

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040723\
 Data File : FG011728.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 09:23
 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 10 03:33:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.059	4590440	45.606 ug/ml
Target Compounds			
1) N-OCTANE	2.047	5013872	42.603 ug/ml
2) N-DECANE	4.572	5948813	49.223 ug/ml
3) N-DODECANE	6.747	5973277	48.951 ug/ml
4) N-TETRADECANE	8.579	5882884	48.344 ug/ml
5) N-HEXADECANE	10.193	5858528	47.510 ug/ml
6) N-OCTADECANE	11.640	5703782	46.700 ug/ml
7) N-EICOSANE	12.954	5533610	46.053 ug/ml
8) N-DOCOSANE	14.156	5255437	45.815 ug/ml
10) N-TETRACOSANE	15.263	5216385	46.179 ug/ml
11) N-HEXACOSANE	16.288	5086452	47.100 ug/ml
12) N-OCTACOSANE	17.241	5074656	48.939 ug/ml
13) N-TRIACONTANE	18.131	5179398	52.264 ug/ml
14) N-DOTRIACONTANE	18.966	5227218	56.361 ug/ml
15) N-TETRATRIACONTANE	19.753	5231777	62.057 ug/ml
16) N-HEXATRIACONTANE	20.495	5042284	65.498 ug/ml
17) N-OCTATRIACONTANE	21.249	4889459	64.942 ug/ml
18) N-TETRACONTANE	22.192	4832181	65.839 ug/ml

(f)=RT Delta > 1/2 Window

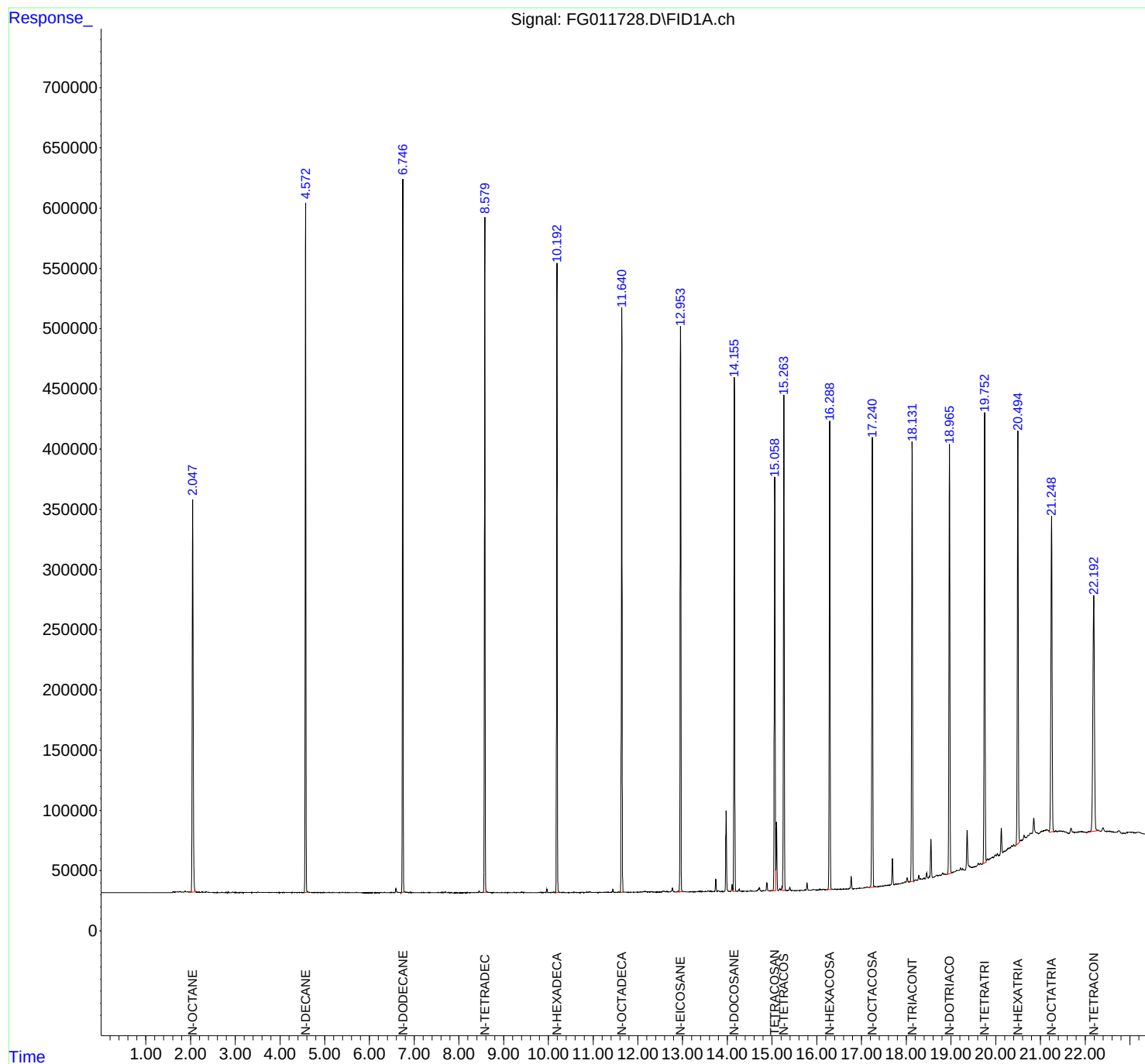
(m)=manual int.

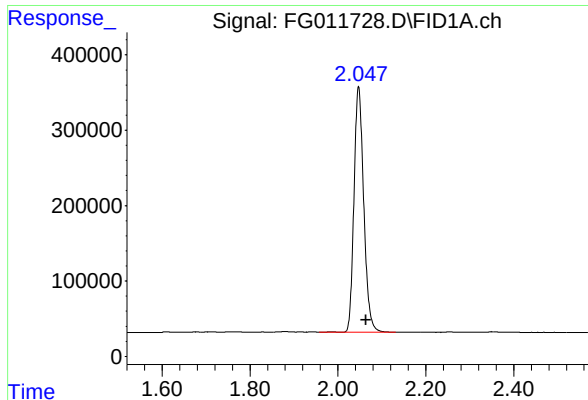
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Signal Info : 20mx0.18mmx0.18um

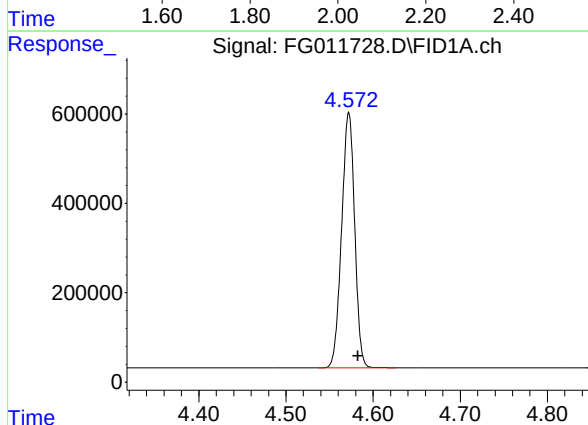




#1 N-OCTANE

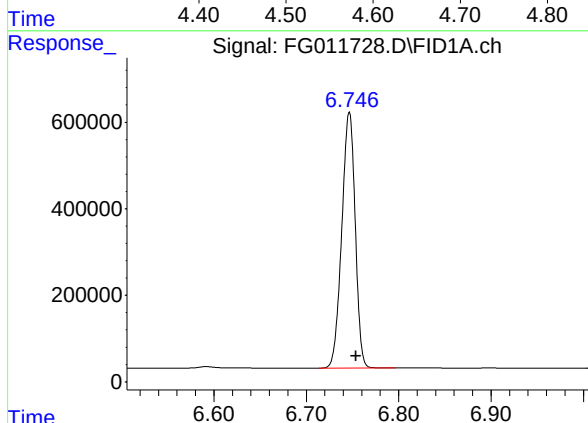
R.T.: 2.047 min
Delta R.T.: -0.017 min
Response: 5013872
Conc: 42.60 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



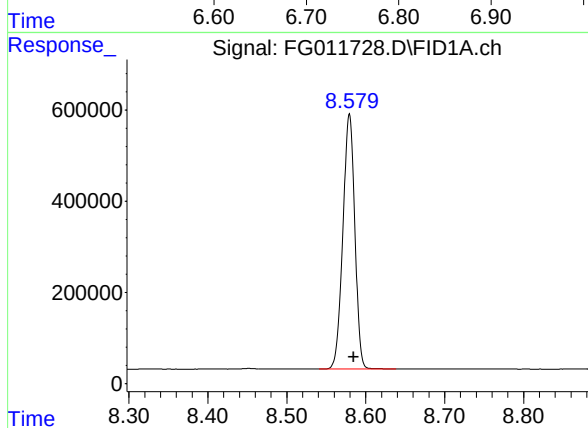
#2 N-DECANE

R.T.: 4.572 min
Delta R.T.: -0.011 min
Response: 5948813
Conc: 49.22 ug/ml



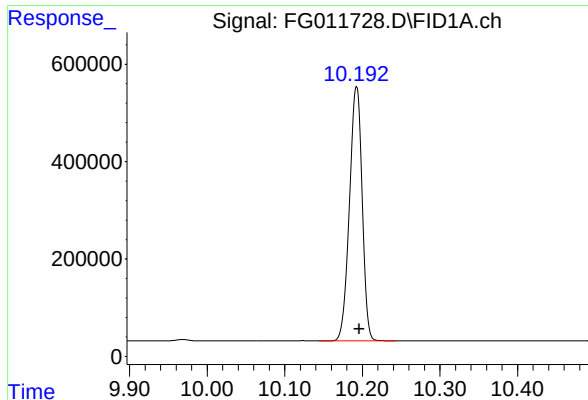
#3 N-DODECANE

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 5973277
Conc: 48.95 ug/ml



#4 N-TETRADECANE

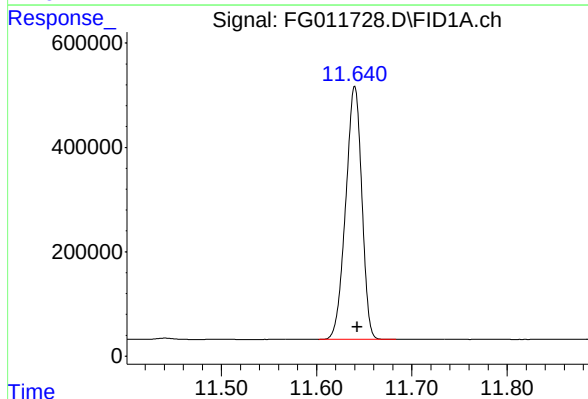
R.T.: 8.579 min
Delta R.T.: -0.005 min
Response: 5882884
Conc: 48.34 ug/ml



#5 N-HEXADECANE

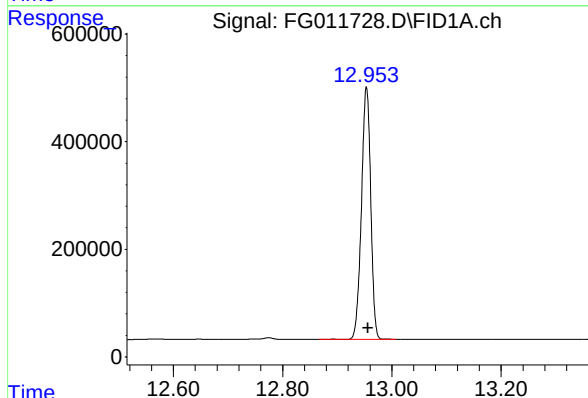
R.T.: 10.193 min
Delta R.T.: -0.004 min
Response: 5858528
Conc: 47.51 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



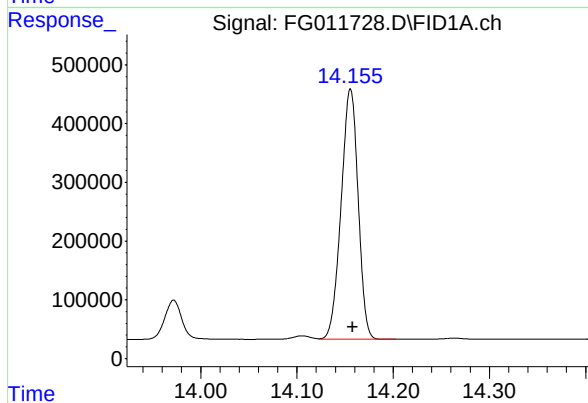
#6 N-OCTADECANE

R.T.: 11.640 min
Delta R.T.: -0.002 min
Response: 5703782
Conc: 46.70 ug/ml



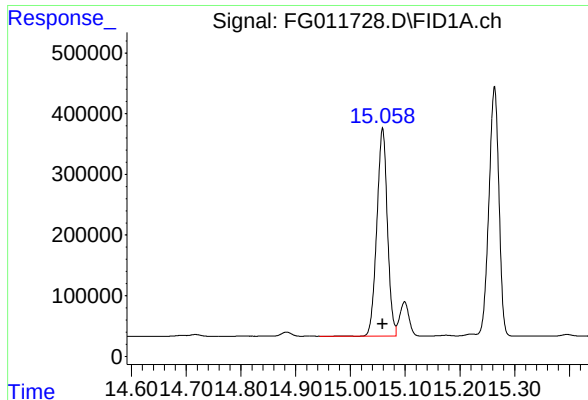
#7 N-EICOSANE

R.T.: 12.954 min
Delta R.T.: -0.003 min
Response: 5533610
Conc: 46.05 ug/ml



#8 N-DOCOSANE

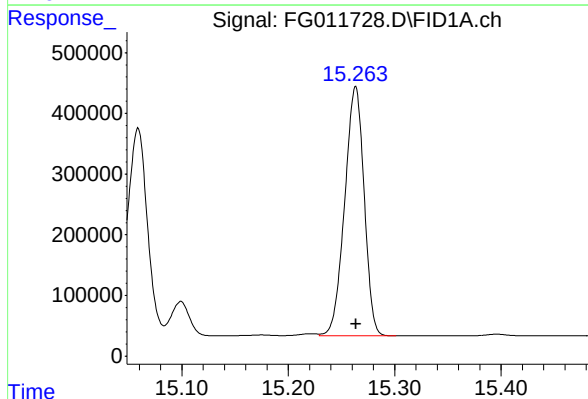
R.T.: 14.156 min
Delta R.T.: -0.002 min
Response: 5255437
Conc: 45.81 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

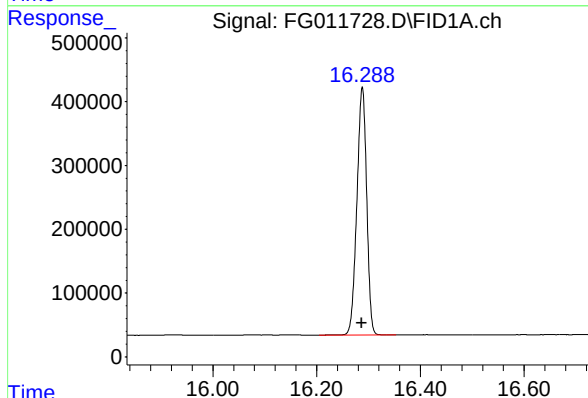
R.T.: 15.059 min
Delta R.T.: 0.000 min
Response: 4590440
Conc: 45.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



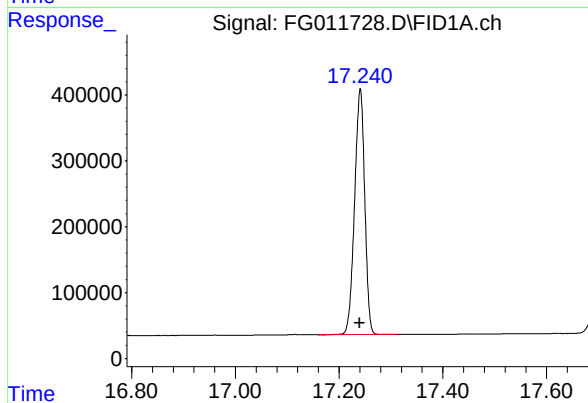
#10 N-TETRACOSANE

R.T.: 15.263 min
Delta R.T.: 0.000 min
Response: 5216385
Conc: 46.18 ug/ml



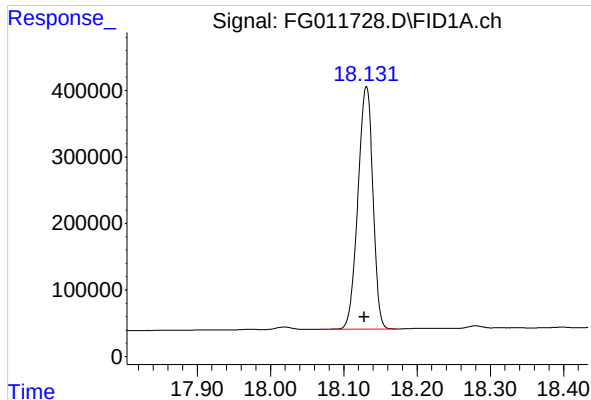
#11 N-HEXACOSANE

R.T.: 16.288 min
Delta R.T.: 0.002 min
Response: 5086452
Conc: 47.10 ug/ml



#12 N-OCTACOSANE

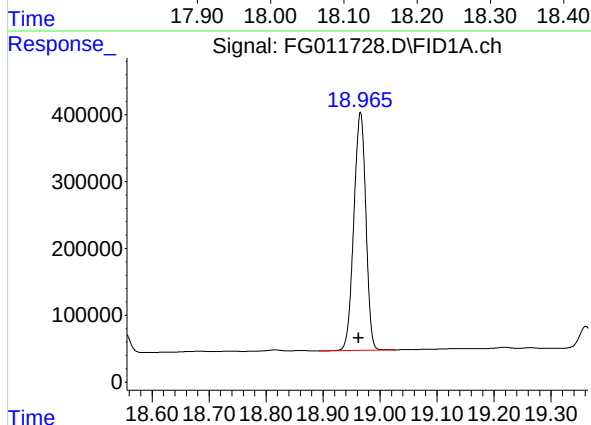
R.T.: 17.241 min
Delta R.T.: 0.001 min
Response: 5074656
Conc: 48.94 ug/ml



#13 N-TRIACONTANE

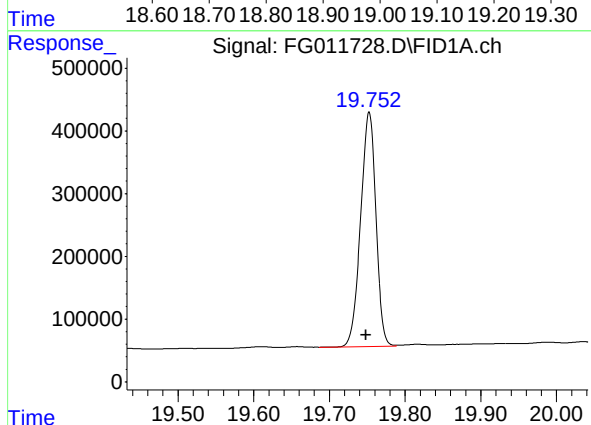
R.T.: 18.131 min
Delta R.T.: 0.003 min
Response: 5179398
Conc: 52.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



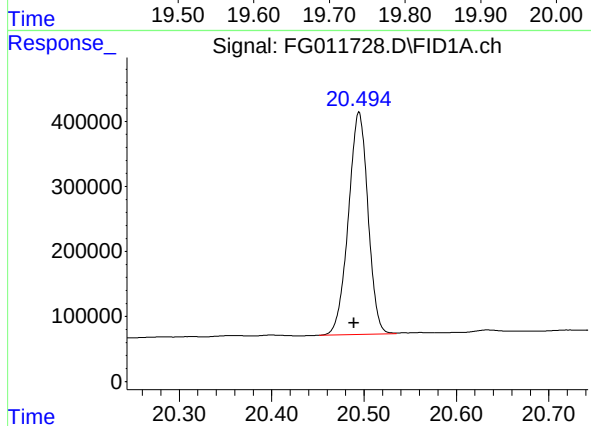
#14 N-DOTRIACONTANE

R.T.: 18.966 min
Delta R.T.: 0.003 min
Response: 5227218
Conc: 56.36 ug/ml



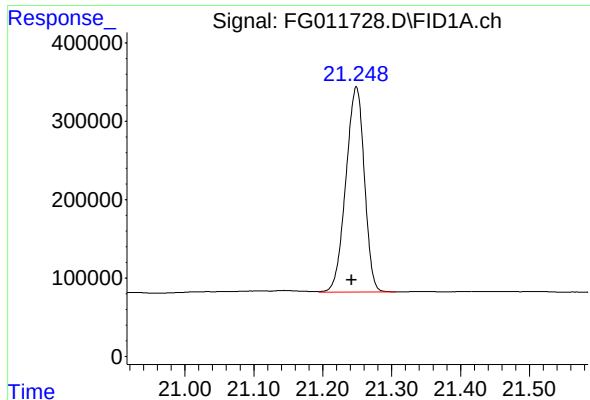
#15 N-TETRATRIACONTANE

R.T.: 19.753 min
Delta R.T.: 0.004 min
Response: 5231777
Conc: 62.06 ug/ml



#16 N-HEXATRIACONTANE

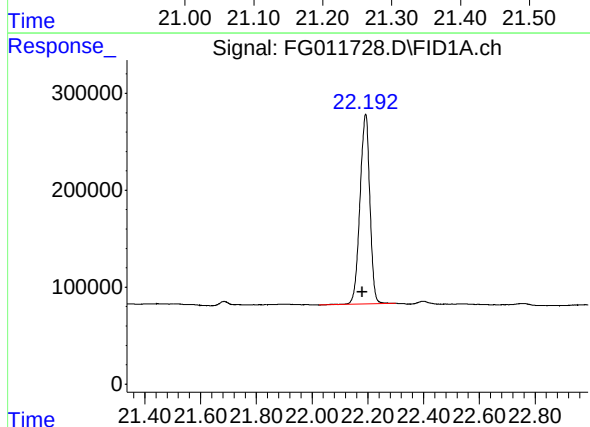
R.T.: 20.495 min
Delta R.T.: 0.005 min
Response: 5042284
Conc: 65.50 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.249 min
Delta R.T.: 0.007 min
Response: 4889459
Conc: 64.94 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.192 min
Delta R.T.: 0.012 min
Response: 4832181
Conc: 65.84 ug/ml