

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030425\
 Data File : FG015434.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 15:10
 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: Mar 05 00:20:21 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...	15.033	5689057	52.252 ug/ml
Target Compounds			
1) N-OCTANE	1.993	5922763	53.879 ug/ml
2) N-DECANE	4.532	6136769	55.150 ug/ml
3) N-DODECANE	6.715	6277701	54.016 ug/ml
4) N-TETRADECANE	8.551	6249548	54.236 ug/ml
5) N-HEXADECANE	10.166	6333084	53.358 ug/ml
6) N-OCTADECANE	11.614	6479533	52.319 ug/ml
7) N-EICOSANE	12.929	6407263	52.748 ug/ml
8) N-DOCOSANE	14.131	6257874	52.266 ug/ml
10) N-TETRACOSANE	15.239	6200381	51.923 ug/ml
11) N-HEXACOSANE	16.262	6095255	51.941 ug/ml
12) N-OCTACOSANE	17.215	5949834	51.401 ug/ml
13) N-TRIACONTANE	18.104	5895002	50.740 ug/ml
14) N-DOTRIACONTANE	18.937	5530222	47.934 ug/ml
15) N-TETRATRIACONTANE	19.720	4537274	42.248 ug/ml
16) N-HEXATRIACONTANE	20.461	3363972	35.090 ug/ml
17) N-OCTATRIACONTANE	21.204	2494862	27.955 ug/ml
18) N-TETRACONTANE	22.135	1782951	21.733 ug/ml

(f)=RT Delta > 1/2 Window

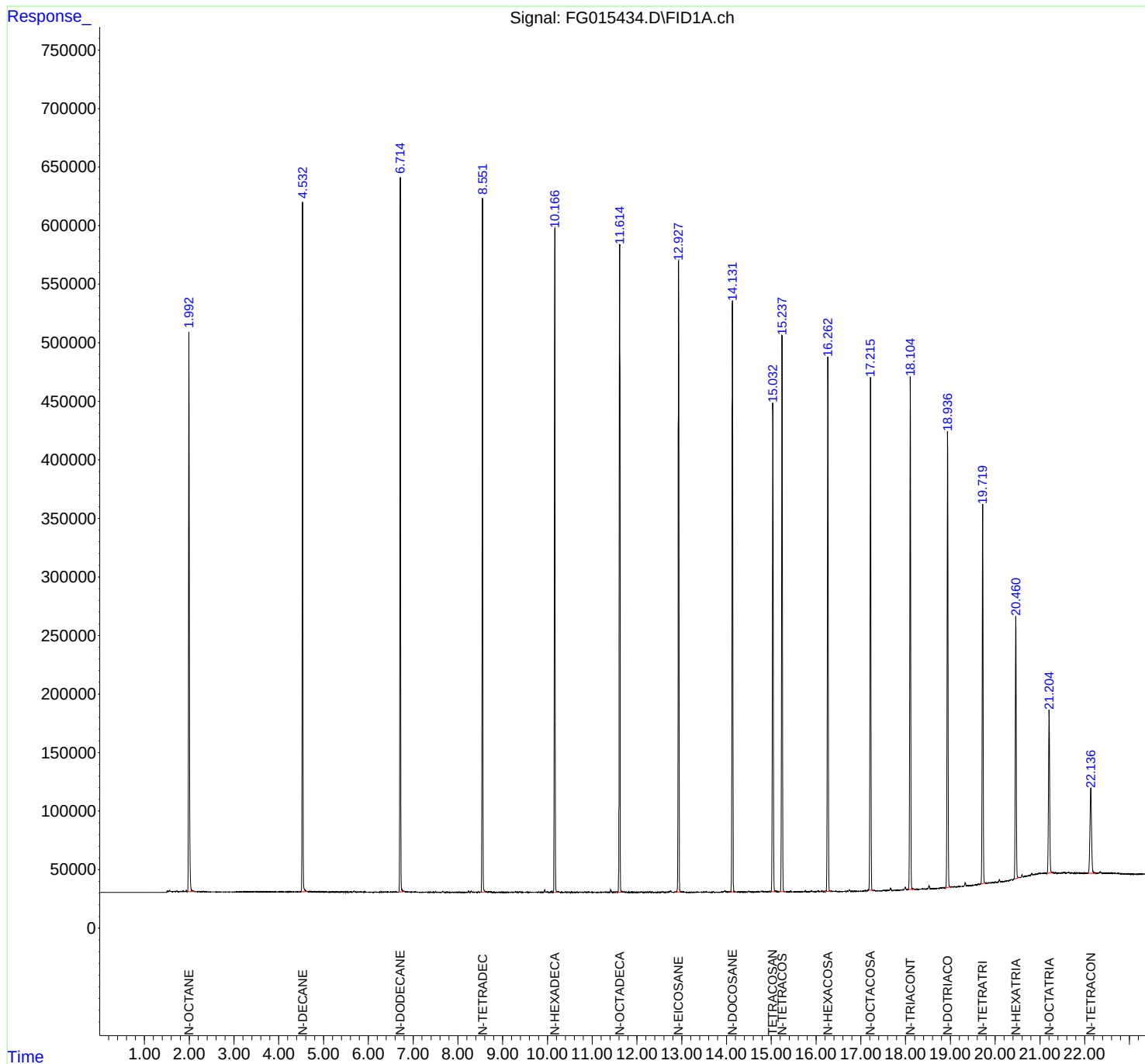
(m)=manual int.

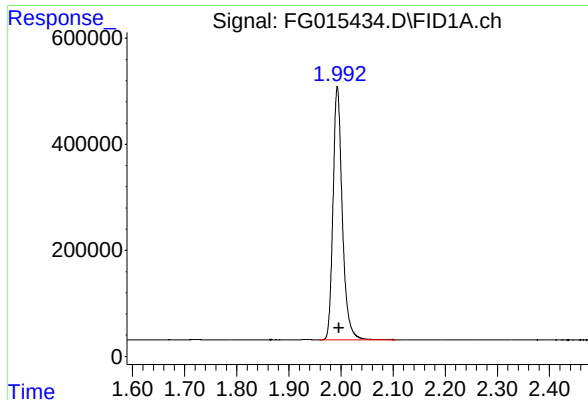
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
Quant Title :
QLast Update : Mon Mar 03 14:06:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

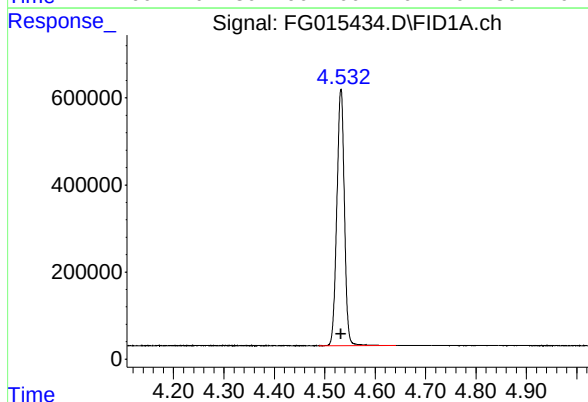




#1 N-OCTANE

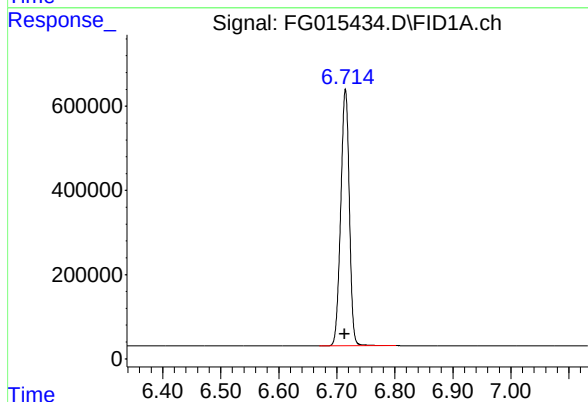
R.T.: 1.993 min
Delta R.T.: -0.003 min
Response: 5922763
Conc: 53.88 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



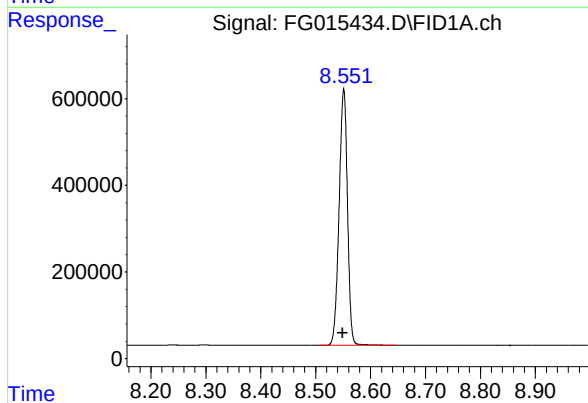
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 6136769
Conc: 55.15 ug/ml



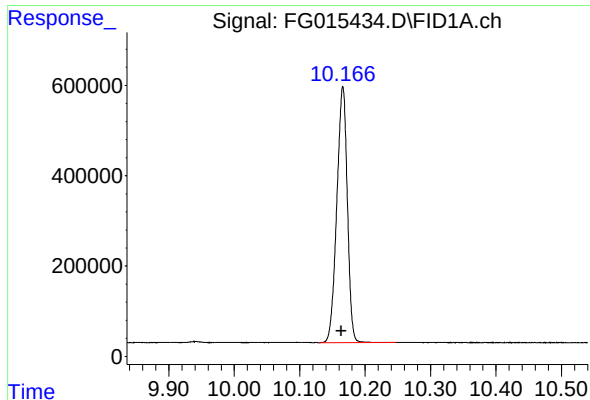
#3 N-DODECANE

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 6277701
Conc: 54.02 ug/ml



#4 N-TETRADECANE

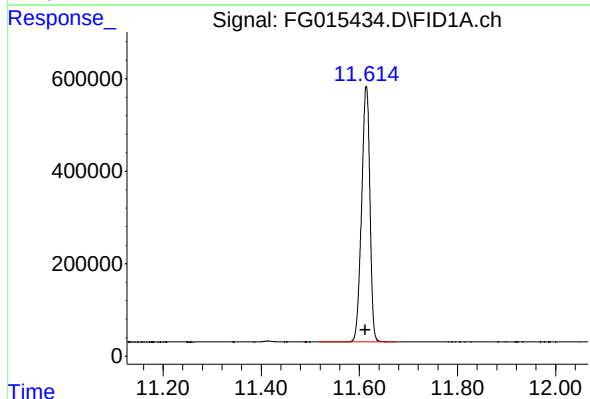
R.T.: 8.551 min
Delta R.T.: 0.002 min
Response: 6249548
Conc: 54.24 ug/ml



#5 N-HEXADECANE

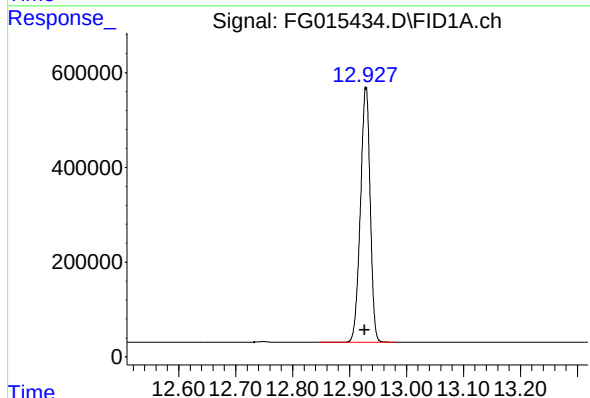
R.T.: 10.166 min
Delta R.T.: 0.003 min
Response: 6333084
Conc: 53.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



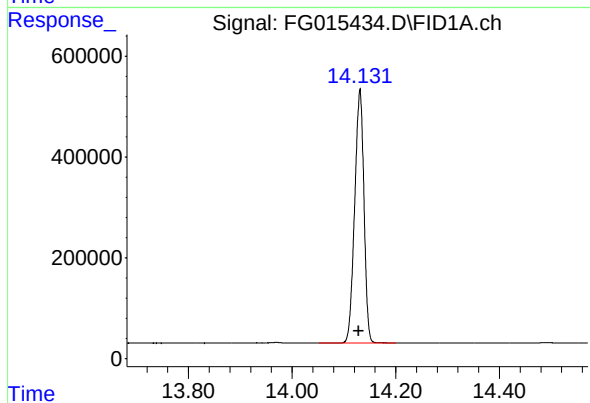
#6 N-OCTADECANE

R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 6479533
Conc: 52.32 ug/ml



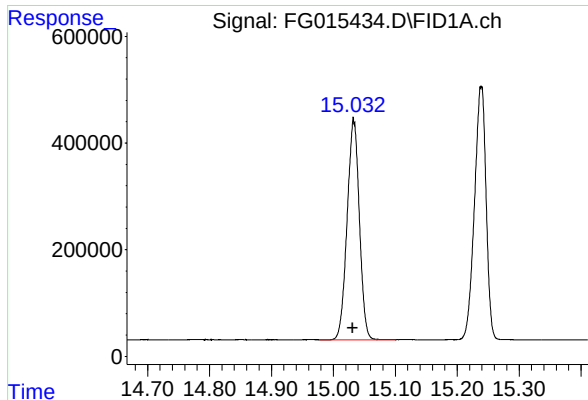
#7 N-EICOSANE

R.T.: 12.929 min
Delta R.T.: 0.002 min
Response: 6407263
Conc: 52.75 ug/ml



#8 N-DOCOSANE

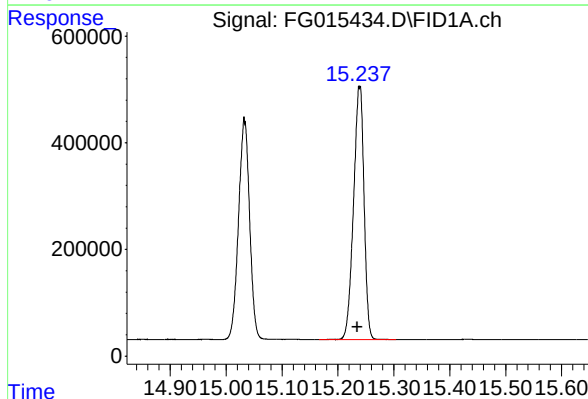
R.T.: 14.131 min
Delta R.T.: 0.002 min
Response: 6257874
Conc: 52.27 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

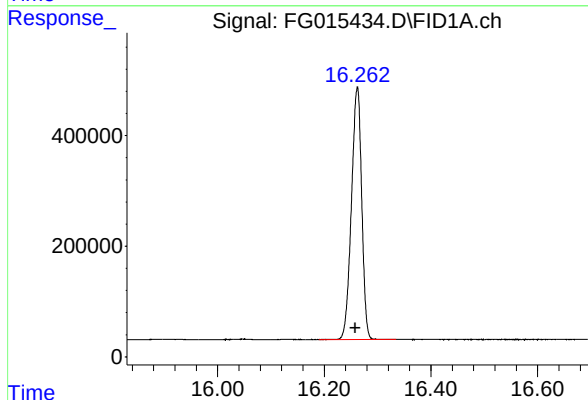
R.T.: 15.033 min
Delta R.T.: 0.002 min
Response: 5689057
Conc: 52.25 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



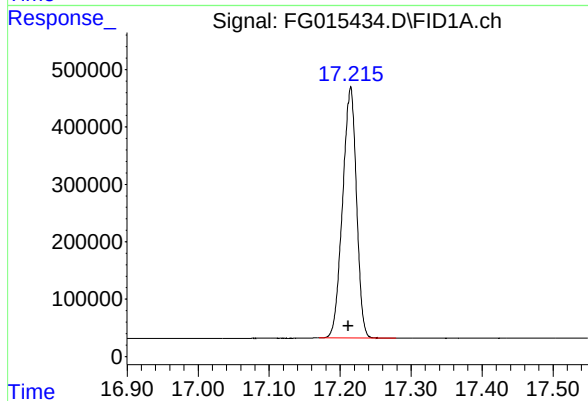
#10 N-TETRACOSANE

R.T.: 15.239 min
Delta R.T.: 0.004 min
Response: 6200381
Conc: 51.92 ug/ml



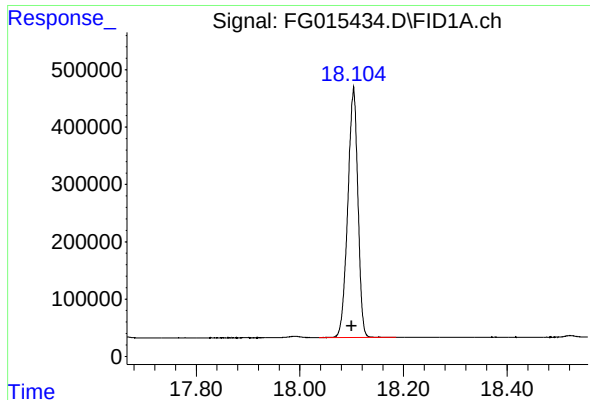
#11 N-HEXACOSANE

R.T.: 16.262 min
Delta R.T.: 0.004 min
Response: 6095255
Conc: 51.94 ug/ml



#12 N-OCTACOSANE

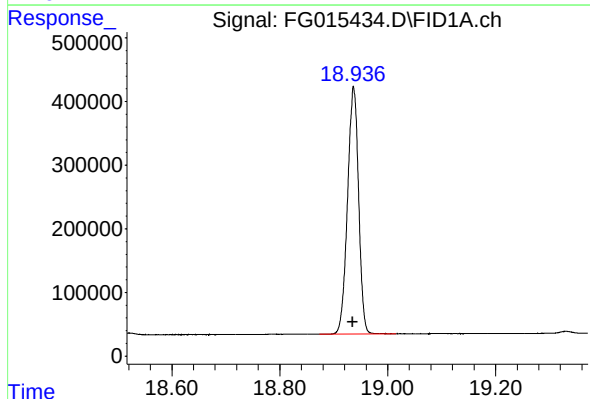
R.T.: 17.215 min
Delta R.T.: 0.004 min
Response: 5949834
Conc: 51.40 ug/ml



#13 N-TRIACONTANE

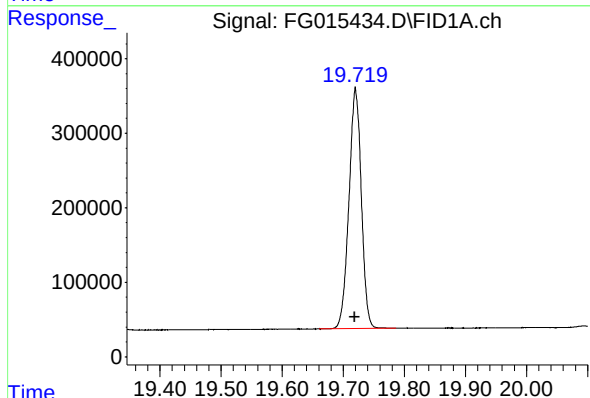
R.T.: 18.104 min
Delta R.T.: 0.004 min
Response: 5895002
Conc: 50.74 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



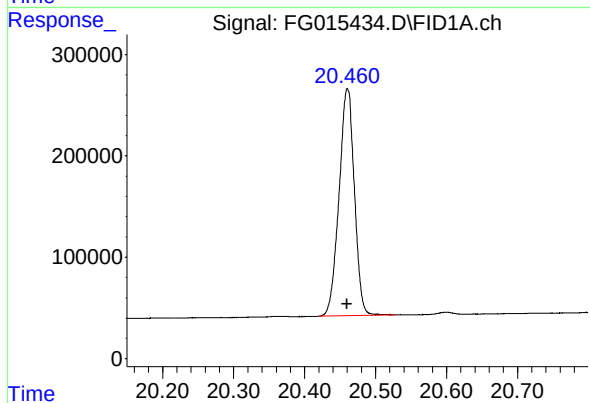
#14 N-DOTRIACONTANE

R.T.: 18.937 min
Delta R.T.: 0.002 min
Response: 5530222
Conc: 47.93 ug/ml



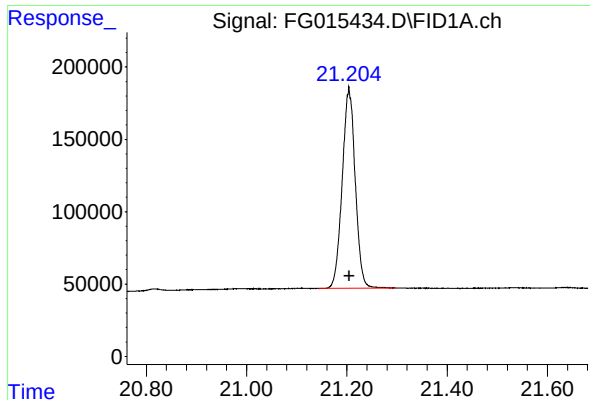
#15 N-TETRATRIACONTANE

R.T.: 19.720 min
Delta R.T.: 0.001 min
Response: 4537274
Conc: 42.25 ug/ml



#16 N-HEXATRIACONTANE

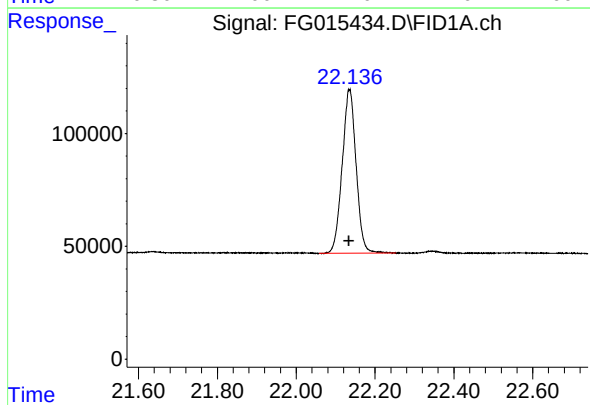
R.T.: 20.461 min
Delta R.T.: 0.001 min
Response: 3363972
Conc: 35.09 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.204 min
Delta R.T.: -0.001 min
Response: 2494862
Conc: 27.95 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.135 min
Delta R.T.: 0.001 min
Response: 1782951
Conc: 21.73 ug/ml