

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040425\
 Data File : FG015648.D
 Signal(s) : FID1A.ch
 Acq On : 04 Apr 2025 16:11
 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 04 23:00:50 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...	15.021	6112250	53.352 ug/ml
Target Compounds			
1) N-OCTANE	1.984	5803802	49.934 ug/ml
2) N-DECANE	4.518	6191341	52.409 ug/ml
3) N-DODECANE	6.701	6472863	53.307 ug/ml
4) N-TETRADECANE	8.538	6547153	51.919 ug/ml
5) N-HEXADECANE	10.153	6698824	52.027 ug/ml
6) N-OCTADECANE	11.601	6914433	52.485 ug/ml
7) N-EICOSANE	12.916	6884558	51.415 ug/ml
8) N-DOCOSANE	14.119	6749755	51.943 ug/ml
10) N-TETRACOSANE	15.226	6705698	51.771 ug/ml
11) N-HEXACOSANE	16.251	6543135	51.409 ug/ml
12) N-OCTACOSANE	17.202	6389491	51.115 ug/ml
13) N-TRIACONTANE	18.093	6457251	51.586 ug/ml
14) N-DOTRIACONTANE	18.928	5975528	50.351 ug/ml
15) N-TETRATRIACONTANE	19.712	5194560	49.768 ug/ml
16) N-HEXATRIACONTANE	20.452	4138151	47.215 ug/ml
17) N-OCTATRIACONTANE	21.197	3672086	49.204 ug/ml
18) N-TETRACONTANE	22.125	3421868	51.660 ug/ml

(f)=RT Delta > 1/2 Window

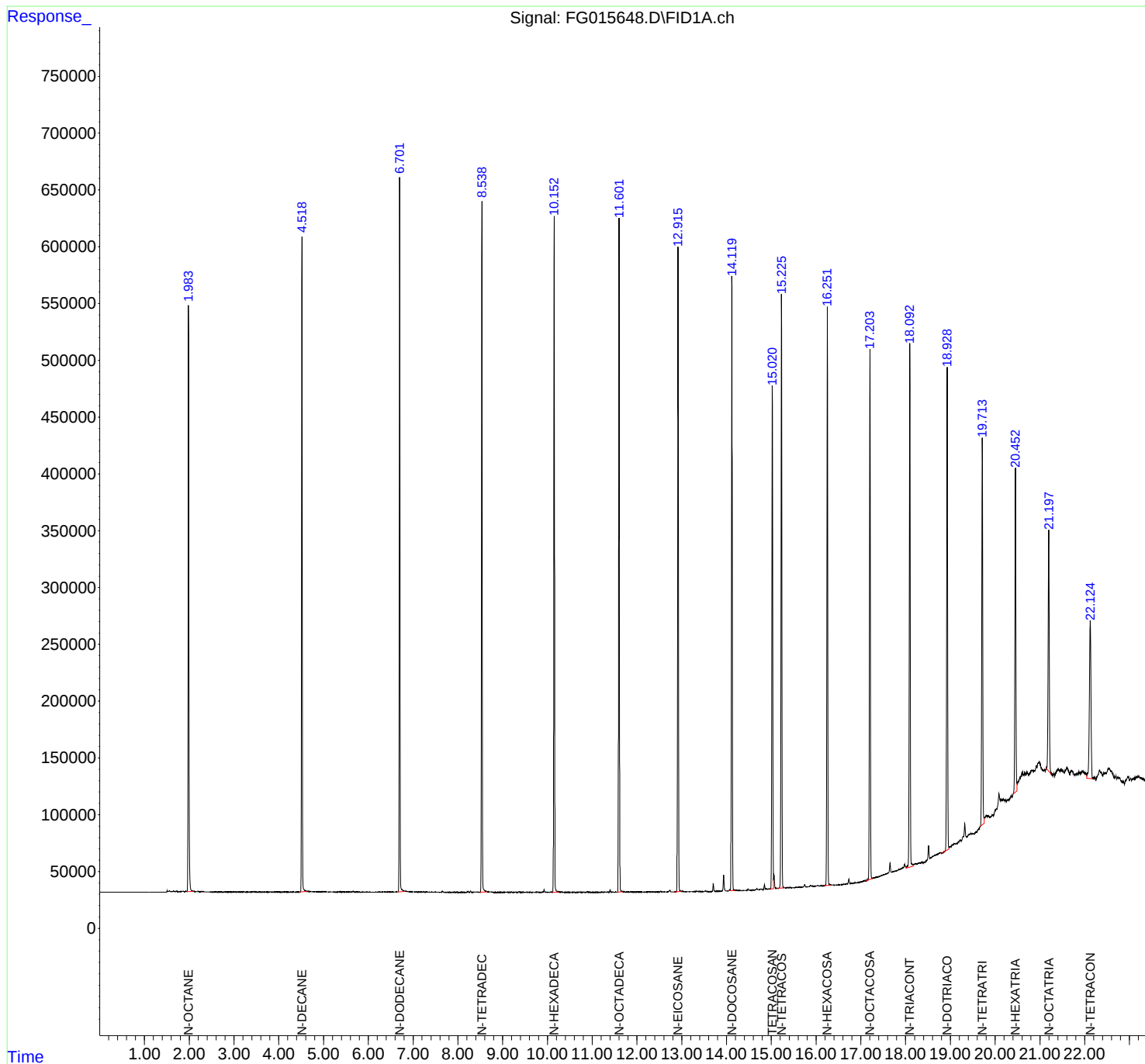
(m)=manual int.

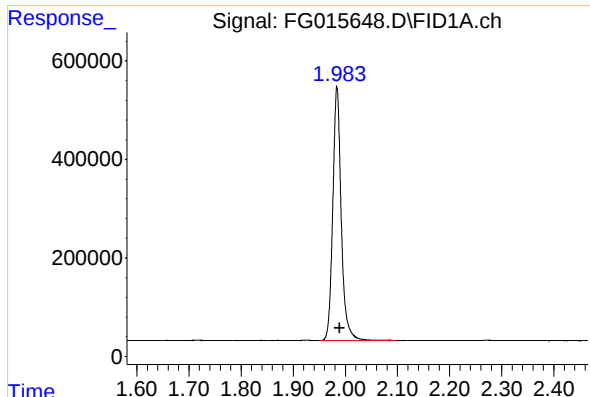
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Signal Info : 20mx0.18mmx0.18um

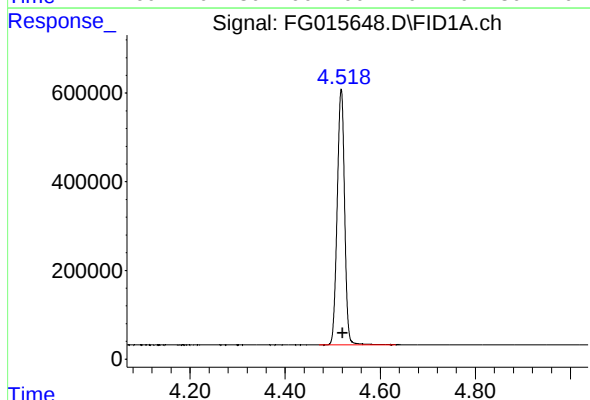




#1 N-OCTANE

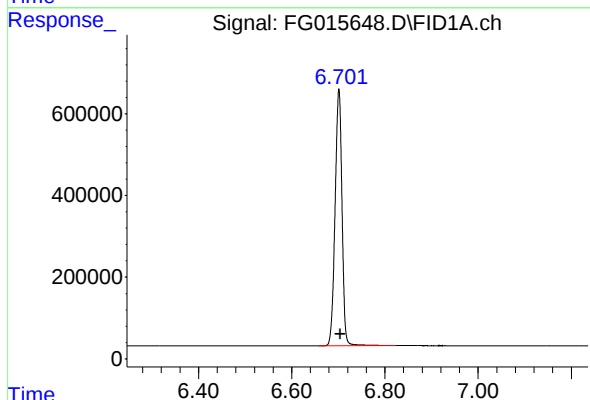
R.T.: 1.984 min
Delta R.T.: -0.005 min
Response: 5803802
Conc: 49.93 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



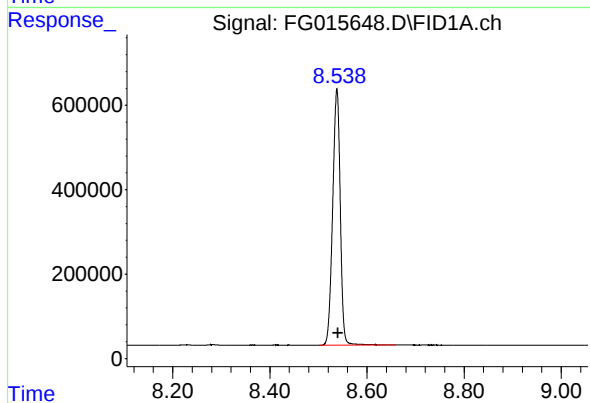
#2 N-DECANE

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 6191341
Conc: 52.41 ug/ml



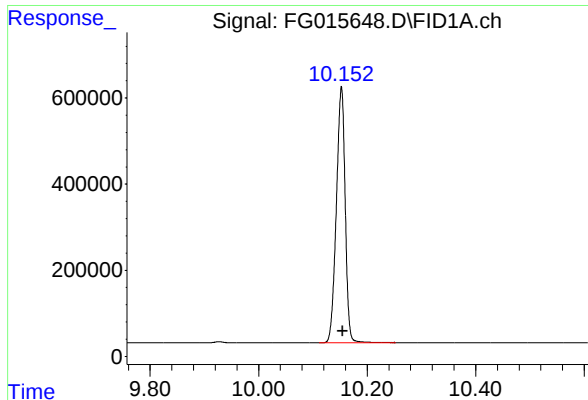
#3 N-DODECANE

R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 6472863
Conc: 53.31 ug/ml



#4 N-TETRADECANE

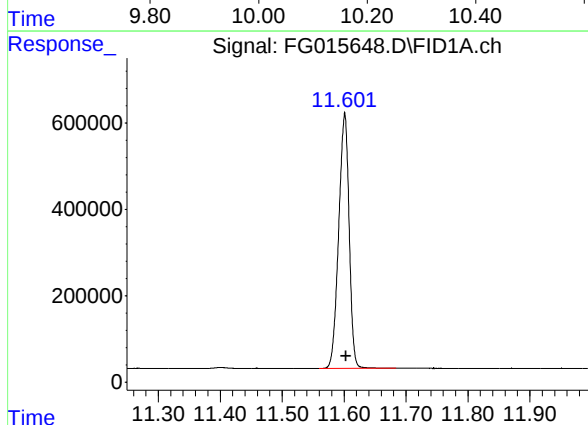
R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 6547153
Conc: 51.92 ug/ml



#5 N-HEXADECANE

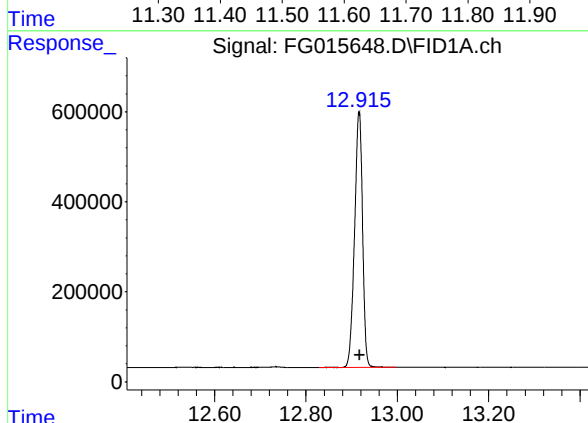
R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 6698824
Conc: 52.03 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



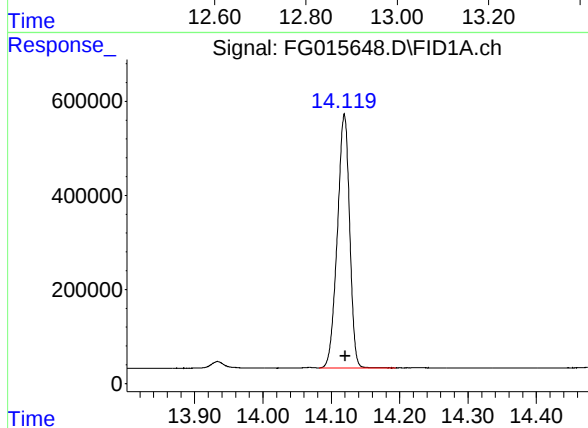
#6 N-OCTADECANE

R.T.: 11.601 min
Delta R.T.: -0.002 min
Response: 6914433
Conc: 52.48 ug/ml



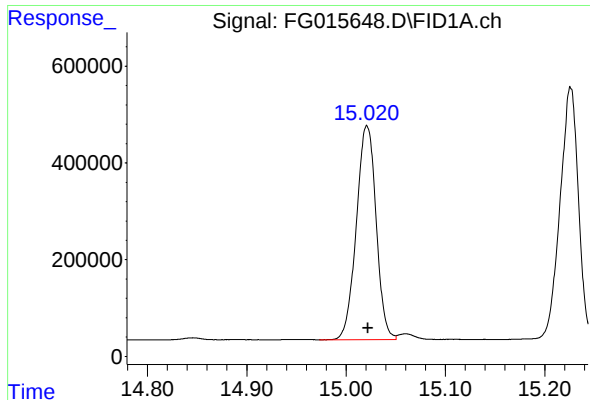
#7 N-EICOSANE

R.T.: 12.916 min
Delta R.T.: -0.001 min
Response: 6884558
Conc: 51.42 ug/ml



#8 N-DOCOSANE

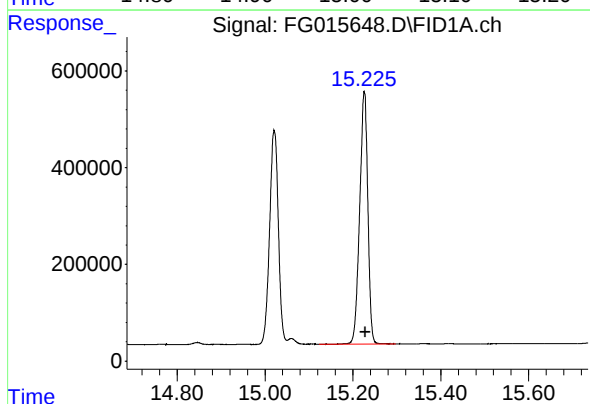
R.T.: 14.119 min
Delta R.T.: -0.001 min
Response: 6749755
Conc: 51.94 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

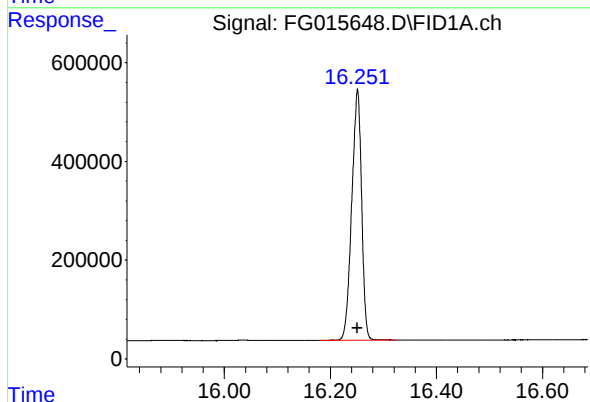
R.T.: 15.021 min
Delta R.T.: -0.001 min
Response: 6112250
Conc: 53.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



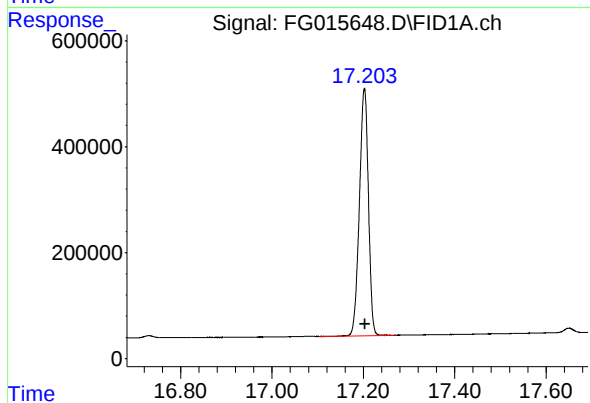
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: -0.002 min
Response: 6705698
Conc: 51.77 ug/ml



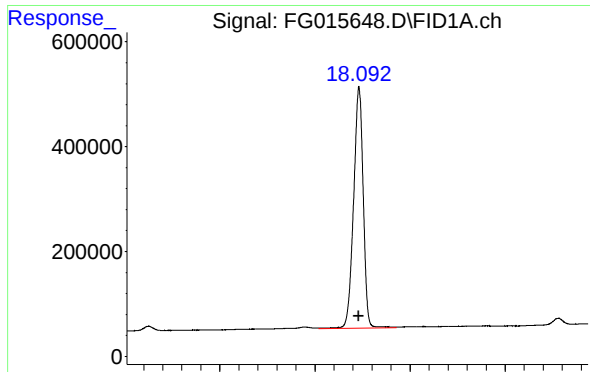
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 6543135
Conc: 51.41 ug/ml



#12 N-OCTACOSANE

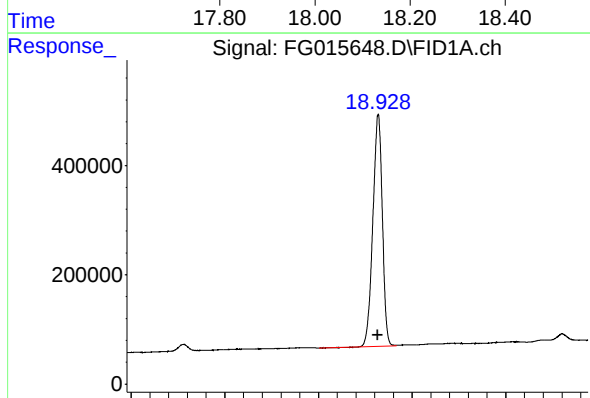
R.T.: 17.202 min
Delta R.T.: -0.001 min
Response: 6389491
Conc: 51.11 ug/ml



#13 N-TRIACONTANE

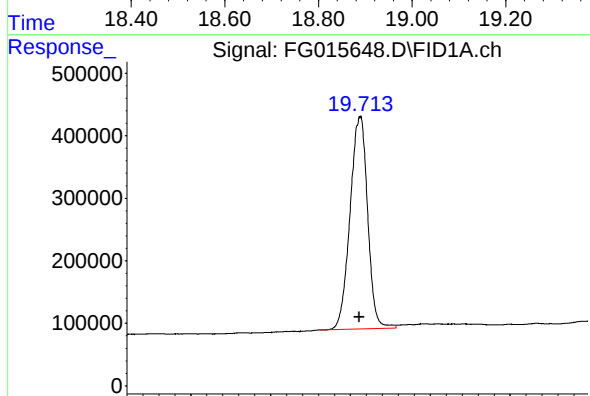
R.T.: 18.093 min
Delta R.T.: 0.000 min
Response: 6457251
Conc: 51.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



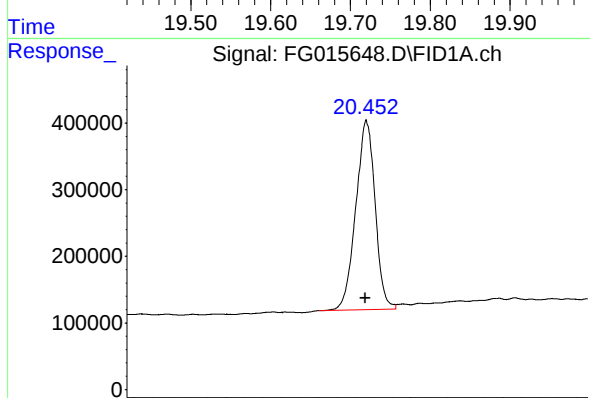
#14 N-DOTRIACONTANE

R.T.: 18.928 min
Delta R.T.: 0.000 min
Response: 5975528
Conc: 50.35 ug/ml



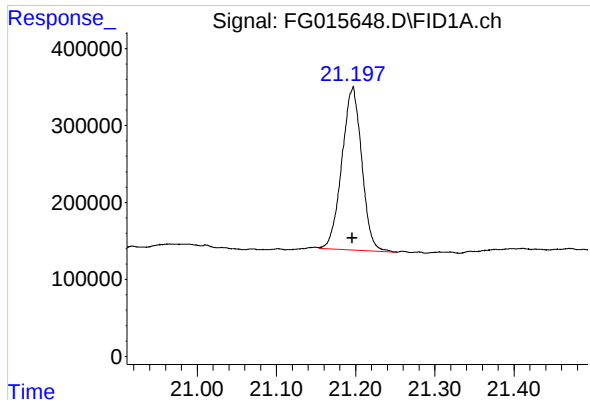
#15 N-TETRATRIACONTANE

R.T.: 19.712 min
Delta R.T.: 0.000 min
Response: 5194560
Conc: 49.77 ug/ml



#16 N-HEXATRIACONTANE

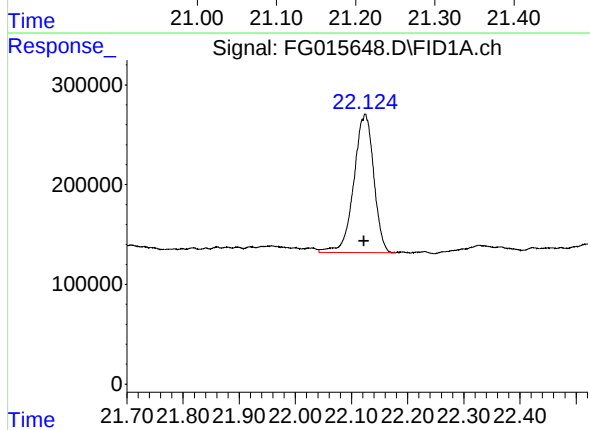
R.T.: 20.452 min
Delta R.T.: 0.001 min
Response: 4138151
Conc: 47.21 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.197 min
Delta R.T.: 0.000 min
Response: 3672086
Conc: 49.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.125 min
Delta R.T.: 0.002 min
Response: 3421868
Conc: 51.66 ug/ml