

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110823\
 Data File : FG013163.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2023 11:39
 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: Nov 08 23:10:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 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...	15.085	4994243	47.675 ug/ml
Target Compounds			
1) N-OCTANE	2.071	4728930	41.584 ug/ml
2) N-DECANE	4.594	5226406	45.458 ug/ml
3) N-DODECANE	6.769	5296585	45.855 ug/ml
4) N-TETRADECANE	8.604	5314145	46.605 ug/ml
5) N-HEXADECANE	10.218	5446225	46.903 ug/ml
6) N-OCTADECANE	11.667	5468399	47.094 ug/ml
7) N-EICOSANE	12.981	5449617	47.343 ug/ml
8) N-DOCOSANE	14.184	5277732	47.697 ug/ml
10) N-TETRACOSANE	15.289	5319319	48.414 ug/ml
11) N-HEXACOSANE	16.314	5194708	48.271 ug/ml
12) N-OCTACOSANE	17.268	5201143	48.780 ug/ml
13) N-TRIACONTANE	18.156	5306050	49.542 ug/ml
14) N-DOTRIACONTANE	18.989	5205180	49.729 ug/ml
15) N-TETRATRIACONTANE	19.773	4510866	49.559 ug/ml
16) N-HEXATRIACONTANE	20.514	3596078	48.893 ug/ml
17) N-OCTATRIACONTANE	21.271	3251438	45.939 ug/ml
18) N-TETRACONTANE	22.224	3239838	44.695 ug/ml

(f)=RT Delta > 1/2 Window

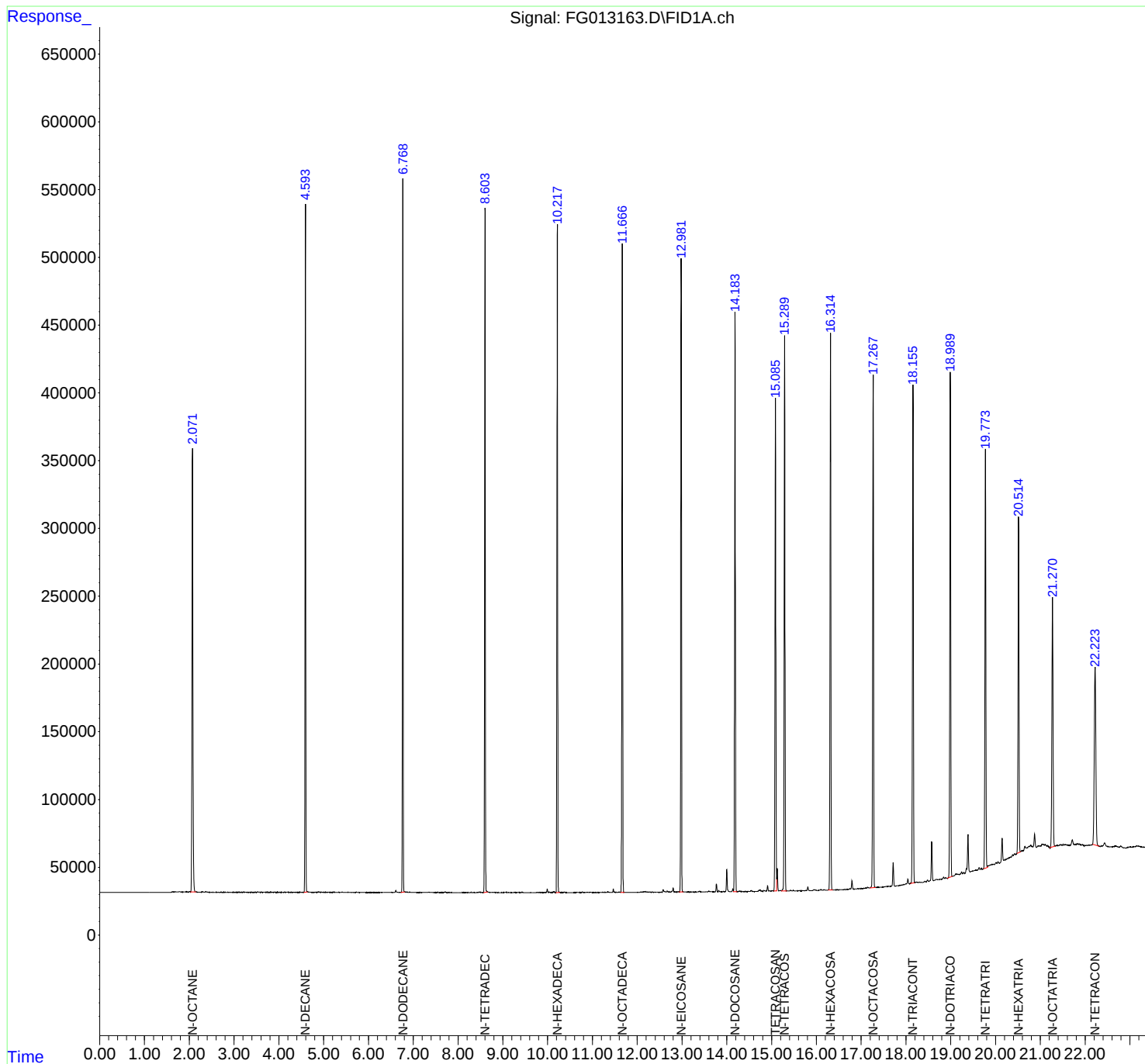
(m)=manual int.

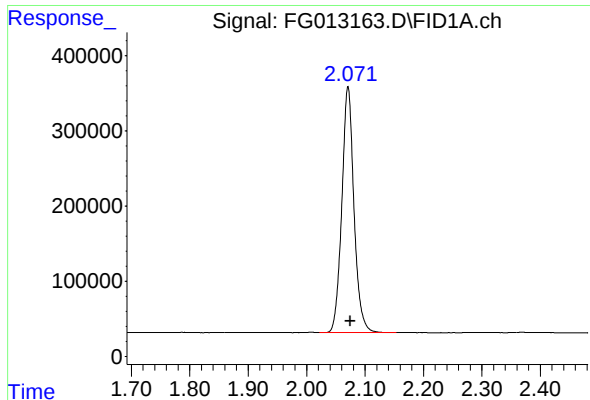
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

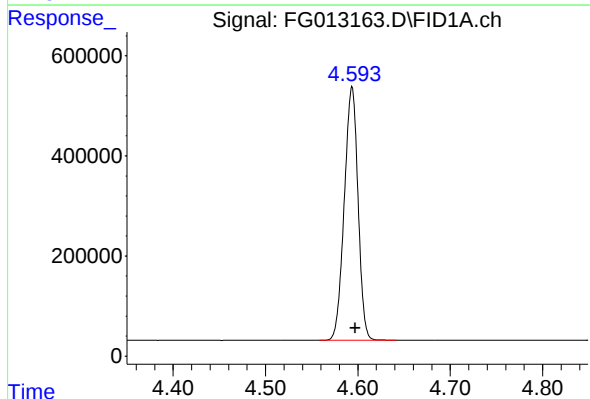




#1 N-OCTANE

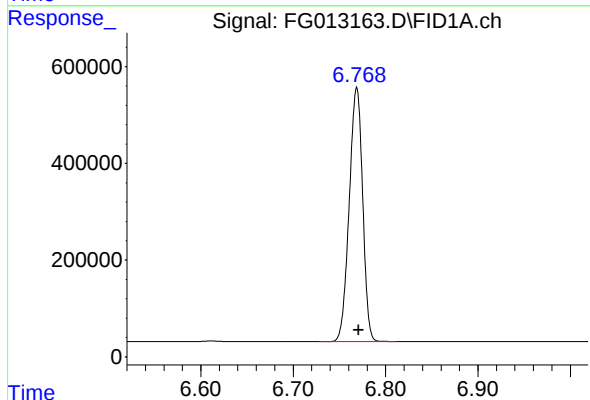
R.T.: 2.071 min
Delta R.T.: -0.004 min
Response: 4728930
Conc: 41.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



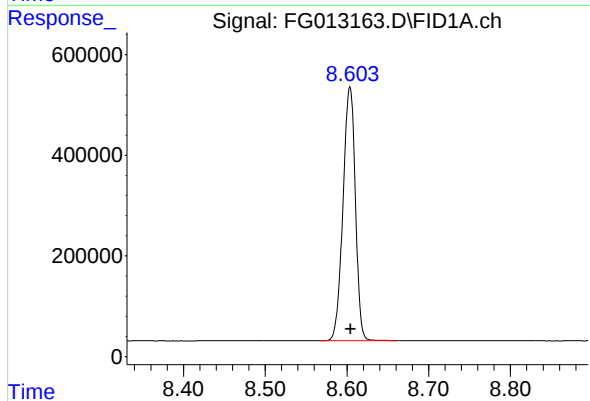
#2 N-DECANE

R.T.: 4.594 min
Delta R.T.: -0.004 min
Response: 5226406
Conc: 45.46 ug/ml



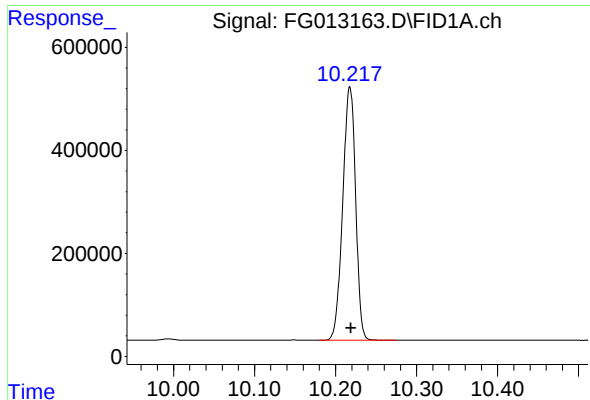
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 5296585
Conc: 45.85 ug/ml



#4 N-TETRADECANE

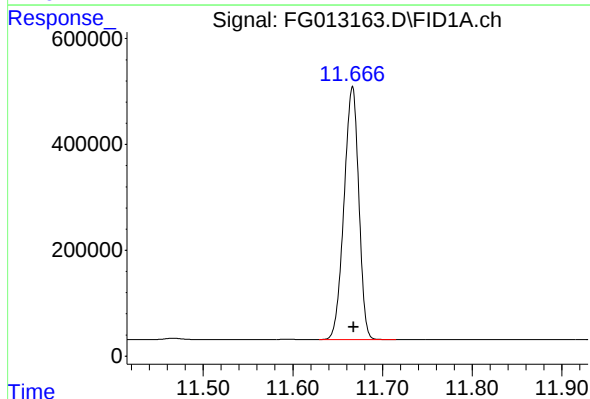
R.T.: 8.604 min
Delta R.T.: -0.001 min
Response: 5314145
Conc: 46.61 ug/ml



#5 N-HEXADECANE

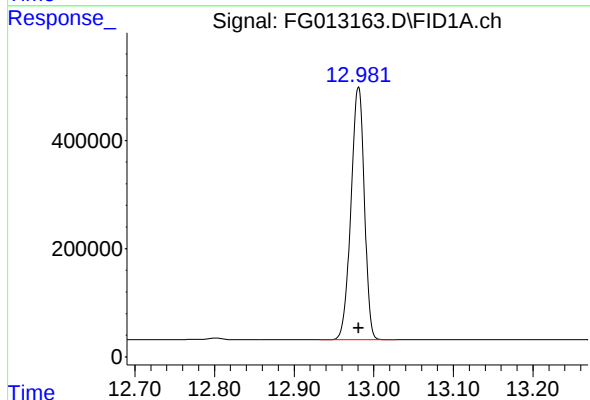
R.T.: 10.218 min
Delta R.T.: -0.001 min
Response: 5446225
Conc: 46.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



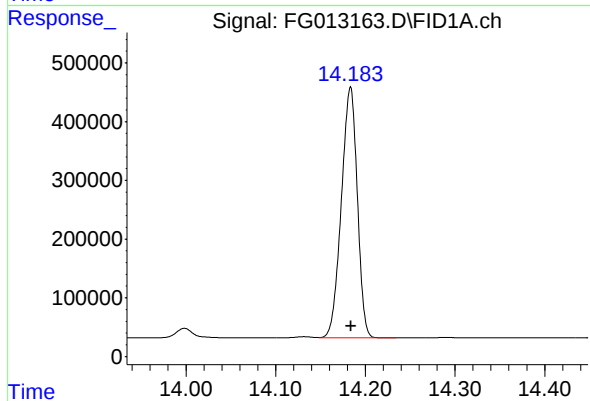
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: -0.001 min
Response: 5468399
Conc: 47.09 ug/ml



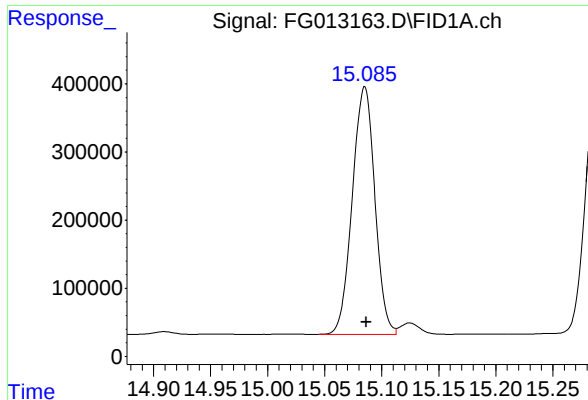
#7 N-EICOSANE

R.T.: 12.981 min
Delta R.T.: 0.000 min
Response: 5449617
Conc: 47.34 ug/ml



#8 N-DOCOSANE

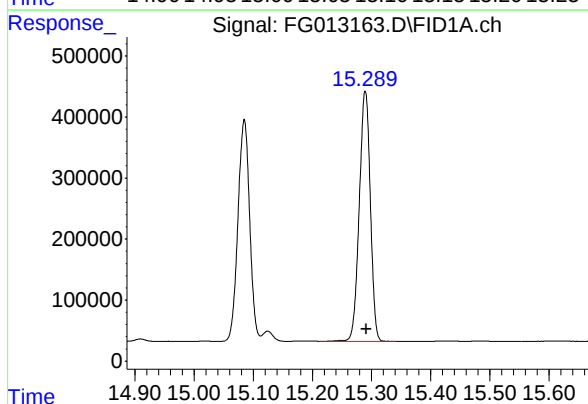
R.T.: 14.184 min
Delta R.T.: 0.000 min
Response: 5277732
Conc: 47.70 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

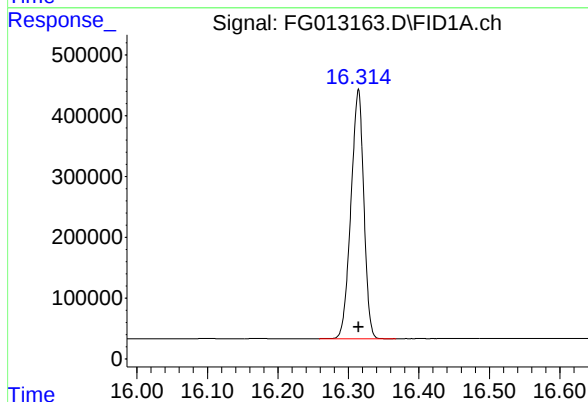
R.T.: 15.085 min
Delta R.T.: -0.002 min
Response: 4994243
Conc: 47.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



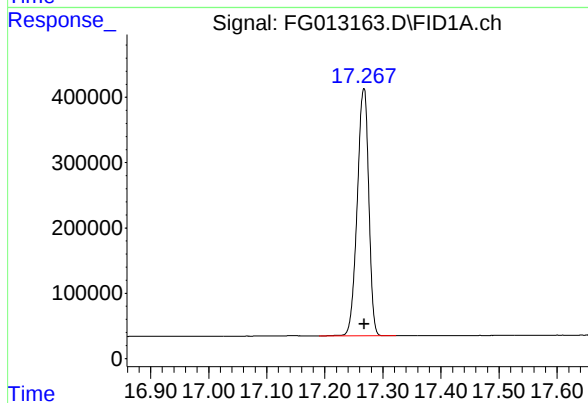
#10 N-TETRACOSANE

R.T.: 15.289 min
Delta R.T.: -0.002 min
Response: 5319319
Conc: 48.41 ug/ml



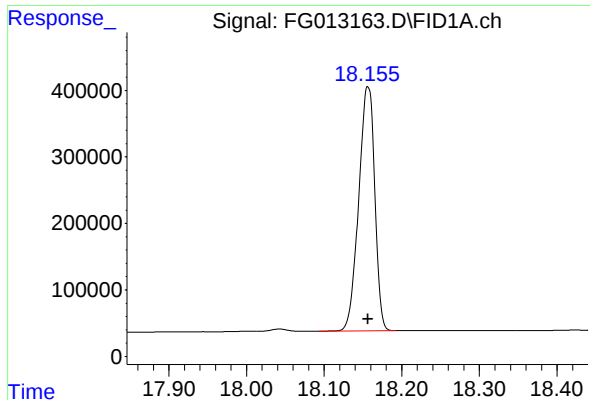
#11 N-HEXACOSANE

R.T.: 16.314 min
Delta R.T.: 0.000 min
Response: 5194708
Conc: 48.27 ug/ml



#12 N-OCTACOSANE

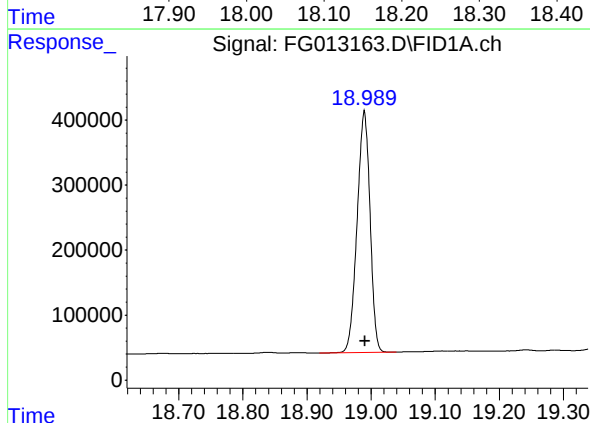
R.T.: 17.268 min
Delta R.T.: 0.000 min
Response: 5201143
Conc: 48.78 ug/ml



#13 N-TRIACONTANE

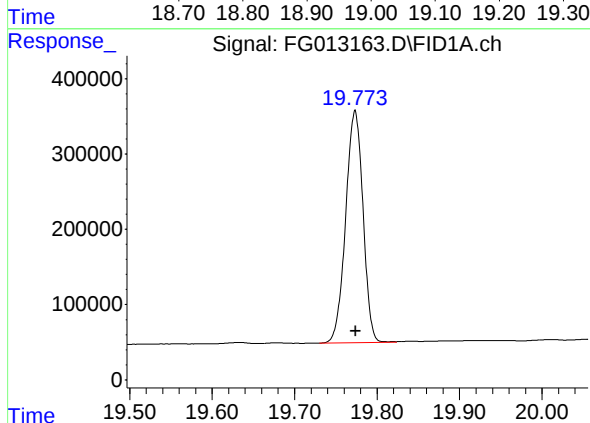
R.T.: 18.156 min
Delta R.T.: 0.000 min
Response: 5306050
Conc: 49.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



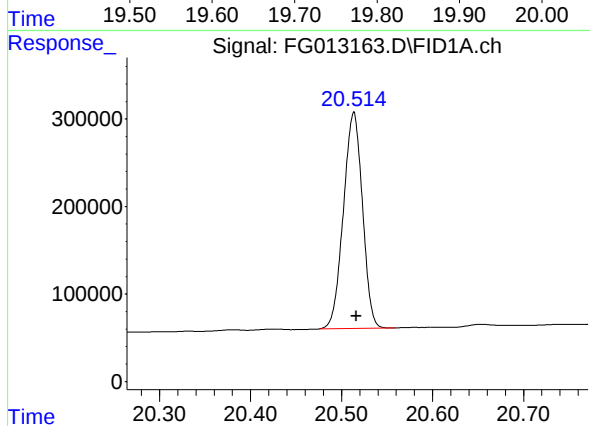
#14 N-DOTRIACONTANE

R.T.: 18.989 min
Delta R.T.: 0.000 min
Response: 5205180
Conc: 49.73 ug/ml



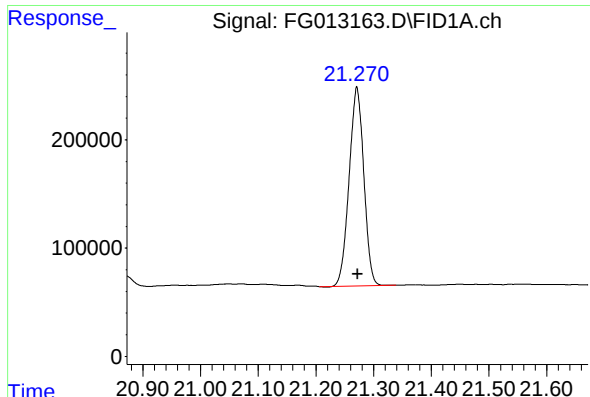
#15 N-TETRATRIACONTANE

R.T.: 19.773 min
Delta R.T.: 0.000 min
Response: 4510866
Conc: 49.56 ug/ml



#16 N-HEXATRIACONTANE

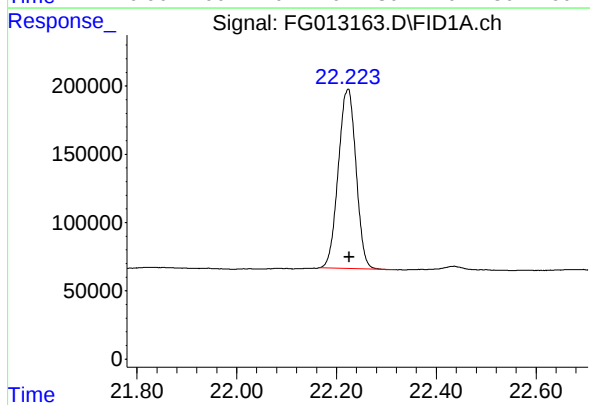
R.T.: 20.514 min
Delta R.T.: -0.003 min
Response: 3596078
Conc: 48.89 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.271 min
Delta R.T.: -0.002 min
Response: 3251438
Conc: 45.94 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.224 min
Delta R.T.: -0.002 min
Response: 3239838
Conc: 44.70 ug/ml