

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041625\
 Data File : FG015678.D
 Signal(s) : FID1A.ch
 Acq On : 16 Apr 2025 18:40
 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: Apr 17 02:19:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.009	4601706	40.167 ug/ml
Target Compounds			
1) N-OCTANE	1.980	4828327	41.541 ug/ml
2) N-DECANE	4.509	5128050	43.408 ug/ml
3) N-DODECANE	6.692	5264065	43.352 ug/ml
4) N-TETRADECANE	8.528	5361120	42.514 ug/ml
5) N-HEXADECANE	10.142	5373683	41.735 ug/ml
6) N-OCTADECANE	11.590	5432002	41.232 ug/ml
7) N-EICOSANE	12.905	5446984	40.679 ug/ml
8) N-DOCOSANE	14.107	5237042	40.302 ug/ml
10) N-TETRACOSANE	15.214	5182081	40.008 ug/ml
11) N-HEXACOSANE	16.238	5084479	39.949 ug/ml
12) N-OCTACOSANE	17.190	5015071	40.120 ug/ml
13) N-TRIACONTANE	18.079	5115760	40.869 ug/ml
14) N-DOTRIACONTANE	18.913	5179935	43.647 ug/ml
15) N-TETRATRIACONTANE	19.700	5318493	50.955 ug/ml
16) N-HEXATRIACONTANE	20.440	5225082	59.616 ug/ml
17) N-OCTATRIACONTANE	21.184	4541206	60.850 ug/ml
18) N-TETRACONTANE	22.103	3493975	52.749 ug/ml

(f)=RT Delta > 1/2 Window

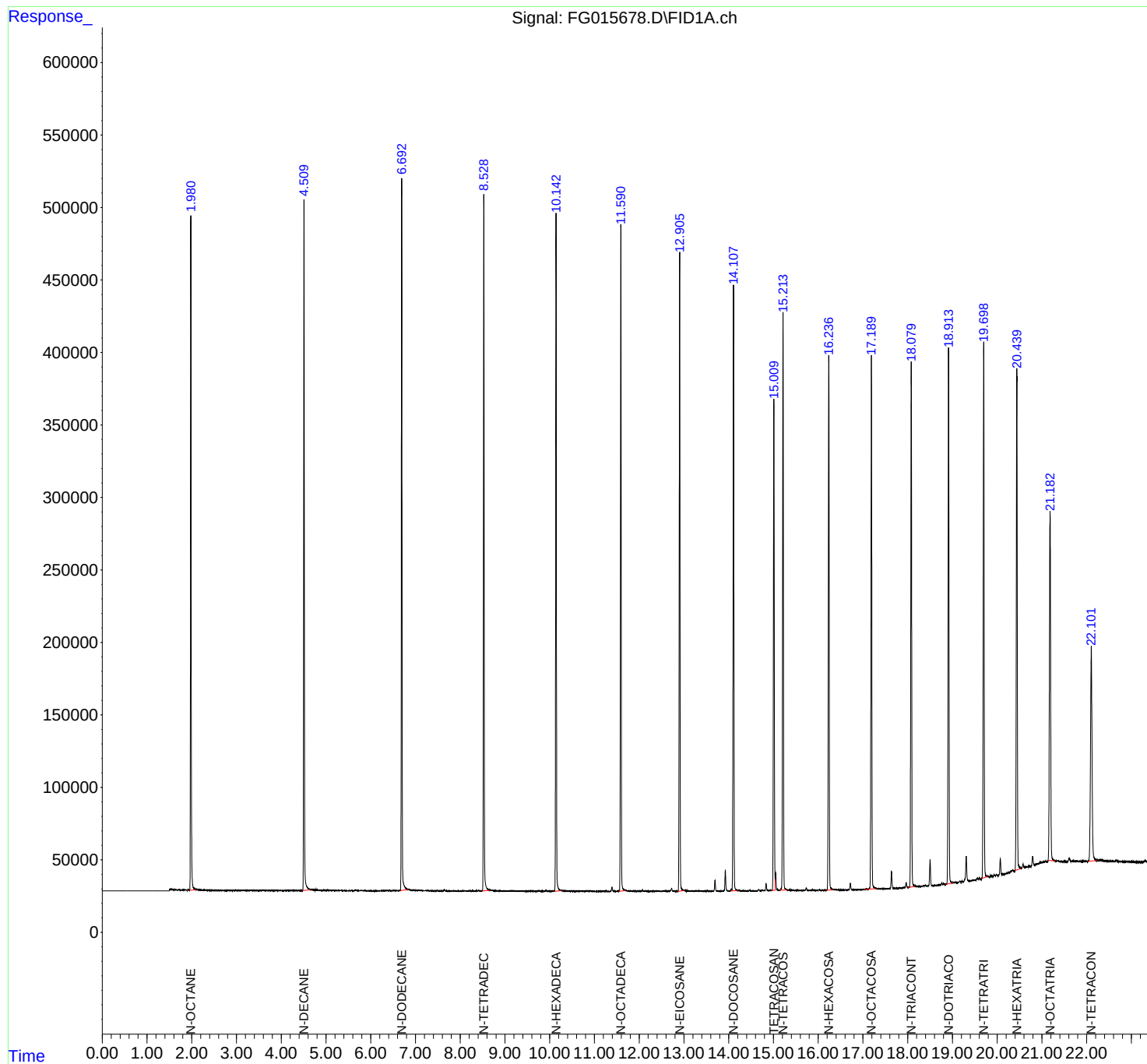
(m)=manual int.

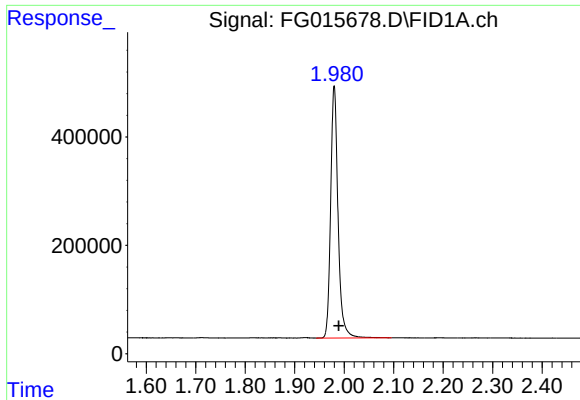
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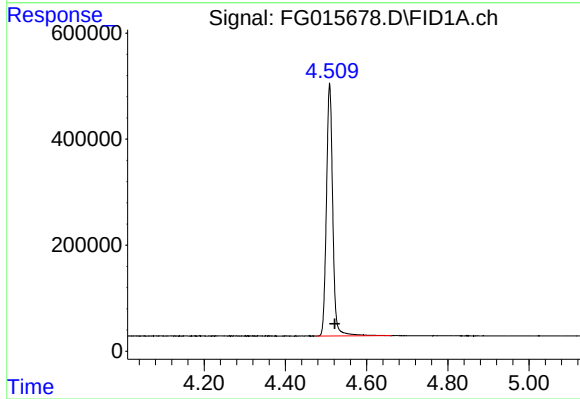




#1 N-OCTANE

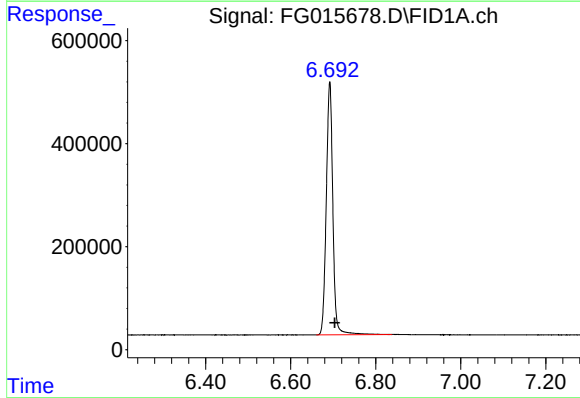
R.T.: 1.980 min
Delta R.T.: -0.009 min
Response: 4828327
Conc: 41.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



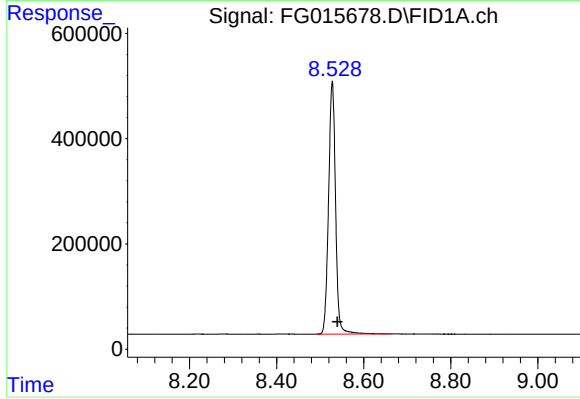
#2 N-DECANE

R.T.: 4.509 min
Delta R.T.: -0.012 min
Response: 5128050
Conc: 43.41 ug/ml



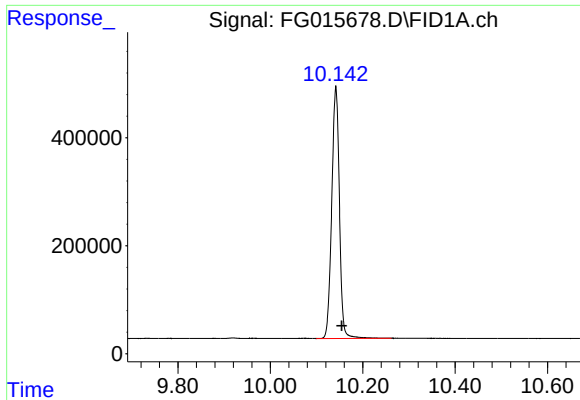
#3 N-DODECANE

R.T.: 6.692 min
Delta R.T.: -0.012 min
Response: 5264065
Conc: 43.35 ug/ml



#4 N-TETRADECANE

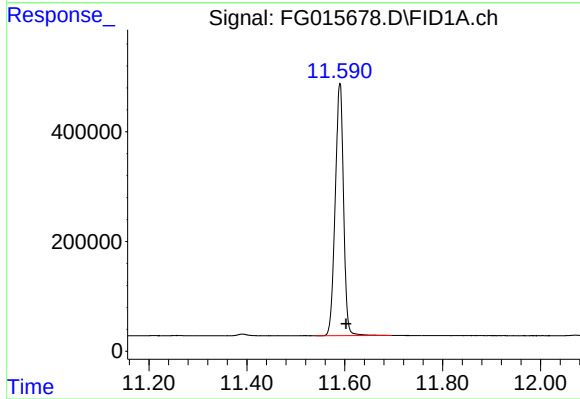
R.T.: 8.528 min
Delta R.T.: -0.012 min
Response: 5361120
Conc: 42.51 ug/ml



#5 N-HEXADECANE

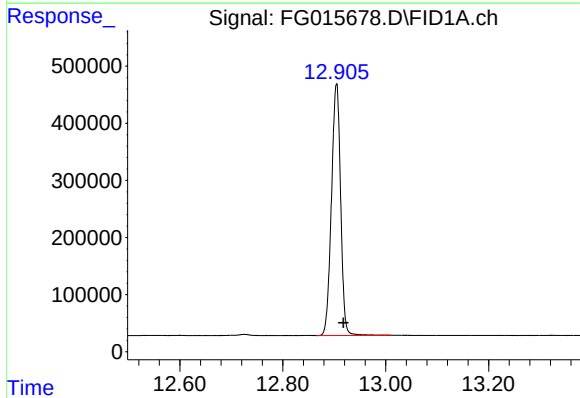
R.T.: 10.142 min
Delta R.T.: -0.013 min
Response: 5373683
Conc: 41.73 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



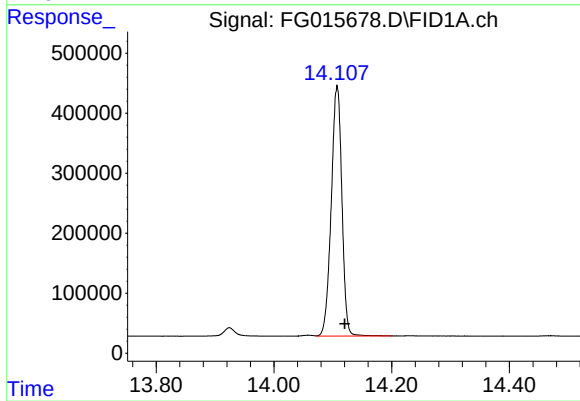
#6 N-OCTADECANE

R.T.: 11.590 min
Delta R.T.: -0.013 min
Response: 5432002
Conc: 41.23 ug/ml



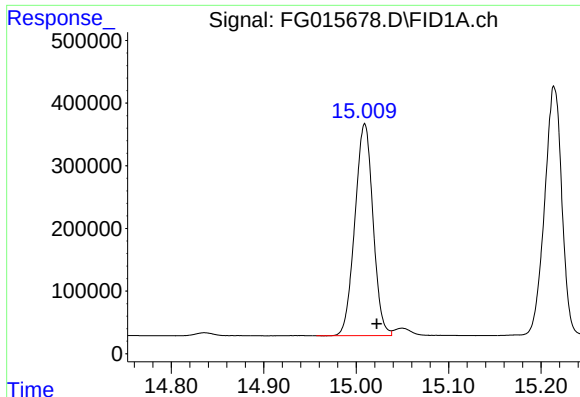
#7 N-EICOSANE

R.T.: 12.905 min
Delta R.T.: -0.013 min
Response: 5446984
Conc: 40.68 ug/ml



#8 N-DOCOSANE

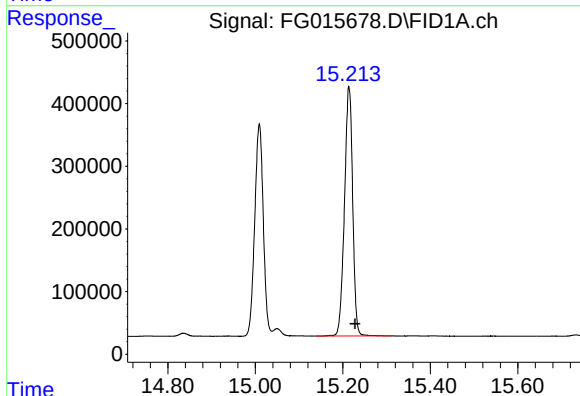
R.T.: 14.107 min
Delta R.T.: -0.013 min
Response: 5237042
Conc: 40.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

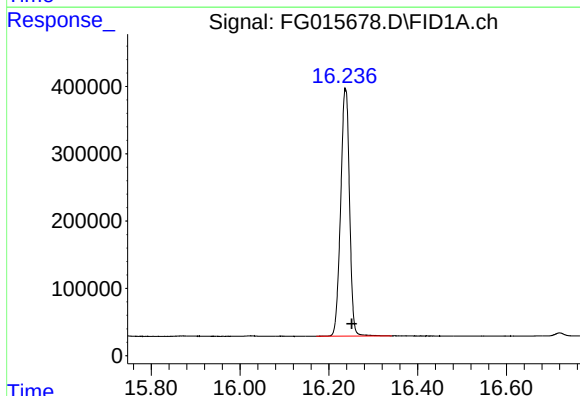
R.T.: 15.009 min
Delta R.T.: -0.013 min
Response: 4601706
Conc: 40.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



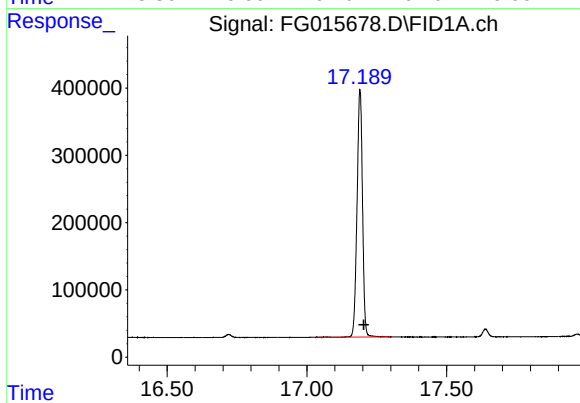
#10 N-TETRACOSANE

R.T.: 15.214 min
Delta R.T.: -0.014 min
Response: 5182081
Conc: 40.01 ug/ml



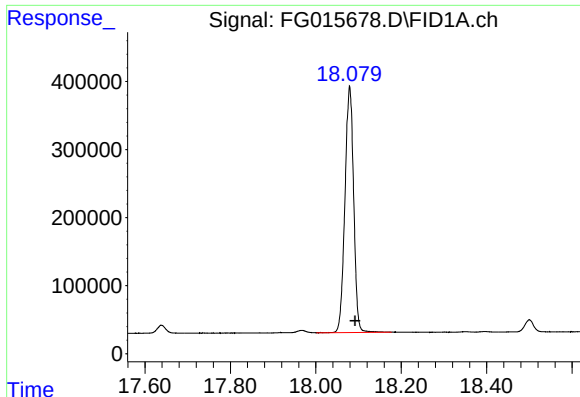
#11 N-HEXACOSANE

R.T.: 16.238 min
Delta R.T.: -0.014 min
Response: 5084479
Conc: 39.95 ug/ml



#12 N-OCTACOSANE

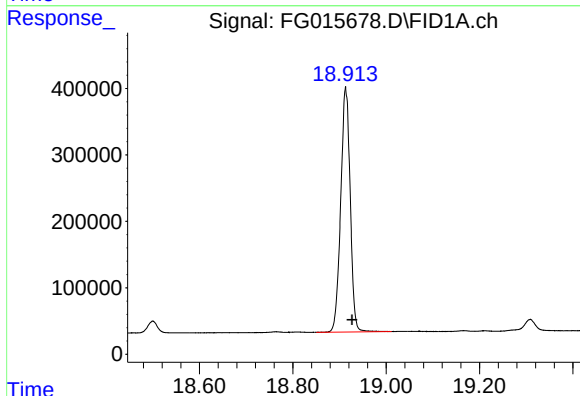
R.T.: 17.190 min
Delta R.T.: -0.014 min
Response: 5015071
Conc: 40.12 ug/ml



#13 N-TRIACONTANE

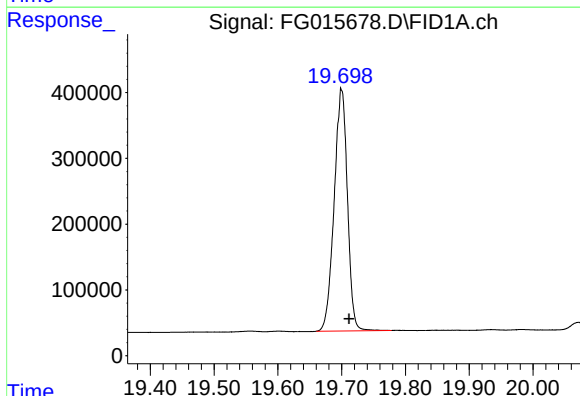
R.T.: 18.079 min
Delta R.T.: -0.013 min
Response: 5115760
Conc: 40.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



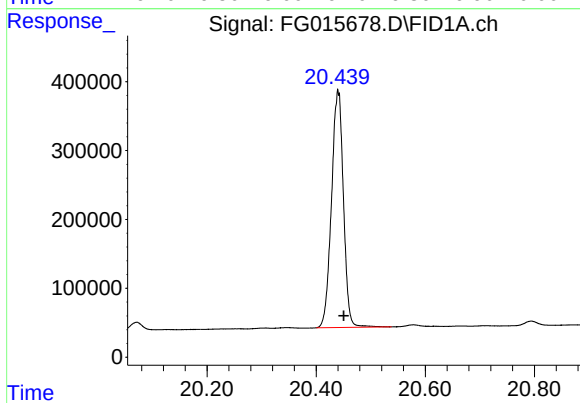
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: -0.014 min
Response: 5179935
Conc: 43.65 ug/ml



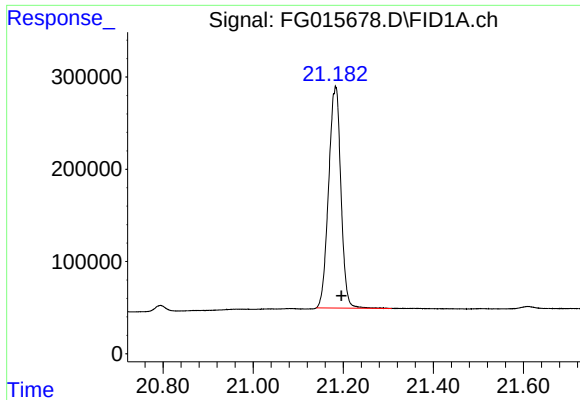
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: -0.011 min
Response: 5318493
Conc: 50.95 ug/ml



#16 N-HEXATRIACONTANE

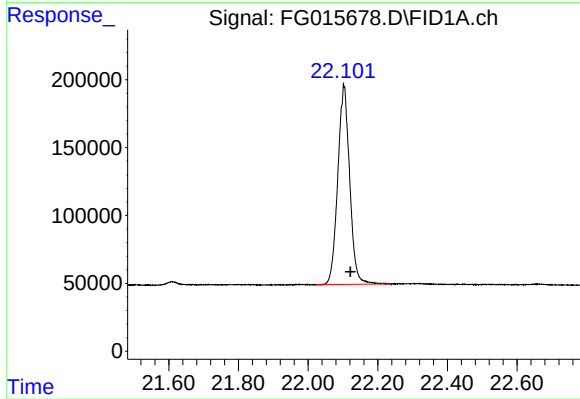
R.T.: 20.440 min
Delta R.T.: -0.010 min
Response: 5225082
Conc: 59.62 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.184 min
Delta R.T.: -0.012 min
Response: 4541206
Conc: 60.85 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.103 min
Delta R.T.: -0.019 min
Response: 3493975
Conc: 52.75 ug/ml