

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030425\
 Data File : FG015437.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 16:48
 Operator : YP\AJ
 Sample : PB166973BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166973BS

Integration File: autoint1.e
 Quant Time: Mar 05 00:21:33 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...	15.030	1857444	17.060 ug/ml
Target Compounds			
1) N-OCTANE	1.995	1697548	15.442 ug/ml
2) N-DECANE	4.531	2176839	19.563 ug/ml
3) N-DODECANE	6.713	2284973	19.661 ug/ml
4) N-TETRADECANE	8.549	2280322	19.790 ug/ml
5) N-HEXADECANE	10.162	2326383	19.600 ug/ml
6) N-OCTADECANE	11.611	2390050	19.299 ug/ml
7) N-EICOSANE	12.925	2361910	19.444 ug/ml
8) N-DOCOSANE	14.127	2306017	19.260 ug/ml
10) N-TETRACOSANE	15.234	2290434	19.181 ug/ml
11) N-HEXACOSANE	16.257	2241217	19.099 ug/ml
12) N-OCTACOSANE	17.210	2197732	18.987 ug/ml
13) N-TRIACONTANE	18.100	2175880	18.728 ug/ml
14) N-DOTRIACONTANE	18.933	1945301	16.861 ug/ml
15) N-TETRATRIACONTANE	19.718	1490724	13.881 ug/ml
16) N-HEXATRIACONTANE	20.458	1109134	11.570 ug/ml
17) N-OCTATRIACONTANE	21.204	820132	9.189 ug/ml
18) N-TETRACONTANE	22.131	575108	7.010 ug/ml

(f)=RT Delta > 1/2 Window

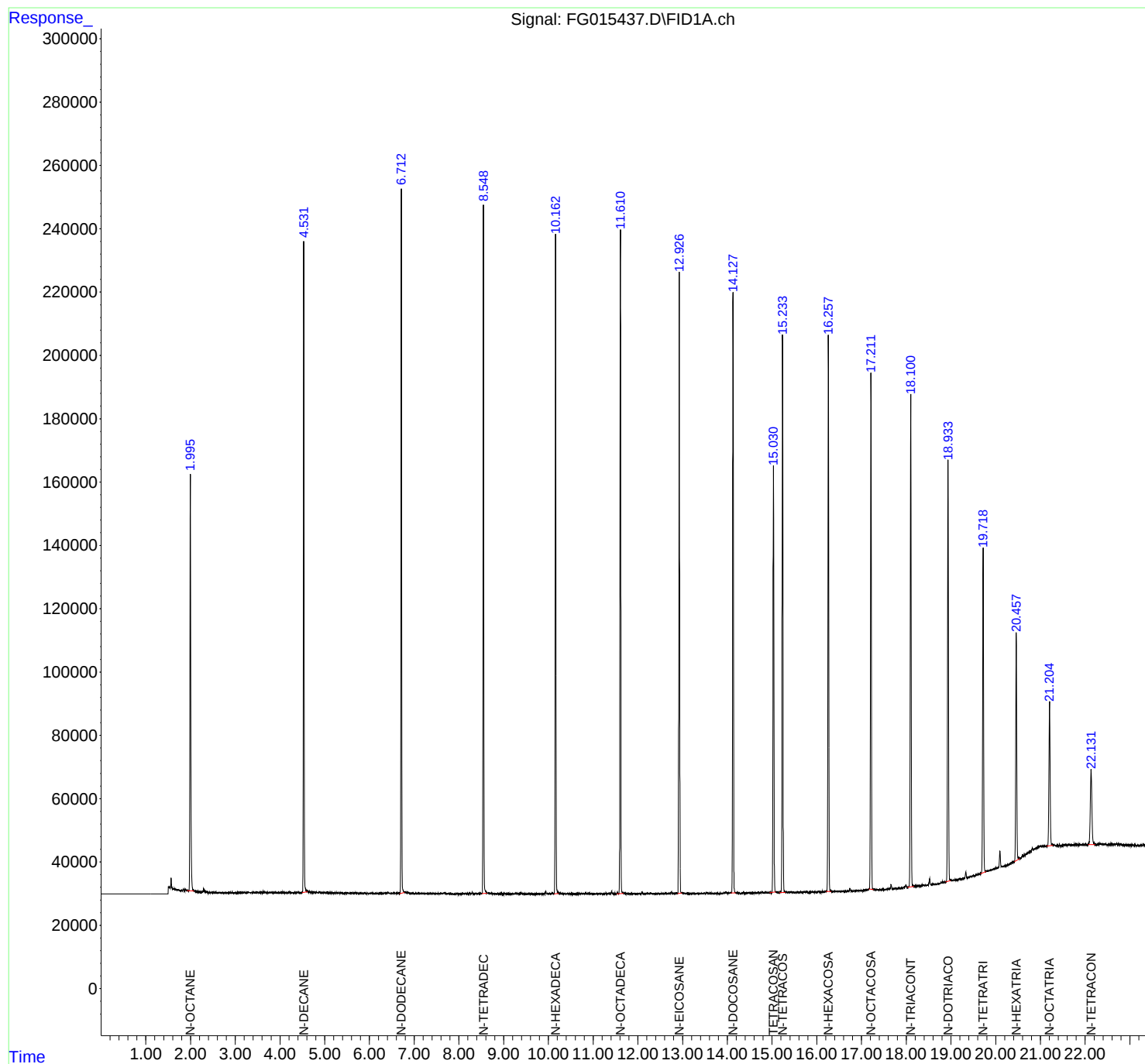
(m)=manual int.

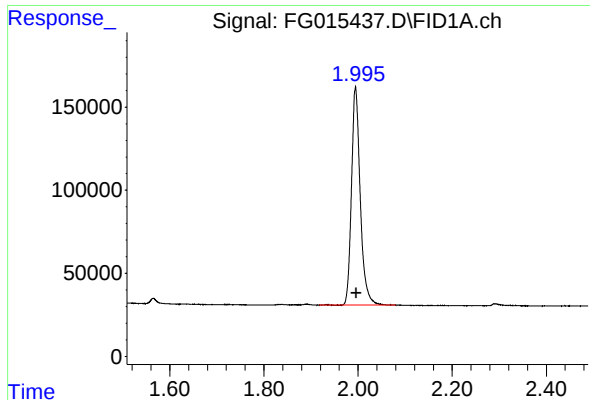
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

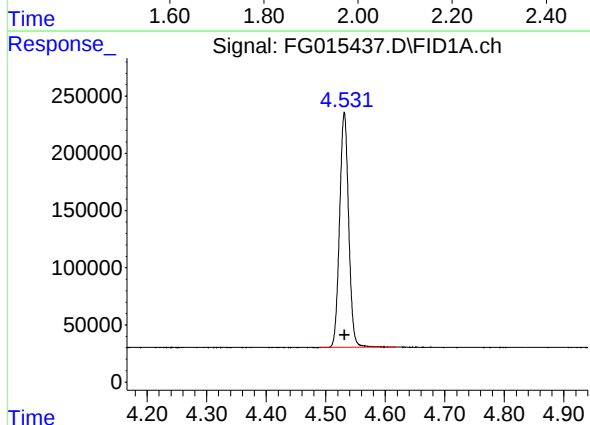




#1 N-OCTANE

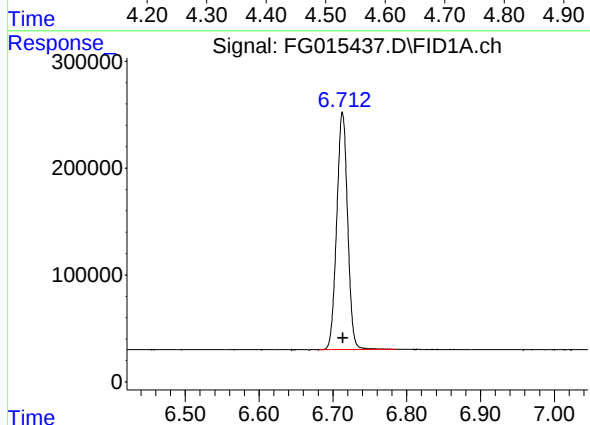
R.T.: 1.995 min
Delta R.T.: -0.001 min
Response: 1697548
Conc: 15.44 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166973BS



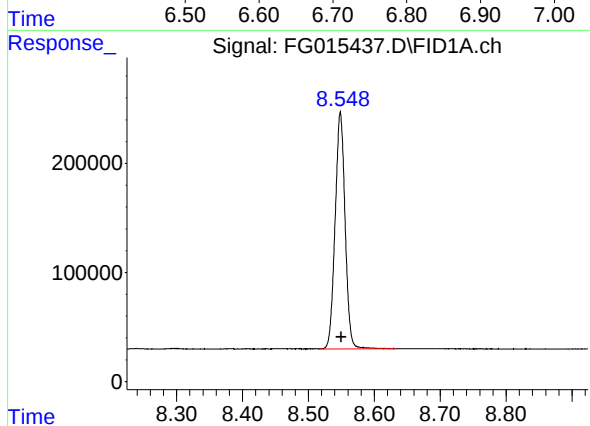
#2 N-DECANE

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 2176839
Conc: 19.56 ug/ml



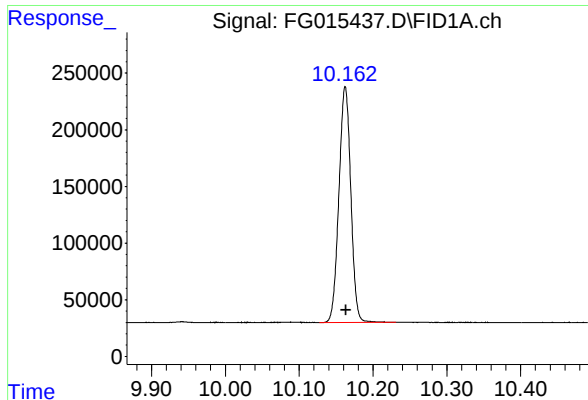
#3 N-DODECANE

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 2284973
Conc: 19.66 ug/ml



#4 N-TETRADECANE

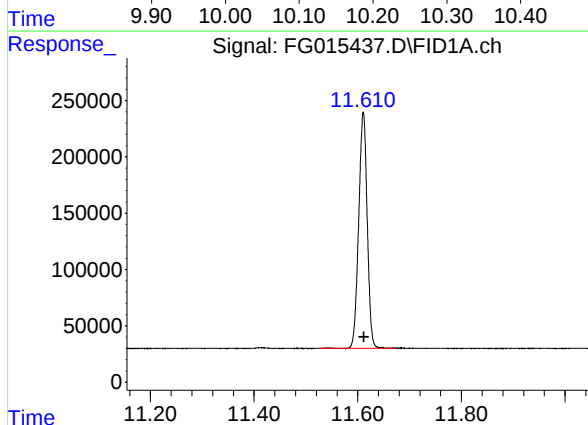
R.T.: 8.549 min
Delta R.T.: -0.001 min
Response: 2280322
Conc: 19.79 ug/ml



#5 N-HEXADECANE

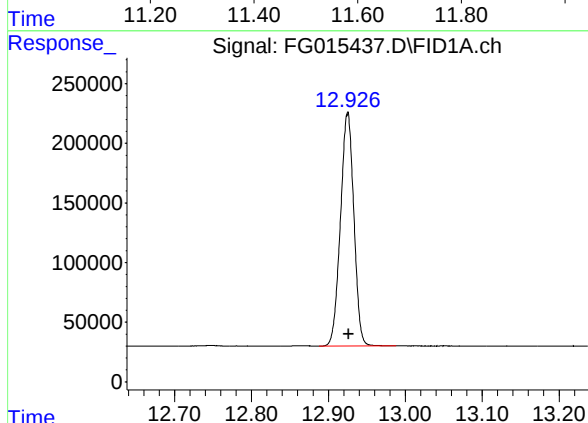
R.T.: 10.162 min
Delta R.T.: -0.001 min
Response: 2326383
Conc: 19.60 ug/ml

Instrument :
FID_G
ClientSampleId :
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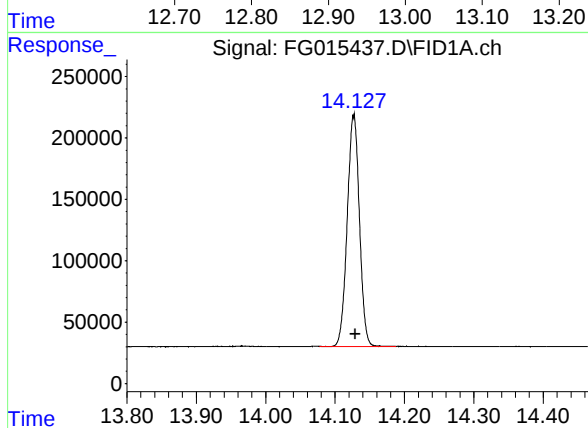
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 2390050
Conc: 19.30 ug/ml



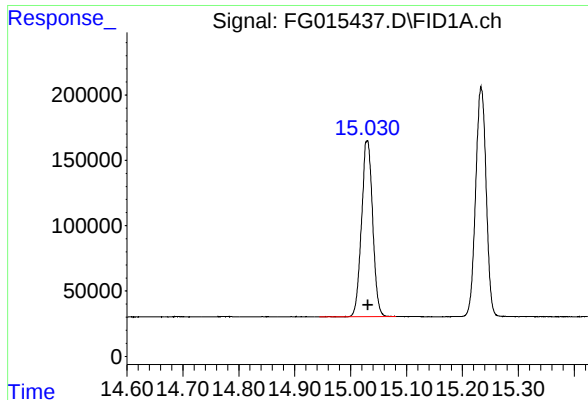
#7 N-EICOSANE

R.T.: 12.925 min
Delta R.T.: -0.001 min
Response: 2361910
Conc: 19.44 ug/ml



#8 N-DOCOSANE

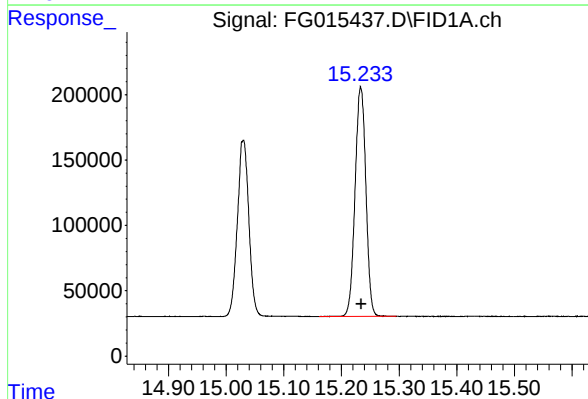
R.T.: 14.127 min
Delta R.T.: -0.002 min
Response: 2306017
Conc: 19.26 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

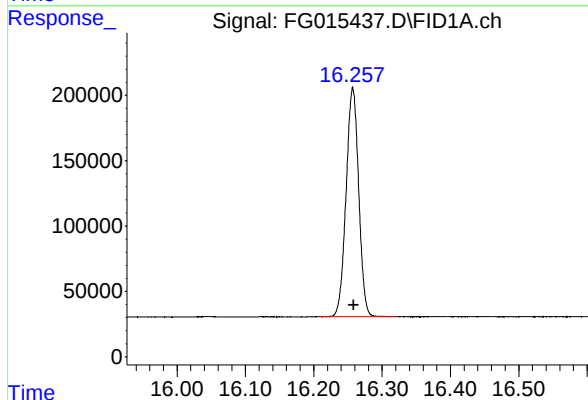
R.T.: 15.030 min
Delta R.T.: -0.001 min
Response: 1857444
Conc: 17.06 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166973BS



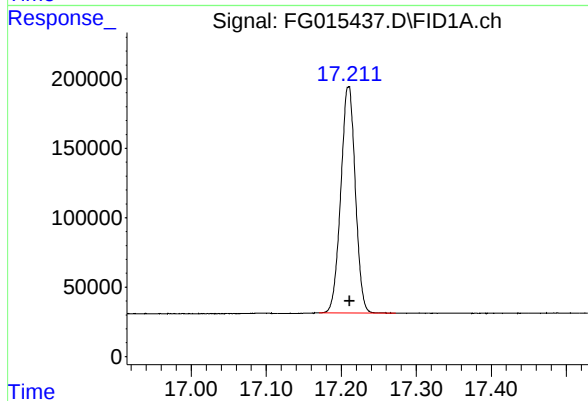
#10 N-TETRACOSANE

R.T.: 15.234 min
Delta R.T.: -0.001 min
Response: 2290434
Conc: 19.18 ug/ml



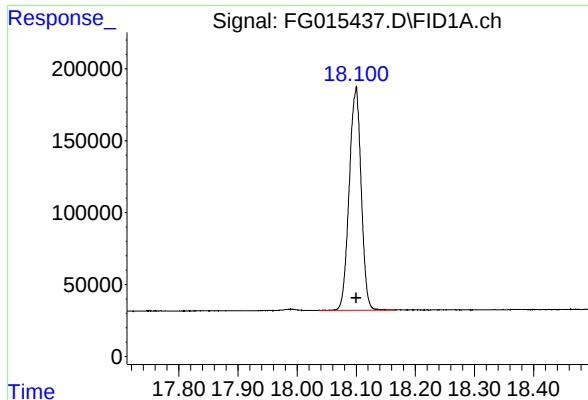
#11 N-HEXACOSANE

R.T.: 16.257 min
Delta R.T.: -0.001 min
Response: 2241217
Conc: 19.10 ug/ml



#12 N-OCTACOSANE

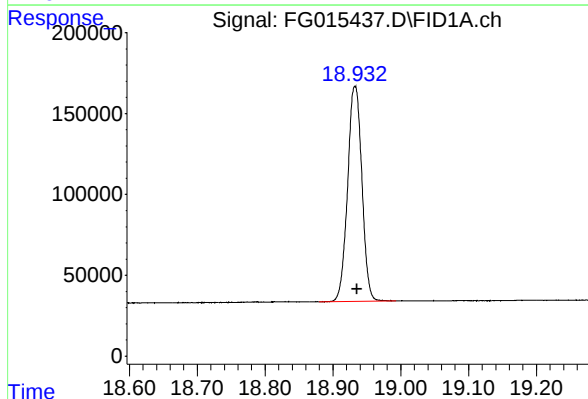
R.T.: 17.210 min
Delta R.T.: -0.002 min
Response: 2197732
Conc: 18.99 ug/ml



#13 N-TRIACONTANE

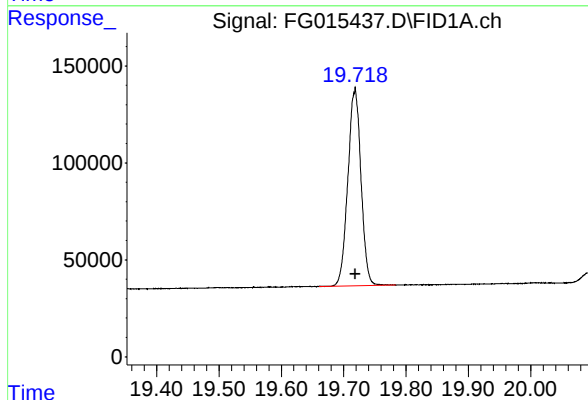
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 2175880
Conc: 18.73 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166973BS



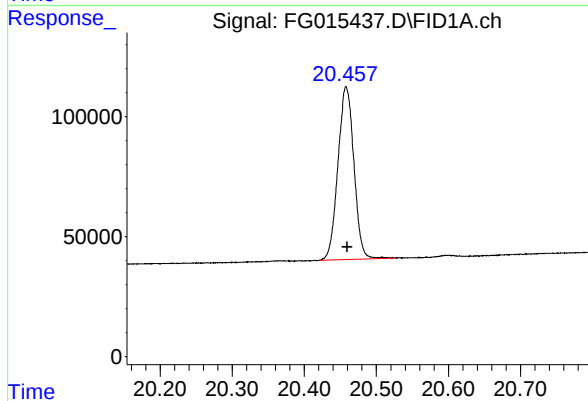
#14 N-DOTRIACONTANE

R.T.: 18.933 min
Delta R.T.: -0.002 min
Response: 1945301
Conc: 16.86 ug/ml



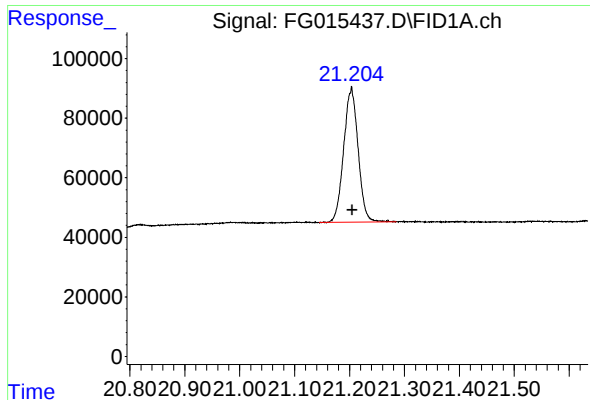
#15 N-TETRATRIACONTANE

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 1490724
Conc: 13.88 ug/ml



#16 N-HEXATRIACONTANE

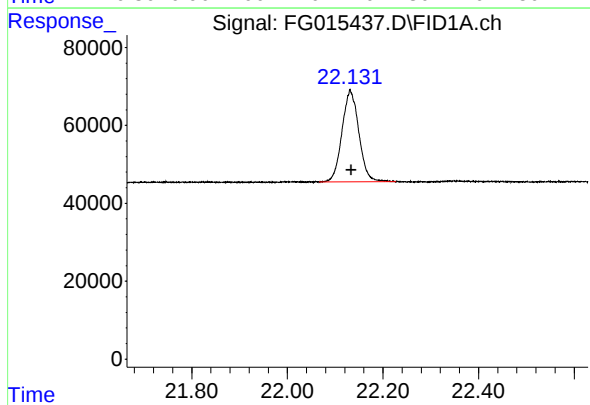
R.T.: 20.458 min
Delta R.T.: -0.001 min
Response: 1109134
Conc: 11.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.204 min
Delta R.T.: -0.002 min
Response: 820132
Conc: 9.19 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166973BS



#18 N-TETRACONTANE

R.T.: 22.131 min
Delta R.T.: -0.003 min
Response: 575108
Conc: 7.01 ug/ml