

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121823\
 Data File : FF013899.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 14:40
 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: Dec 18 23:20:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120523.M
 Quant Title :
 QLast Update : Tue Dec 05 11:16:50 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...	14.971	6096794	51.593 ug/ml
Target Compounds			
1) N-OCTANE	1.996	5006679	41.732 ug/ml
2) N-DECANE	4.517	6381332	50.932 ug/ml
3) N-DODECANE	6.682	6606842	51.600 ug/ml
4) N-TETRADECANE	8.509	6699275	52.035 ug/ml
5) N-HEXADECANE	10.116	6866991	52.197 ug/ml
6) N-OCTADECANE	11.560	6874636	52.180 ug/ml
7) N-EICOSANE	12.871	6812879	52.289 ug/ml
8) N-DOCOSANE	14.070	6537247	52.034 ug/ml
10) N-TETRACOSANE	15.176	6449746	51.873 ug/ml
11) N-HEXACOSANE	16.198	6278982	51.914 ug/ml
12) N-OCTACOSANE	17.150	6261409	52.781 ug/ml
13) N-TRIACONTANE	18.039	6471695	55.138 ug/ml
14) N-DOTRIACONTANE	18.872	6385599	56.310 ug/ml
15) N-TETRATRIACONTANE	19.656	5515976	56.272 ug/ml
16) N-HEXATRIACONTANE	20.396	4430827	55.059 ug/ml
17) N-OCTATRIACONTANE	21.126	4106438	55.140 ug/ml
18) N-TETRACONTANE	22.018	4122763	52.794 ug/ml

(f)=RT Delta > 1/2 Window

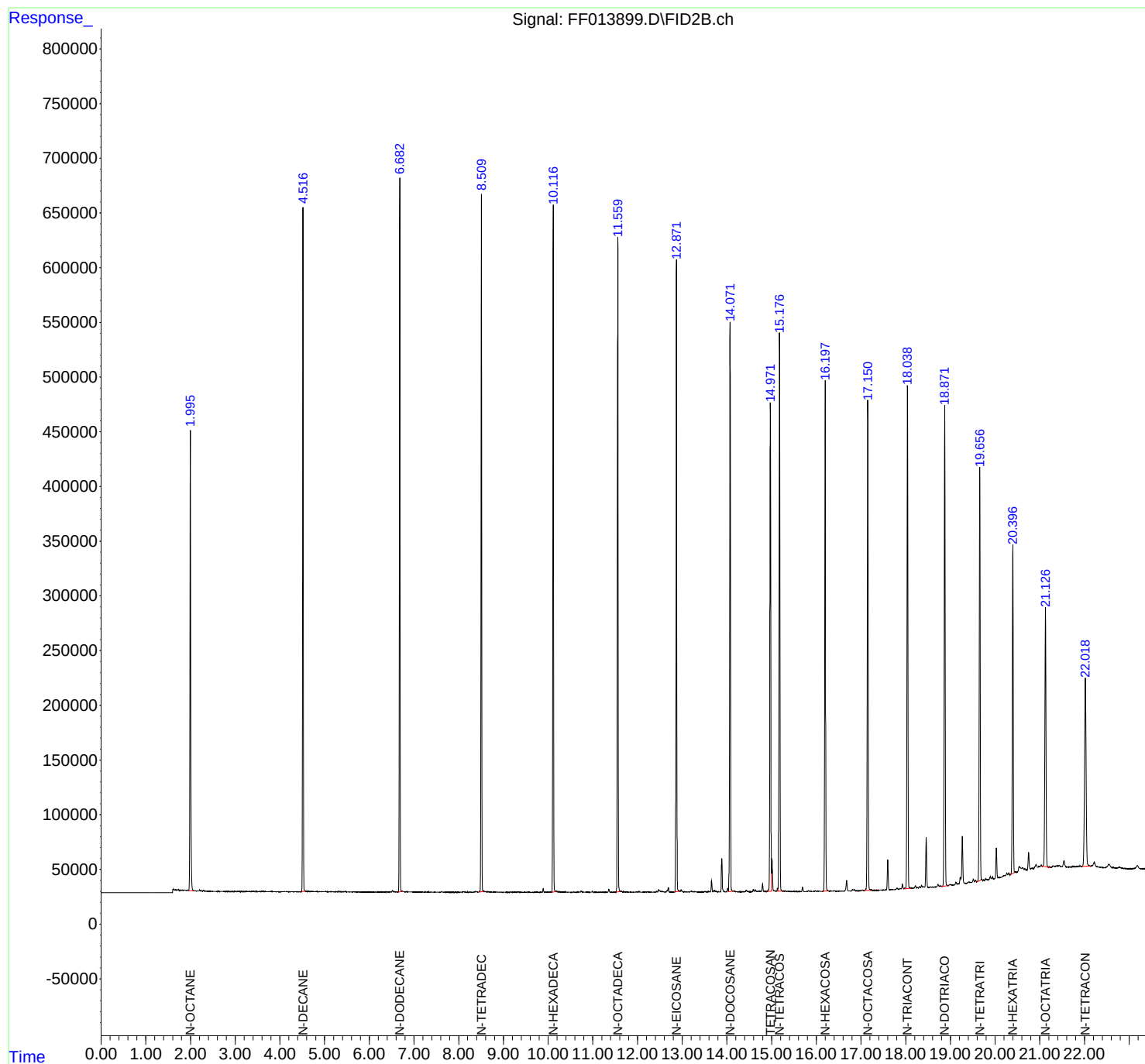
(m)=manual int.

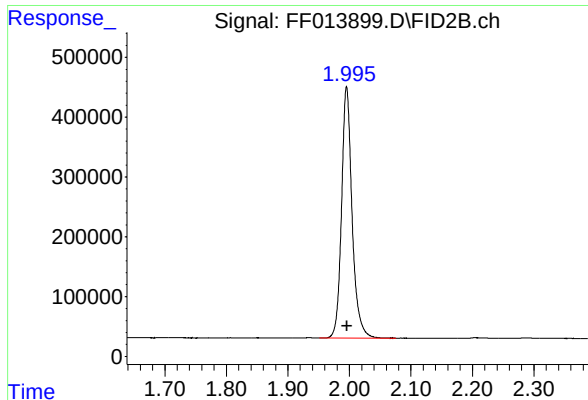
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

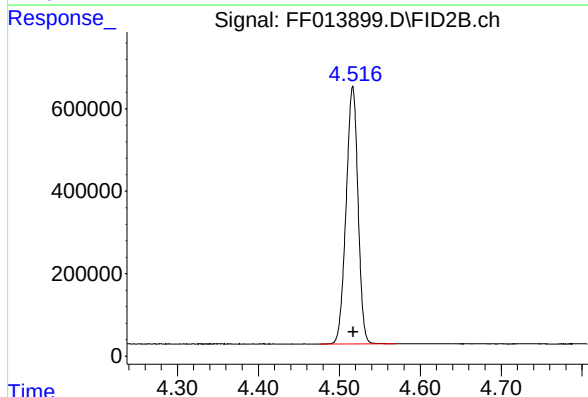




#1 N-OCTANE

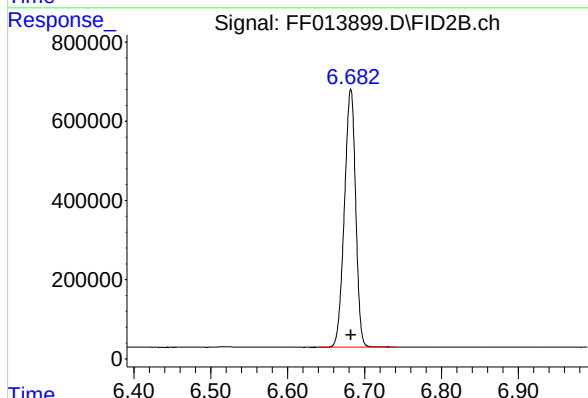
R.T.: 1.996 min
Delta R.T.: 0.000 min
Response: 5006679
Conc: 41.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



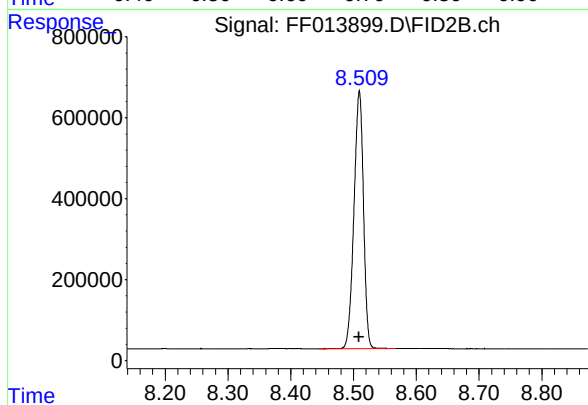
#2 N-DECANE

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 6381332
Conc: 50.93 ug/ml



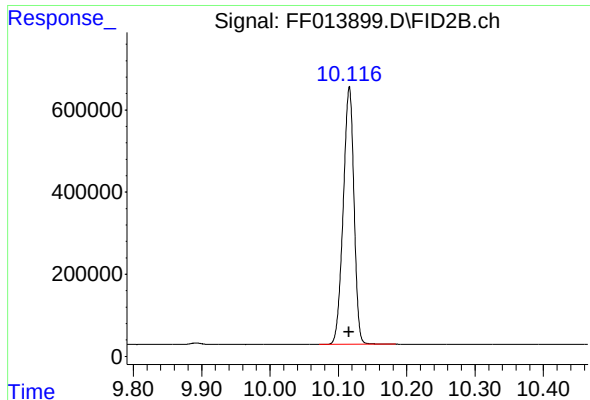
#3 N-DODECANE

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 6606842
Conc: 51.60 ug/ml



#4 N-TETRADECANE

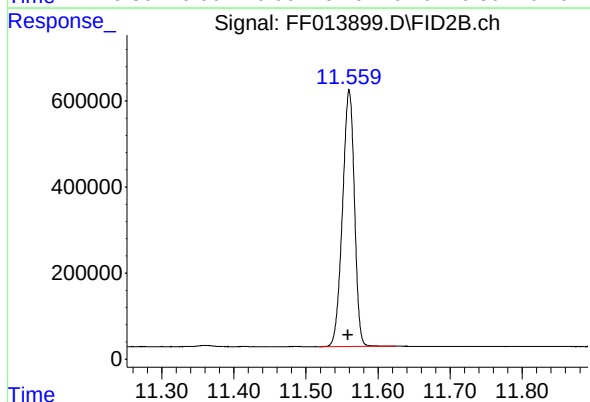
R.T.: 8.509 min
Delta R.T.: 0.000 min
Response: 6699275
Conc: 52.04 ug/ml



#5 N-HEXADECANE

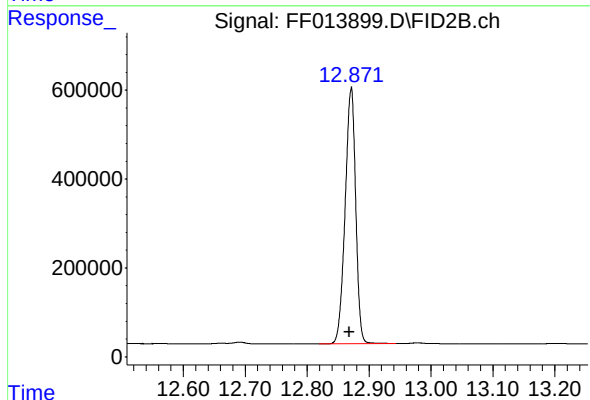
R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 6866991
Conc: 52.20 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



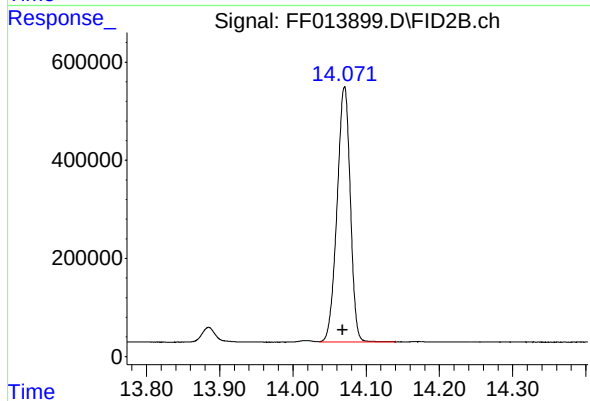
#6 N-OCTADECANE

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 6874636
Conc: 52.18 ug/ml



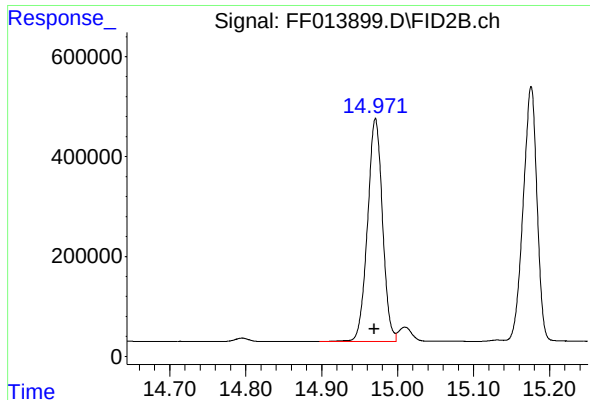
#7 N-EICOSANE

R.T.: 12.871 min
Delta R.T.: 0.003 min
Response: 6812879
Conc: 52.29 ug/ml



#8 N-DOCOSANE

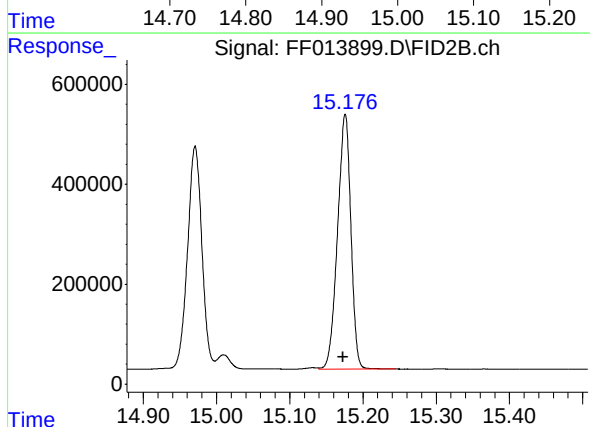
R.T.: 14.070 min
Delta R.T.: 0.002 min
Response: 6537247
Conc: 52.03 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

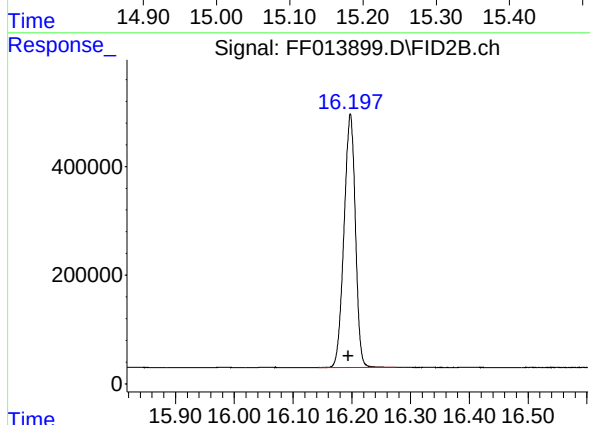
R.T.: 14.971 min
Delta R.T.: 0.001 min
Response: 6096794
Conc: 51.59 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



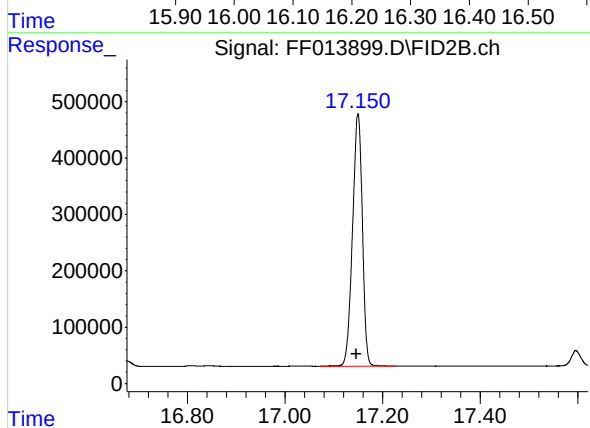
#10 N-TETRACOSANE

R.T.: 15.176 min
Delta R.T.: 0.003 min
Response: 6449746
Conc: 51.87 ug/ml



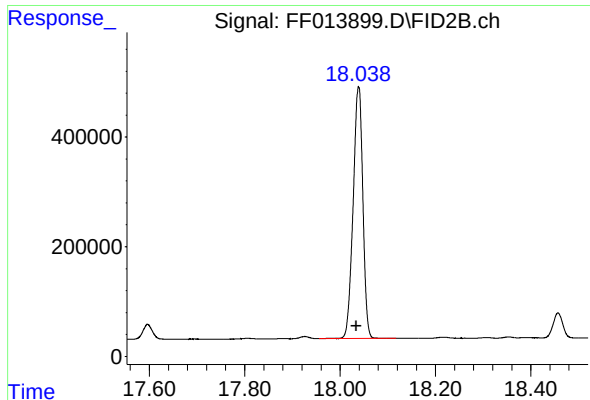
#11 N-HEXACOSANE

R.T.: 16.198 min
Delta R.T.: 0.004 min
Response: 6278982
Conc: 51.91 ug/ml



#12 N-OCTACOSANE

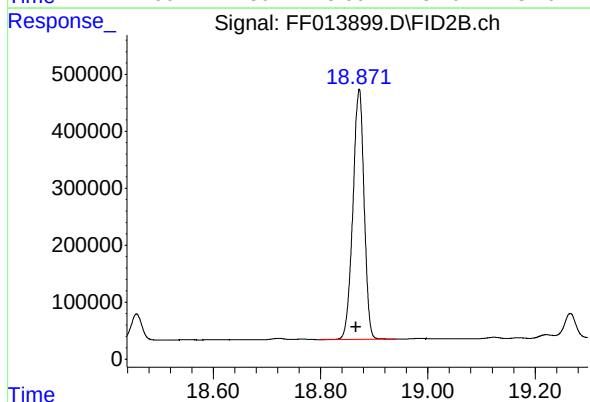
R.T.: 17.150 min
Delta R.T.: 0.004 min
Response: 6261409
Conc: 52.78 ug/ml



#13 N-TRIACONTANE

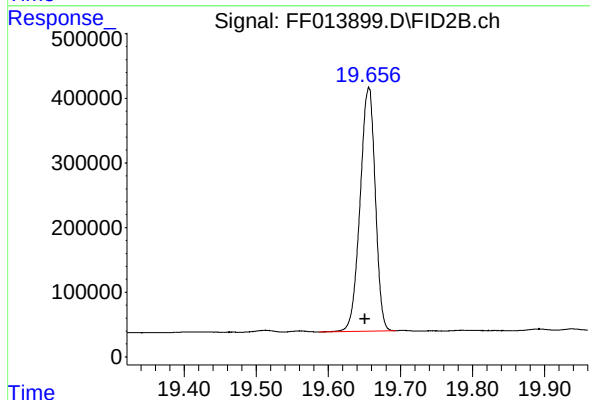
R.T.: 18.039 min
Delta R.T.: 0.005 min
Response: 6471695
Conc: 55.14 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



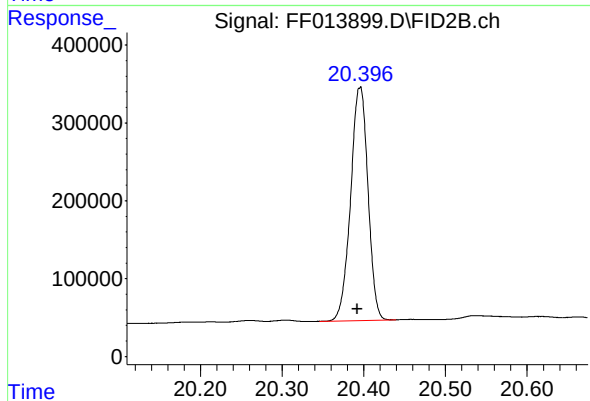
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: 0.006 min
Response: 6385599
Conc: 56.31 ug/ml



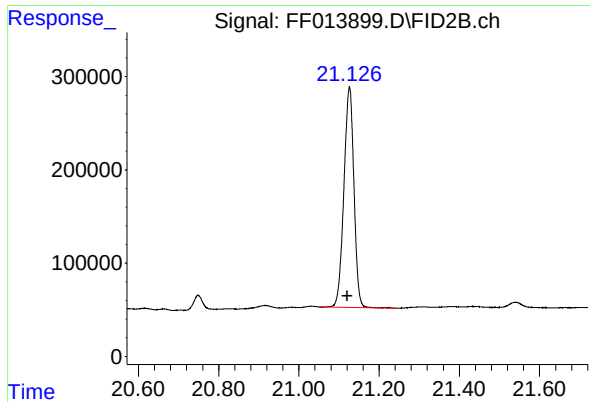
#15 N-TETRATRIACONTANE

R.T.: 19.656 min
Delta R.T.: 0.006 min
Response: 5515976
Conc: 56.27 ug/ml



#16 N-HEXATRIACONTANE

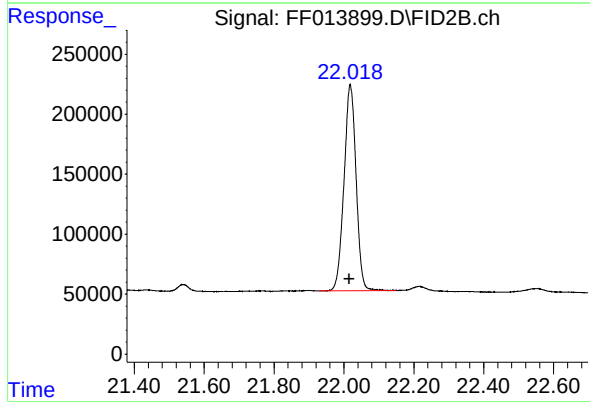
R.T.: 20.396 min
Delta R.T.: 0.003 min
Response: 4430827
Conc: 55.06 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.126 min
Delta R.T.: 0.005 min
Response: 4106438
Conc: 55.14 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.018 min
Delta R.T.: 0.003 min
Response: 4122763
Conc: 52.79 ug/ml