

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015651.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 11:13
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 09 00:27:51 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...	15.022	5775496	50.413 ug/ml
Target Compounds			
1) N-OCTANE	1.983	5504816	47.361 ug/ml
2) N-DECANE	4.516	5950006	50.366 ug/ml
3) N-DODECANE	6.699	6242847	51.413 ug/ml
4) N-TETRADECANE	8.536	6304079	49.992 ug/ml
5) N-HEXADECANE	10.152	6436147	49.987 ug/ml
6) N-OCTADECANE	11.601	6602521	50.117 ug/ml
7) N-EICOSANE	12.916	6520898	48.699 ug/ml
8) N-DOCOSANE	14.119	6371134	49.029 ug/ml
10) N-TETRACOSANE	15.226	6336847	48.923 ug/ml
11) N-HEXACOSANE	16.251	6188174	48.621 ug/ml
12) N-OCTACOSANE	17.205	6083634	48.668 ug/ml
13) N-TRIACONTANE	18.095	6072325	48.511 ug/ml
14) N-DOTRIACONTANE	18.929	5752607	48.473 ug/ml
15) N-TETRATRIACONTANE	19.714	4938049	47.310 ug/ml
16) N-HEXATRIACONTANE	20.454	3962175	45.207 ug/ml
17) N-OCTATRIACONTANE	21.200	3394643	45.486 ug/ml
18) N-TETRACONTANE	22.127	3212265	48.496 ug/ml

(f)=RT Delta > 1/2 Window

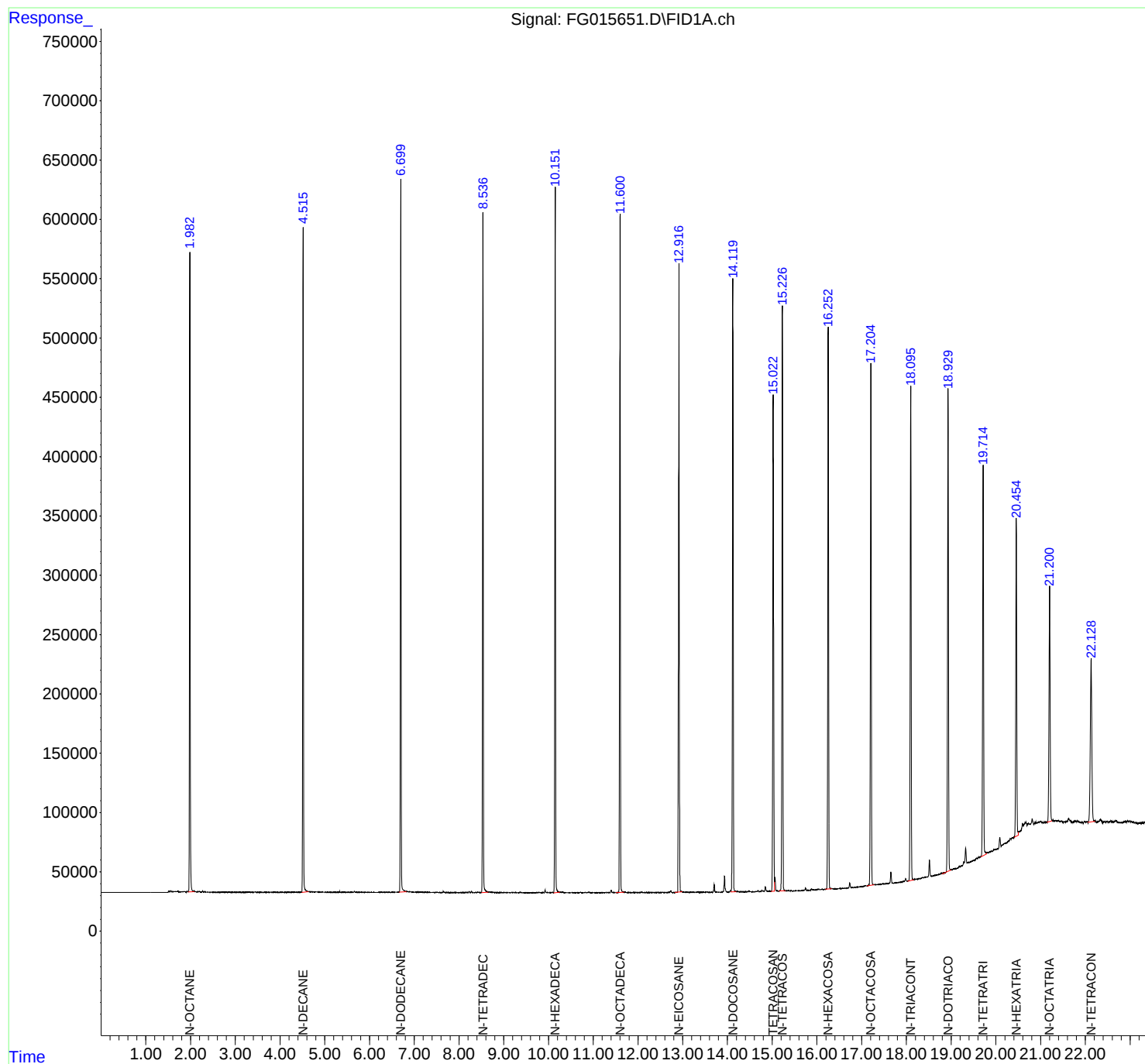
(m)=manual int.

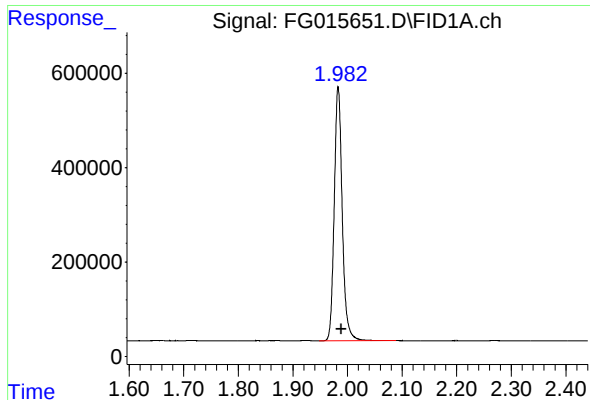
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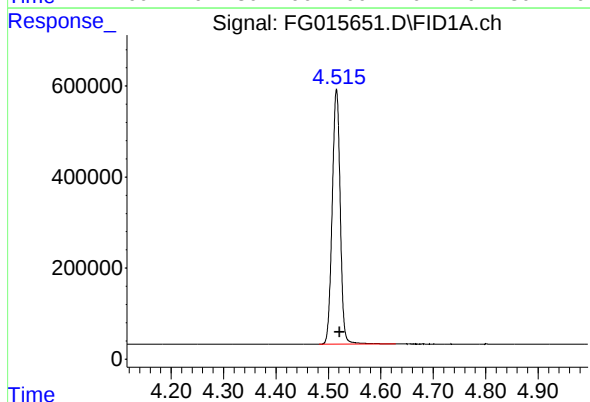




#1 N-OCTANE

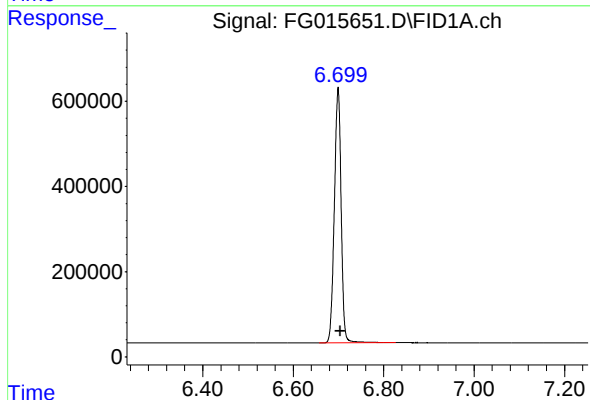
R.T.: 1.983 min
Delta R.T.: -0.006 min
Response: 5504816
Conc: 47.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



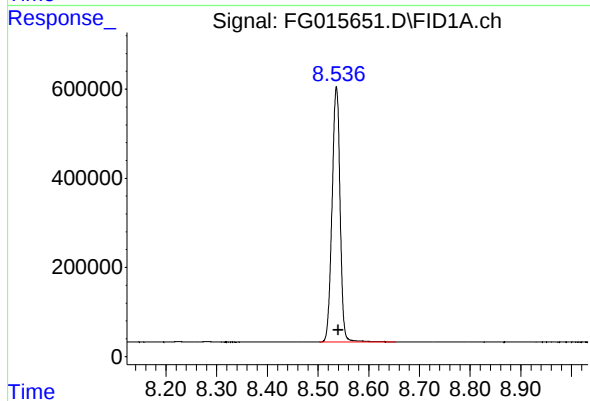
#2 N-DECANE

R.T.: 4.516 min
Delta R.T.: -0.006 min
Response: 5950006
Conc: 50.37 ug/ml



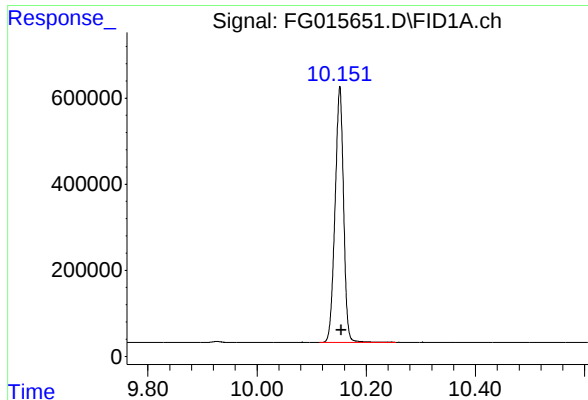
#3 N-DODECANE

R.T.: 6.699 min
Delta R.T.: -0.005 min
Response: 6242847
Conc: 51.41 ug/ml



#4 N-TETRADECANE

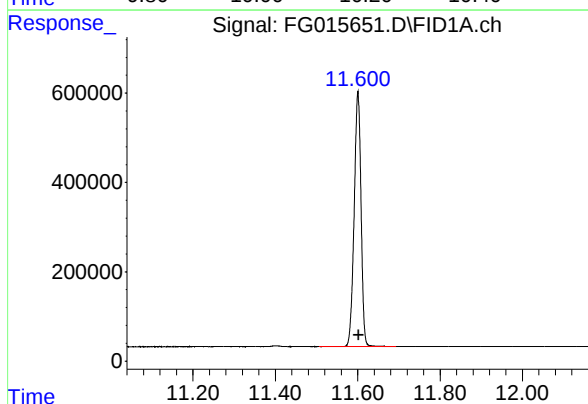
R.T.: 8.536 min
Delta R.T.: -0.004 min
Response: 6304079
Conc: 49.99 ug/ml



#5 N-HEXADECANE

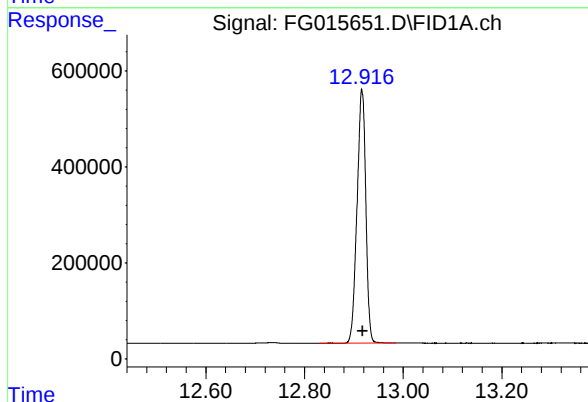
R.T.: 10.152 min
Delta R.T.: -0.003 min
Response: 6436147
Conc: 49.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



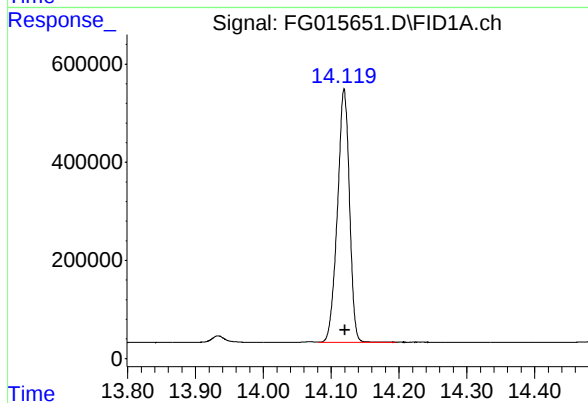
#6 N-OCTADECANE

R.T.: 11.601 min
Delta R.T.: -0.002 min
Response: 6602521
Conc: 50.12 ug/ml



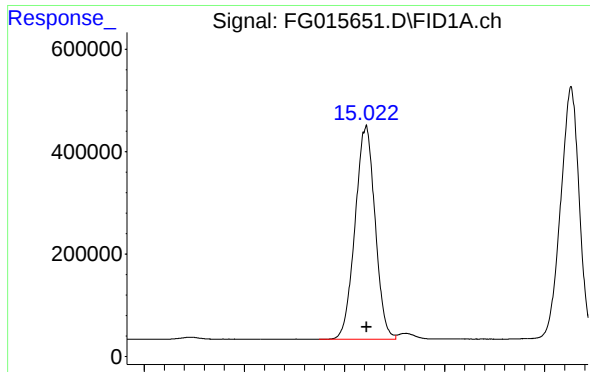
#7 N-EICOSANE

R.T.: 12.916 min
Delta R.T.: -0.001 min
Response: 6520898
Conc: 48.70 ug/ml



#8 N-DOCOSANE

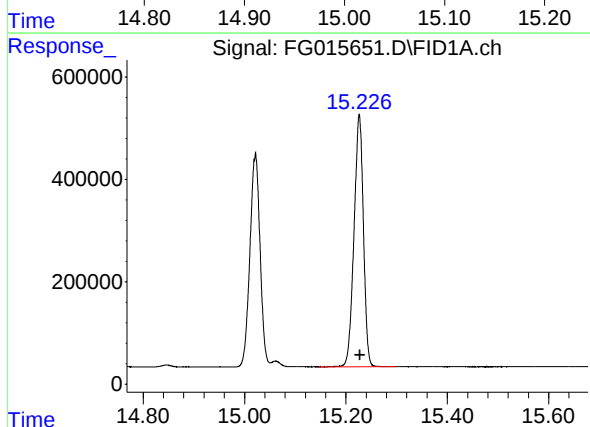
R.T.: 14.119 min
Delta R.T.: -0.001 min
Response: 6371134
Conc: 49.03 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

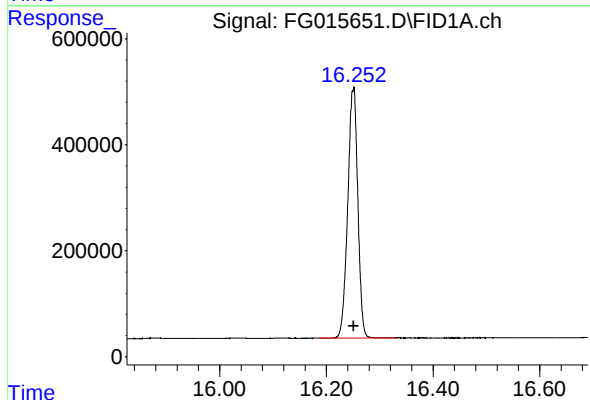
R.T.: 15.022 min
Delta R.T.: 0.000 min
Response: 5775496
Conc: 50.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



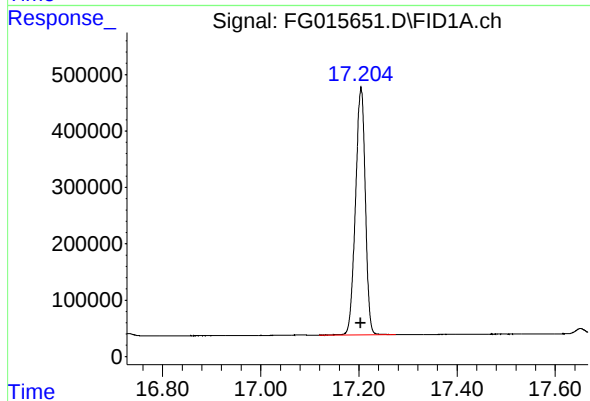
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: -0.001 min
Response: 6336847
Conc: 48.92 ug/ml



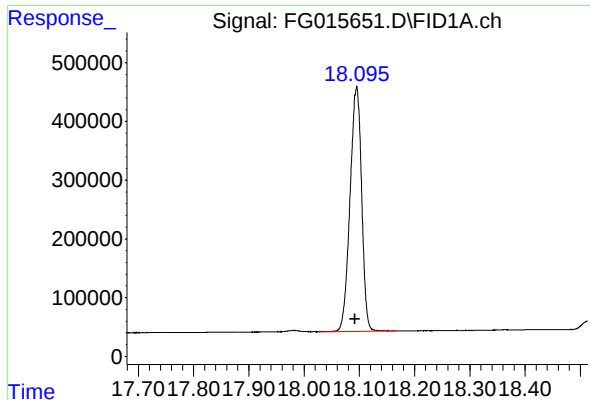
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 6188174
Conc: 48.62 ug/ml



#12 N-OCTACOSANE

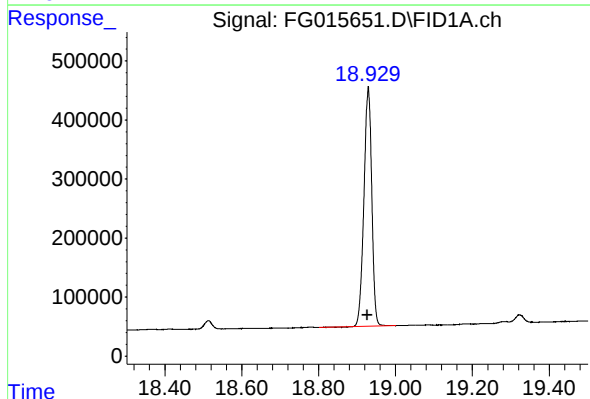
R.T.: 17.205 min
Delta R.T.: 0.001 min
Response: 6083634
Conc: 48.67 ug/ml



#13 N-TRIACONTANE

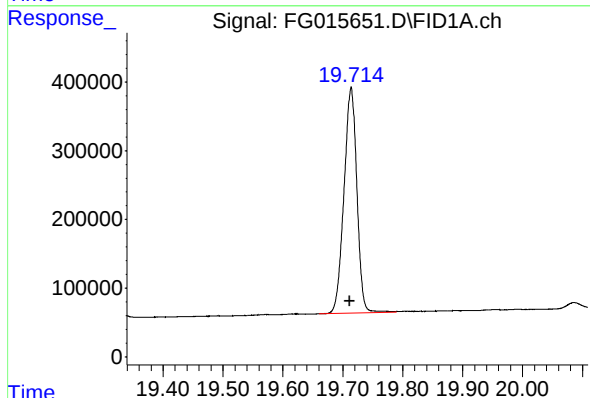
R.T.: 18.095 min
Delta R.T.: 0.003 min
Response: 6072325
Conc: 48.51 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



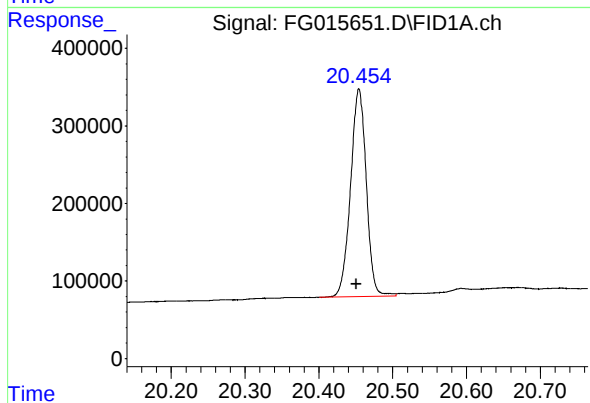
#14 N-DOTRIACONTANE

R.T.: 18.929 min
Delta R.T.: 0.003 min
Response: 5752607
Conc: 48.47 ug/ml



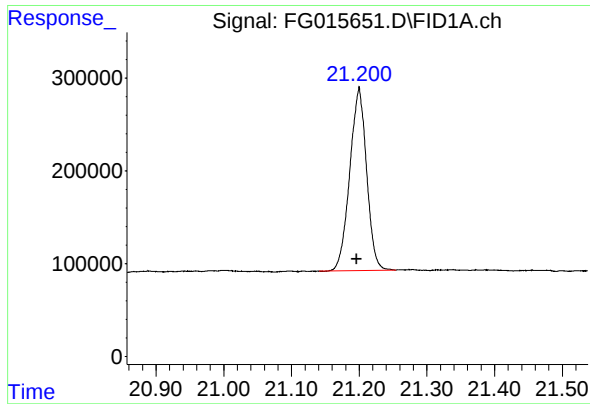
#15 N-TETRATRIACONTANE

R.T.: 19.714 min
Delta R.T.: 0.003 min
Response: 4938049
Conc: 47.31 ug/ml



#16 N-HEXATRIACONTANE

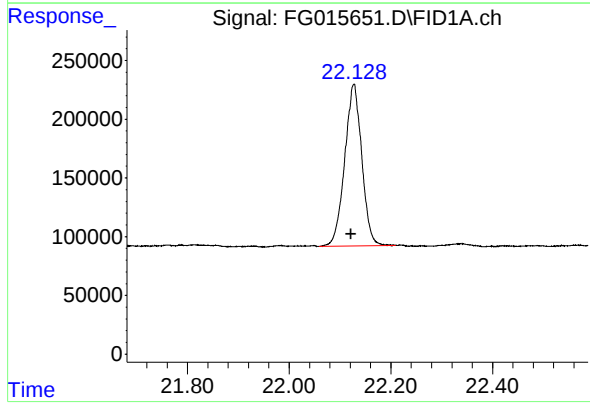
R.T.: 20.454 min
Delta R.T.: 0.004 min
Response: 3962175
Conc: 45.21 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.200 min
Delta R.T.: 0.004 min
Response: 3394643
Conc: 45.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.127 min
Delta R.T.: 0.005 min
Response: 3212265
Conc: 48.50 ug/ml