

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072123\
 Data File : FG012549.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 21:27
 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: Jul 22 02:21:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 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...	14.976	5091798	47.647 ug/ml
Target Compounds			
1) N-OCTANE	2.007	6001766	49.952 ug/ml
2) N-DECANE	4.515	6125318	50.253 ug/ml
3) N-DODECANE	6.684	6049233	49.379 ug/ml
4) N-TETRADECANE	8.513	5951058	50.078 ug/ml
5) N-HEXADECANE	10.122	6049190	48.244 ug/ml
6) N-OCTADECANE	11.566	6128217	47.706 ug/ml
7) N-EICOSANE	12.877	6015931	47.627 ug/ml
8) N-DOCOSANE	14.077	5858394	47.680 ug/ml
10) N-TETRACOSANE	15.181	6081493	45.968 ug/ml
11) N-HEXACOSANE	16.204	5640155	48.197 ug/ml
12) N-OCTACOSANE	17.155	5551166	48.620 ug/ml
13) N-TRIACONTANE	18.044	5416379	48.843 ug/ml
14) N-DOTRIACONTANE	18.877	5092868	48.727 ug/ml
15) N-TETRATRIACONTANE	19.662	4675766	47.488 ug/ml
16) N-HEXATRIACONTANE	20.402	4389474	47.457 ug/ml
17) N-OCTATRIACONTANE	21.137	4300731	48.230 ug/ml
18) N-TETRACONTANE	22.043	4257642	47.959 ug/ml

(f)=RT Delta > 1/2 Window

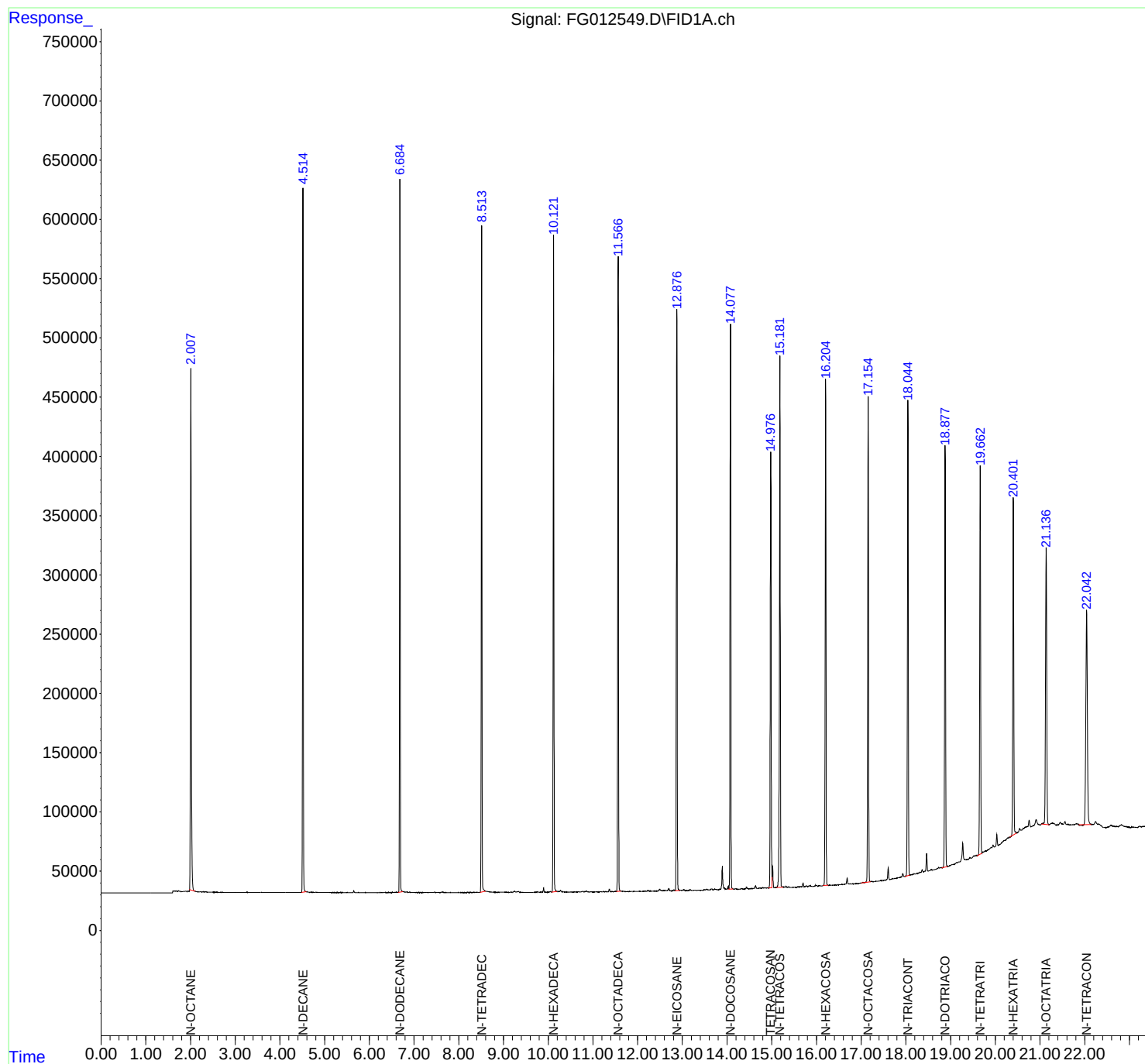
(m)=manual int.

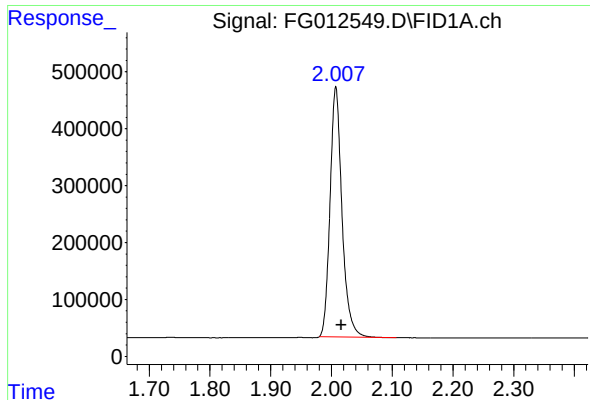
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

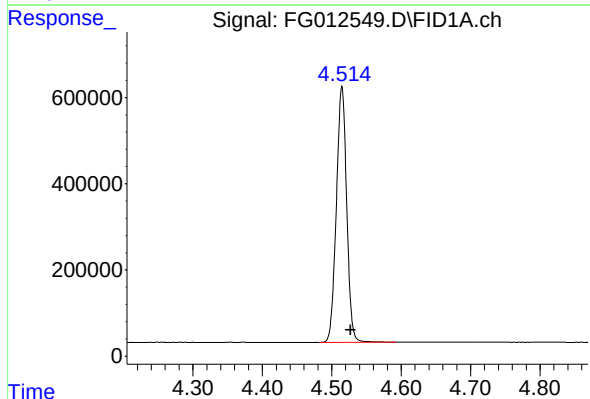




#1 N-OCTANE

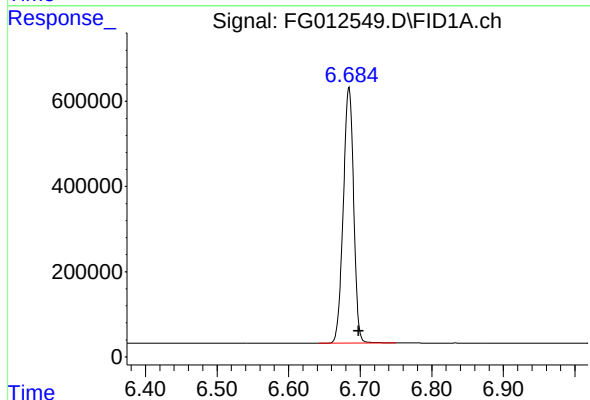
R.T.: 2.007 min
Delta R.T.: -0.009 min
Response: 6001766
Conc: 49.95 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



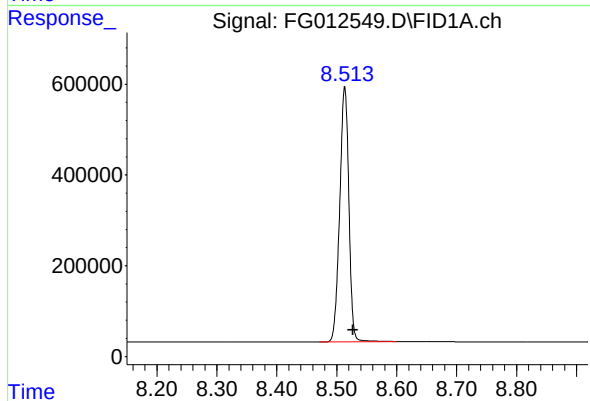
#2 N-DECANE

R.T.: 4.515 min
Delta R.T.: -0.013 min
Response: 6125318
Conc: 50.25 ug/ml



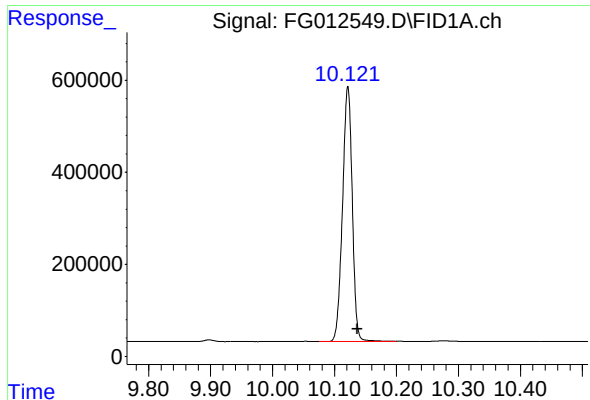
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: -0.014 min
Response: 6049233
Conc: 49.38 ug/ml



#4 N-TETRADECANE

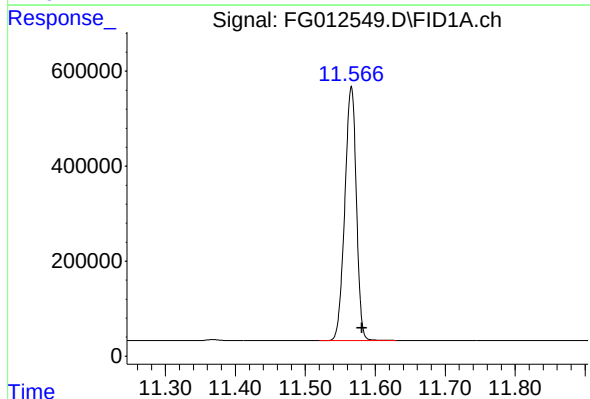
R.T.: 8.513 min
Delta R.T.: -0.014 min
Response: 5951058
Conc: 50.08 ug/ml



#5 N-HEXADECANE

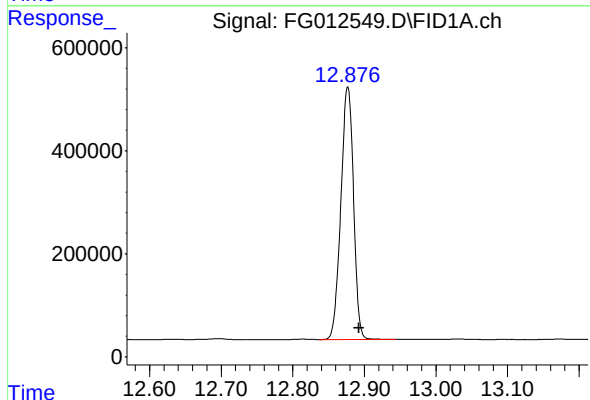
R.T.: 10.122 min
Delta R.T.: -0.015 min
Response: 6049190
Conc: 48.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



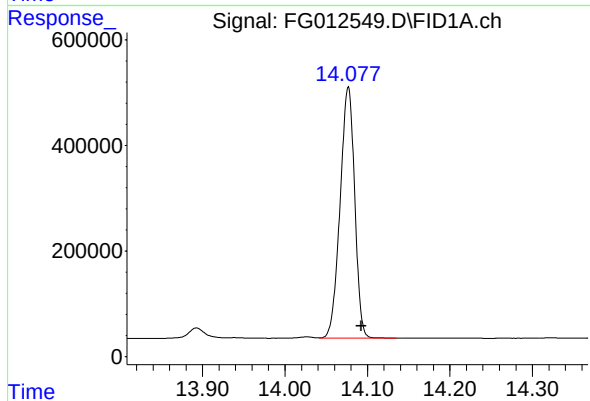
#6 N-OCTADECANE

R.T.: 11.566 min
Delta R.T.: -0.015 min
Response: 6128217
Conc: 47.71 ug/ml



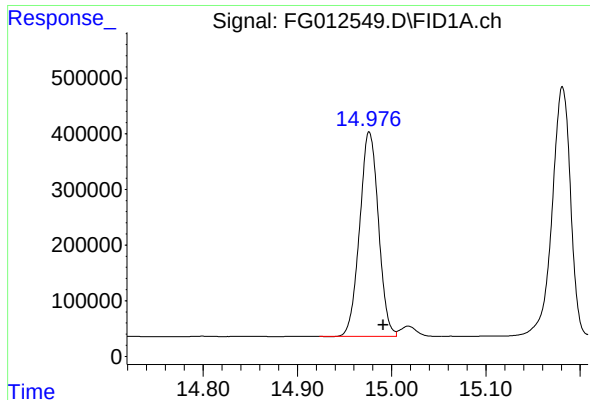
#7 N-EICOSANE

R.T.: 12.877 min
Delta R.T.: -0.016 min
Response: 6015931
Conc: 47.63 ug/ml



#8 N-DOCOSANE

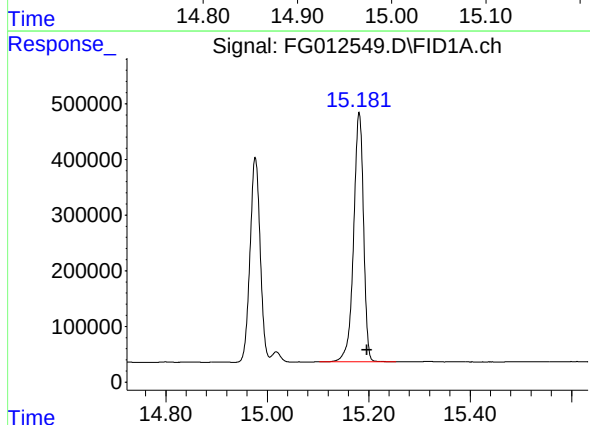
R.T.: 14.077 min
Delta R.T.: -0.016 min
Response: 5858394
Conc: 47.68 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

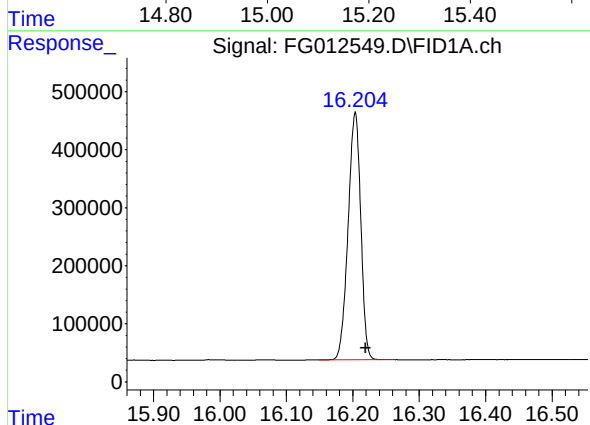
R.T.: 14.976 min
Delta R.T.: -0.015 min
Response: 5091798
Conc: 47.65 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



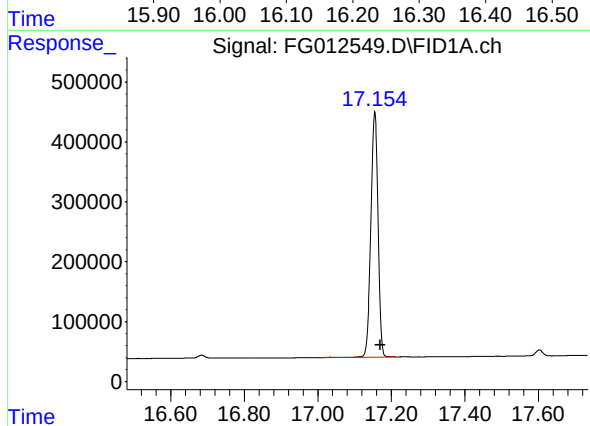
#10 N-TETRACOSANE

R.T.: 15.181 min
Delta R.T.: -0.016 min
Response: 6081493
Conc: 45.97 ug/ml



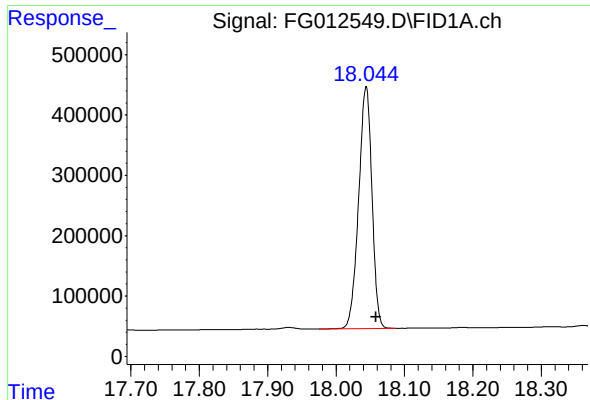
#11 N-HEXACOSANE

R.T.: 16.204 min
Delta R.T.: -0.016 min
Response: 5640155
Conc: 48.20 ug/ml



#12 N-OCTACOSANE

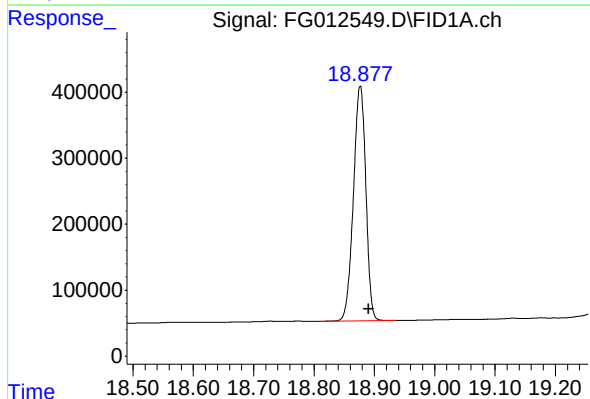
R.T.: 17.155 min
Delta R.T.: -0.015 min
Response: 5551166
Conc: 48.62 ug/ml



#13 N-TRIACONTANE

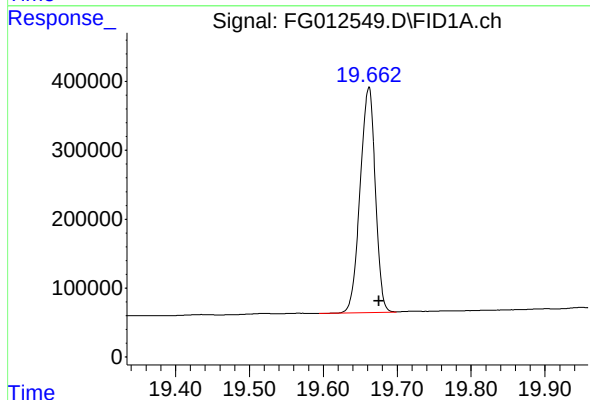
R.T.: 18.044 min
Delta R.T.: -0.014 min
Response: 5416379
Conc: 48.84 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



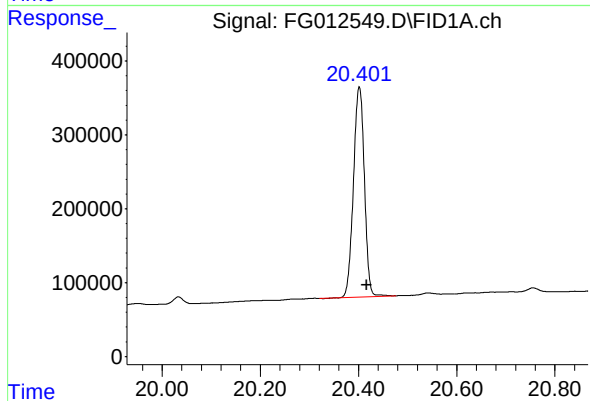
#14 N-DOTRIACONTANE

R.T.: 18.877 min
Delta R.T.: -0.014 min
Response: 5092868
Conc: 48.73 ug/ml



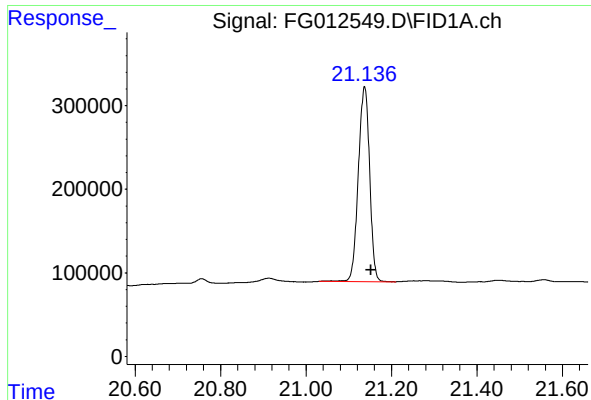
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.013 min
Response: 4675766
Conc: 47.49 ug/ml



#16 N-HEXATRIACONTANE

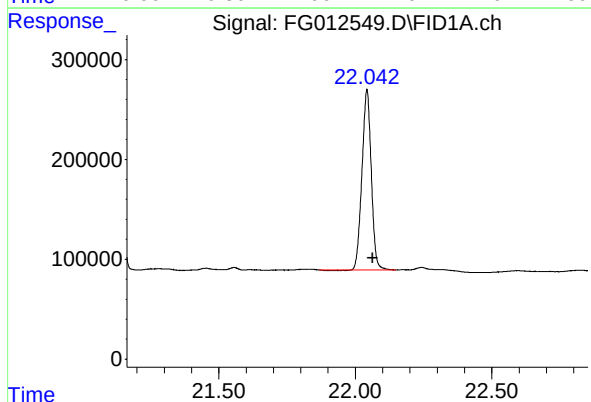
R.T.: 20.402 min
Delta R.T.: -0.015 min
Response: 4389474
Conc: 47.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.137 min
Delta R.T.: -0.015 min
Response: 4300731
Conc: 48.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.043 min
Delta R.T.: -0.020 min
Response: 4257642
Conc: 47.96 ug/ml