

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031225\
 Data File : FF015663.D
 Signal(s) : FID2B.ch
 Acq On : 12 Mar 2025 15:25
 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: Mar 13 02:31:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:28:15 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...	15.028	5940563	49.822 ug/ml
Target Compounds			
1) N-OCTANE	2.028	5891480	50.470 ug/ml
2) N-DECANE	4.568	6242315	54.446 ug/ml
3) N-DODECANE	6.736	6457827	54.159 ug/ml
4) N-TETRADECANE	8.565	6461682	54.833 ug/ml
5) N-HEXADECANE	10.172	6566041	54.369 ug/ml
6) N-OCTADECANE	11.618	6752061	52.857 ug/ml
7) N-EICOSANE	12.928	6723940	52.238 ug/ml
8) N-DOCOSANE	14.128	6566033	50.712 ug/ml
10) N-TETRACOSANE	15.233	6499981	49.503 ug/ml
11) N-HEXACOSANE	16.256	6362574	49.311 ug/ml
12) N-OCTACOSANE	17.207	6220637	48.586 ug/ml
13) N-TRIACONTANE	18.095	6171792	48.331 ug/ml
14) N-DOTRIACONTANE	18.929	5887196	47.177 ug/ml
15) N-TETRATRIACONTANE	19.713	4905105	42.822 ug/ml
16) N-HEXATRIACONTANE	20.453	3906873	38.831 ug/ml
17) N-OCTATRIACONTANE	21.192	3806222	41.269 ug/ml
18) N-TETRACONTANE	22.106	3585986	42.222 ug/ml

(f)=RT Delta > 1/2 Window

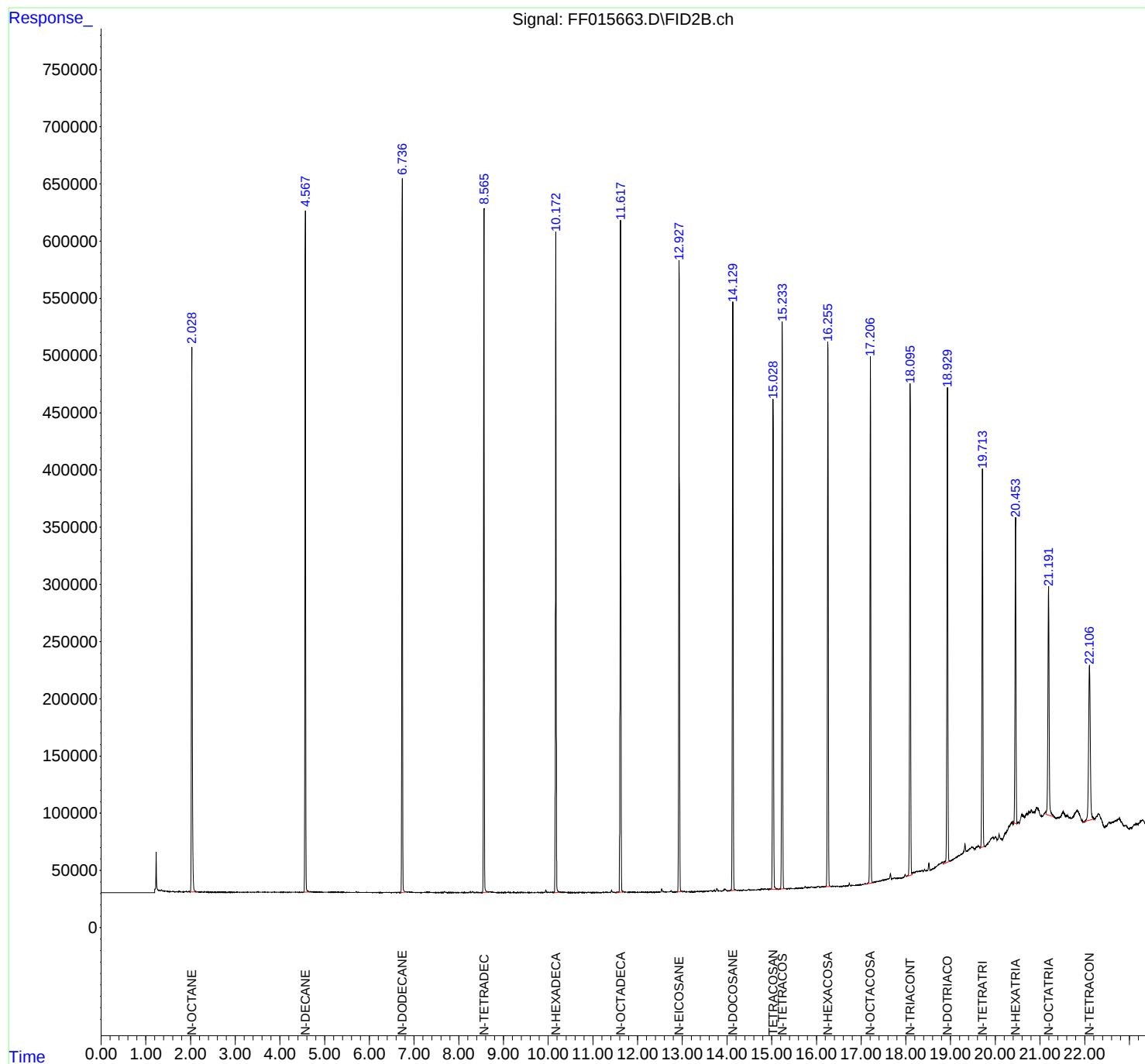
(m)=manual int.

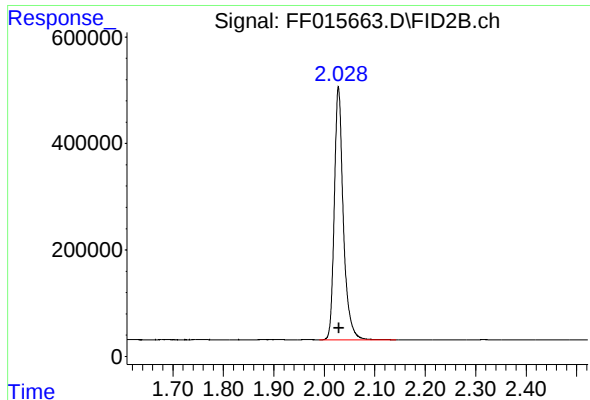
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Signal Info : 20mx0.18mmx0.18um

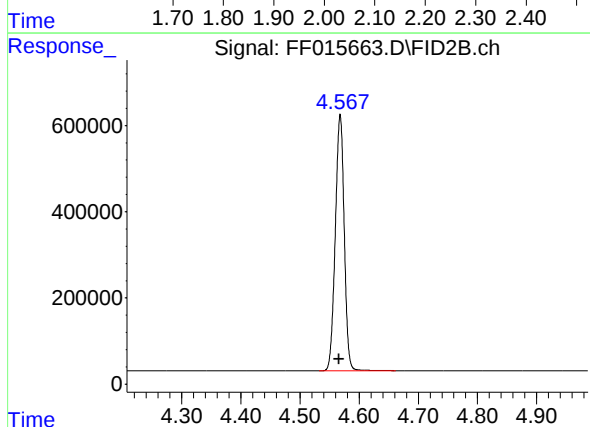




#1 N-OCTANE

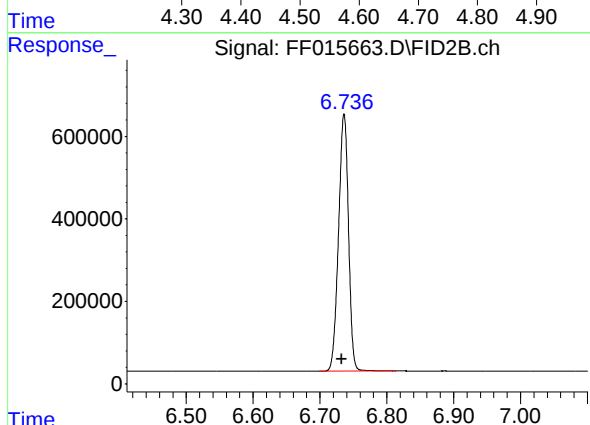
R.T.: 2.028 min
Delta R.T.: 0.000 min
Response: 5891480
Conc: 50.47 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



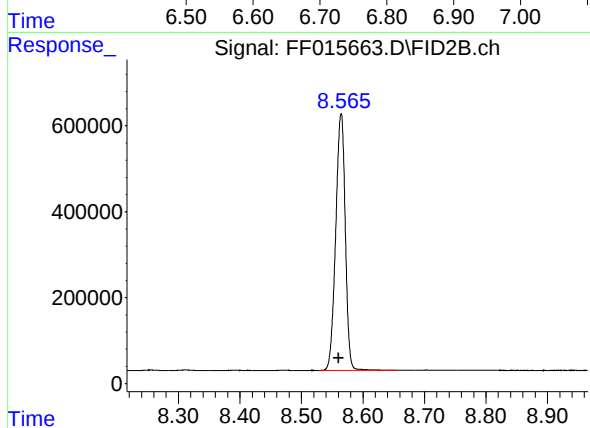
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.002 min
Response: 6242315
Conc: 54.45 ug/ml



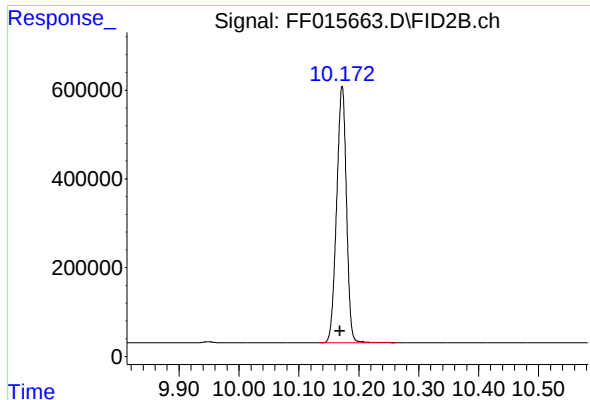
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 6457827
Conc: 54.16 ug/ml



#4 N-TETRADECANE

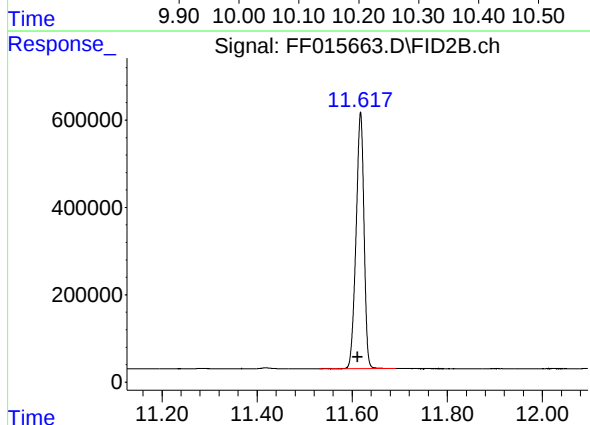
R.T.: 8.565 min
Delta R.T.: 0.004 min
Response: 6461682
Conc: 54.83 ug/ml



#5 N-HEXADECANE

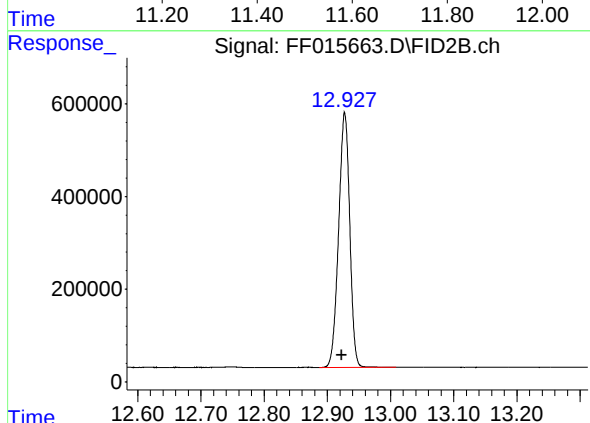
R.T.: 10.172 min
Delta R.T.: 0.004 min
Response: 6566041
Conc: 54.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



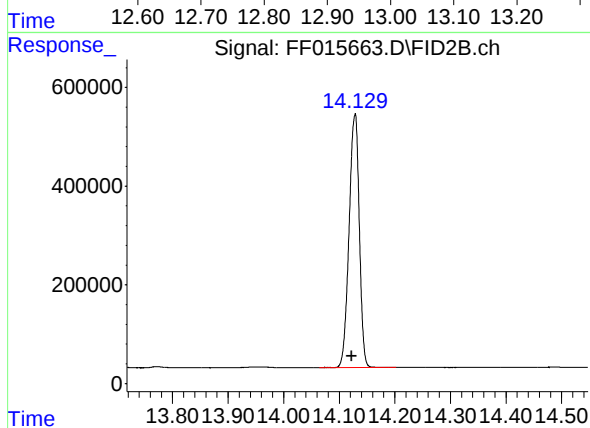
#6 N-OCTADECANE

R.T.: 11.618 min
Delta R.T.: 0.006 min
Response: 6752061
Conc: 52.86 ug/ml



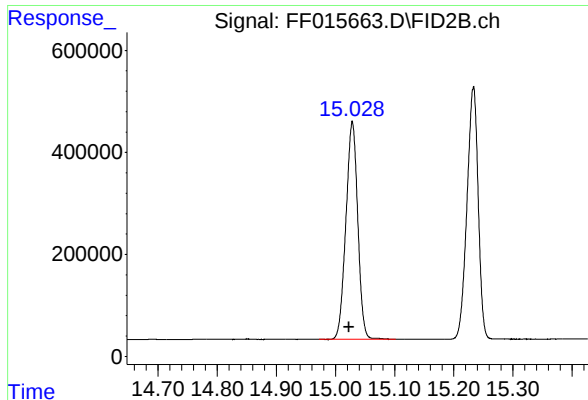
#7 N-EICOSANE

R.T.: 12.928 min
Delta R.T.: 0.005 min
Response: 6723940
Conc: 52.24 ug/ml



#8 N-DOCOSANE

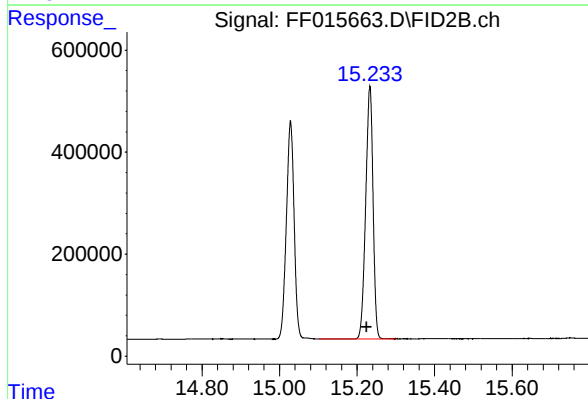
R.T.: 14.128 min
Delta R.T.: 0.006 min
Response: 6566033
Conc: 50.71 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

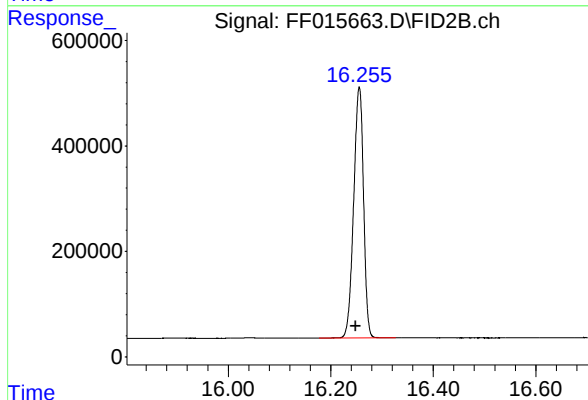
R.T.: 15.028 min
Delta R.T.: 0.006 min
Response: 5940563
Conc: 49.82 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



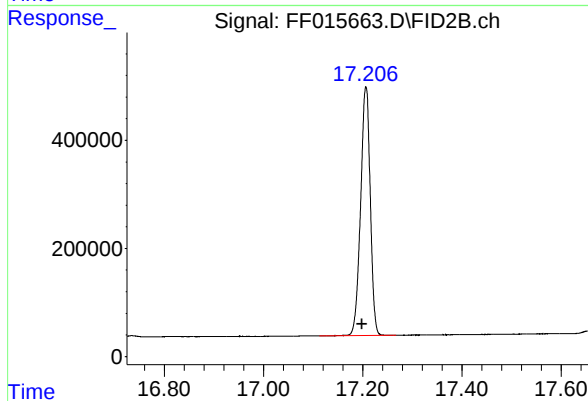
#10 N-TETRACOSANE

R.T.: 15.233 min
Delta R.T.: 0.008 min
Response: 6499981
Conc: 49.50 ug/ml



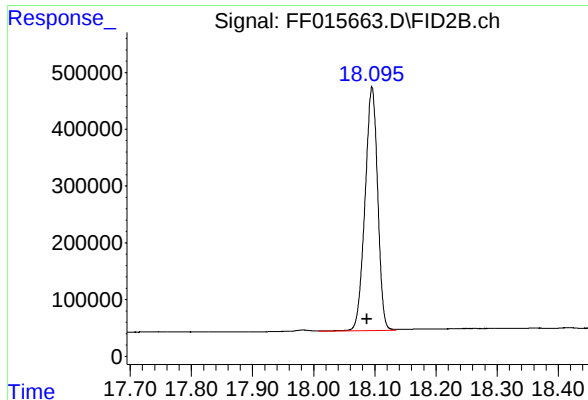
#11 N-HEXACOSANE

R.T.: 16.256 min
Delta R.T.: 0.007 min
Response: 6362574
Conc: 49.31 ug/ml



#12 N-OCTACOSANE

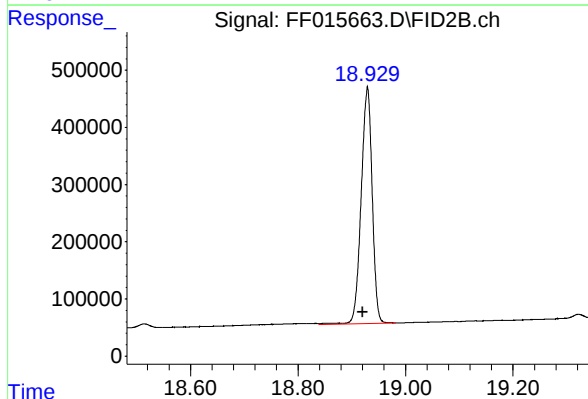
R.T.: 17.207 min
Delta R.T.: 0.008 min
Response: 6220637
Conc: 48.59 ug/ml



#13 N-TRIACONTANE

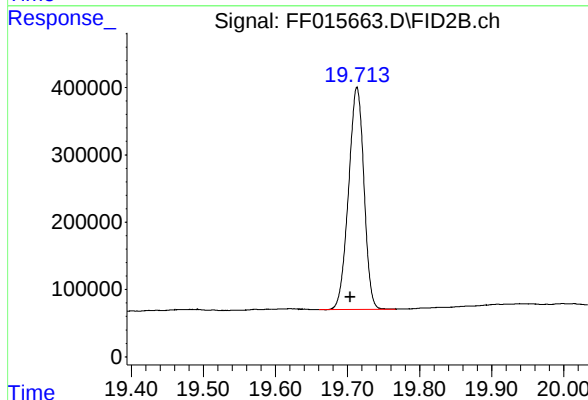
R.T.: 18.095 min
Delta R.T.: 0.008 min
Response: 6171792
Conc: 48.33 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



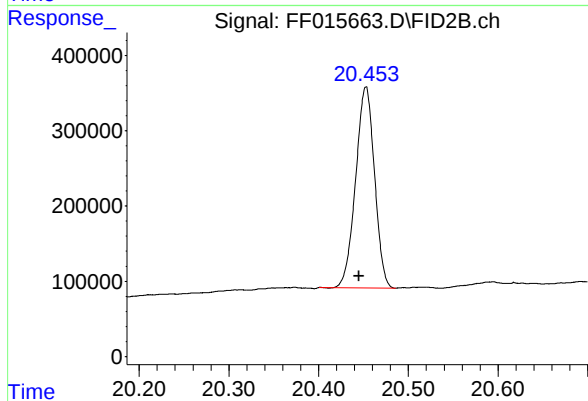
#14 N-DOTRIACONTANE

R.T.: 18.929 min
Delta R.T.: 0.009 min
Response: 5887196
Conc: 47.18 ug/ml



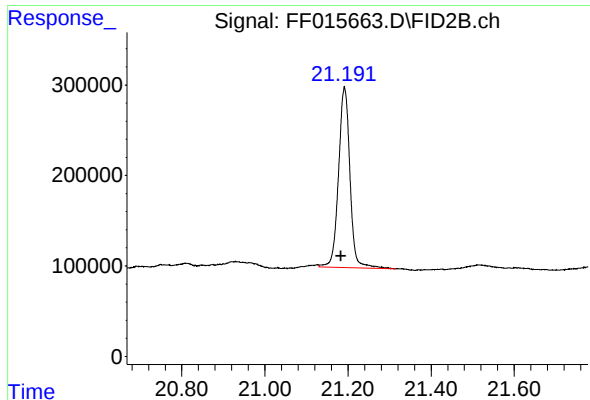
#15 N-TETRATRIACONTANE

R.T.: 19.713 min
Delta R.T.: 0.009 min
Response: 4905105
Conc: 42.82 ug/ml



#16 N-HEXATRIACONTANE

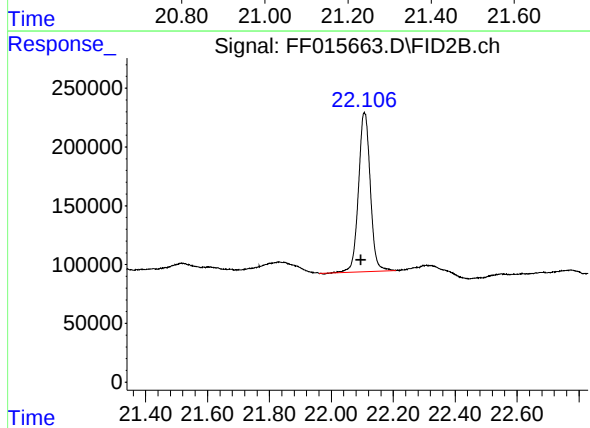
R.T.: 20.453 min
Delta R.T.: 0.008 min
Response: 3906873
Conc: 38.83 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.192 min
Delta R.T.: 0.009 min
Response: 3806222
Conc: 41.27 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.106 min
Delta R.T.: 0.010 min
Response: 3585986
Conc: 42.22 ug/ml