

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070125\
 Data File : FG016197.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2025 11:04
 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: Jul 02 01:18:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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...	15.202	5778468	49.262 ug/ml
Target Compounds			
1) N-OCTANE	2.127	6227969	50.512 ug/ml
2) N-DECANE	4.675	6411246	51.101 ug/ml
3) N-DODECANE	6.857	6521636	51.108 ug/ml
4) N-TETRADECANE	8.697	6546765	50.729 ug/ml
5) N-HEXADECANE	10.316	6582928	50.435 ug/ml
6) N-OCTADECANE	11.770	6711568	50.116 ug/ml
7) N-EICOSANE	13.090	6726578	49.724 ug/ml
8) N-DOCOSANE	14.296	6526264	49.502 ug/ml
10) N-TETRACOSANE	15.408	6484975	49.229 ug/ml
11) N-HEXACOSANE	16.435	6389330	48.808 ug/ml
12) N-OCTACOSANE	17.392	6256030	48.427 ug/ml
13) N-TRIACONTANE	18.285	6172920	47.754 ug/ml
14) N-DOTRIACONTANE	19.121	5874586	47.292 ug/ml
15) N-TETRATRIACONTANE	19.909	5381906	48.955 ug/ml
16) N-HEXATRIACONTANE	20.651	4828737	52.352 ug/ml
17) N-OCTATRIACONTANE	21.443	4476619	56.869 ug/ml
18) N-TETRACONTANE	22.443	4234933	60.250 ug/ml

(f)=RT Delta > 1/2 Window

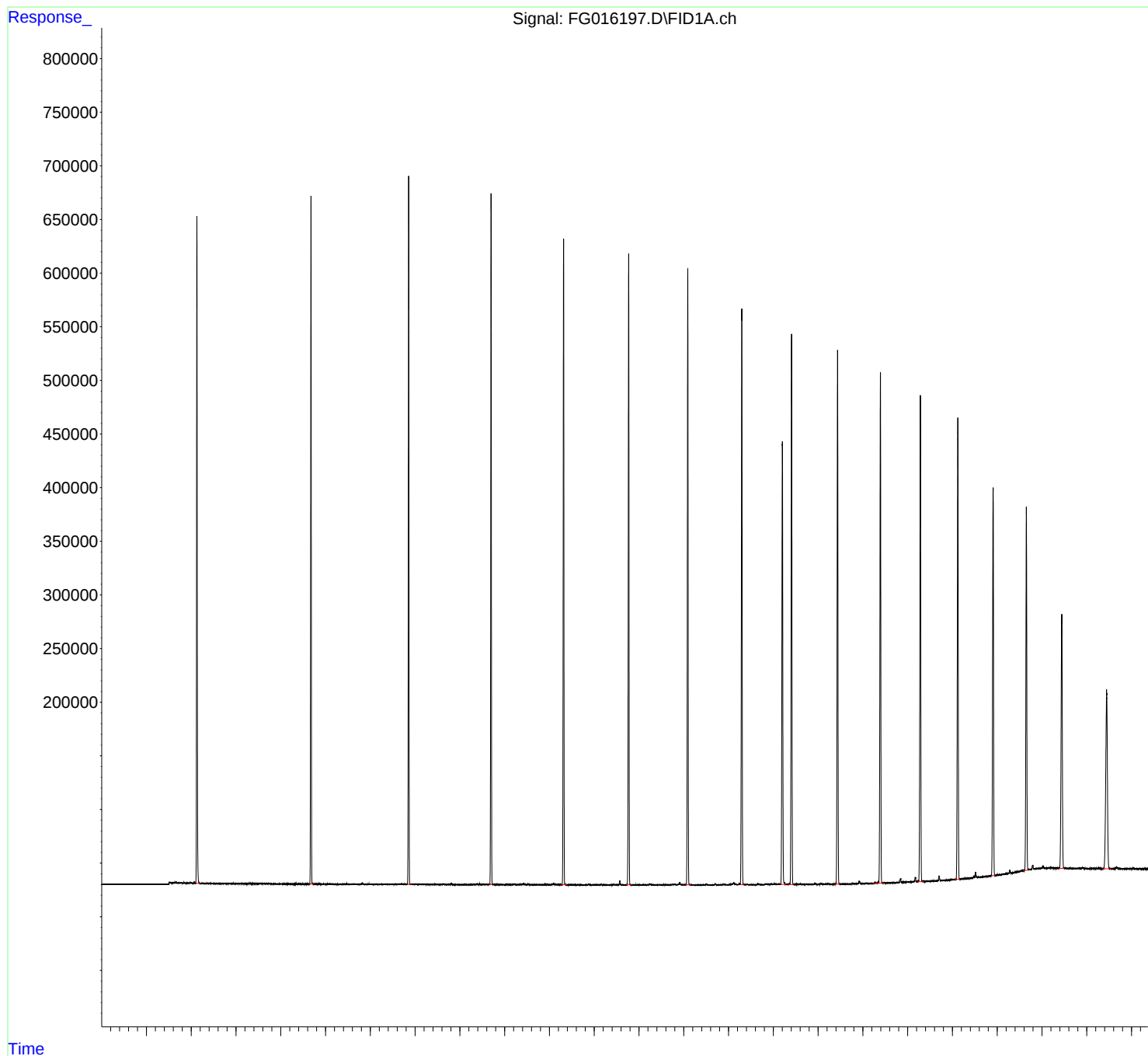
(m)=manual int.

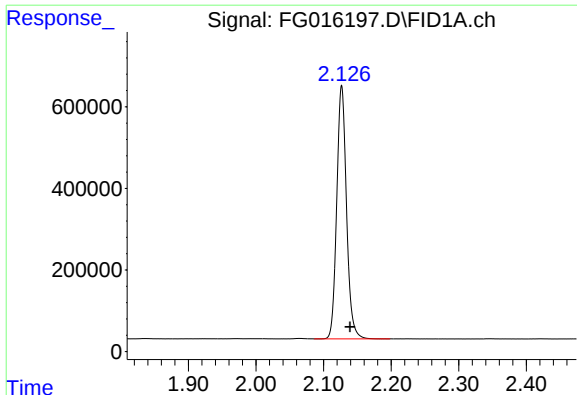
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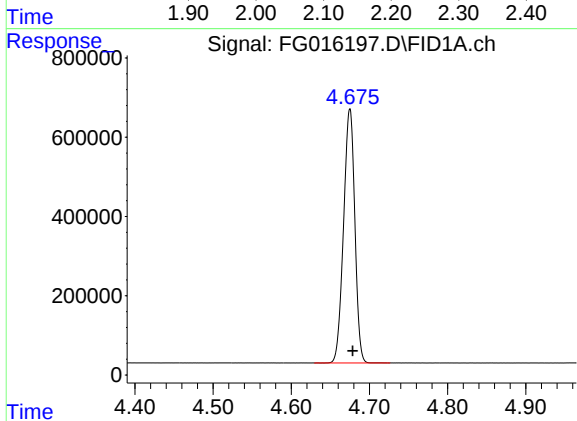




#1 N-OCTANE

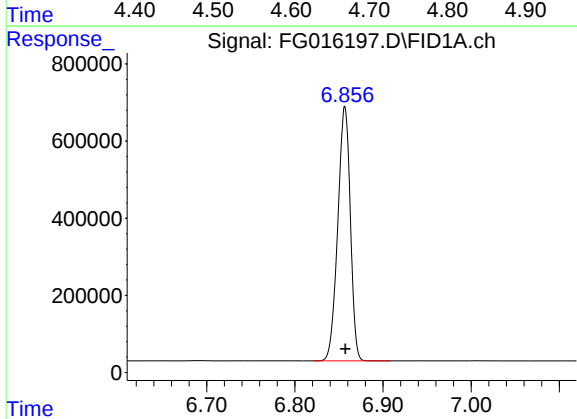
R.T.: 2.127 min
Delta R.T.: -0.012 min
Response: 6227969
Conc: 50.51 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



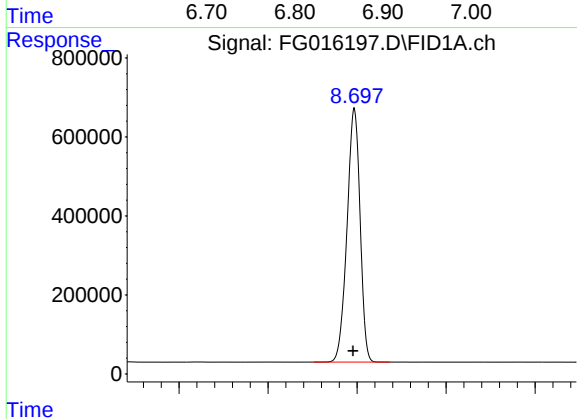
#2 N-DECANE

R.T.: 4.675 min
Delta R.T.: -0.004 min
Response: 6411246
Conc: 51.10 ug/ml



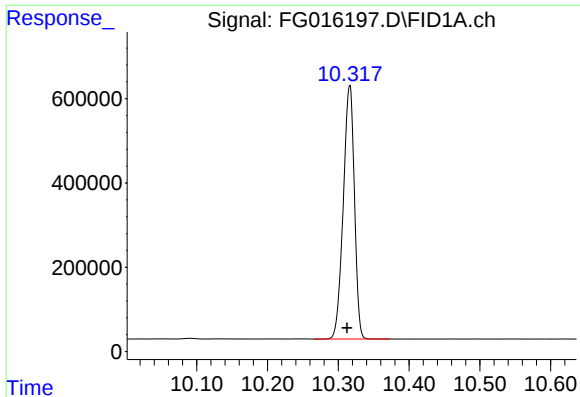
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 6521636
Conc: 51.11 ug/ml



#4 N-TETRADECANE

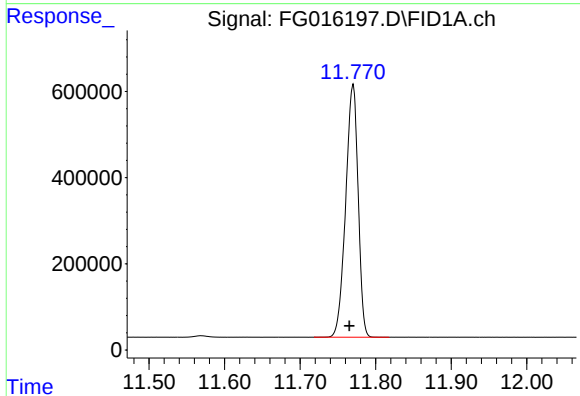
R.T.: 8.697 min
Delta R.T.: 0.002 min
Response: 6546765
Conc: 50.73 ug/ml



#5 N-HEXADECANE

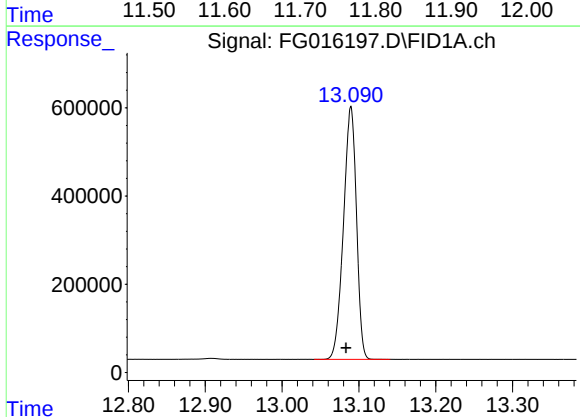
R.T.: 10.316 min
Delta R.T.: 0.004 min
Response: 6582928
Conc: 50.44 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



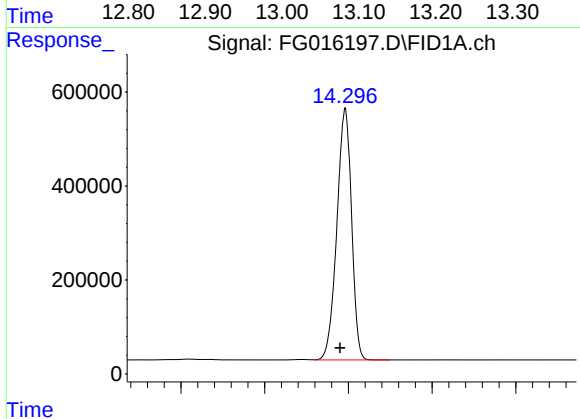
#6 N-OCTADECANE

R.T.: 11.770 min
Delta R.T.: 0.005 min
Response: 6711568
Conc: 50.12 ug/ml



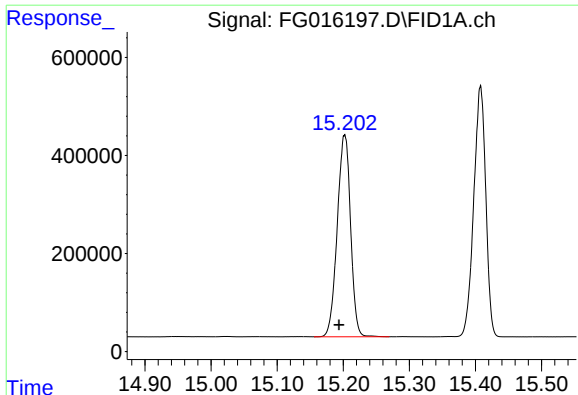
#7 N-EICOSANE

R.T.: 13.090 min
Delta R.T.: 0.006 min
Response: 6726578
Conc: 49.72 ug/ml



#8 N-DOCOSANE

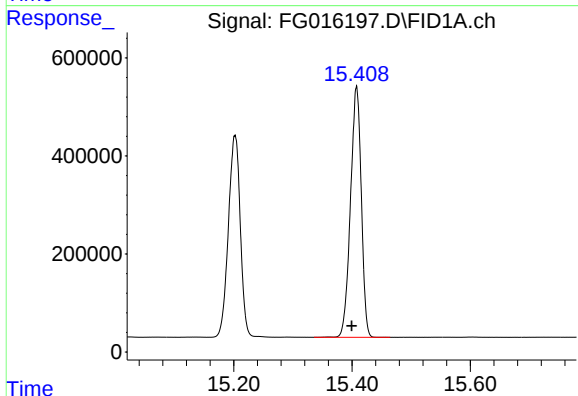
R.T.: 14.296 min
Delta R.T.: 0.006 min
Response: 6526264
Conc: 49.50 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

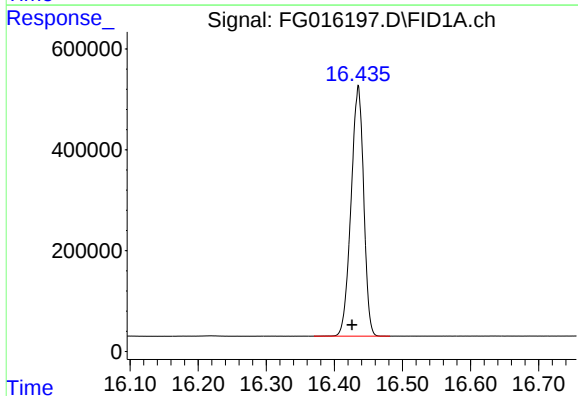
R.T.: 15.202 min
Delta R.T.: 0.009 min
Response: 5778468
Conc: 49.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



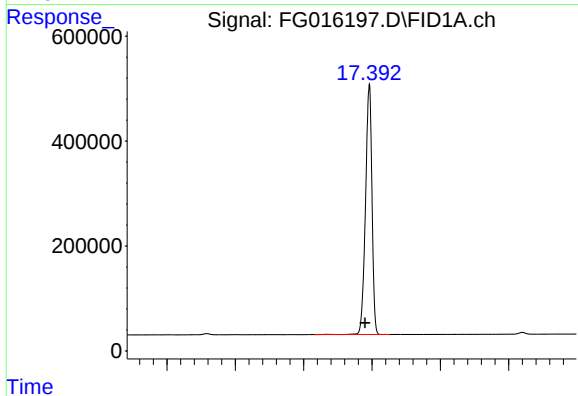
#10 N-TETRACOSANE

R.T.: 15.408 min
Delta R.T.: 0.008 min
Response: 6484975
Conc: 49.23 ug/ml



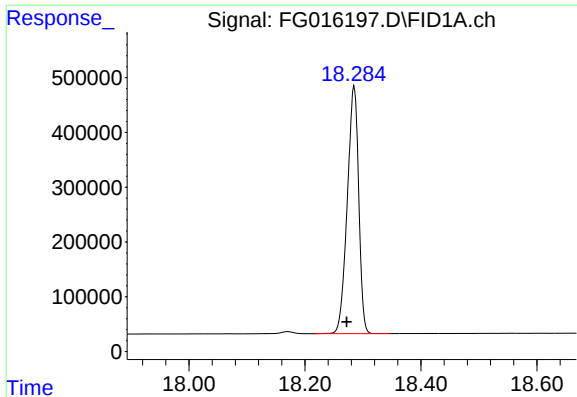
#11 N-HEXACOSANE

R.T.: 16.435 min
Delta R.T.: 0.009 min
Response: 6389330
Conc: 48.81 ug/ml



#12 N-OCTACOSANE

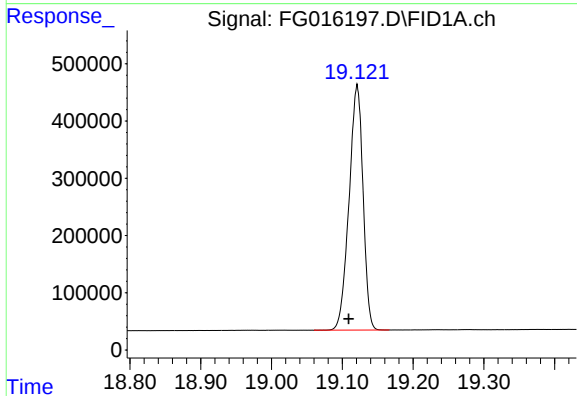
R.T.: 17.392 min
Delta R.T.: 0.012 min
Response: 6256030
Conc: 48.43 ug/ml



#13 N-TRIACONTANE

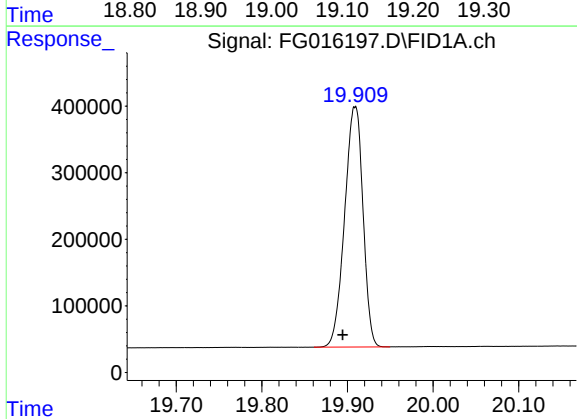
R.T.: 18.285 min
Delta R.T.: 0.013 min
Response: 6172920
Conc: 47.75 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



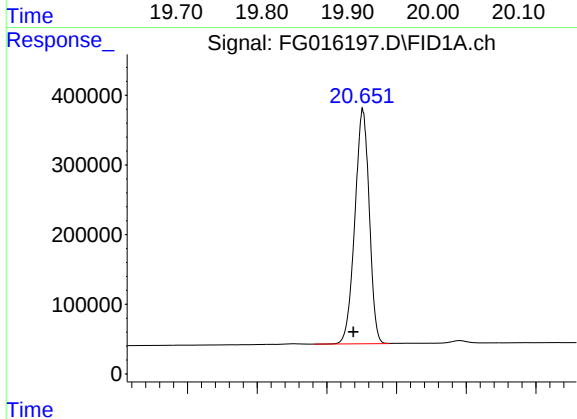
#14 N-DOTRIACONTANE

R.T.: 19.121 min
Delta R.T.: 0.012 min
Response: 5874586
Conc: 47.29 ug/ml



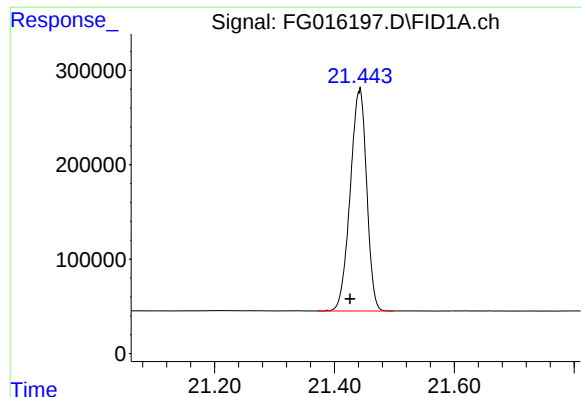
#15 N-TETRATRIACONTANE

R.T.: 19.909 min
Delta R.T.: 0.014 min
Response: 5381906
Conc: 48.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.651 min
Delta R.T.: 0.013 min
Response: 4828737
Conc: 52.35 ug/ml



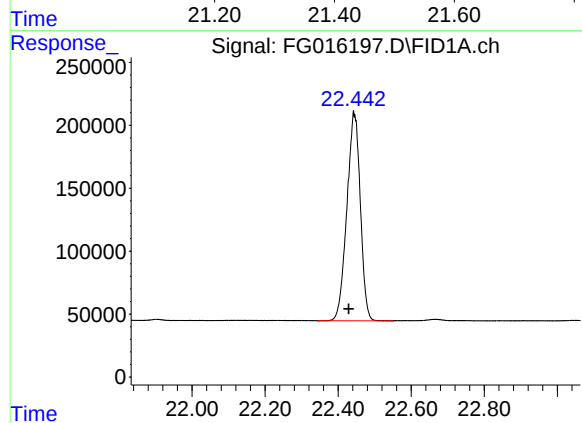
#17 N-OCTATRIACONTANE

R.T.: 21.443 min
Delta R.T.: 0.016 min
Response: 4476619
Conc: 56.87 ug/ml

Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.443 min
Delta R.T.: 0.014 min
Response: 4234933
Conc: 60.25 ug/ml