

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923\
 Data File : FG013046.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 13:52
 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: Oct 09 14:08:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 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...	15.094	5355559	47.257 ug/ml
Target Compounds			
1) N-OCTANE	2.075	5351158	47.853 ug/ml
2) N-DECANE	4.600	5737153	49.852 ug/ml
3) N-DODECANE	6.776	5816572	49.535 ug/ml
4) N-TETRADECANE	8.611	5815256	49.231 ug/ml
5) N-HEXADECANE	10.226	5930077	49.017 ug/ml
6) N-OCTADECANE	11.674	5938305	48.663 ug/ml
7) N-EICOSANE	12.990	5897414	48.168 ug/ml
8) N-DOCOSANE	14.192	5683981	47.688 ug/ml
10) N-TETRACOSANE	15.300	5662883	47.253 ug/ml
11) N-HEXACOSANE	16.323	5539264	46.784 ug/ml
12) N-OCTACOSANE	17.275	5489668	46.898 ug/ml
13) N-TRIACONTANE	18.165	5492792	47.582 ug/ml
14) N-DOTRIACONTANE	18.999	5342712	48.039 ug/ml
15) N-TETRATRIACONTANE	19.785	4670542	49.455 ug/ml
16) N-HEXATRIACONTANE	20.524	3883408	52.554 ug/ml
17) N-OCTATRIACONTANE	21.284	3577866	54.003 ug/ml
18) N-TETRACONTANE	22.238	3635074	57.647 ug/ml

(f)=RT Delta > 1/2 Window

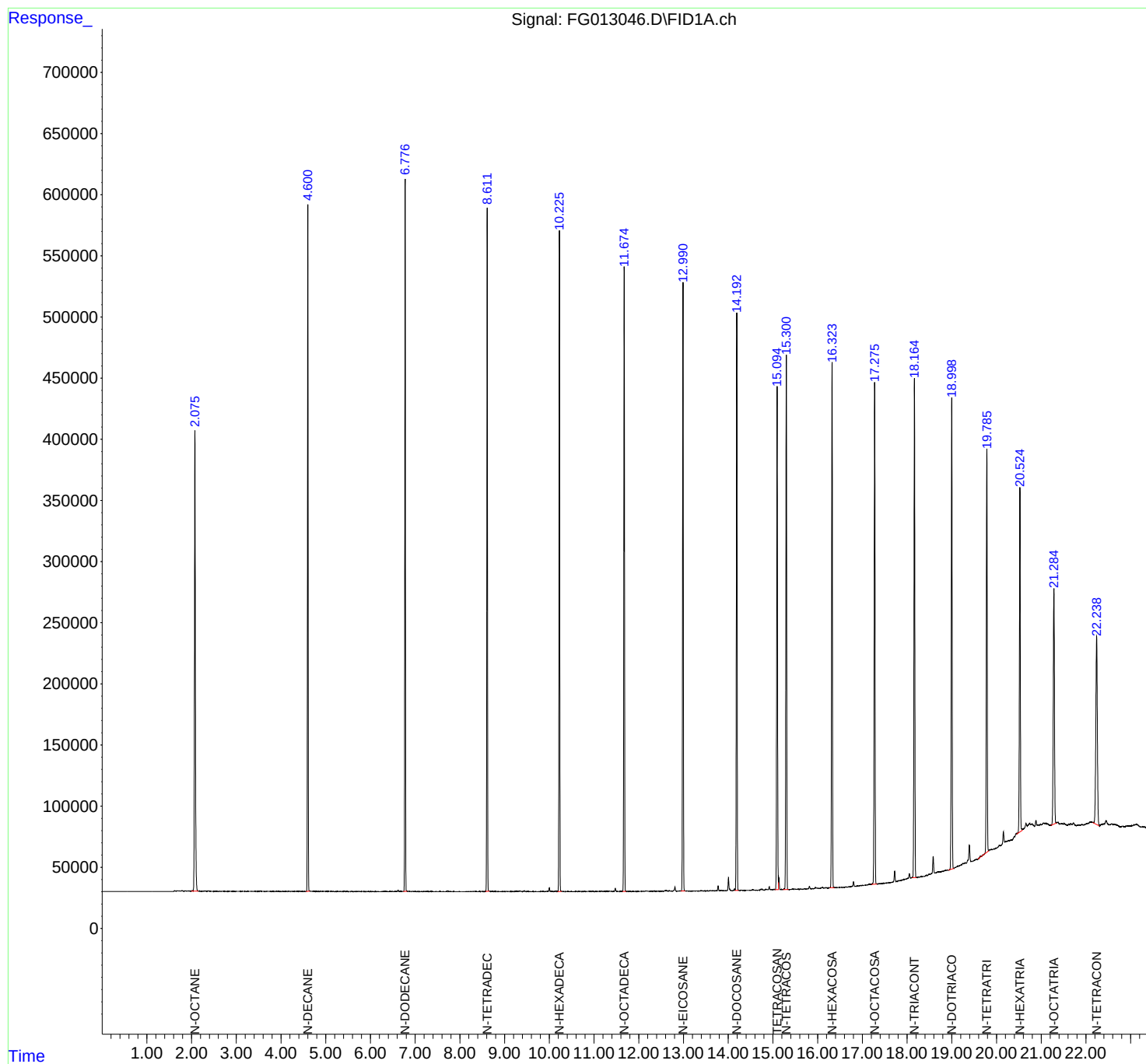
(m)=manual int.

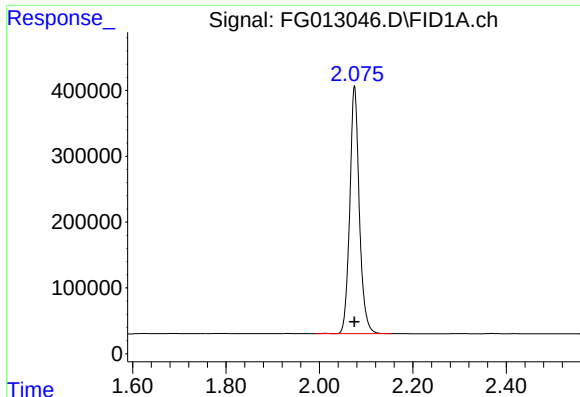
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

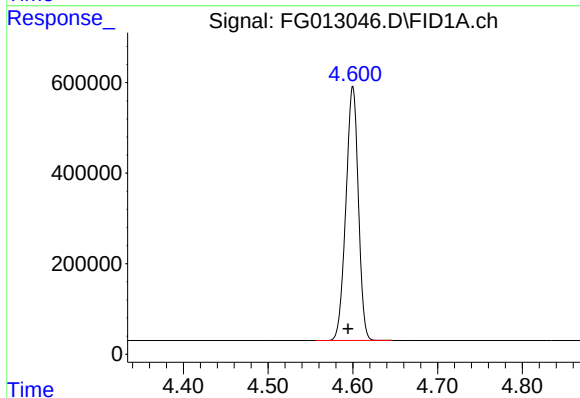




#1 N-OCTANE

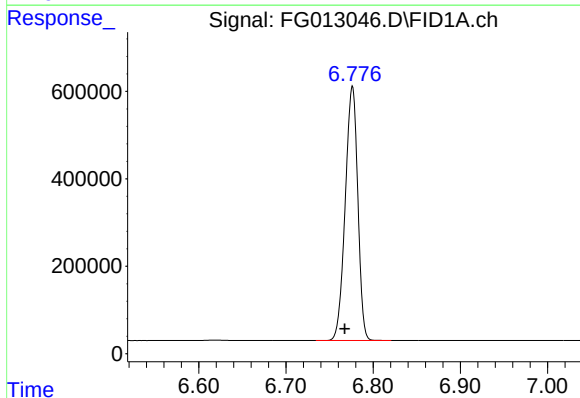
R.T.: 2.075 min
Delta R.T.: 0.000 min
Response: 5351158
Conc: 47.85 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



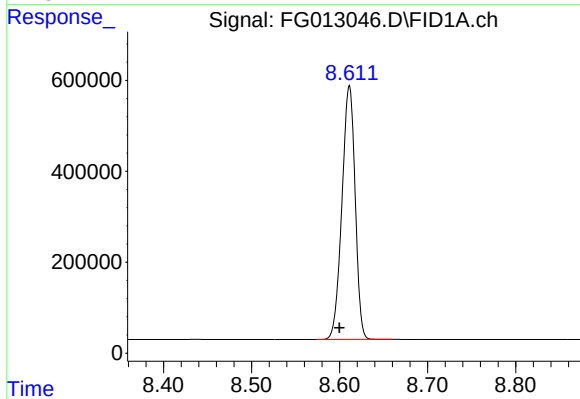
#2 N-DECANE

R.T.: 4.600 min
Delta R.T.: 0.006 min
Response: 5737153
Conc: 49.85 ug/ml



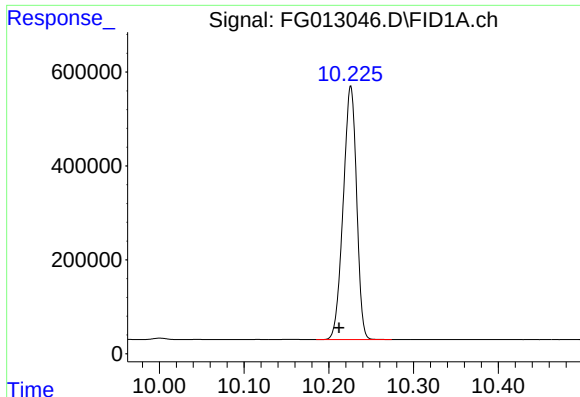
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: 0.009 min
Response: 5816572
Conc: 49.53 ug/ml



#4 N-TETRADECANE

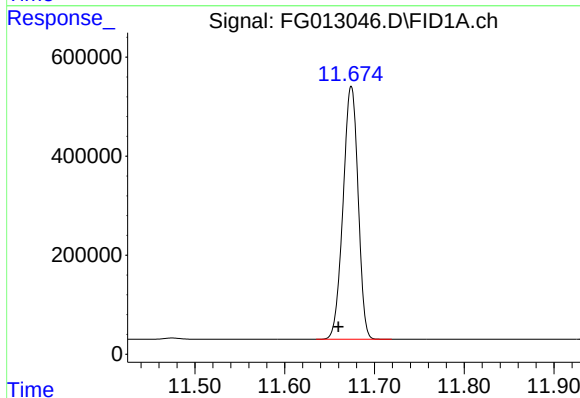
R.T.: 8.611 min
Delta R.T.: 0.012 min
Response: 5815256
Conc: 49.23 ug/ml



#5 N-HEXADECANE

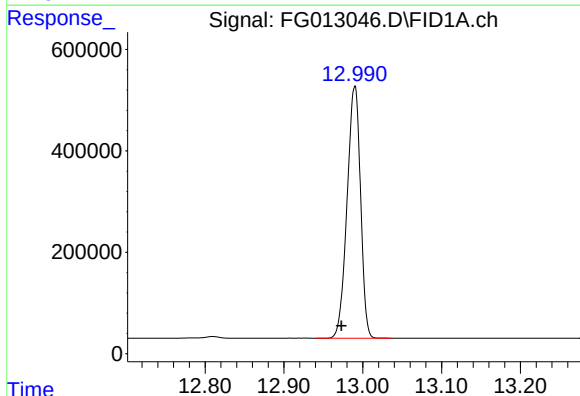
R.T.: 10.226 min
Delta R.T.: 0.014 min
Response: 5930077
Conc: 49.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



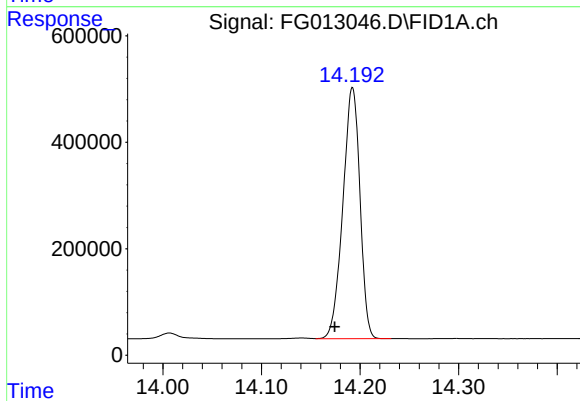
#6 N-OCTADECANE

R.T.: 11.674 min
Delta R.T.: 0.014 min
Response: 5938305
Conc: 48.66 ug/ml



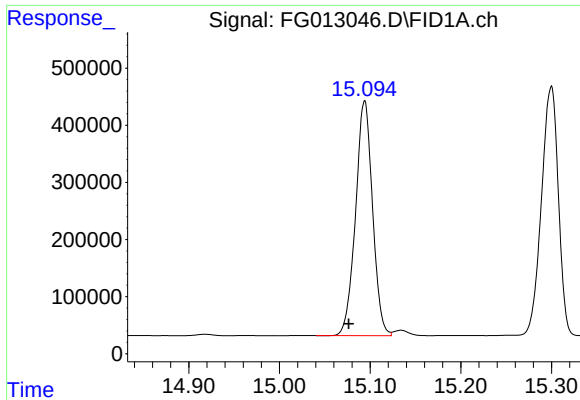
#7 N-EICOSANE

R.T.: 12.990 min
Delta R.T.: 0.017 min
Response: 5897414
Conc: 48.17 ug/ml



#8 N-DOCOSANE

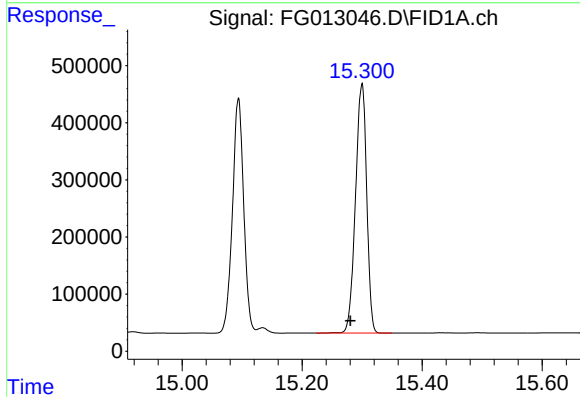
R.T.: 14.192 min
Delta R.T.: 0.018 min
Response: 5683981
Conc: 47.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

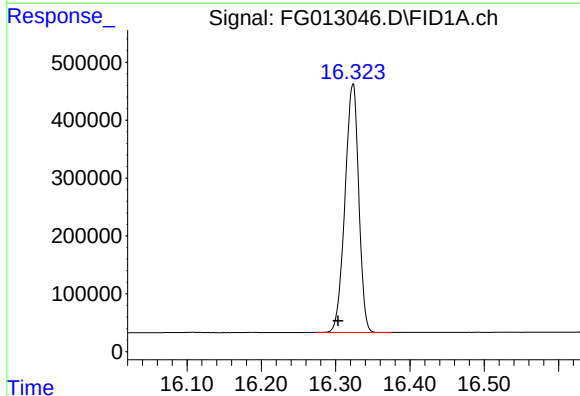
R.T.: 15.094 min
Delta R.T.: 0.017 min
Response: 535559
Conc: 47.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



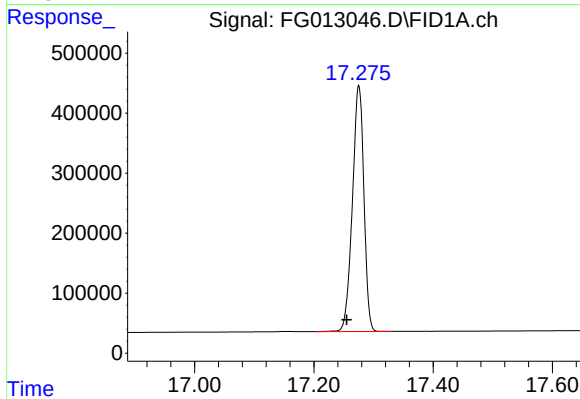
#10 N-TETRACOSANE

R.T.: 15.300 min
Delta R.T.: 0.019 min
Response: 5662883
Conc: 47.25 ug/ml



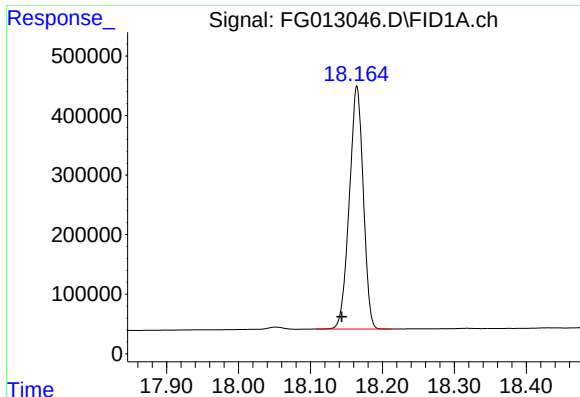
#11 N-HEXACOSANE

R.T.: 16.323 min
Delta R.T.: 0.020 min
Response: 5539264
Conc: 46.78 ug/ml



#12 N-OCTACOSANE

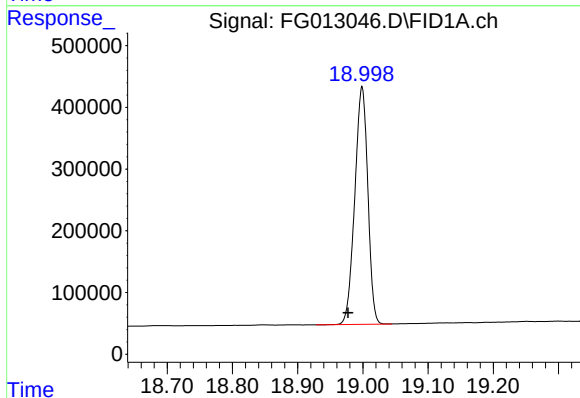
R.T.: 17.275 min
Delta R.T.: 0.020 min
Response: 5489668
Conc: 46.90 ug/ml



#13 N-TRIACONTANE

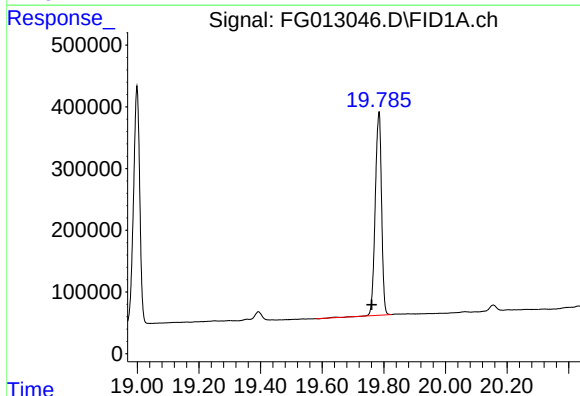
R.T.: 18.165 min
Delta R.T.: 0.021 min
Response: 5492792
Conc: 47.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



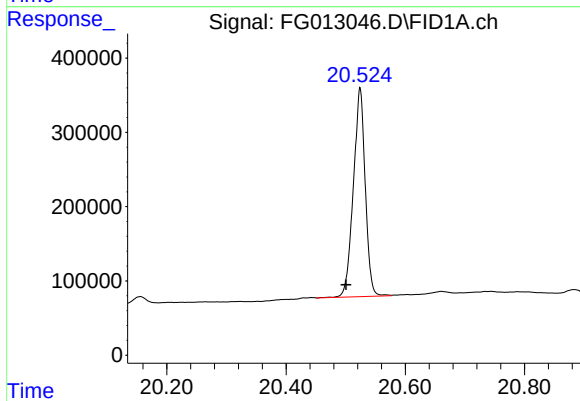
#14 N-DOTRIACONTANE

R.T.: 18.999 min
Delta R.T.: 0.022 min
Response: 5342712
Conc: 48.04 ug/ml



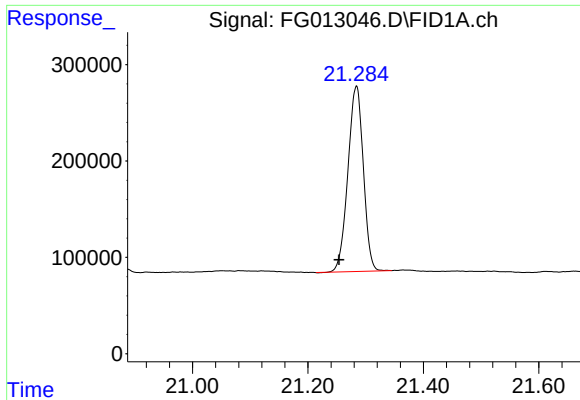
#15 N-TETRATRIACONTANE

R.T.: 19.785 min
Delta R.T.: 0.024 min
Response: 4670542
Conc: 49.46 ug/ml



#16 N-HEXATRIACONTANE

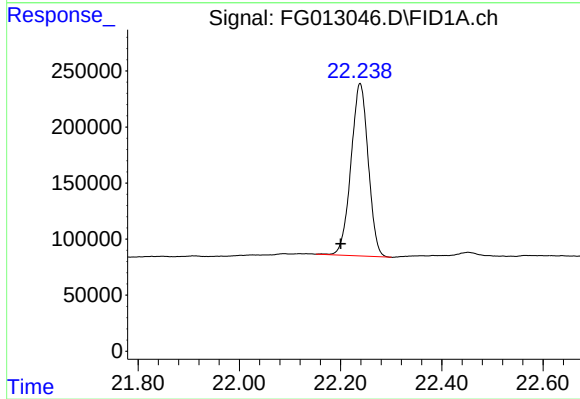
R.T.: 20.524 min
Delta R.T.: 0.024 min
Response: 3883408
Conc: 52.55 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.284 min
Delta R.T.: 0.030 min
Response: 3577866
Conc: 54.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.238 min
Delta R.T.: 0.038 min
Response: 3635074
Conc: 57.65 ug/ml