

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122324\
 Data File : FG015022.D
 Signal(s) : FID1A.ch
 Acq On : 23 Dec 2024 14:19
 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: Dec 24 00:28:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG121924.M
 Quant Title :
 QLast Update : Thu Dec 19 16:42:40 2024
 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...	15.063	6127298	45.845 ug/ml
Target Compounds			
1) N-OCTANE	2.016	5939832	48.353 ug/ml
2) N-DECANE	4.554	6269320	49.455 ug/ml
3) N-DODECANE	6.738	6679142	49.811 ug/ml
4) N-TETRADECANE	8.576	6622080	49.338 ug/ml
5) N-HEXADECANE	10.191	6800207	48.524 ug/ml
6) N-OCTADECANE	11.641	7040858	47.682 ug/ml
7) N-EICOSANE	12.957	6890155	46.903 ug/ml
8) N-DOCOSANE	14.160	6774569	46.058 ug/ml
10) N-TETRACOSANE	15.269	6707161	45.319 ug/ml
11) N-HEXACOSANE	16.293	6548009	44.598 ug/ml
12) N-OCTACOSANE	17.245	6389105	43.630 ug/ml
13) N-TRIACONTANE	18.135	6283307	42.613 ug/ml
14) N-DOTRIACONTANE	18.969	6085363	42.170 ug/ml
15) N-TETRATRIACONTANE	19.754	5520335	42.497 ug/ml
16) N-HEXATRIACONTANE	20.497	4832523	43.276 ug/ml
17) N-OCTATRIACONTANE	21.249	4486795	43.869 ug/ml
18) N-TETRACONTANE	22.196	4429725	46.209 ug/ml

(f)=RT Delta > 1/2 Window

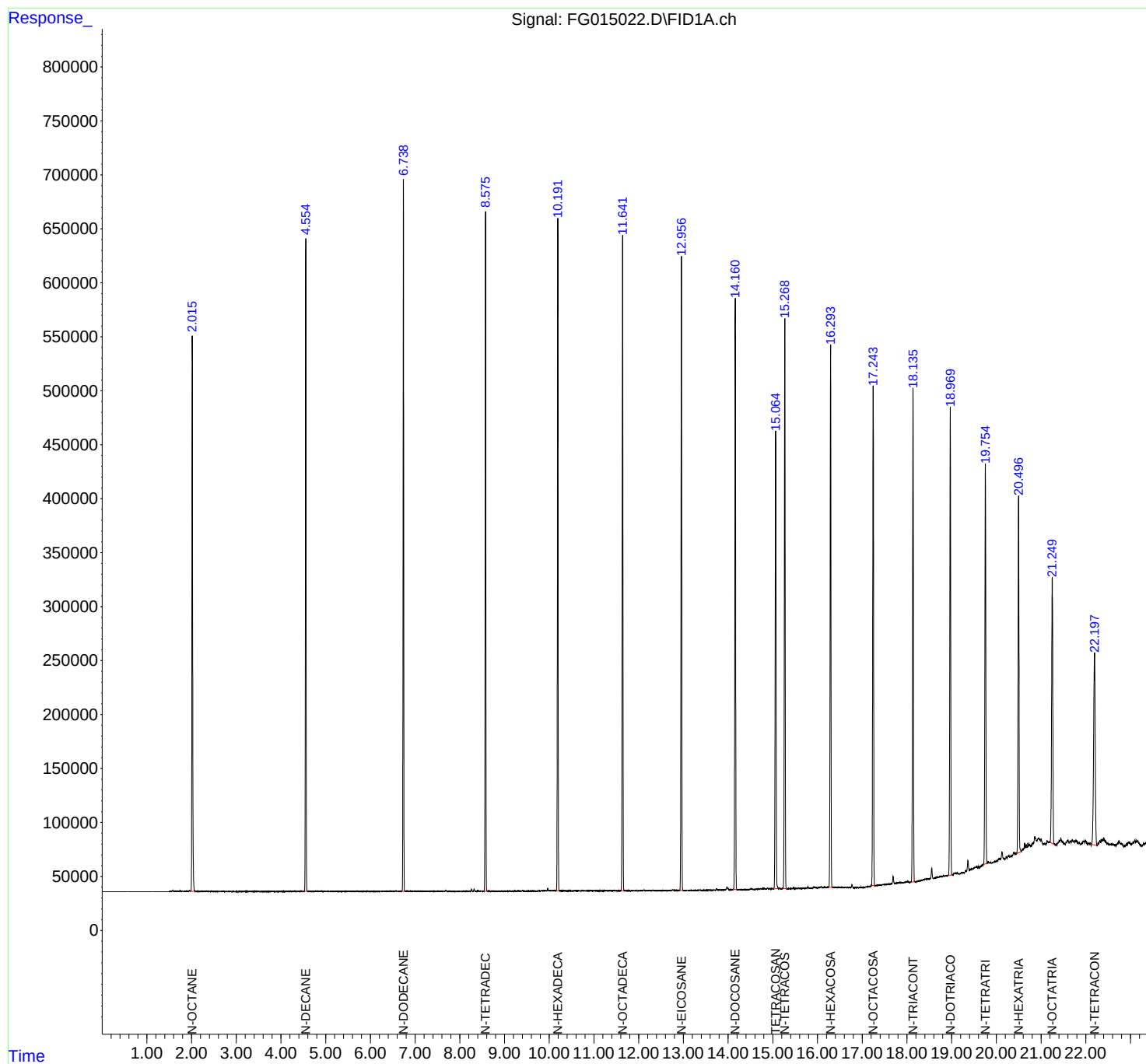
(m)=manual int.

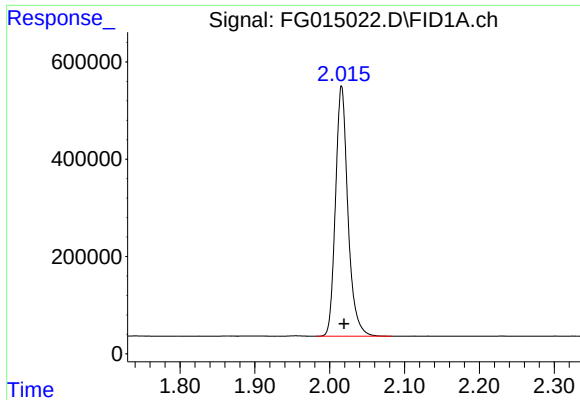
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

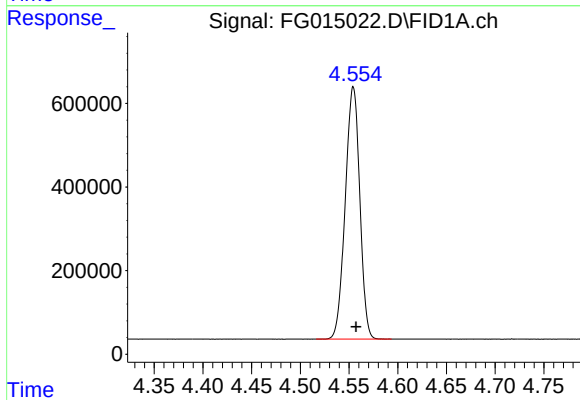




#1 N-OCTANE

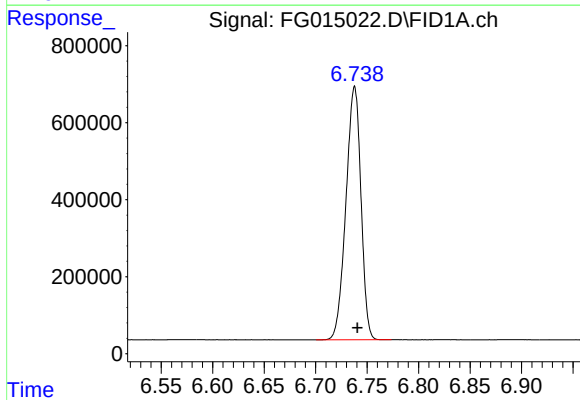
R.T.: 2.016 min
Delta R.T.: -0.003 min
Response: 5939832
Conc: 48.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



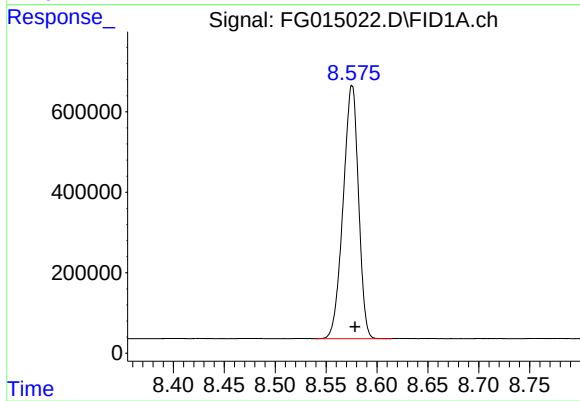
#2 N-DECANE

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 6269320
Conc: 49.46 ug/ml



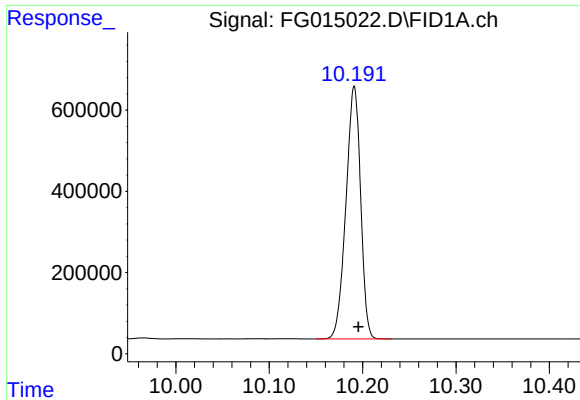
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 6679142
Conc: 49.81 ug/ml



#4 N-TETRADECANE

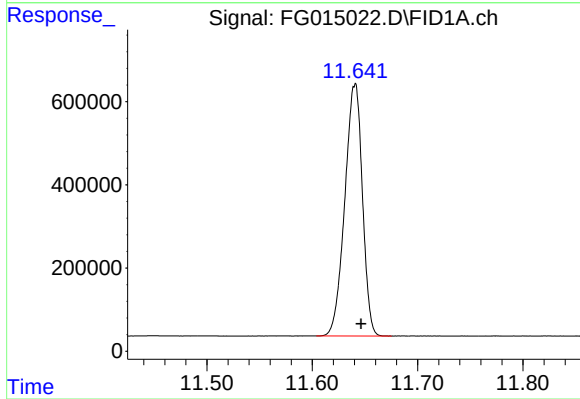
R.T.: 8.576 min
Delta R.T.: -0.003 min
Response: 6622080
Conc: 49.34 ug/ml



#5 N-HEXADECANE

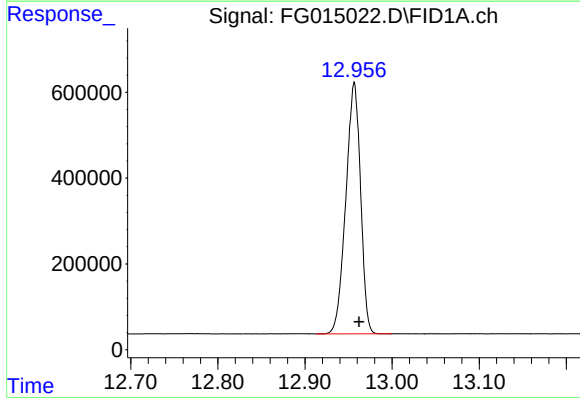
R.T.: 10.191 min
Delta R.T.: -0.004 min
Response: 6800207
Conc: 48.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



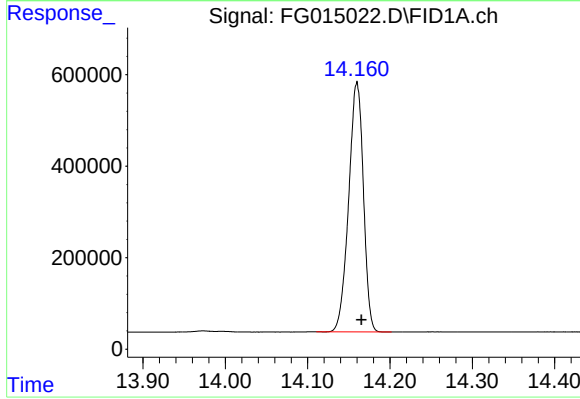
#6 N-OCTADECANE

R.T.: 11.641 min
Delta R.T.: -0.006 min
Response: 7040858
Conc: 47.68 ug/ml



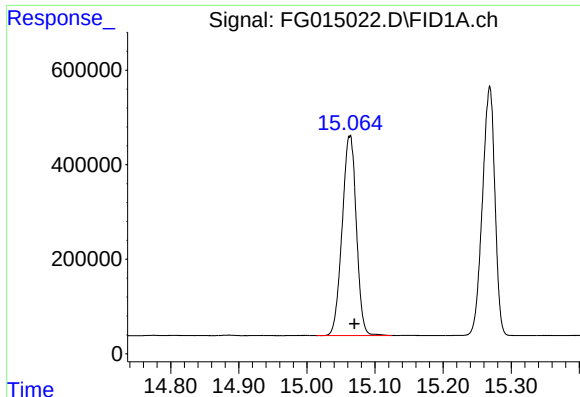
#7 N-EICOSANE

R.T.: 12.957 min
Delta R.T.: -0.006 min
Response: 6890155
Conc: 46.90 ug/ml



#8 N-DOCOSANE

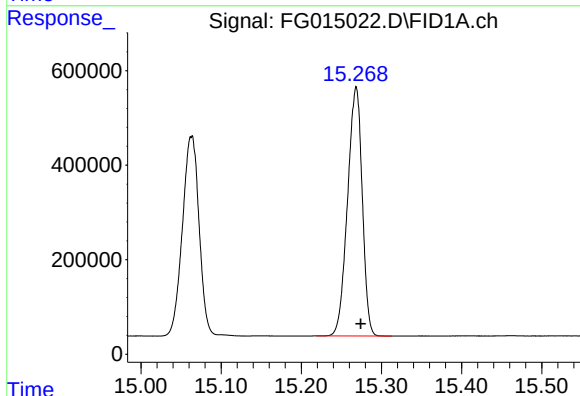
R.T.: 14.160 min
Delta R.T.: -0.006 min
Response: 6774569
Conc: 46.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

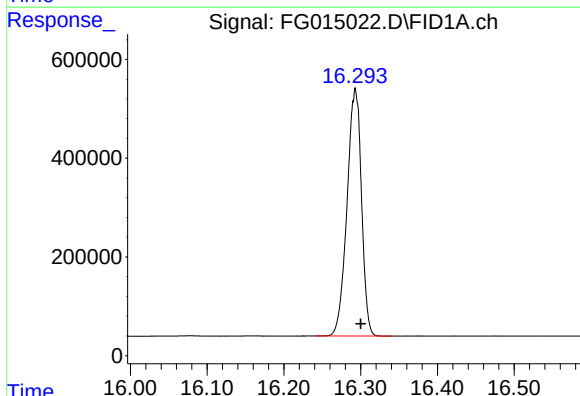
R.T.: 15.063 min
Delta R.T.: -0.007 min
Response: 6127298
Conc: 45.84 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



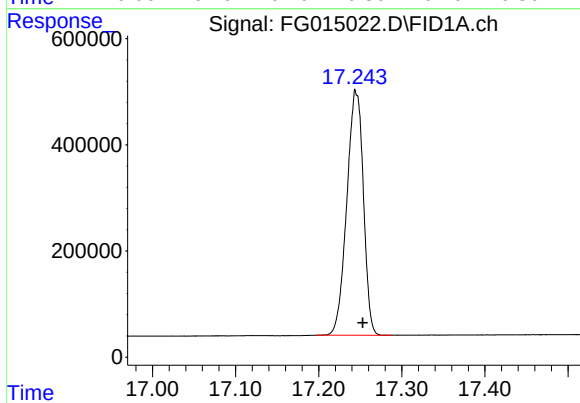
#10 N-TETRACOSANE

R.T.: 15.269 min
Delta R.T.: -0.005 min
Response: 6707161
Conc: 45.32 ug/ml



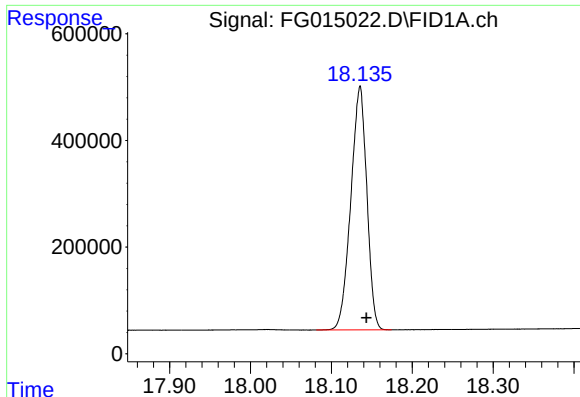
#11 N-HEXACOSANE

R.T.: 16.293 min
Delta R.T.: -0.007 min
Response: 6548009
Conc: 44.60 ug/ml



#12 N-OCTACOSANE

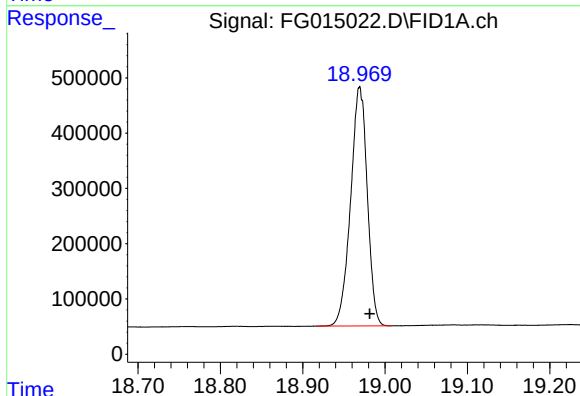
R.T.: 17.245 min
Delta R.T.: -0.008 min
Response: 6389105
Conc: 43.63 ug/ml



#13 N-TRIACONTANE

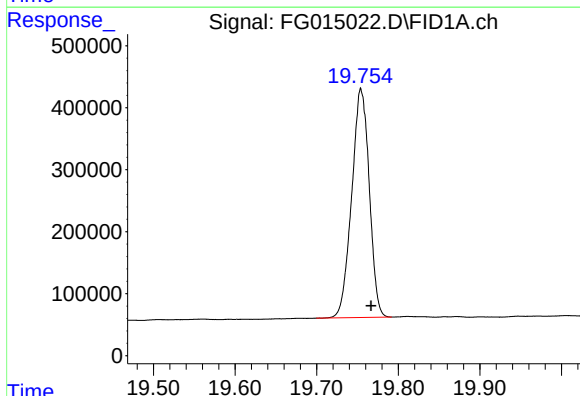
R.T.: 18.135 min
Delta R.T.: -0.008 min
Response: 6283307
Conc: 42.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



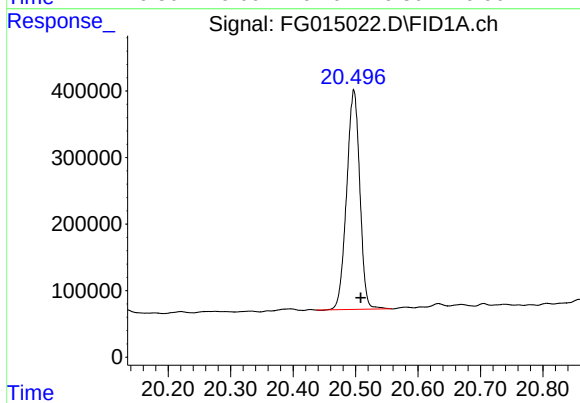
#14 N-DOTRIACONTANE

R.T.: 18.969 min
Delta R.T.: -0.013 min
Response: 6085363
Conc: 42.17 ug/ml



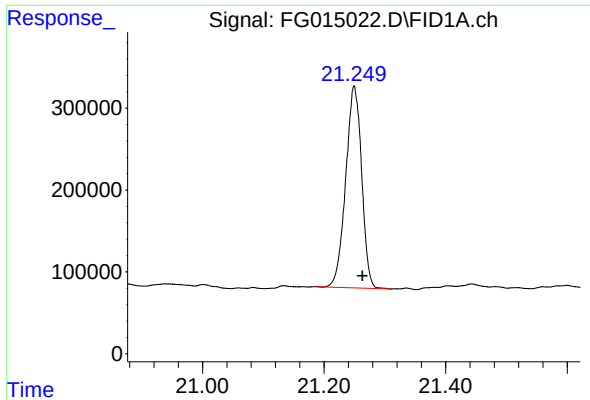
#15 N-TETRATRIACONTANE

R.T.: 19.754 min
Delta R.T.: -0.013 min
Response: 5520335
Conc: 42.50 ug/ml



#16 N-HEXATRIACONTANE

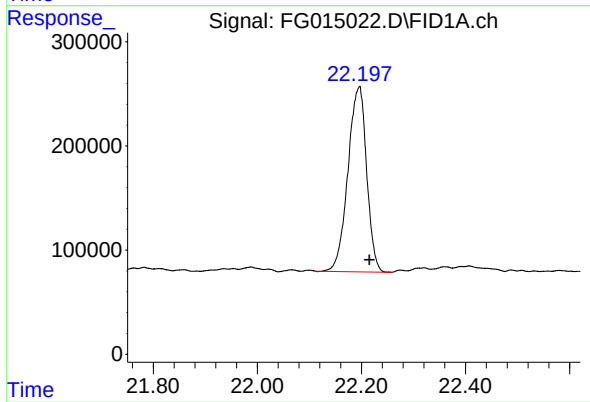
R.T.: 20.497 min
Delta R.T.: -0.011 min
Response: 4832523
Conc: 43.28 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.249 min
Delta R.T.: -0.014 min
Response: 4486795
Conc: 43.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.196 min
Delta R.T.: -0.020 min
Response: 4429725
Conc: 46.21 ug/ml