

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032924\
 Data File : FG013658.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2024 09:20
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 30 00:58:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031524.M
 Quant Title :
 QLast Update : Fri Mar 15 13:14:30 2024
 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...	15.069	5434495	46.718 ug/ml
Target Compounds			
1) N-OCTANE	2.055	5488752	44.223 ug/ml
2) N-DECANE	4.581	5853934	45.465 ug/ml
3) N-DODECANE	6.753	6000755	44.912 ug/ml
4) N-TETRADECANE	8.586	5851458	45.000 ug/ml
5) N-HEXADECANE	10.199	5972496	45.354 ug/ml
6) N-OCTADECANE	11.648	6184543	45.748 ug/ml
7) N-EICOSANE	12.963	6058039	46.156 ug/ml
8) N-DOCOSANE	14.166	5972291	46.415 ug/ml
10) N-TETRACOSANE	15.275	5944164	46.721 ug/ml
11) N-HEXACOSANE	16.300	5798829	46.786 ug/ml
12) N-OCTACOSANE	17.254	5715798	46.825 ug/ml
13) N-TRIACONTANE	18.144	5651887	46.609 ug/ml
14) N-DOTRIACONTANE	18.980	5286869	45.540 ug/ml
15) N-TETRATRIACONTANE	19.766	4023514	42.717 ug/ml
16) N-HEXATRIACONTANE	20.505	2801596	38.604 ug/ml
17) N-OCTATRIACONTANE	21.260	2153803	33.100 ug/ml
18) N-TETRACONTANE	22.205	1747990	27.590 ug/ml

(f)=RT Delta > 1/2 Window

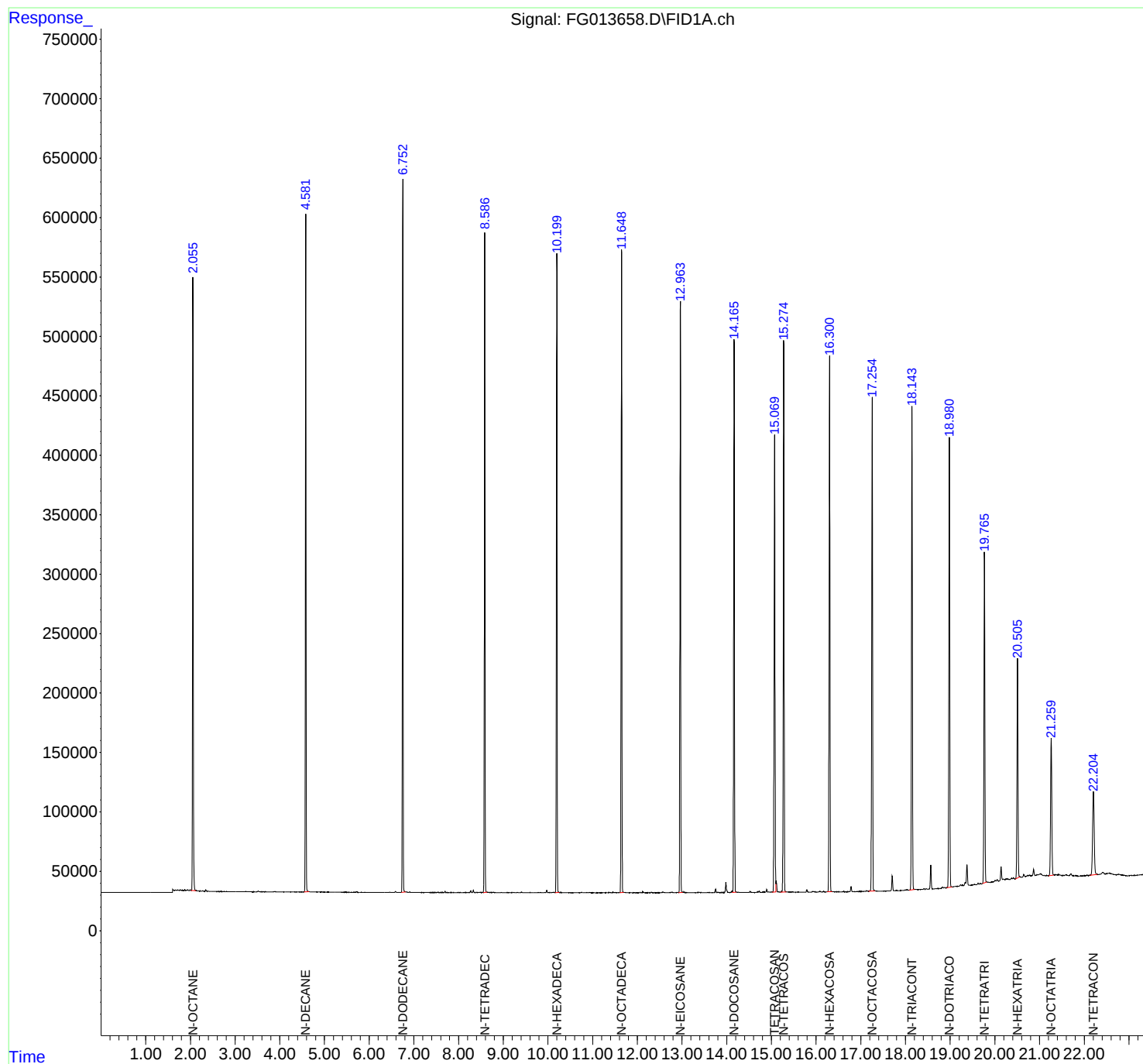
(m)=manual int.

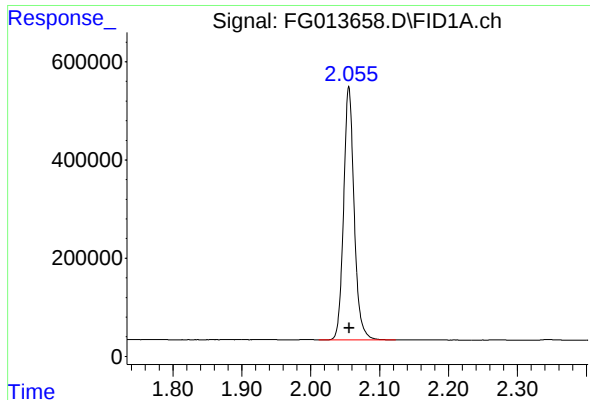
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

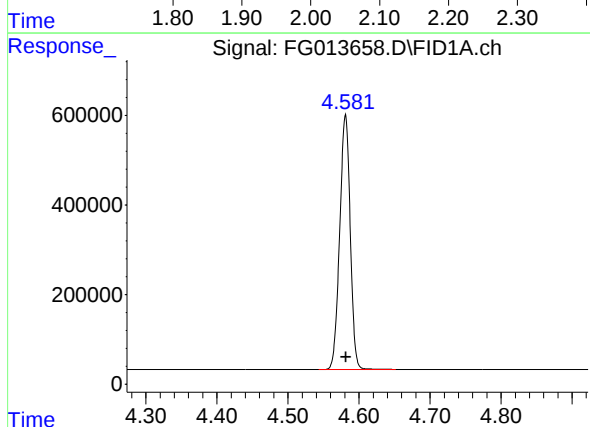




#1 N-OCTANE

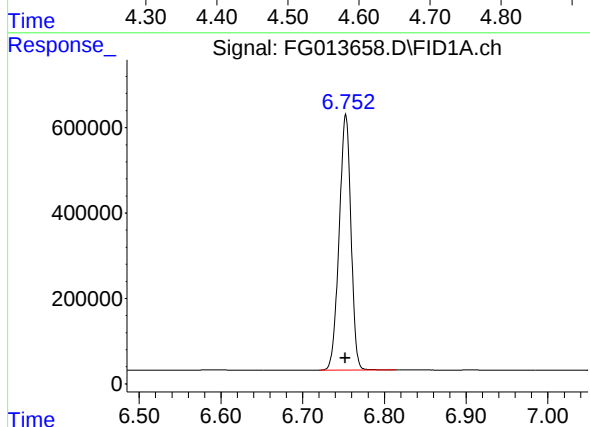
R.T.: 2.055 min
Delta R.T.: 0.000 min
Response: 5488752
Conc: 44.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



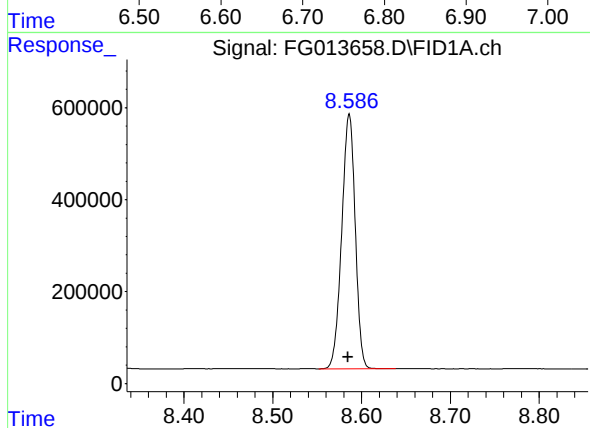
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 5853934
Conc: 45.47 ug/ml



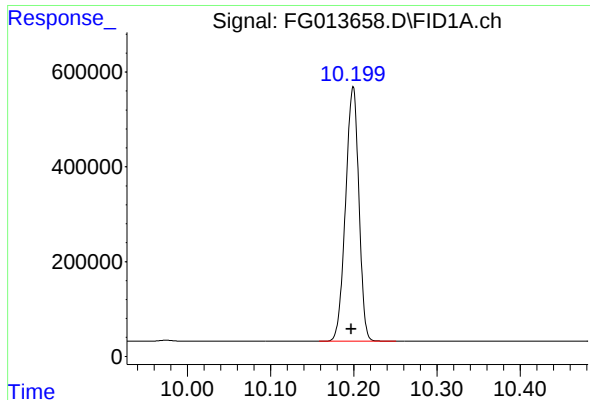
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 6000755
Conc: 44.91 ug/ml



#4 N-TETRADECANE

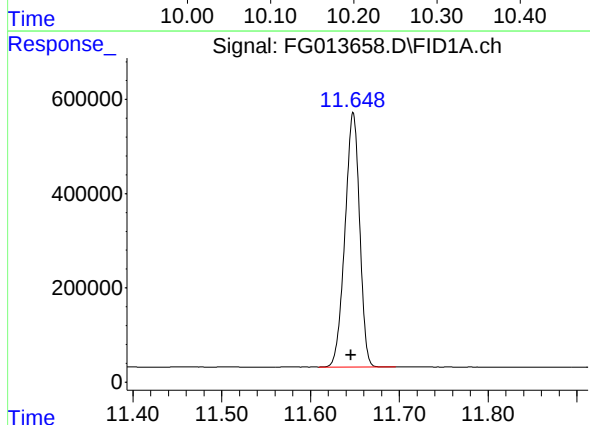
R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 5851458
Conc: 45.00 ug/ml



#5 N-HEXADECANE

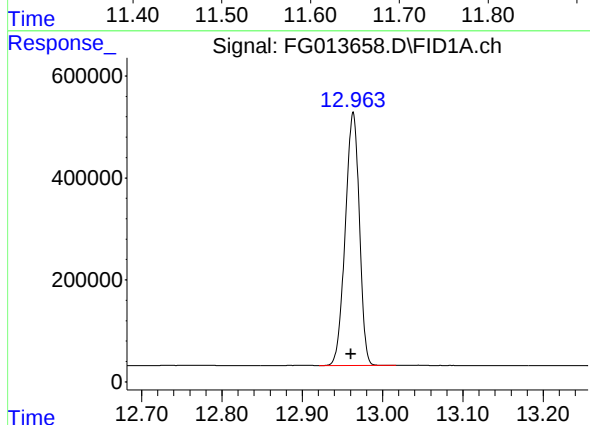
R.T.: 10.199 min
Delta R.T.: 0.002 min
Response: 5972496
Conc: 45.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



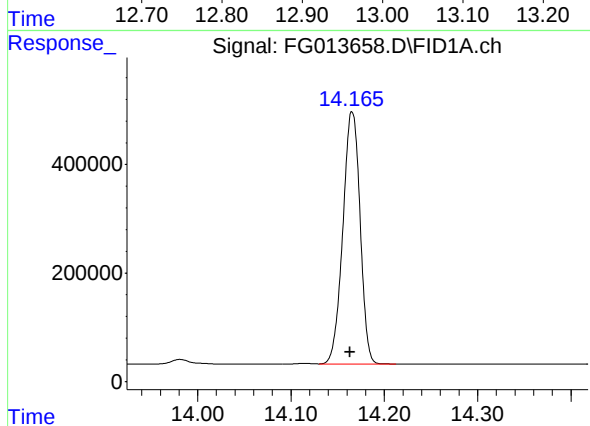
#6 N-OCTADECANE

R.T.: 11.648 min
Delta R.T.: 0.002 min
Response: 6184543
Conc: 45.75 ug/ml



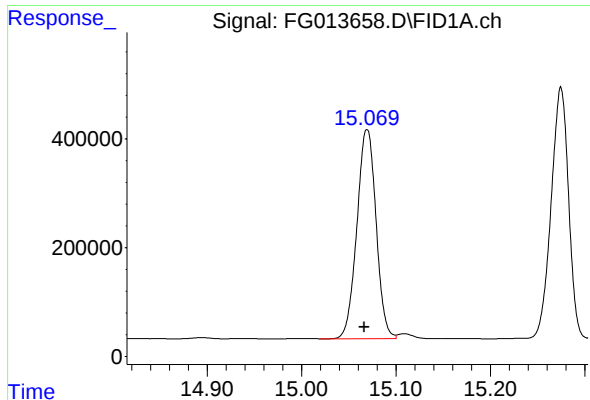
#7 N-EICOSANE

R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 6058039
Conc: 46.16 ug/ml



#8 N-DOCOSANE

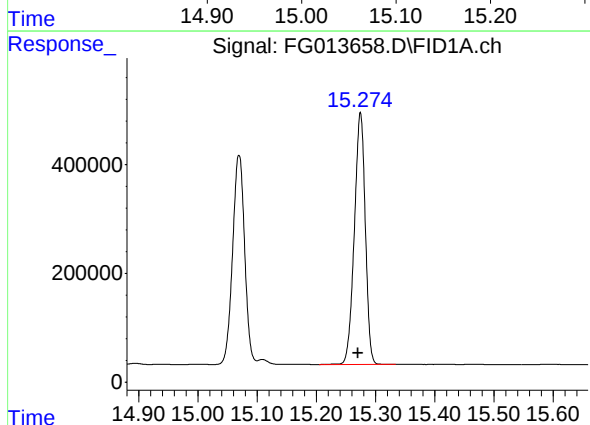
R.T.: 14.166 min
Delta R.T.: 0.002 min
Response: 5972291
Conc: 46.42 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

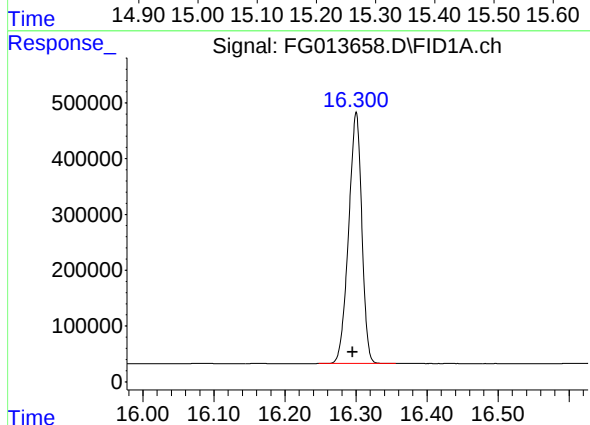
R.T.: 15.069 min
Delta R.T.: 0.003 min
Response: 5434495
Conc: 46.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



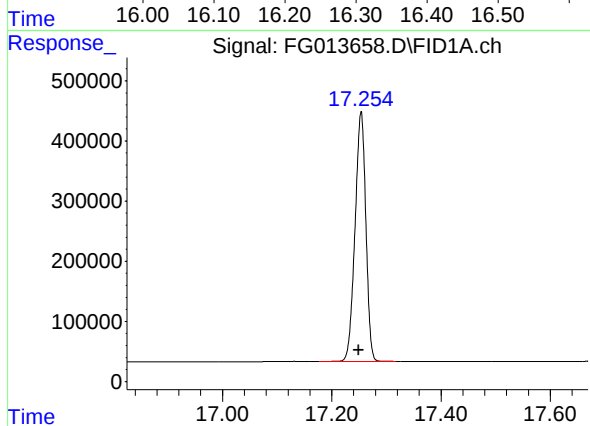
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.004 min
Response: 5944164
Conc: 46.72 ug/ml



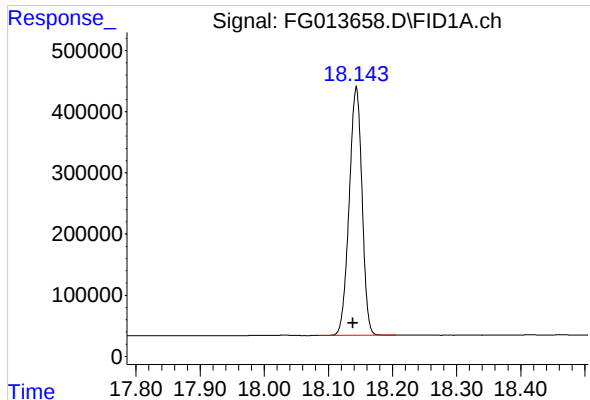
#11 N-HEXACOSANE

R.T.: 16.300 min
Delta R.T.: 0.005 min
Response: 5798829
Conc: 46.79 ug/ml



#12 N-OCTACOSANE

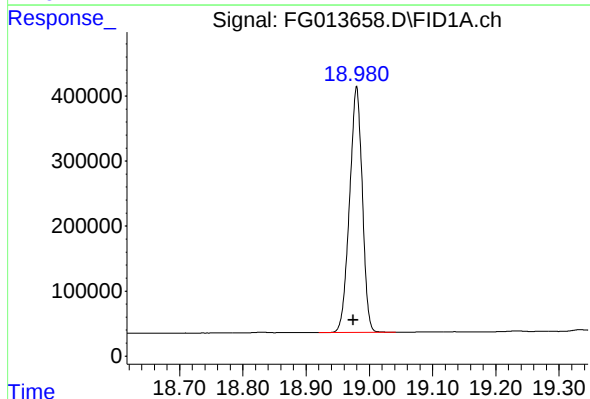
R.T.: 17.254 min
Delta R.T.: 0.005 min
Response: 5715798
Conc: 46.82 ug/ml



#13 N-TRIACONTANE

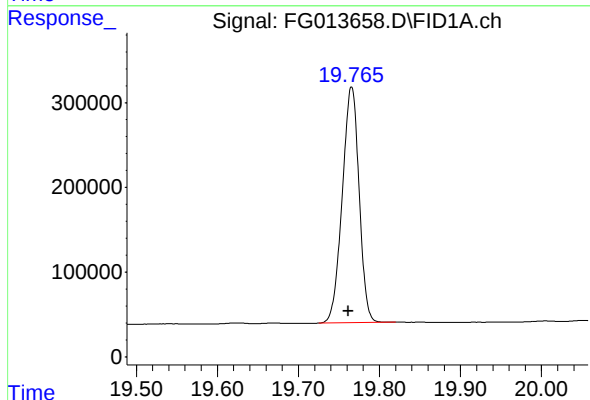
R.T.: 18.144 min
Delta R.T.: 0.005 min
Response: 5651887
Conc: 46.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



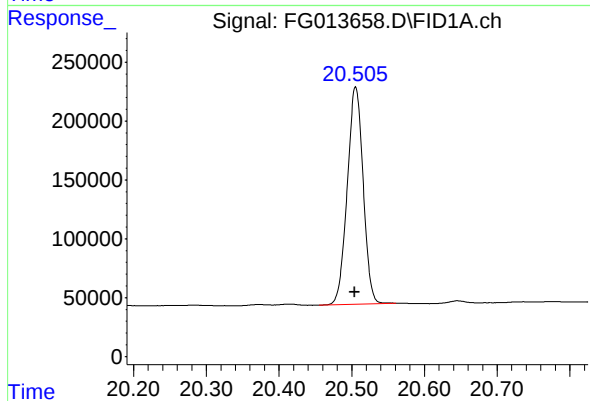
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: 0.005 min
Response: 5286869
Conc: 45.54 ug/ml



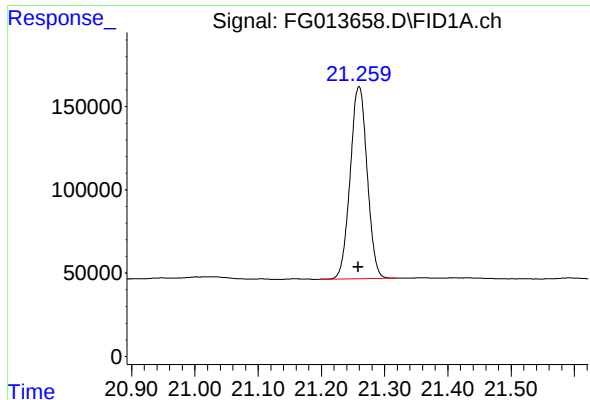
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: 0.004 min
Response: 4023514
Conc: 42.72 ug/ml



#16 N-HEXATRIACONTANE

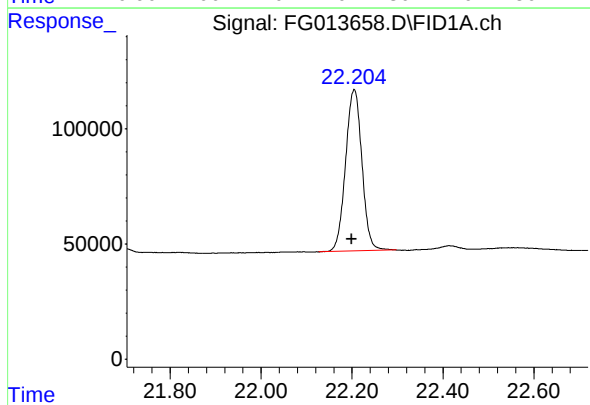
R.T.: 20.505 min
Delta R.T.: 0.001 min
Response: 2801596
Conc: 38.60 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.260 min
Delta R.T.: 0.001 min
Response: 2153803
Conc: 33.10 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.205 min
Delta R.T.: 0.006 min
Response: 1747990
Conc: 27.59 ug/ml