

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040325\
 Data File : FG015613.D
 Signal(s) : FID1A.ch
 Acq On : 03 Apr 2025 10:36
 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: Apr 04 01:05:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.014	5696285	49.721 ug/ml
Target Compounds			
1) N-OCTANE	1.985	6124870	52.696 ug/ml
2) N-DECANE	4.516	6245345	52.866 ug/ml
3) N-DODECANE	6.698	6436045	53.004 ug/ml
4) N-TETRADECANE	8.534	6512678	51.646 ug/ml
5) N-HEXADECANE	10.148	6519193	50.632 ug/ml
6) N-OCTADECANE	11.596	6608536	50.163 ug/ml
7) N-EICOSANE	12.910	6641833	49.603 ug/ml
8) N-DOCOSANE	14.113	6405773	49.295 ug/ml
10) N-TETRACOSANE	15.218	6323834	48.823 ug/ml
11) N-HEXACOSANE	16.243	6200452	48.717 ug/ml
12) N-OCTACOSANE	17.195	6000526	48.003 ug/ml
13) N-TRIACONTANE	18.084	5884422	47.010 ug/ml
14) N-DOTRIACONTANE	18.917	5617236	47.332 ug/ml
15) N-TETRATRIACONTANE	19.702	5359282	51.346 ug/ml
16) N-HEXATRIACONTANE	20.442	4758585	54.294 ug/ml
17) N-OCTATRIACONTANE	21.184	3695470	49.517 ug/ml
18) N-TETRACONTANE	22.105	2454019	37.049 ug/ml

(f)=RT Delta > 1/2 Window

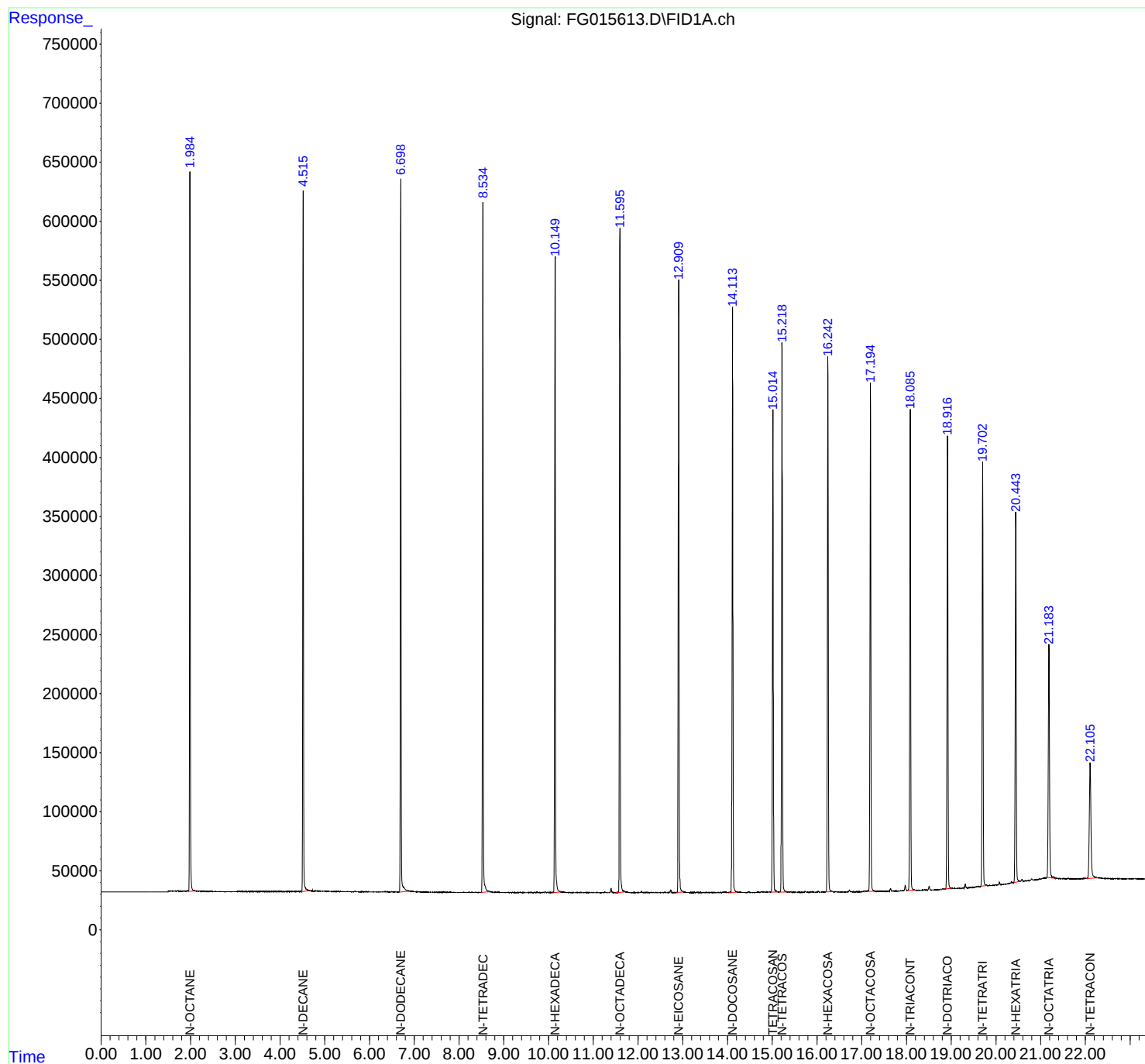
(m)=manual int.

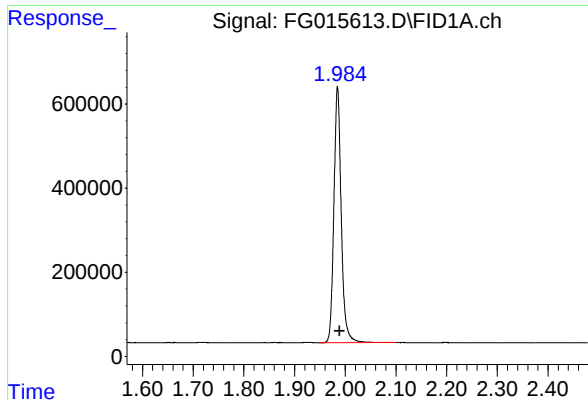
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Signal Info : 20mx0.18mmx0.18um

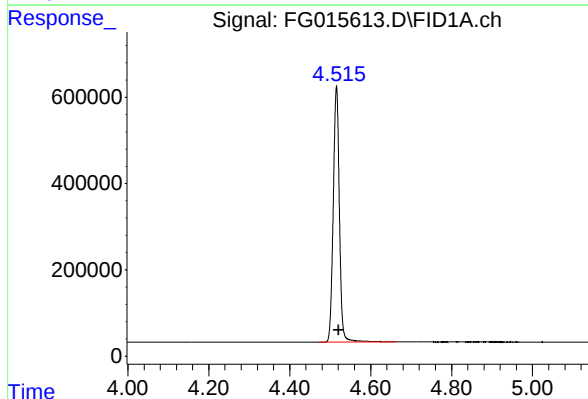




#1 N-OCTANE

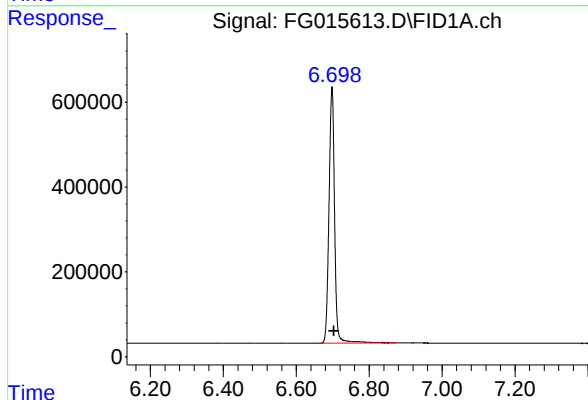
R.T.: 1.985 min
Delta R.T.: -0.004 min
Response: 6124870
Conc: 52.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



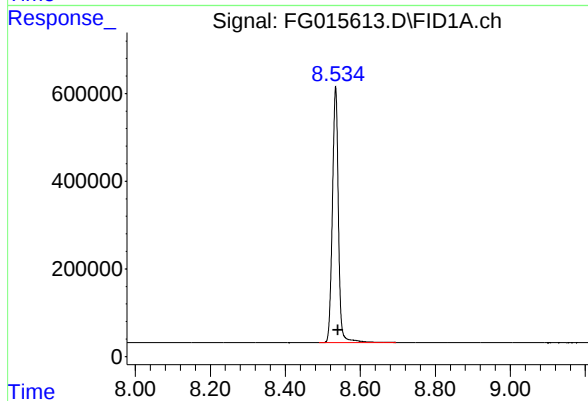
#2 N-DECANE

R.T.: 4.516 min
Delta R.T.: -0.006 min
Response: 6245345
Conc: 52.87 ug/ml



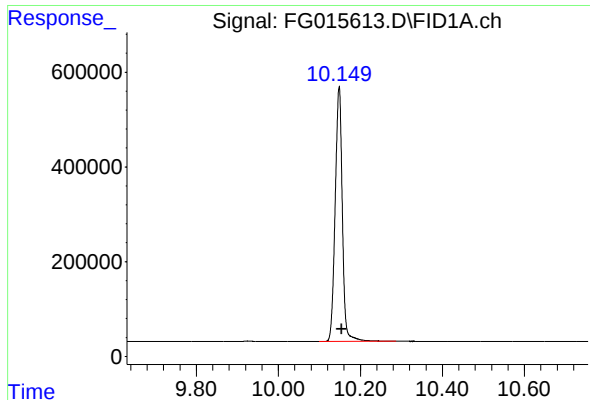
#3 N-DODECANE

R.T.: 6.698 min
Delta R.T.: -0.006 min
Response: 6436045
Conc: 53.00 ug/ml



#4 N-TETRADECANE

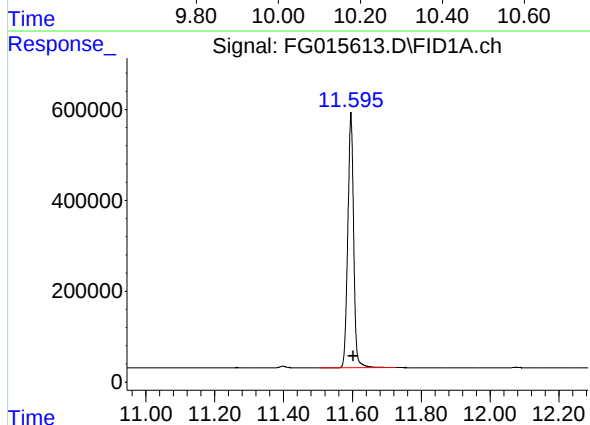
R.T.: 8.534 min
Delta R.T.: -0.006 min
Response: 6512678
Conc: 51.65 ug/ml



#5 N-HEXADECANE

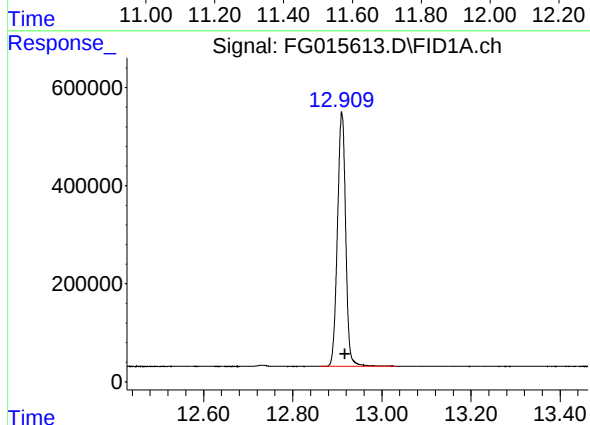
R.T.: 10.148 min
Delta R.T.: -0.006 min
Response: 6519193
Conc: 50.63 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



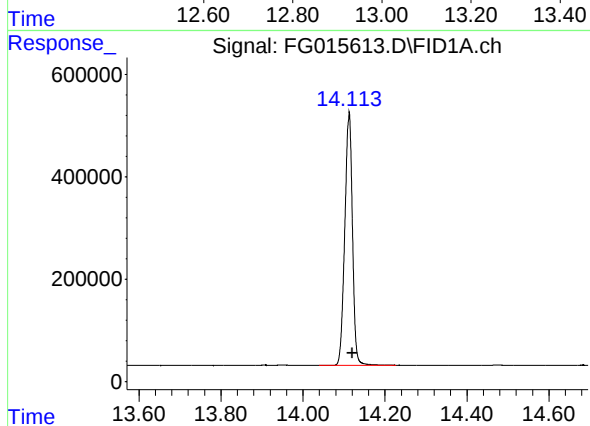
#6 N-OCTADECANE

R.T.: 11.596 min
Delta R.T.: -0.007 min
Response: 6608536
Conc: 50.16 ug/ml



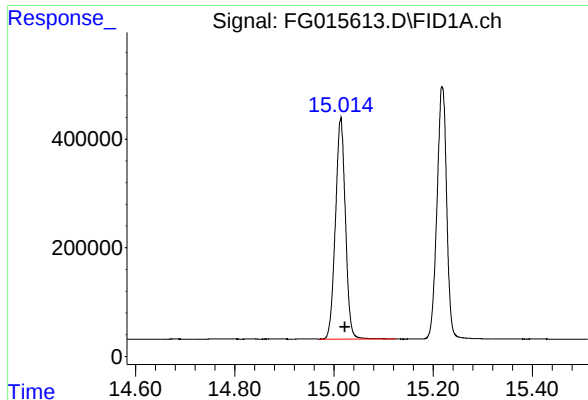
#7 N-EICOSANE

R.T.: 12.910 min
Delta R.T.: -0.007 min
Response: 6641833
Conc: 49.60 ug/ml



#8 N-DOCOSANE

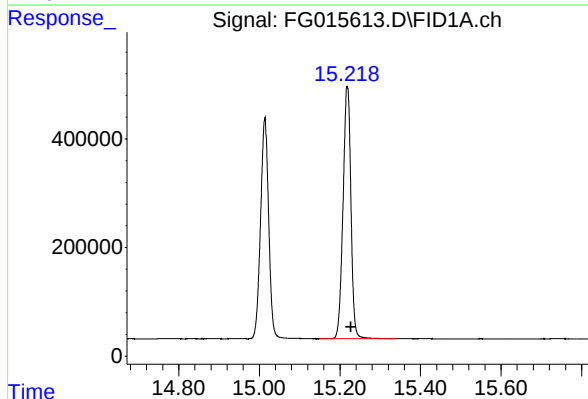
R.T.: 14.113 min
Delta R.T.: -0.008 min
Response: 6405773
Conc: 49.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

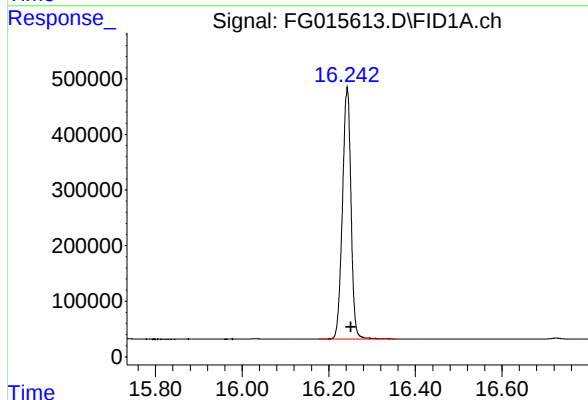
R.T.: 15.014 min
Delta R.T.: -0.008 min
Response: 5696285
Conc: 49.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



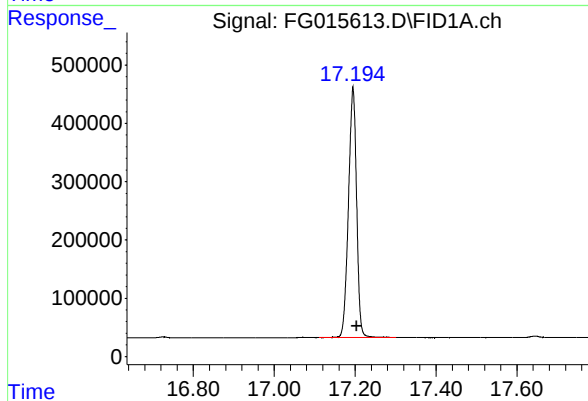
#10 N-TETRACOSANE

R.T.: 15.218 min
Delta R.T.: -0.009 min
Response: 6323834
Conc: 48.82 ug/ml



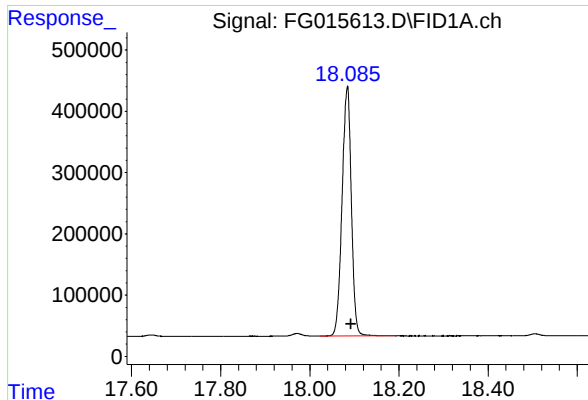
#11 N-HEXACOSANE

R.T.: 16.243 min
Delta R.T.: -0.009 min
Response: 6200452
Conc: 48.72 ug/ml



#12 N-OCTACOSANE

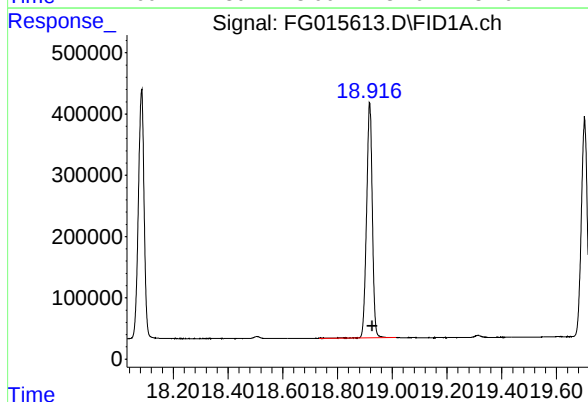
R.T.: 17.195 min
Delta R.T.: -0.009 min
Response: 6000526
Conc: 48.00 ug/ml



#13 N-TRIACONTANE

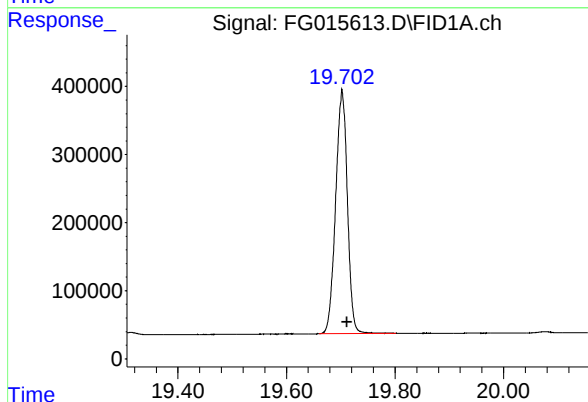
R.T.: 18.084 min
Delta R.T.: -0.008 min
Response: 5884422
Conc: 47.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



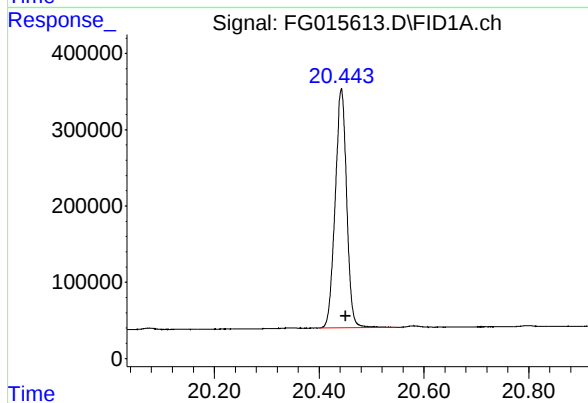
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: -0.009 min
Response: 5617236
Conc: 47.33 ug/ml



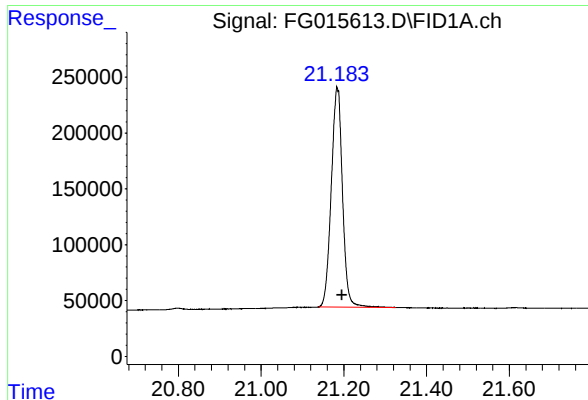
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: -0.009 min
Response: 5359282
Conc: 51.35 ug/ml



#16 N-HEXATRIACONTANE

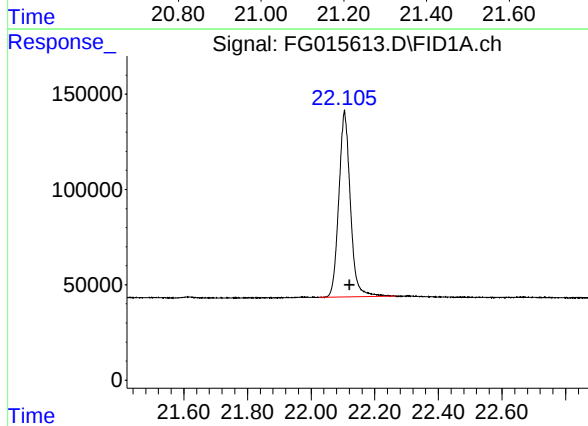
R.T.: 20.442 min
Delta R.T.: -0.008 min
Response: 4758585
Conc: 54.29 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.184 min
Delta R.T.: -0.012 min
Response: 3695470
Conc: 49.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.105 min
Delta R.T.: -0.017 min
Response: 2454019
Conc: 37.05 ug/ml