

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032525\
 Data File : FG015542.D
 Signal(s) : FID1A.ch
 Acq On : 25 Mar 2025 10:50
 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: Mar 26 01:37:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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	5805080	53.318 ug/ml
Target Compounds			
1) N-OCTANE	1.989	5597585	50.921 ug/ml
2) N-DECANE	4.521	5850003	52.573 ug/ml
3) N-DODECANE	6.705	6138169	52.816 ug/ml
4) N-TETRADECANE	8.541	6075071	52.722 ug/ml
5) N-HEXADECANE	10.155	6253915	52.691 ug/ml
6) N-OCTADECANE	11.603	6523632	52.675 ug/ml
7) N-EICOSANE	12.918	6446163	53.068 ug/ml
8) N-DOCOSANE	14.120	6413474	53.566 ug/ml
10) N-TETRACOSANE	15.227	6428405	53.833 ug/ml
11) N-HEXACOSANE	16.251	6306118	53.738 ug/ml
12) N-OCTACOSANE	17.202	6129693	52.955 ug/ml
13) N-TRIACONTANE	18.092	6162635	53.043 ug/ml
14) N-DOTRIACONTANE	18.926	5980425	51.836 ug/ml
15) N-TETRATRIACONTANE	19.710	5395726	50.242 ug/ml
16) N-HEXATRIACONTANE	20.451	4578343	47.757 ug/ml
17) N-OCTATRIACONTANE	21.195	4310953	48.304 ug/ml
18) N-TETRACONTANE	22.123	3974425	48.447 ug/ml

(f)=RT Delta > 1/2 Window

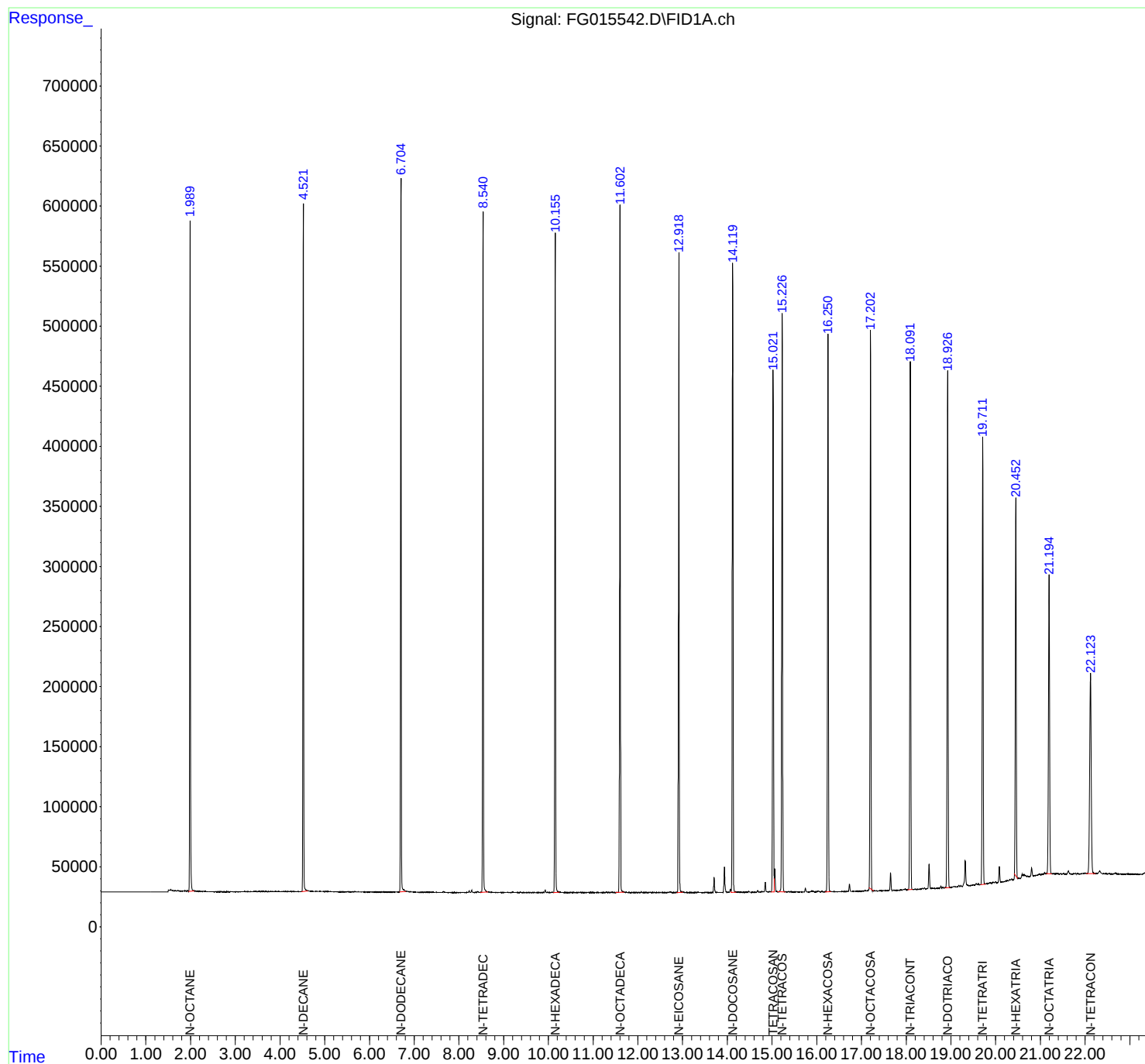
(m)=manual int.

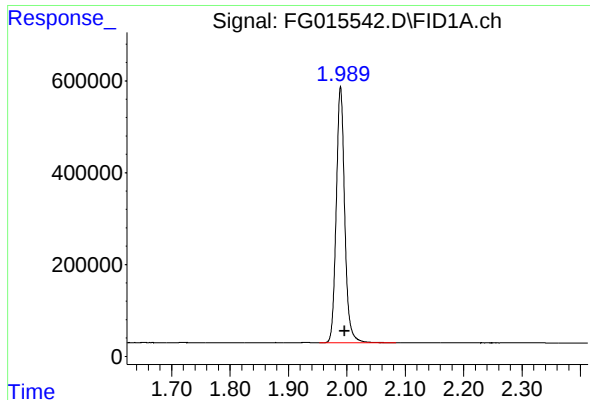
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

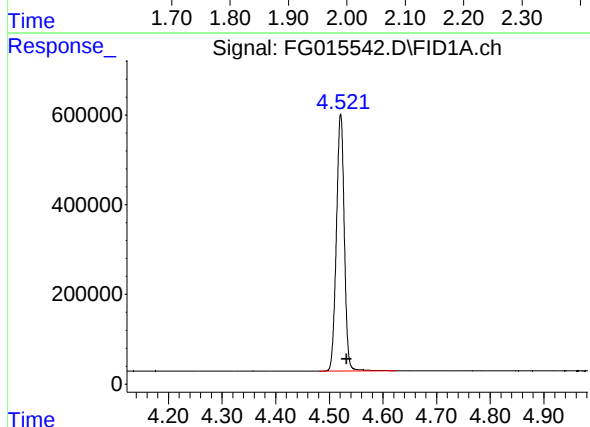




#1 N-OCTANE

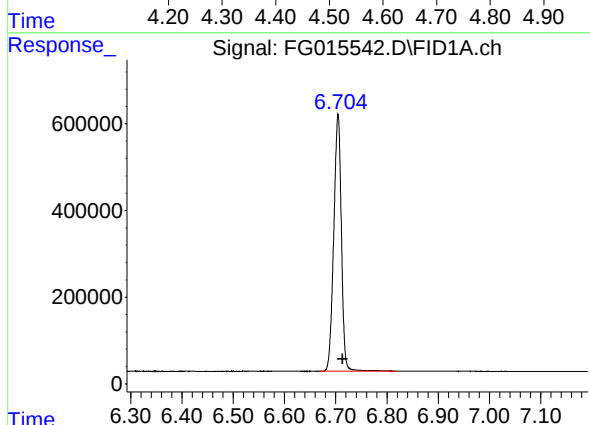
R.T.: 1.989 min
Delta R.T.: -0.007 min
Response: 5597585
Conc: 50.92 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



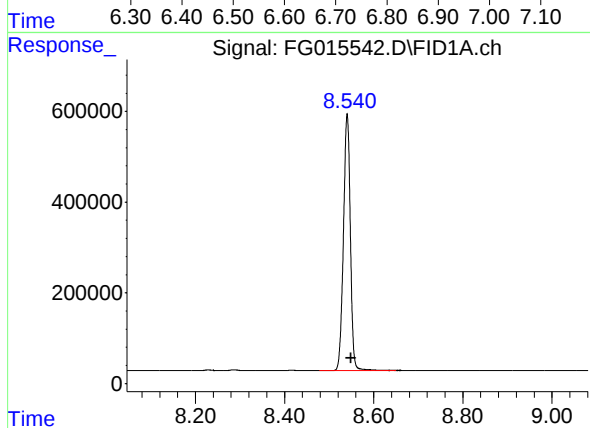
#2 N-DECANE

R.T.: 4.521 min
Delta R.T.: -0.011 min
Response: 5850003
Conc: 52.57 ug/ml



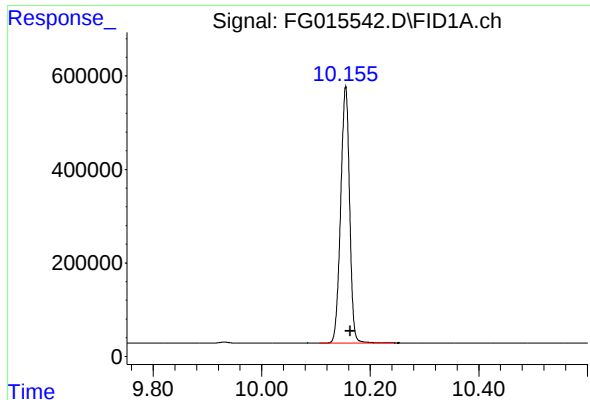
#3 N-DODECANE

R.T.: 6.705 min
Delta R.T.: -0.009 min
Response: 6138169
Conc: 52.82 ug/ml



#4 N-TETRADECANE

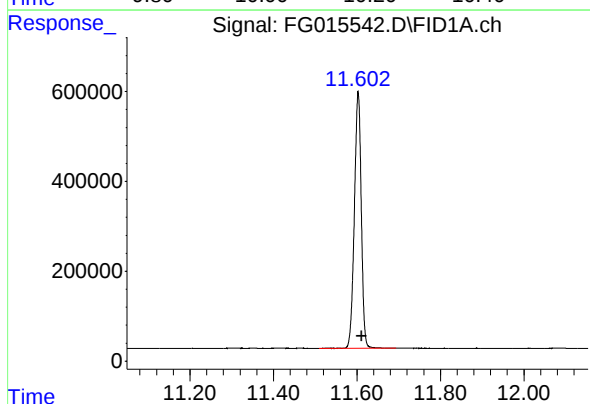
R.T.: 8.541 min
Delta R.T.: -0.009 min
Response: 6075071
Conc: 52.72 ug/ml



#5 N-HEXADECANE

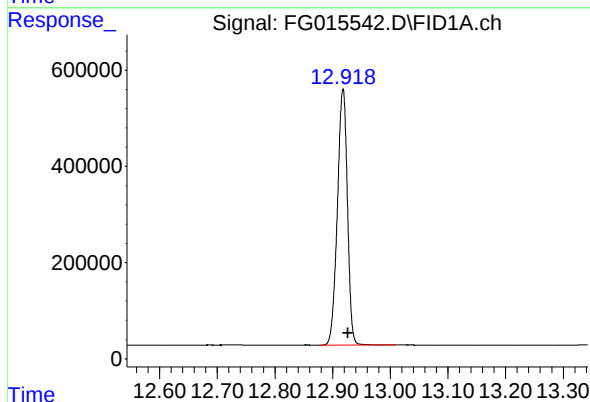
R.T.: 10.155 min
Delta R.T.: -0.009 min
Response: 6253915
Conc: 52.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



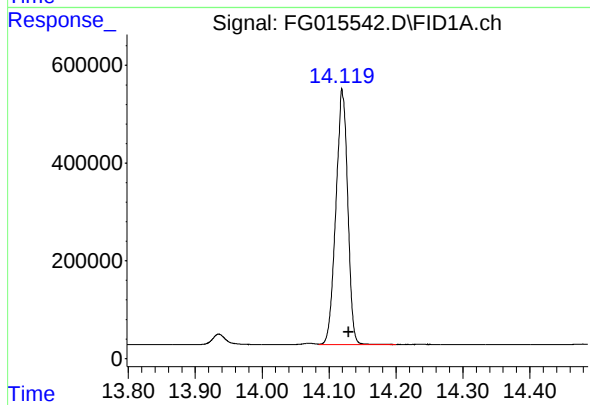
#6 N-OCTADECANE

R.T.: 11.603 min
Delta R.T.: -0.009 min
Response: 6523632
Conc: 52.68 ug/ml



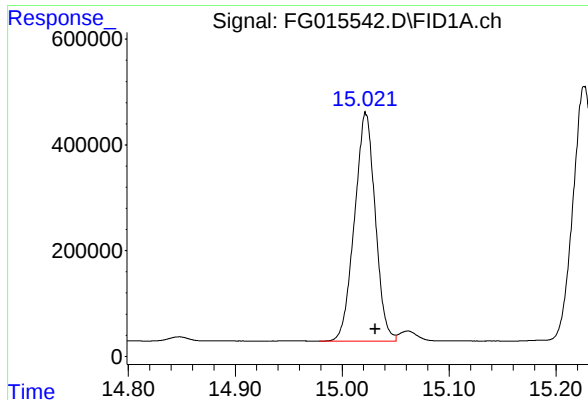
#7 N-EICOSANE

R.T.: 12.918 min
Delta R.T.: -0.008 min
Response: 6446163
Conc: 53.07 ug/ml



#8 N-DOCOSANE

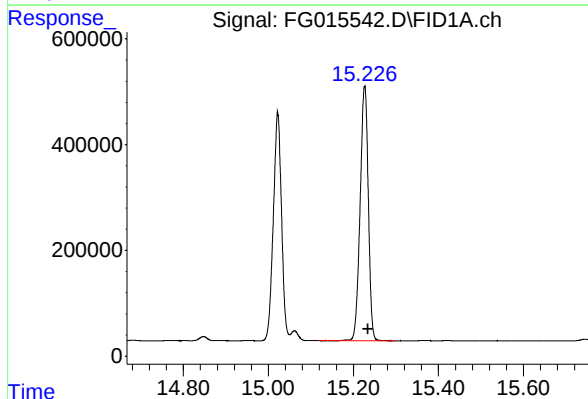
R.T.: 14.120 min
Delta R.T.: -0.009 min
Response: 6413474
Conc: 53.57 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

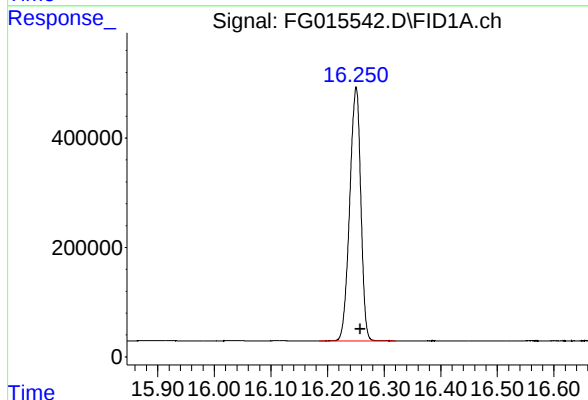
R.T.: 15.022 min
Delta R.T.: -0.009 min
Response: 5805080
Conc: 53.32 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



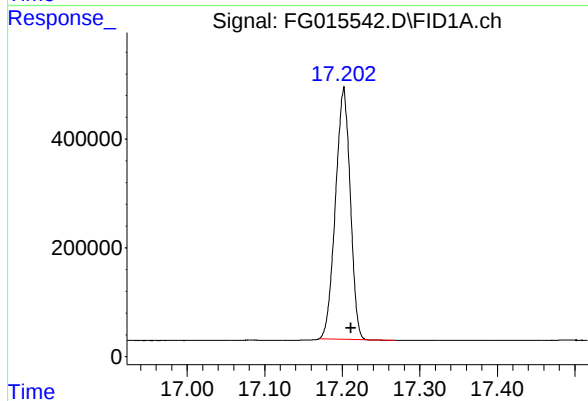
#10 N-TETRACOSANE

R.T.: 15.227 min
Delta R.T.: -0.008 min
Response: 6428405
Conc: 53.83 ug/ml



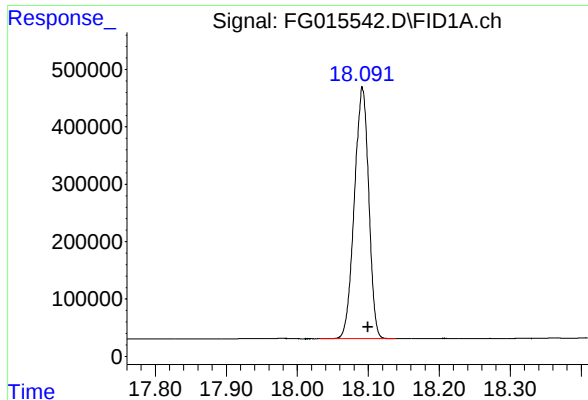
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: -0.007 min
Response: 6306118
Conc: 53.74 ug/ml



#12 N-OCTACOSANE

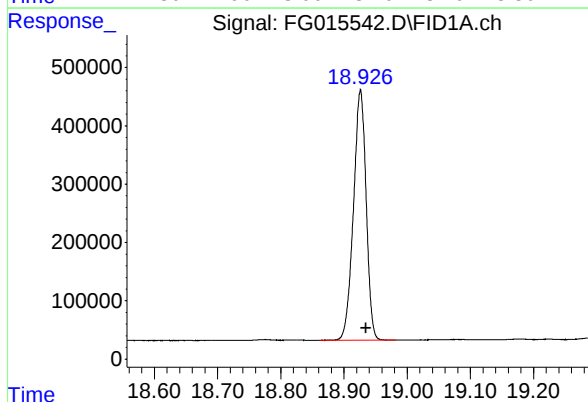
R.T.: 17.202 min
Delta R.T.: -0.009 min
Response: 6129693
Conc: 52.96 ug/ml



#13 N-TRIACONTANE

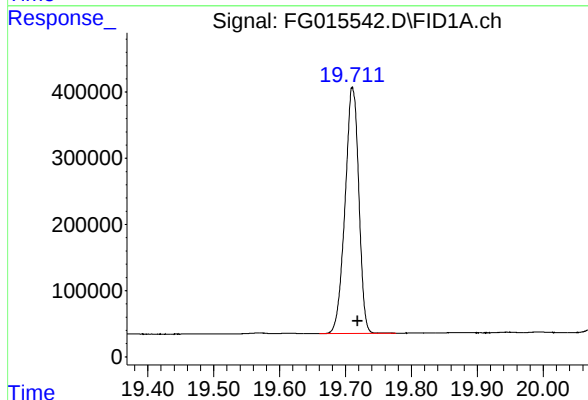
R.T.: 18.092 min
Delta R.T.: -0.008 min
Response: 6162635
Conc: 53.04 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



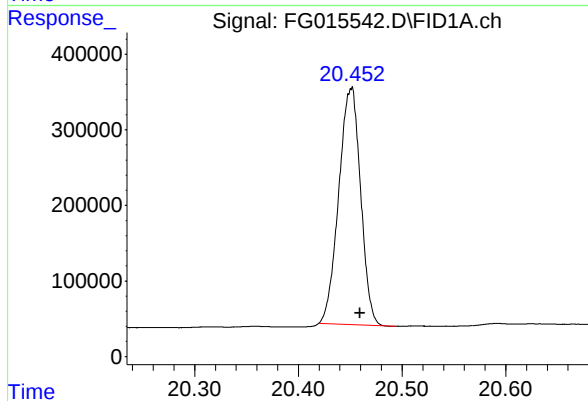
#14 N-DOTRIACONTANE

R.T.: 18.926 min
Delta R.T.: -0.009 min
Response: 5980425
Conc: 51.84 ug/ml



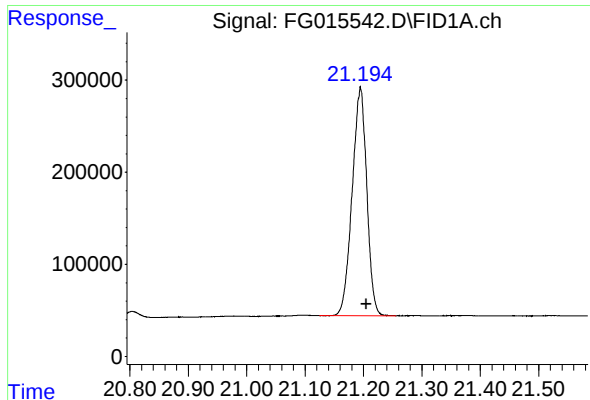
#15 N-TETRATRIACONTANE

R.T.: 19.710 min
Delta R.T.: -0.008 min
Response: 5395726
Conc: 50.24 ug/ml



#16 N-HEXATRIACONTANE

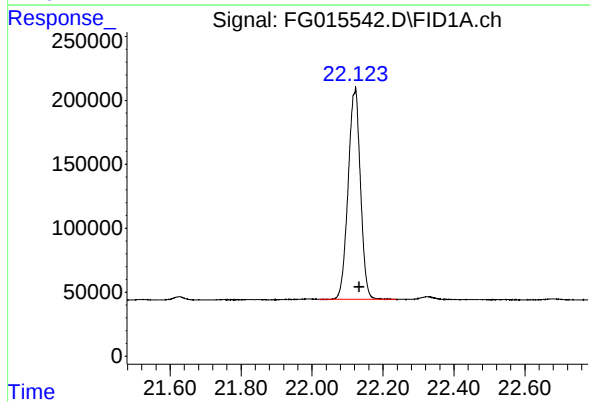
R.T.: 20.451 min
Delta R.T.: -0.008 min
Response: 4578343
Conc: 47.76 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.195 min
Delta R.T.: -0.010 min
Response: 4310953
Conc: 48.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.123 min
Delta R.T.: -0.011 min
Response: 3974425
Conc: 48.45 ug/ml