Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051325\
Data File : FF015832.D
Signal(s) : FID2B.ch
Acq On : 13 May 2025 15:25
Operator : YP\AJ
Sample : PB167981BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :

Integration File: autoint1.e
Quant Time: May 14 05:50:55 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...	15.015	2226568	19.731 ug/ml
	Target Compounds			
1)	N-OCTANE	2.017	1797963	15.860 ug/ml
2)	N-DECANE	4.553	2151211	21.081 ug/ml
3)	N-DODECANE	6.724	2320115	21.189 ug/ml
4)	N-TETRADECANE	8.553	2294216	19.877 ug/ml
5)	N-HEXADECANE	10.162	2354193	19.948 ug/ml
6)	N-OCTADECANE	11.605	2522613	20.053 ug/ml
7)	N-EICOSANE	12.916	2524499	19.351 ug/ml
8)	N-DOCOSANE	14.115	2536993	19.917 ug/ml
10)	N-TETRACOSANE	15.219	2565009	20.392 ug/ml
11)	N-HEXACOSANE	16.241	2527358	20.733 ug/ml
12)	N-OCTACOSANE	17.192	2481462	20.971 ug/ml
13)	N-TRIACONTANE	18.080	2386873	20.252 ug/ml
14)	N-DOTRIACONTANE	18.913	1964753	17.246 ug/ml
15)	N-TETRATRIACONTANE	19.697	1168632	11.714 ug/ml
16)	N-HEXATRIACONTANE	20.438	650790	8.157 ug/ml
17)	N-OCTATRIACONTANE	21.175	537228	9.461 ug/ml
18)	N-TETRACONTANE	22.095	378345	9.304 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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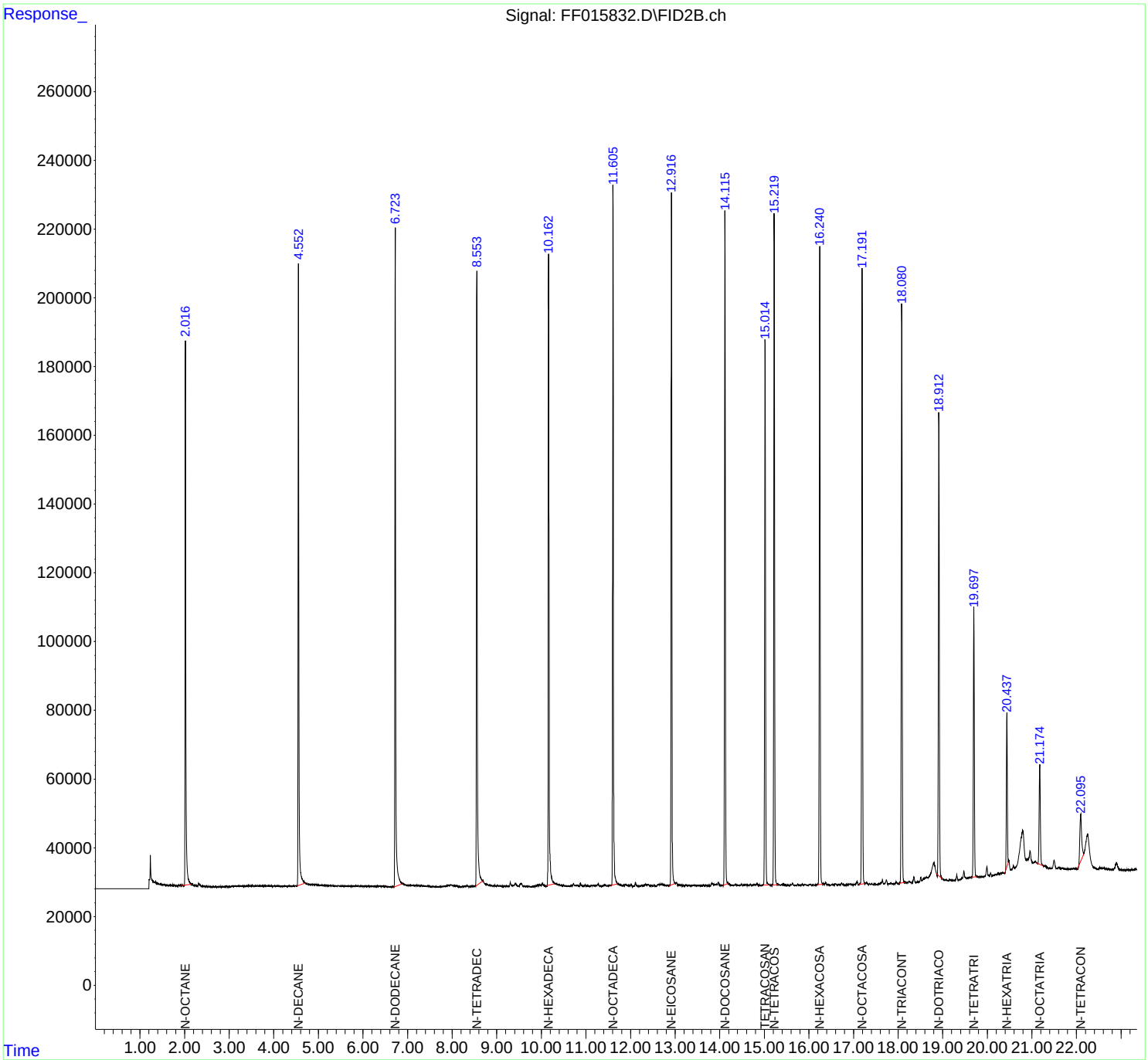
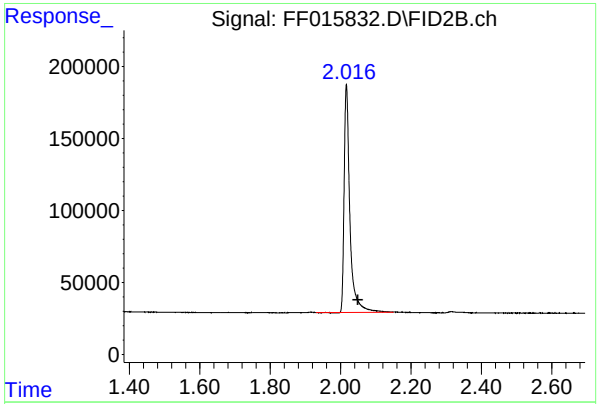
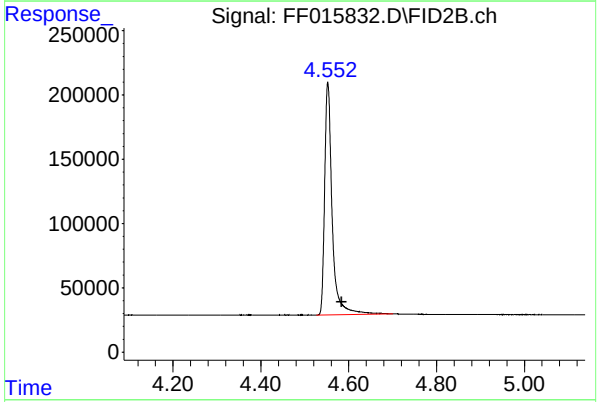




#1 N-OCTANE

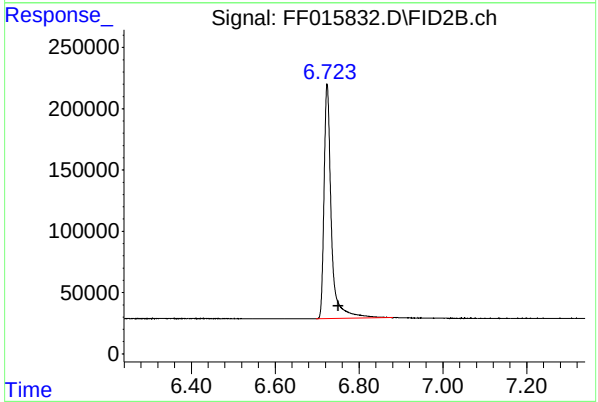
R.T.: 2.017 min
Delta R.T.: -0.033 min
Response: 1797963
Conc: 15.86 ug/ml

Instrument :
FID_F
ClientSampleId :



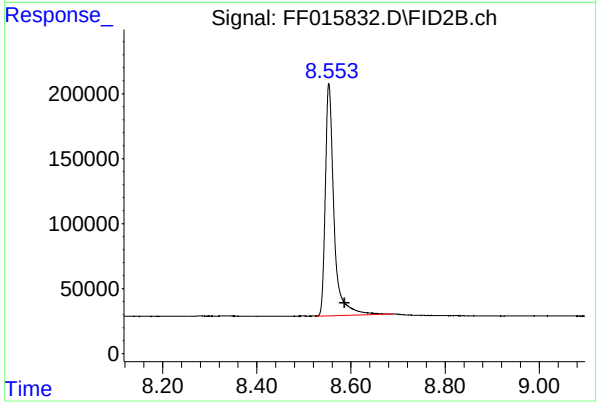
#2 N-DECANE

R.T.: 4.553 min
Delta R.T.: -0.031 min
Response: 2151211
Conc: 21.08 ug/ml



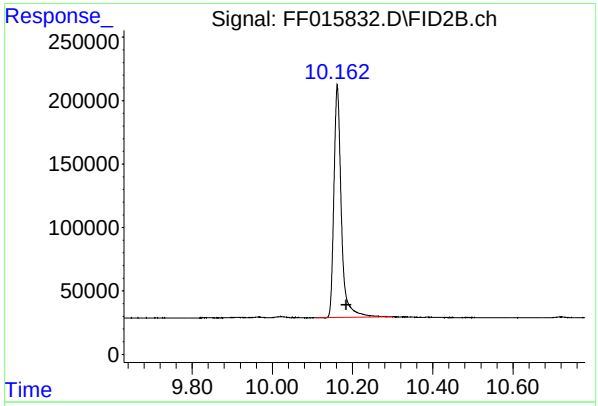
#3 N-DODECANE

R.T.: 6.724 min
Delta R.T.: -0.026 min
Response: 2320115
Conc: 21.19 ug/ml



#4 N-TETRADECANE

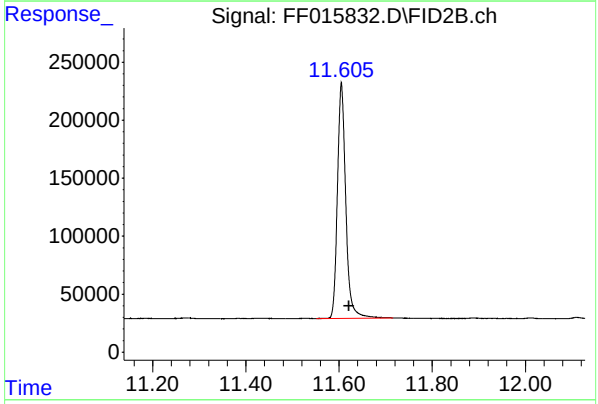
R.T.: 8.553 min
Delta R.T.: -0.033 min
Response: 2294216
Conc: 19.88 ug/ml



#5 N-HEXADECANE

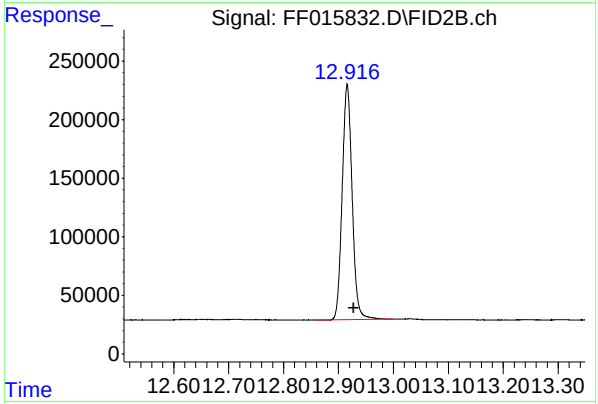
R.T.: 10.162 min
Delta R.T.: -0.023 min
Response: 2354193
Conc: 19.95 ug/ml

Instrument :
FID_F
ClientSampleId :



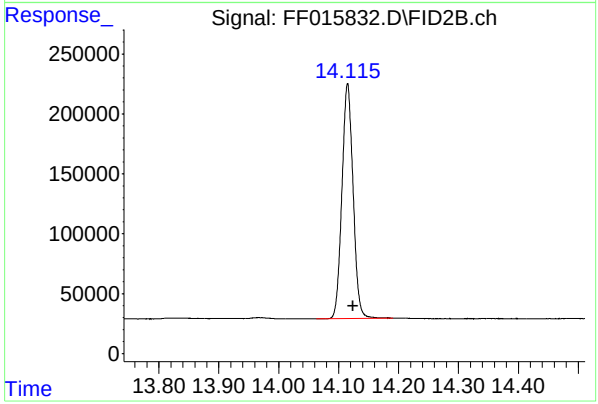
#6 N-OCTADECANE

R.T.: 11.605 min
Delta R.T.: -0.016 min
Response: 2522613
Conc: 20.05 ug/ml



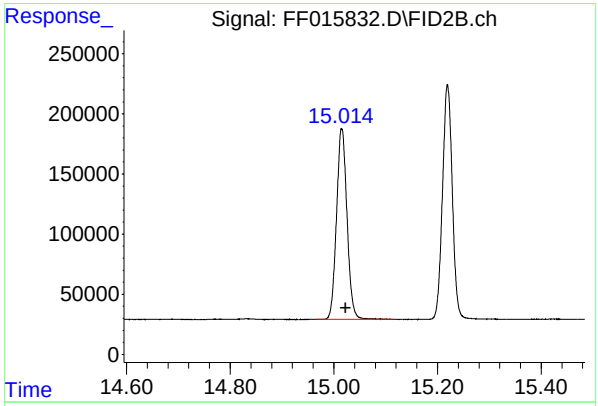
#7 N-EICOSANE

R.T.: 12.916 min
Delta R.T.: -0.011 min
Response: 2524499
Conc: 19.35 ug/ml



#8 N-DOCOSANE

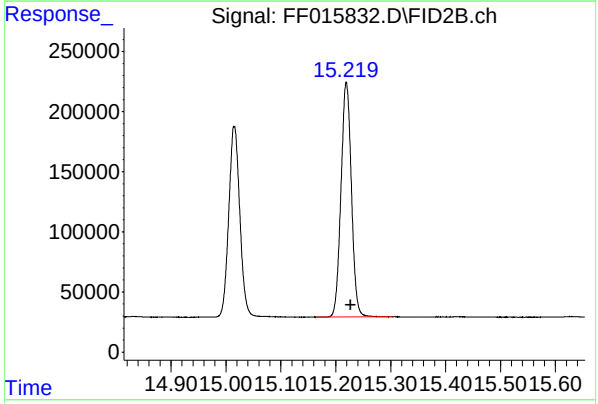
R.T.: 14.115 min
Delta R.T.: -0.009 min
Response: 2536993
Conc: 19.92 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

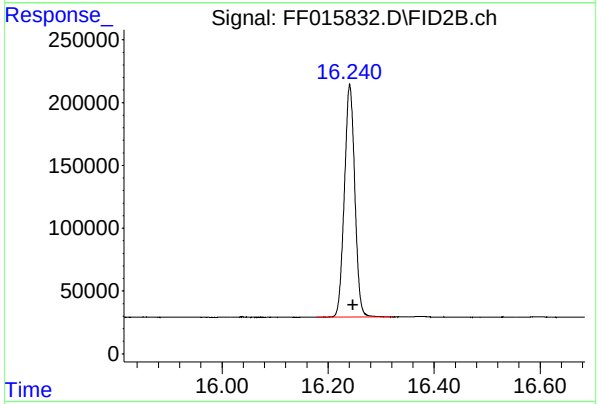
R.T.: 15.015 min
Delta R.T.: -0.007 min
Response: 2226568
Conc: 19.73 ug/ml

Instrument :
FID_F
ClientSampleId :



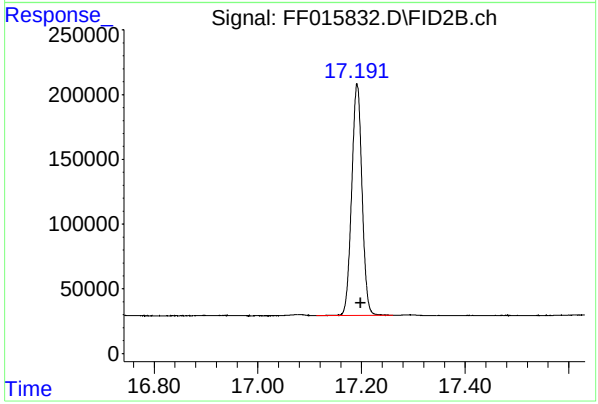
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: -0.008 min
Response: 2565009
Conc: 20.39 ug/ml



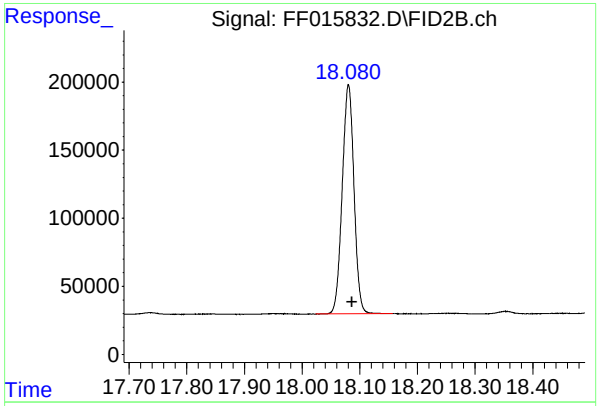
#11 N-HEXACOSANE

R.T.: 16.241 min
Delta R.T.: -0.006 min
Response: 2527358
Conc: 20.73 ug/ml



#12 N-OCTACOSANE

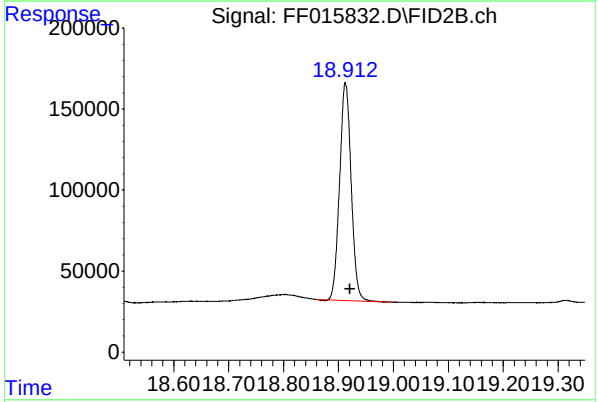
R.T.: 17.192 min
Delta R.T.: -0.006 min
Response: 2481462
Conc: 20.97 ug/ml



#13 N-TRIACONTANE

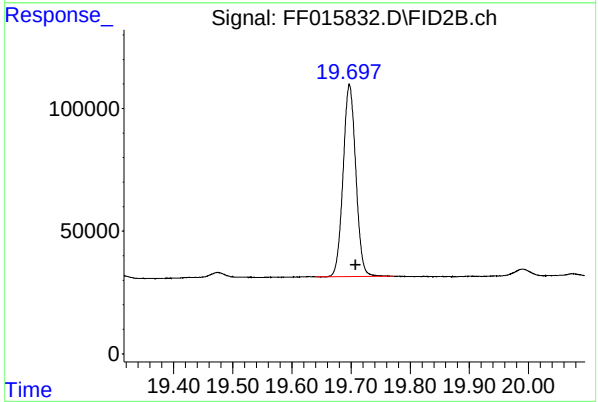
R.T.: 18.080 min
Delta R.T.: -0.006 min
Response: 2386873
Conc: 20.25 ug/ml

Instrument :
FID_F
ClientSampleId :



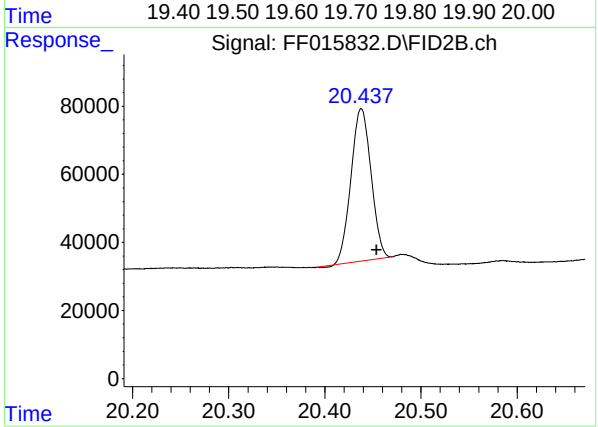
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: -0.008 min
Response: 1964753
Conc: 17.25 ug/ml



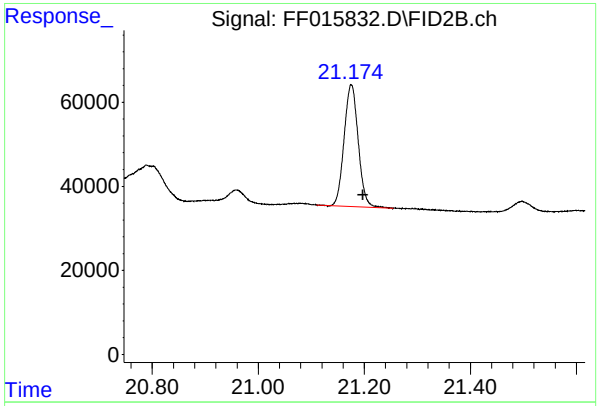
#15 N-TETRATRIACONTANE

R.T.: 19.697 min
Delta R.T.: -0.011 min
Response: 1168632
Conc: 11.71 ug/ml



#16 N-HEXATRIACONTANE

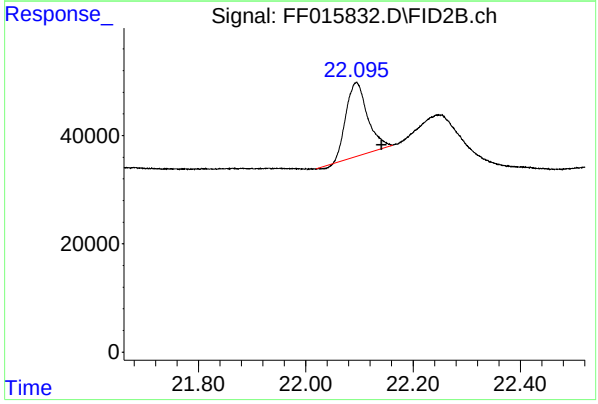
R.T.: 20.438 min
Delta R.T.: -0.016 min
Response: 650790
Conc: 8.16 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.175 min
Delta R.T.: -0.022 min
Response: 537228
Conc: 9.46 ug/ml

Instrument :
FID_F
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.095 min
Delta R.T.: -0.047 min
Response: 378345
Conc: 9.30 ug/ml