

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021623\
 Data File : FF012119.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 09:56
 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: Feb 17 02:32:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF012723.M
 Quant Title :
 QLast Update : Fri Jan 27 14:21:25 2023
 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...	15.065	6242700	54.175 ug/ml
Target Compounds			
1) N-OCTANE	2.082	5631873	48.955 ug/ml
2) N-DECANE	4.610	6555132	55.598 ug/ml
3) N-DODECANE	6.776	6730063	56.182 ug/ml
4) N-TETRADECANE	8.604	6910569	57.385 ug/ml
5) N-HEXADECANE	10.211	7013337	56.226 ug/ml
6) N-OCTADECANE	11.655	7163820	56.340 ug/ml
7) N-EICOSANE	12.966	7259070	56.246 ug/ml
8) N-DOCOSANE	14.165	7176123	56.295 ug/ml
10) N-TETRACOSANE	15.269	7030786	54.031 ug/ml
11) N-HEXACOSANE	16.291	6816855	52.379 ug/ml
12) N-OCTACOSANE	17.242	6744311	51.865 ug/ml
13) N-TRIACONTANE	18.130	7014428	54.352 ug/ml
14) N-DOTRIACONTANE	18.964	6683268	51.352 ug/ml
15) N-TETRATRIACONTANE	19.747	6172743	55.444 ug/ml
16) N-HEXATRIACONTANE	20.486	6916938	67.336 ug/ml
17) N-OCTATRIACONTANE	21.233	7283737	73.942 ug/ml
18) N-TETRACONTANE	22.165	5093689	49.149 ug/ml

(f)=RT Delta > 1/2 Window

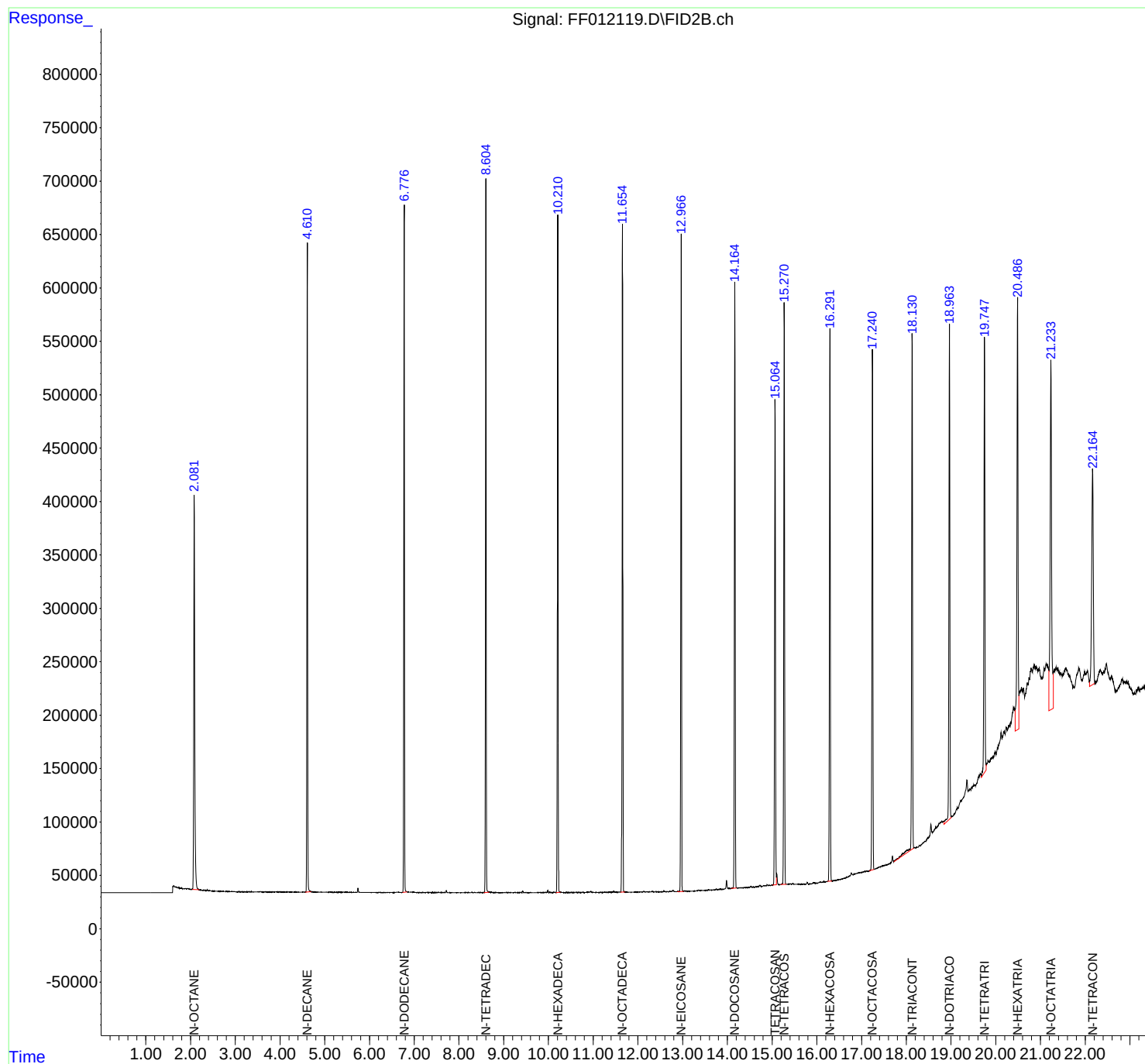
(m)=manual int.

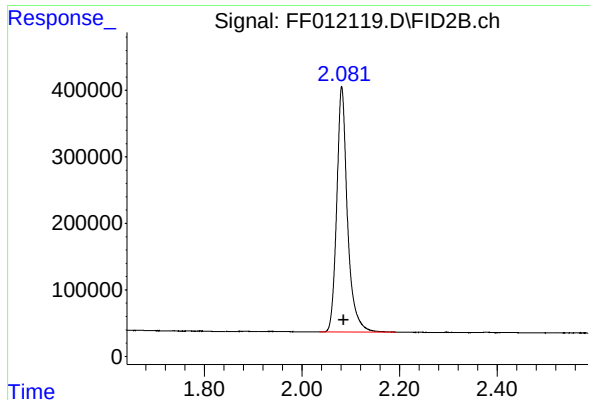
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Signal Info : 20mx0.18mmx0.18um

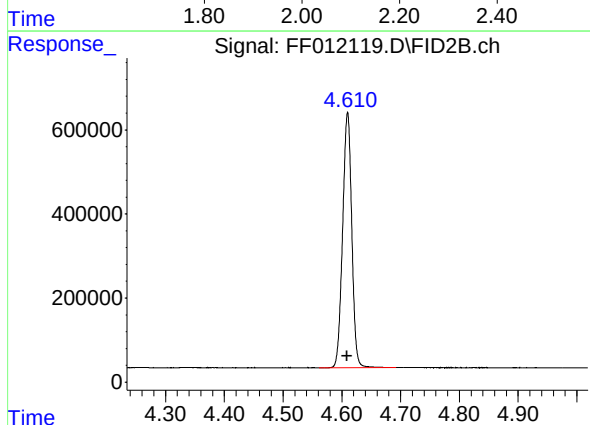




#1 N-OCTANE

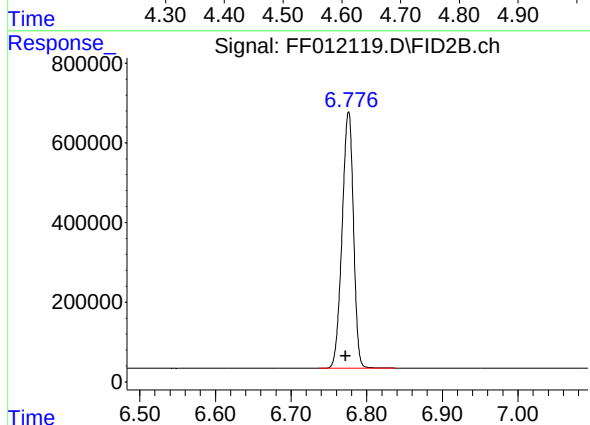
R.T.: 2.082 min
Delta R.T.: -0.004 min
Response: 5631873
Conc: 48.96 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



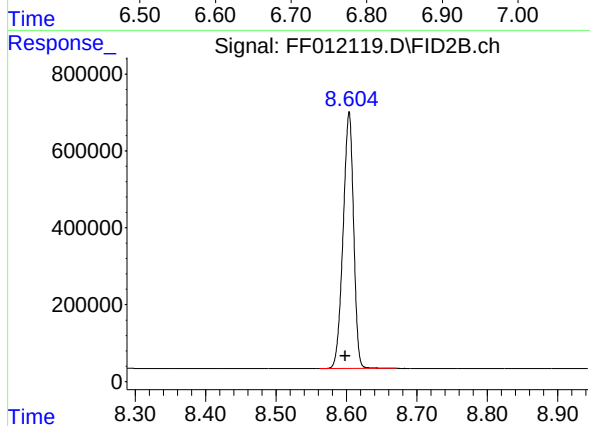
#2 N-DECANE

R.T.: 4.610 min
Delta R.T.: 0.001 min
Response: 6555132
Conc: 55.60 ug/ml



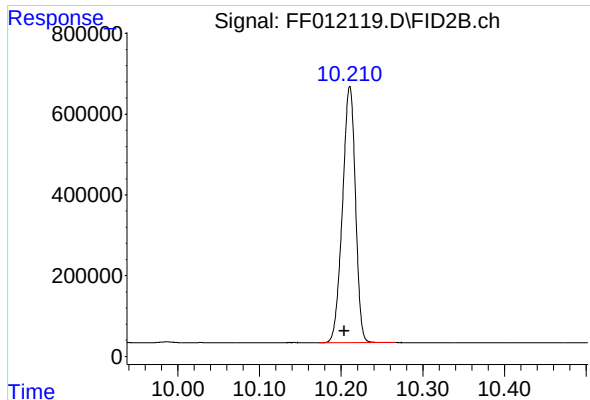
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: 0.004 min
Response: 6730063
Conc: 56.18 ug/ml



#4 N-TETRADECANE

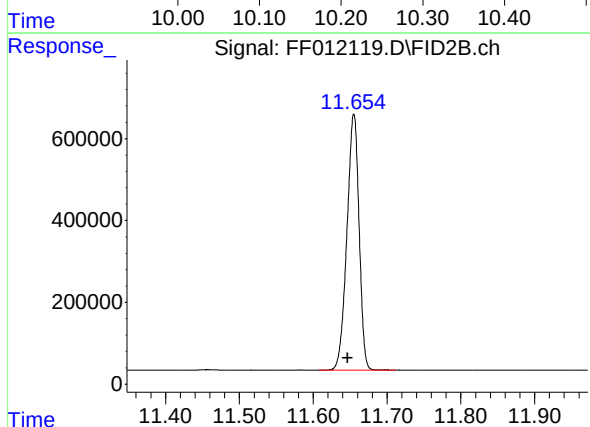
R.T.: 8.604 min
Delta R.T.: 0.005 min
Response: 6910569
Conc: 57.38 ug/ml



#5 N-HEXADECANE

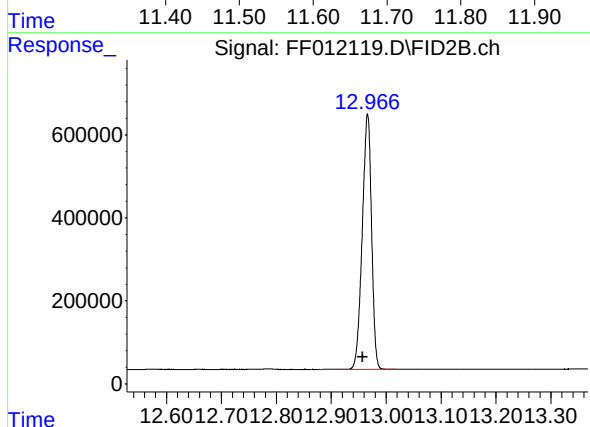
R.T.: 10.211 min
Delta R.T.: 0.007 min
Response: 7013337
Conc: 56.23 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



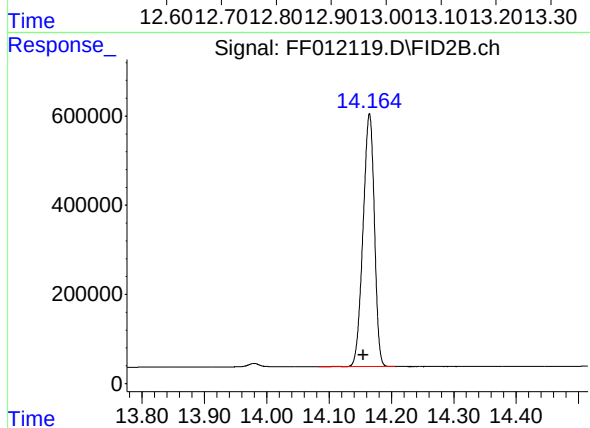
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: 0.008 min
Response: 7163820
Conc: 56.34 ug/ml



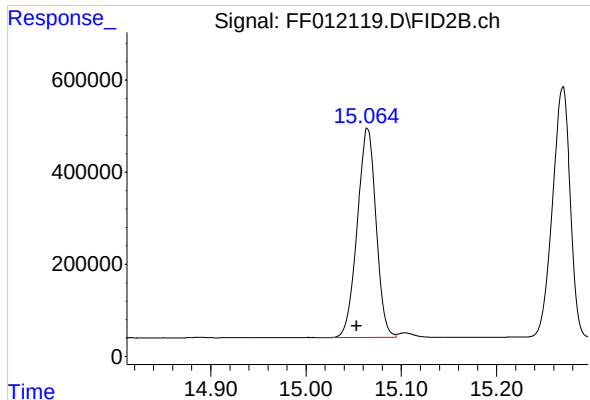
#7 N-EICOSANE

R.T.: 12.966 min
Delta R.T.: 0.010 min
Response: 7259070
Conc: 56.25 ug/ml



#8 N-DOCOSANE

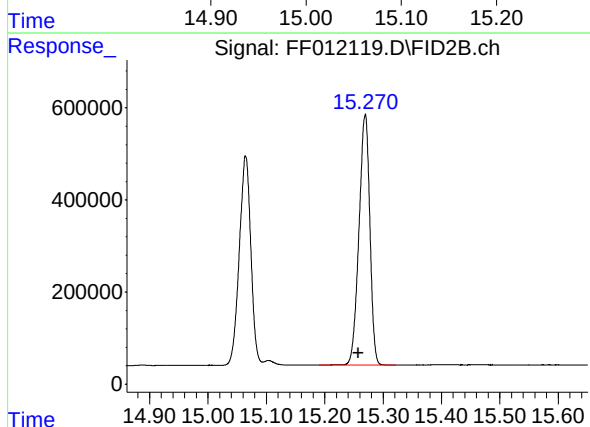
R.T.: 14.165 min
Delta R.T.: 0.010 min
Response: 7176123
Conc: 56.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

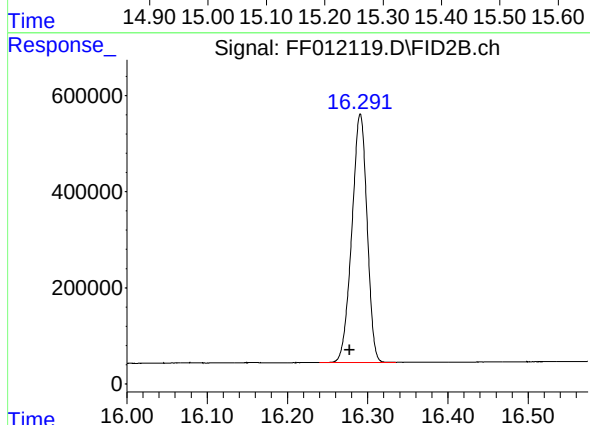
R.T.: 15.065 min
Delta R.T.: 0.012 min
Response: 6242700
Conc: 54.17 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



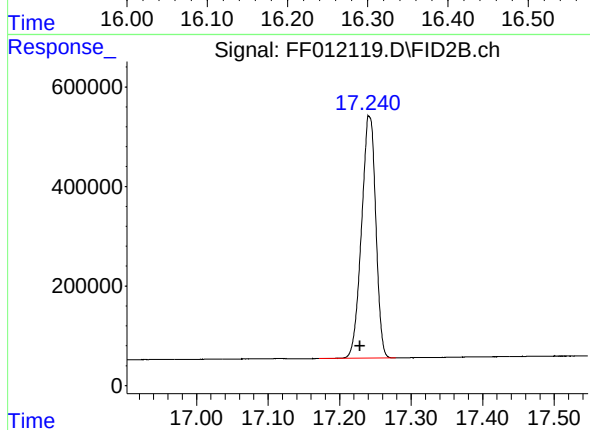
#10 N-TETRACOSANE

R.T.: 15.269 min
Delta R.T.: 0.012 min
Response: 7030786
Conc: 54.03 ug/ml



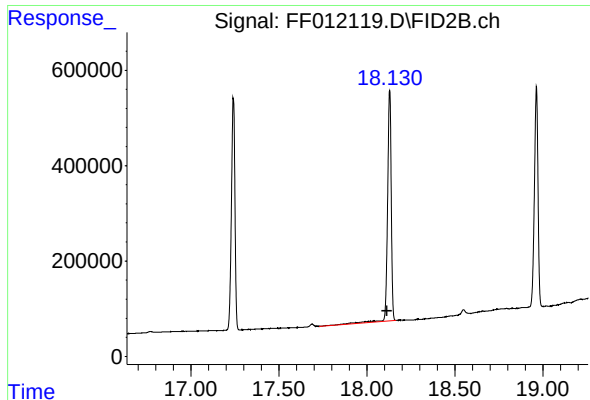
#11 N-HEXACOSANE

R.T.: 16.291 min
Delta R.T.: 0.013 min
Response: 6816855
Conc: 52.38 ug/ml



#12 N-OCTACOSANE

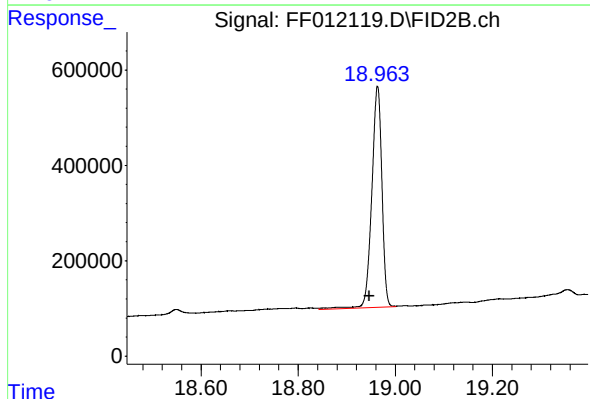
R.T.: 17.242 min
Delta R.T.: 0.013 min
Response: 6744311
Conc: 51.86 ug/ml



#13 N-TRIACONTANE

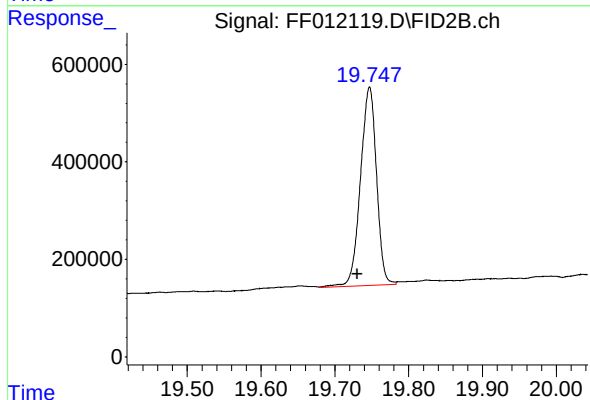
R.T.: 18.130 min
Delta R.T.: 0.015 min
Response: 7014428
Conc: 54.35 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



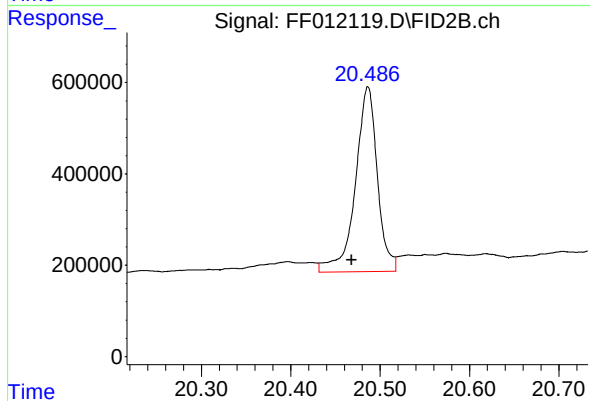
#14 N-DOTRIACONTANE

R.T.: 18.964 min
Delta R.T.: 0.017 min
Response: 6683268
Conc: 51.35 ug/ml



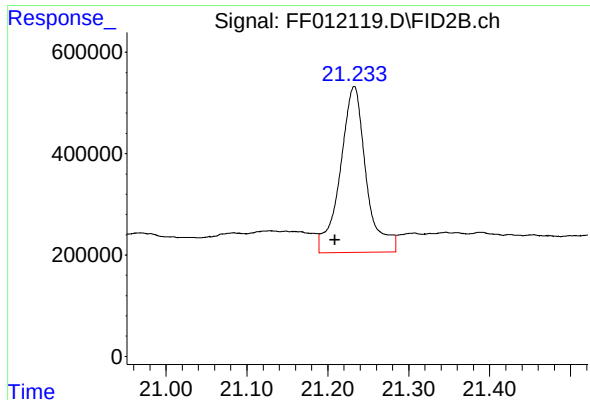
#15 N-TETRATRIACONTANE

R.T.: 19.747 min
Delta R.T.: 0.017 min
Response: 6172743
Conc: 55.44 ug/ml



#16 N-HEXATRIACONTANE

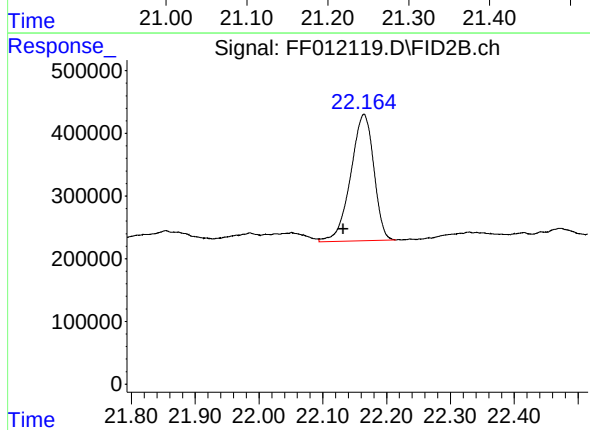
R.T.: 20.486 min
Delta R.T.: 0.018 min
Response: 6916938
Conc: 67.34 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.233 min
Delta R.T.: 0.024 min
Response: 7283737
Conc: 73.94 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.165 min
Delta R.T.: 0.032 min
Response: 5093689
Conc: 49.15 ug/ml