

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016028.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 00:26
 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: Jun 11 05:57:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.974	5963313	48.656 ug/ml
Target Compounds			
1) N-OCTANE	1.950	6219616	52.896 ug/ml
2) N-DECANE	4.475	6492211	55.253 ug/ml
3) N-DODECANE	6.658	6719864	55.366 ug/ml
4) N-TETRADECANE	8.495	6865764	53.769 ug/ml
5) N-HEXADECANE	10.109	6946311	52.138 ug/ml
6) N-OCTADECANE	11.557	7082961	51.324 ug/ml
7) N-EICOSANE	12.871	7118747	50.389 ug/ml
8) N-DOCOSANE	14.073	6839942	49.794 ug/ml
10) N-TETRACOSANE	15.180	6736347	49.002 ug/ml
11) N-HEXACOSANE	16.203	6605469	48.617 ug/ml
12) N-OCTACOSANE	17.156	6477626	48.045 ug/ml
13) N-TRIACONTANE	18.047	6531942	47.871 ug/ml
14) N-DOTRIACONTANE	18.880	6295842	47.007 ug/ml
15) N-TETRATRIACONTANE	19.664	5709615	47.084 ug/ml
16) N-HEXATRIACONTANE	20.403	4883828	45.735 ug/ml
17) N-OCTATRIACONTANE	21.138	4336975	45.192 ug/ml
18) N-TETRACONTANE	22.047	4063620	46.203 ug/ml

(f)=RT Delta > 1/2 Window

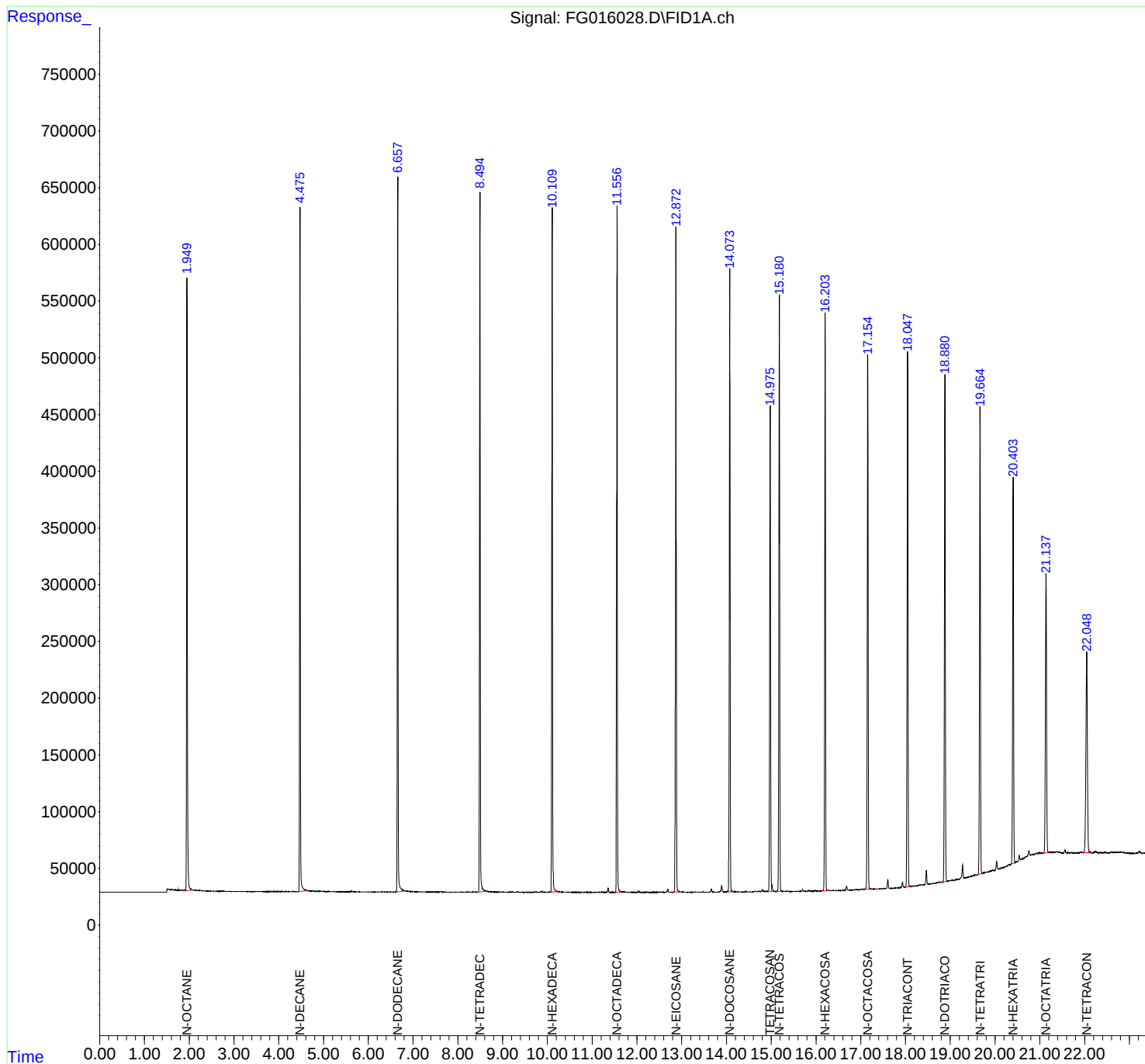
(m)=manual int.

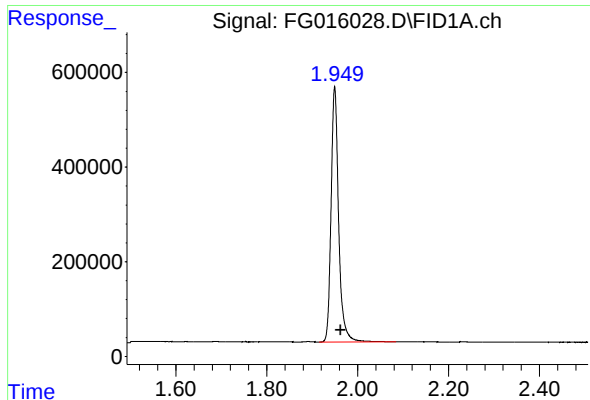
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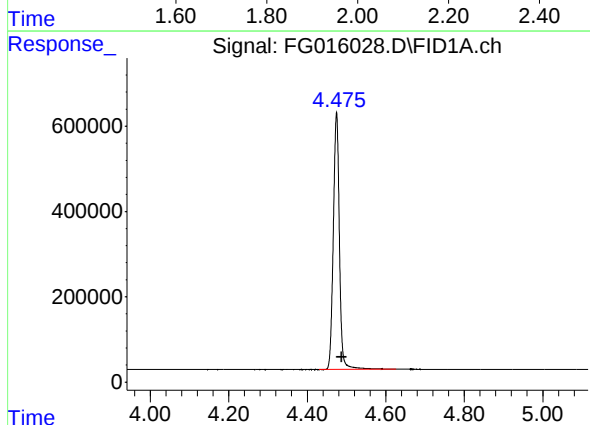




#1 N-OCTANE

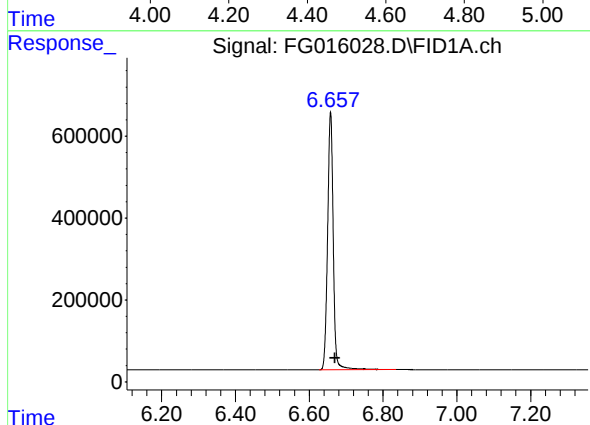
R.T.: 1.950 min
Delta R.T.: -0.012 min
Response: 6219616
Conc: 52.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



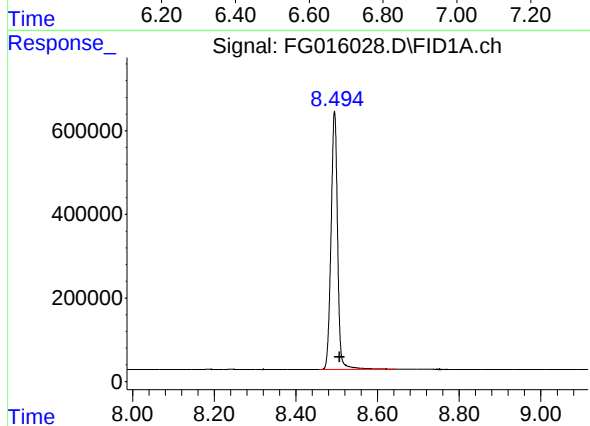
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.013 min
Response: 6492211
Conc: 55.25 ug/ml



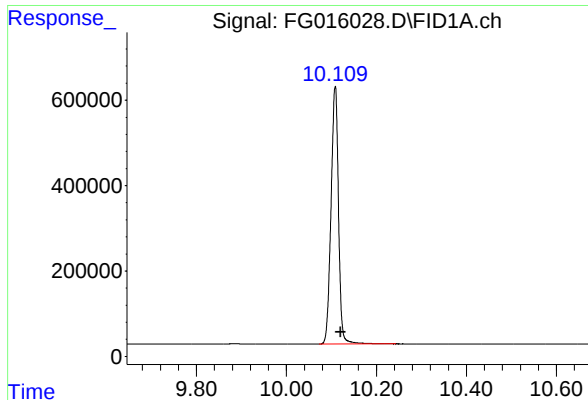
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.012 min
Response: 6719864
Conc: 55.37 ug/ml



#4 N-TETRADECANE

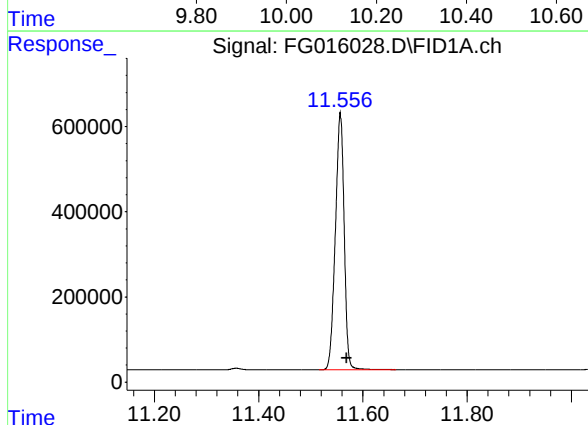
R.T.: 8.495 min
Delta R.T.: -0.012 min
Response: 6865764
Conc: 53.77 ug/ml



#5 N-HEXADECANE

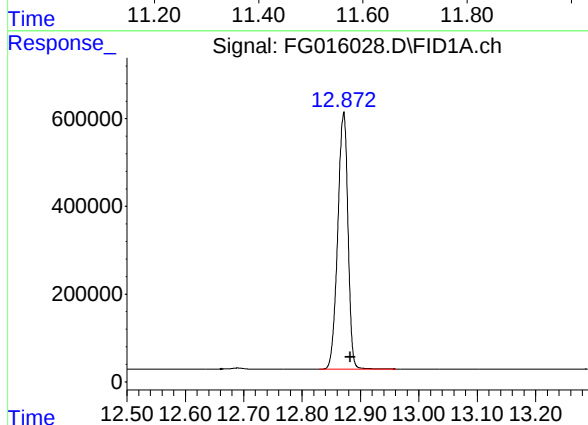
R.T.: 10.109 min
Delta R.T.: -0.012 min
Response: 6946311
Conc: 52.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



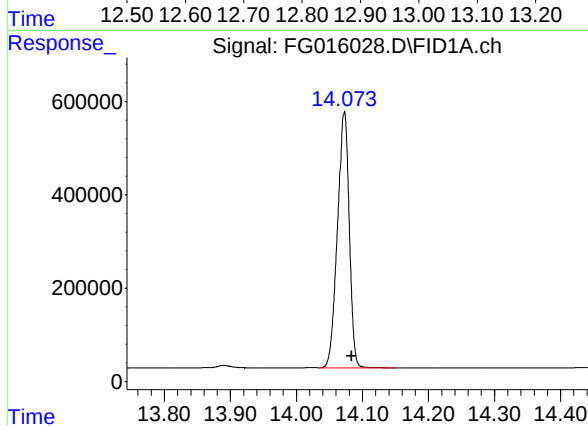
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: -0.012 min
Response: 7082961
Conc: 51.32 ug/ml



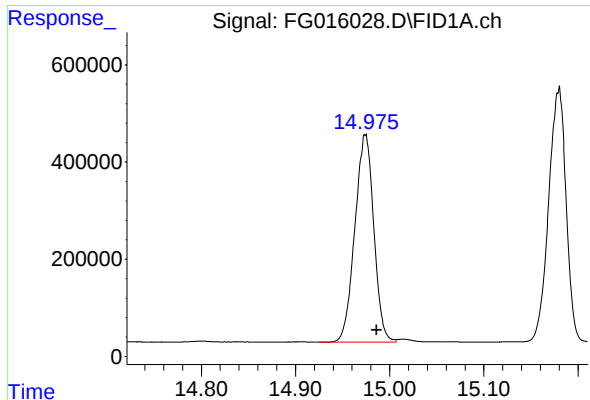
#7 N-EICOSANE

R.T.: 12.871 min
Delta R.T.: -0.011 min
Response: 7118747
Conc: 50.39 ug/ml



#8 N-DOCOSANE

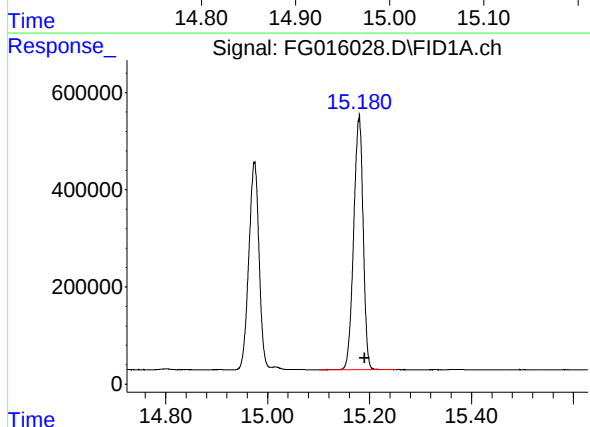
R.T.: 14.073 min
Delta R.T.: -0.011 min
Response: 6839942
Conc: 49.79 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

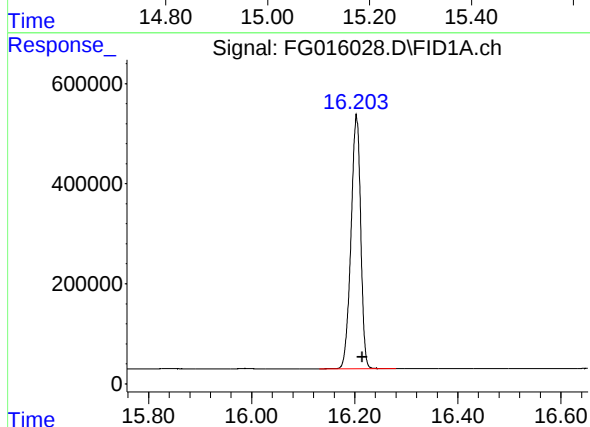
R.T.: 14.974 min
Delta R.T.: -0.012 min
Response: 5963313
Conc: 48.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



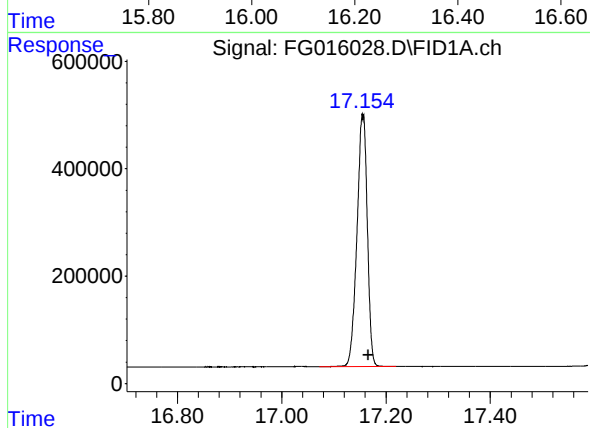
#10 N-TETRACOSANE

R.T.: 15.180 min
Delta R.T.: -0.011 min
Response: 6736347
Conc: 49.00 ug/ml



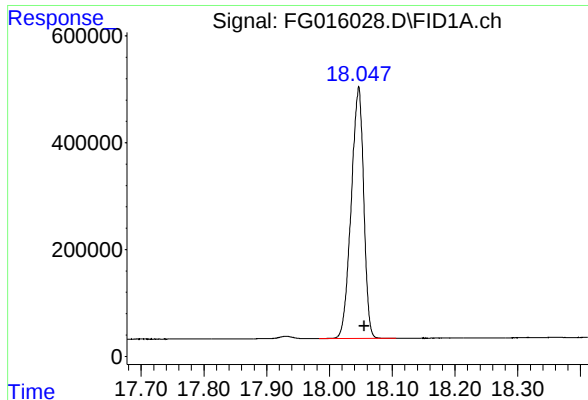
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: -0.011 min
Response: 6605469
Conc: 48.62 ug/ml



#12 N-OCTACOSANE

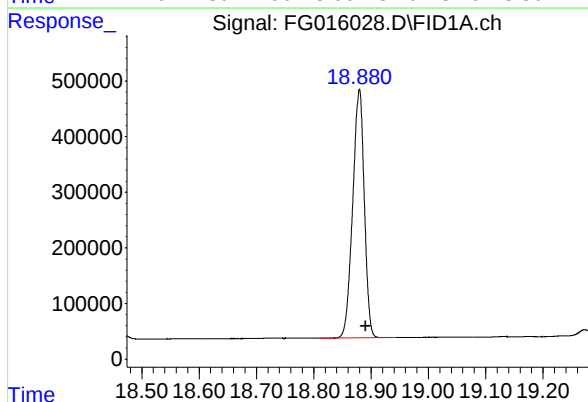
R.T.: 17.156 min
Delta R.T.: -0.011 min
Response: 6477626
Conc: 48.04 ug/ml



#13 N-TRIACONTANE

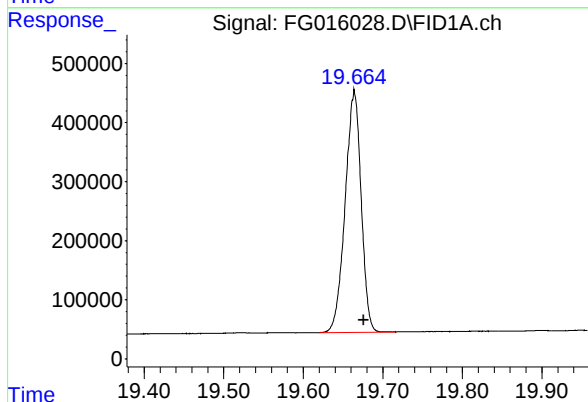
R.T.: 18.047 min
Delta R.T.: -0.009 min
Response: 6531942
Conc: 47.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



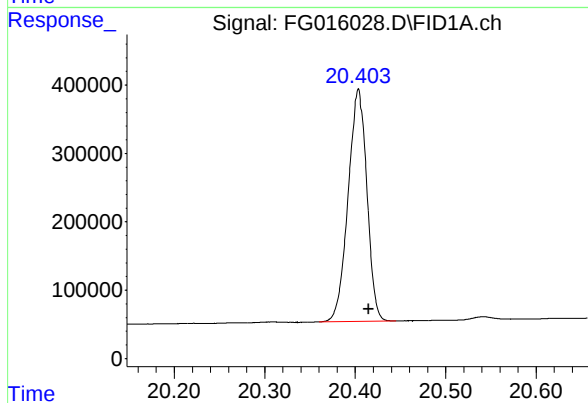
#14 N-DOTRIACONTANE

R.T.: 18.880 min
Delta R.T.: -0.010 min
Response: 6295842
Conc: 47.01 ug/ml



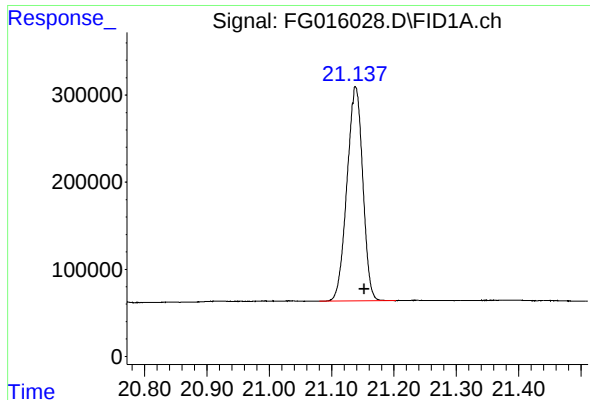
#15 N-TETRATRIACONTANE

R.T.: 19.664 min
Delta R.T.: -0.012 min
Response: 5709615
Conc: 47.08 ug/ml



#16 N-HEXATRIACONTANE

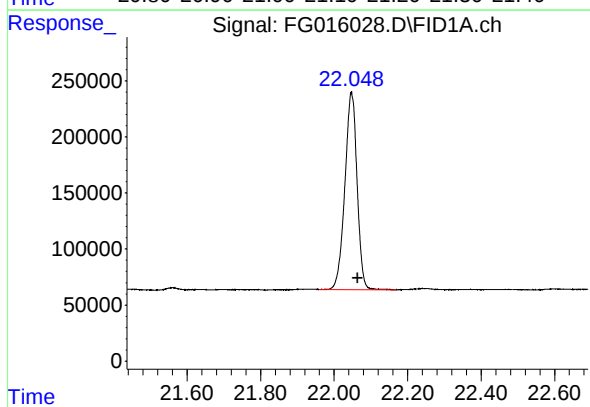
R.T.: 20.403 min
Delta R.T.: -0.012 min
Response: 4883828
Conc: 45.73 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.138 min
Delta R.T.: -0.014 min
Response: 4336975
Conc: 45.19 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.047 min
Delta R.T.: -0.017 min
Response: 4063620
Conc: 46.20 ug/ml