22.265	3509706	51.599 ug/ml

(f)=RT Delta > 1/2 Window

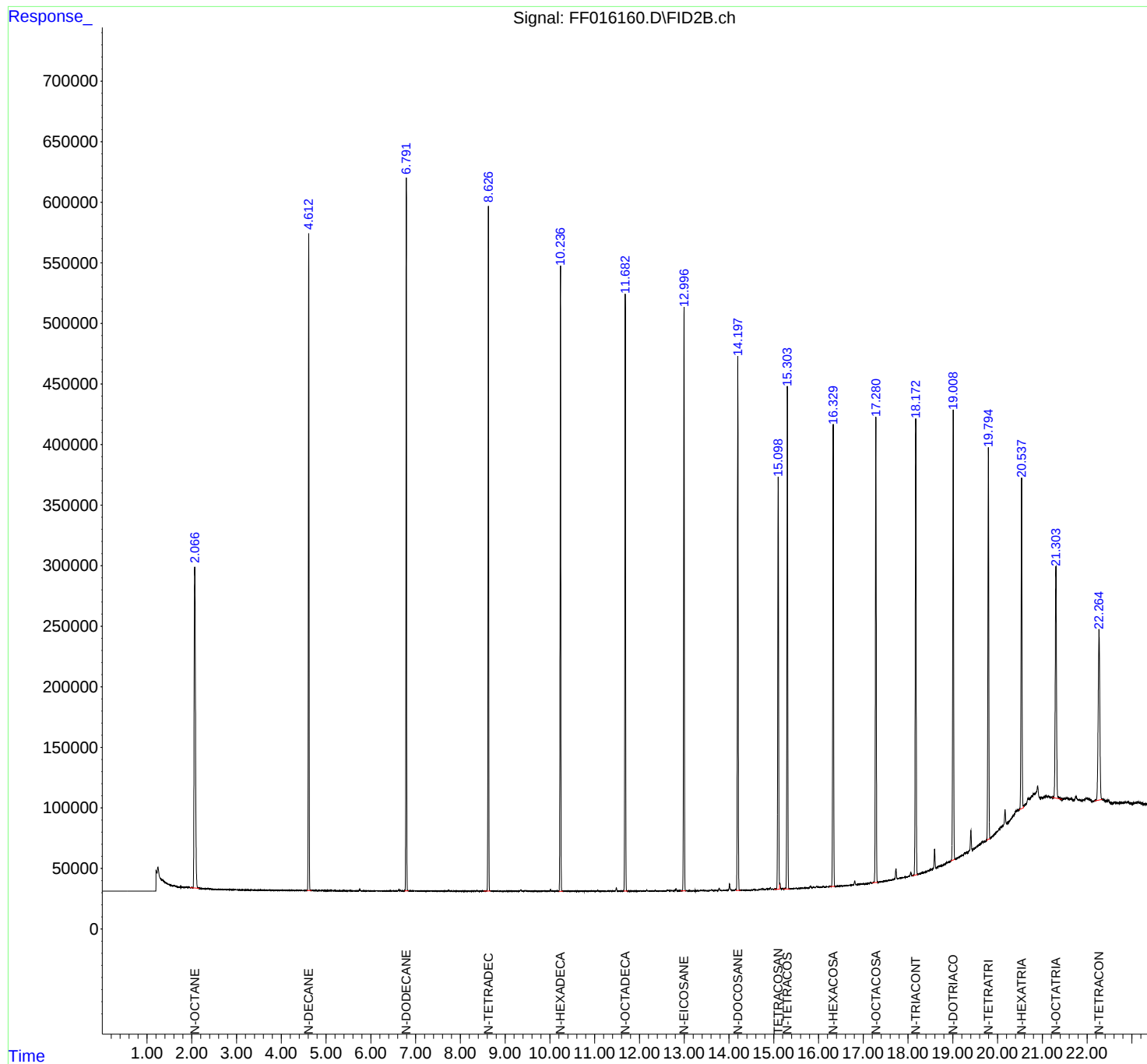
(m)=manual int.

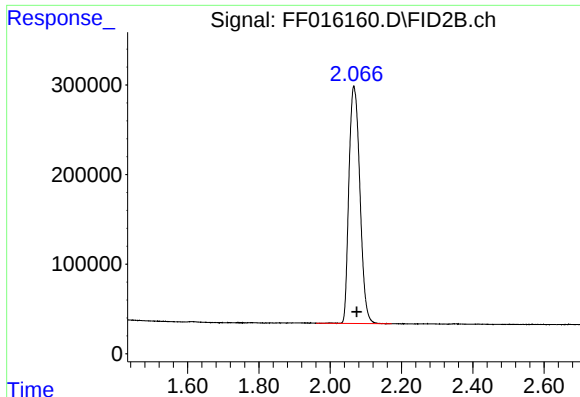
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Signal Info : 20mx0.18mmx0.18um

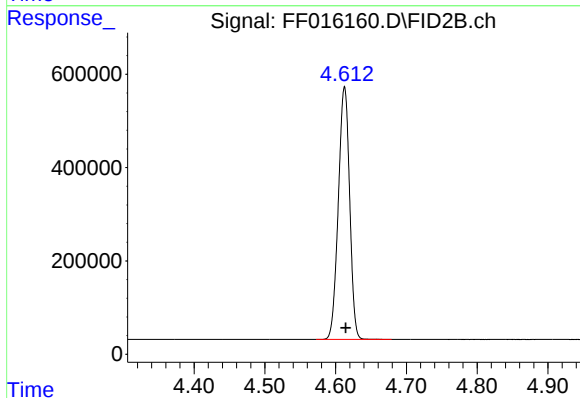




#1 N-OCTANE

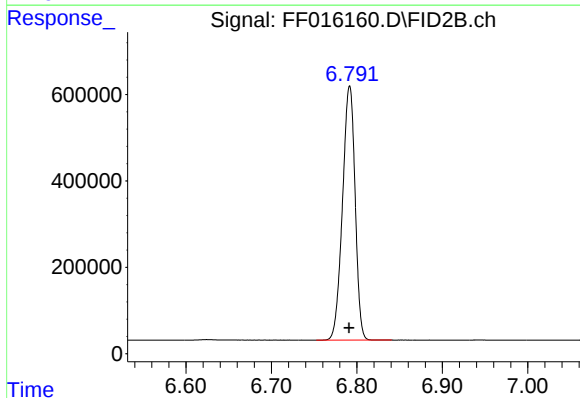
R.T.: 2.066 min
Delta R.T.: -0.008 min
Response: 5647318
Conc: 45.27 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



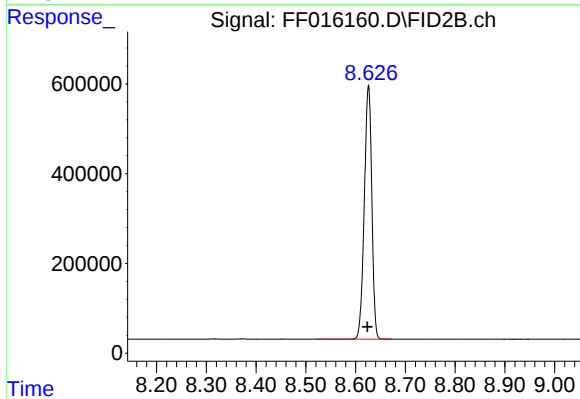
#2 N-DECANE

R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 6004962
Conc: 48.25 ug/ml



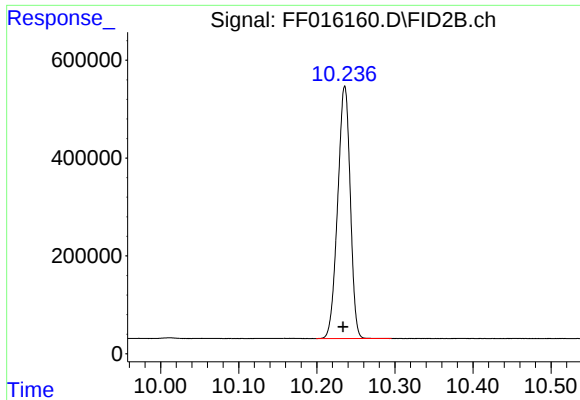
#3 N-DODECANE

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 6030962
Conc: 49.49 ug/ml



#4 N-TETRADECANE

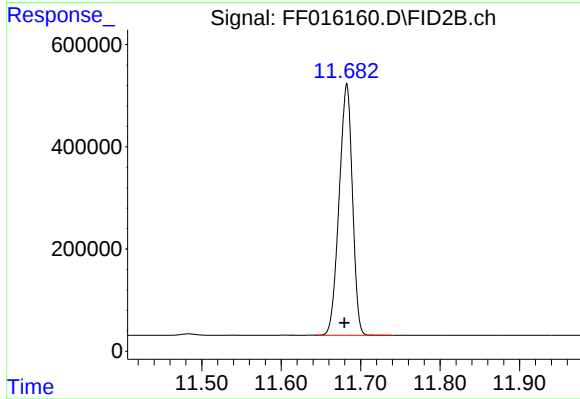
R.T.: 8.626 min
Delta R.T.: 0.002 min
Response: 5908055
Conc: 49.14 ug/ml



#5 N-HEXADECANE

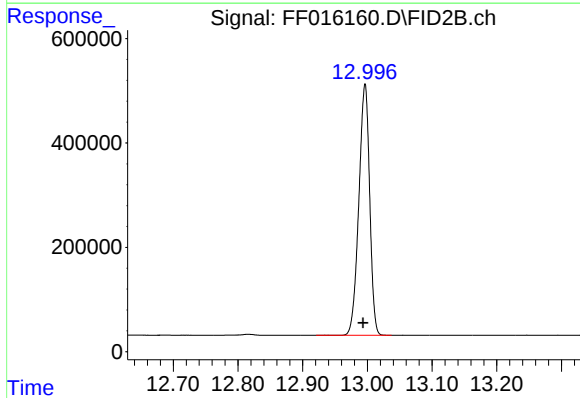
R.T.: 10.236 min
Delta R.T.: 0.002 min
Response: 5770714
Conc: 49.61 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



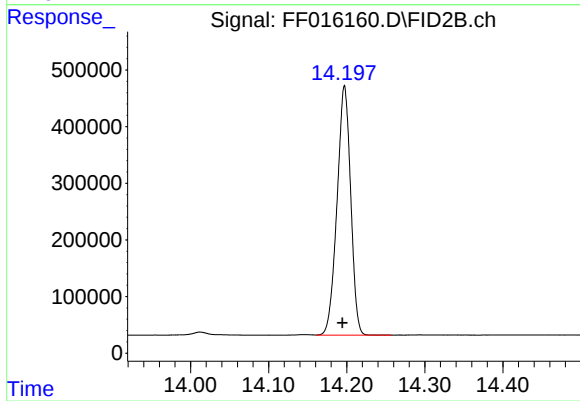
#6 N-OCTADECANE

R.T.: 11.683 min
Delta R.T.: 0.003 min
Response: 5706056
Conc: 49.10 ug/ml



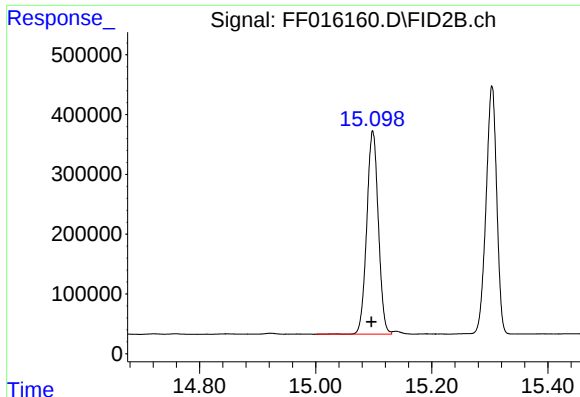
#7 N-EICOSANE

R.T.: 12.996 min
Delta R.T.: 0.003 min
Response: 5590138
Conc: 47.80 ug/ml



#8 N-DOCOSANE

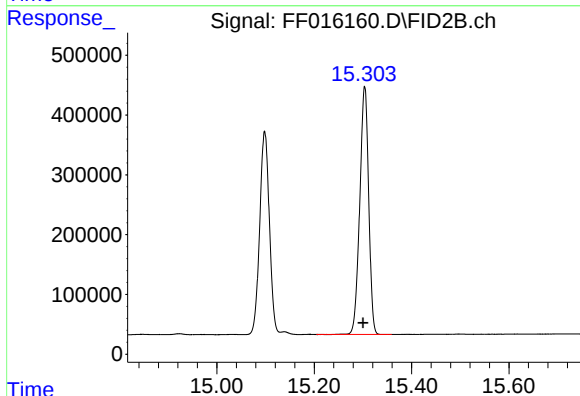
R.T.: 14.197 min
Delta R.T.: 0.003 min
Response: 5347413
Conc: 47.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

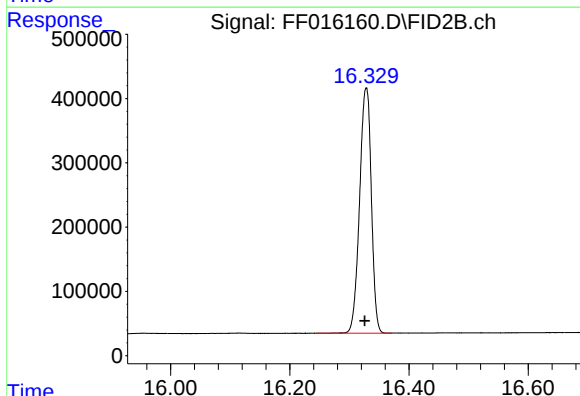
R.T.: 15.098 min
Delta R.T.: 0.002 min
Response: 4702042
Conc: 48.29 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



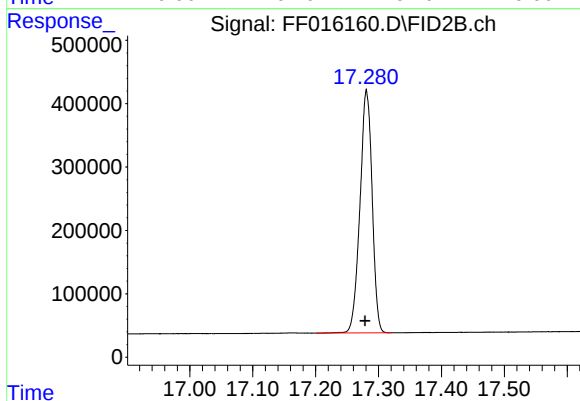
#10 N-TETRACOSANE

R.T.: 15.304 min
Delta R.T.: 0.003 min
Response: 5282240
Conc: 47.63 ug/ml



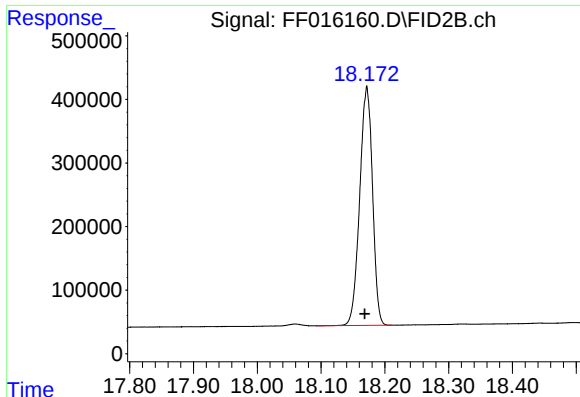
#11 N-HEXACOSANE

R.T.: 16.328 min
Delta R.T.: 0.003 min
Response: 5208809
Conc: 48.51 ug/ml



#12 N-OCTACOSANE

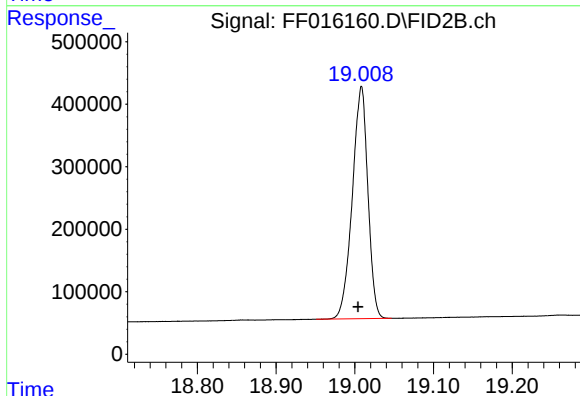
R.T.: 17.281 min
Delta R.T.: 0.002 min
Response: 5146972
Conc: 47.86 ug/ml



#13 N-TRIACONTANE

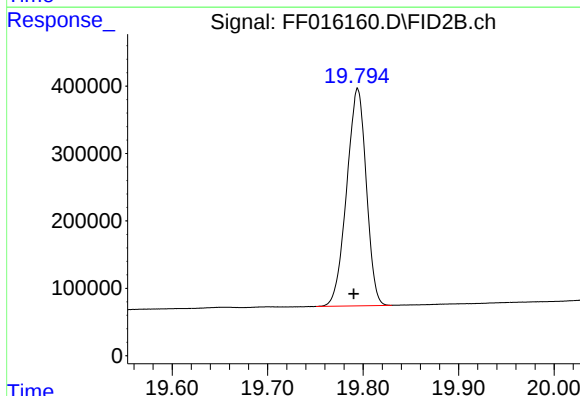
R.T.: 18.172 min
Delta R.T.: 0.003 min
Response: 5238509
Conc: 48.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



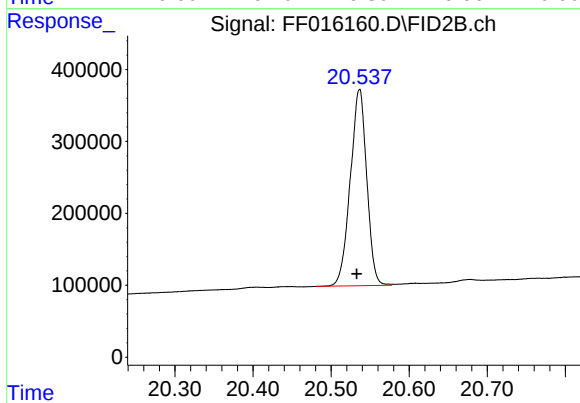
#14 N-DOTRIACONTANE

R.T.: 19.009 min
Delta R.T.: 0.004 min
Response: 5111792
Conc: 48.75 ug/ml



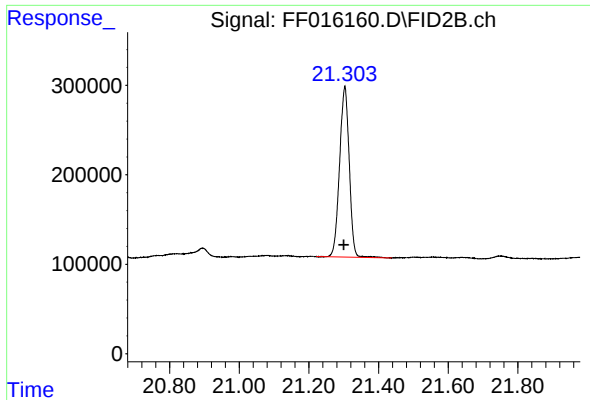
#15 N-TETRATRIACONTANE

R.T.: 19.794 min
Delta R.T.: 0.004 min
Response: 4603755
Conc: 47.99 ug/ml



#16 N-HEXATRIACONTANE

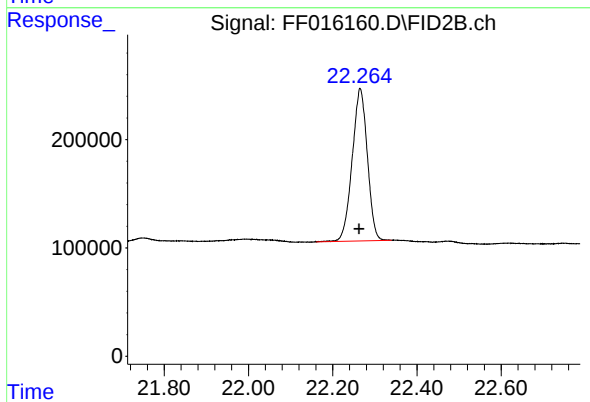
R.T.: 20.536 min
Delta R.T.: 0.004 min
Response: 3998386
Conc: 47.93 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.303 min
Delta R.T.: 0.003 min
Response: 3677061
Conc: 49.93 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.265 min
Delta R.T.: 0.003 min
Response: 3509706
Conc: 51.60 ug/ml