

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015135.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jan 2025 15:07
 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: Jan 24 04:12:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Mon Jan 13 11:52:01 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...	15.051	7666482	59.767 ug/ml
Target Compounds			
1) N-OCTANE	2.011	7511042	61.555 ug/ml
2) N-DECANE	4.545	8111774	62.798 ug/ml
3) N-DODECANE	6.727	8607368	63.179 ug/ml
4) N-TETRADECANE	8.564	8578513	62.678 ug/ml
5) N-HEXADECANE	10.179	8826367	62.549 ug/ml
6) N-OCTADECANE	11.629	9135455	62.278 ug/ml
7) N-EICOSANE	12.945	8940352	61.494 ug/ml
8) N-DOCOSANE	14.149	8824155	61.508 ug/ml
10) N-TETRACOSANE	15.256	8683489	60.798 ug/ml
11) N-HEXACOSANE	16.281	8492987	60.302 ug/ml
12) N-OCTACOSANE	17.234	8294731	59.234 ug/ml
13) N-TRIACONTANE	18.123	8170802	57.432 ug/ml
14) N-DOTRIACONTANE	18.960	7800257	56.123 ug/ml
15) N-TETRATRIACONTANE	19.744	6690072	53.394 ug/ml
16) N-HEXATRIACONTANE	20.485	5357343	49.577 ug/ml
17) N-OCTATRIACONTANE	21.237	4601367	46.648 ug/ml
18) N-TETRACONTANE	22.176	4257619	45.856 ug/ml

(f)=RT Delta > 1/2 Window

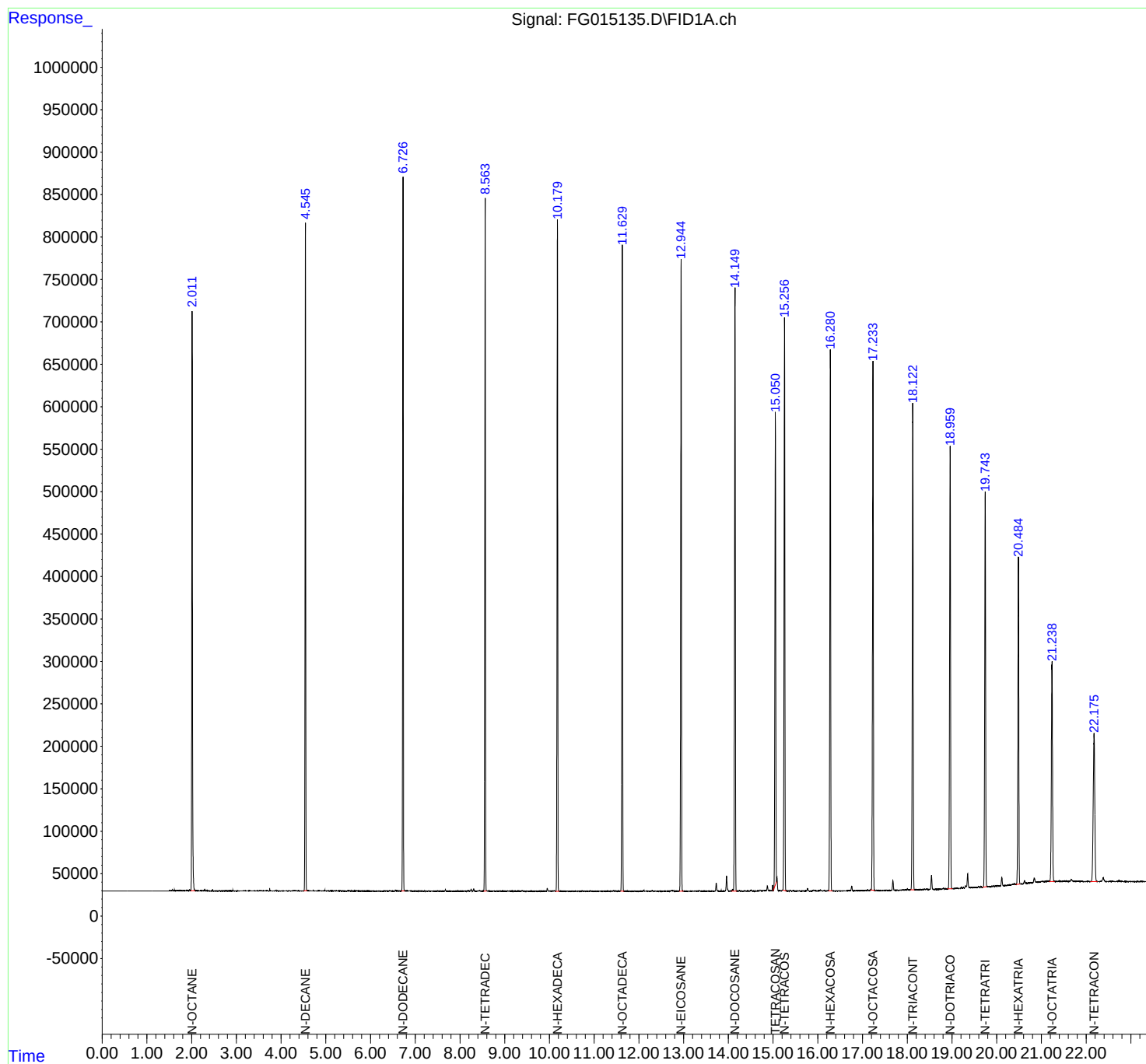
(m)=manual int.

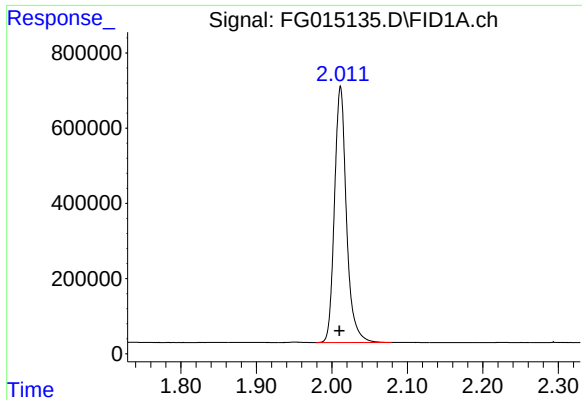
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Signal Info : 20mx0.18mmx0.18um

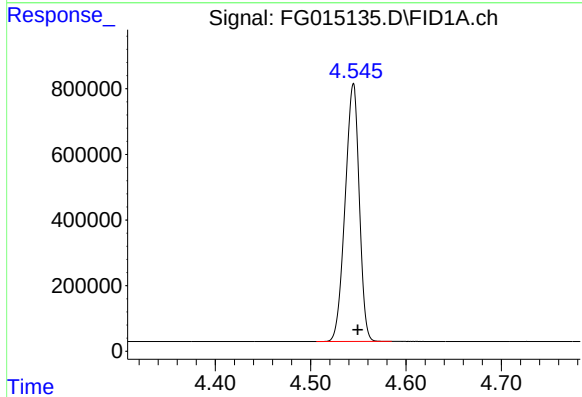




#1 N-OCTANE

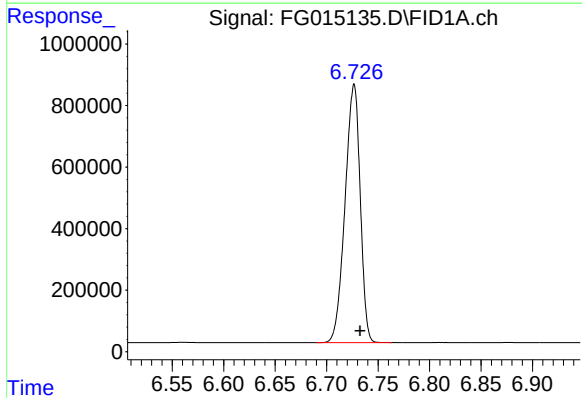
R.T.: 2.011 min
Delta R.T.: 0.002 min
Response: 7511042
Conc: 61.55 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



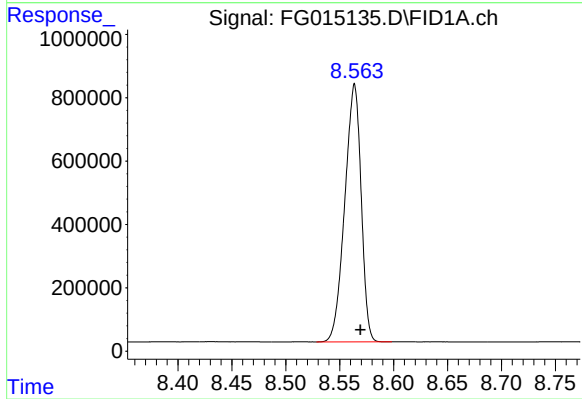
#2 N-DECANE

R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 8111774
Conc: 62.80 ug/ml



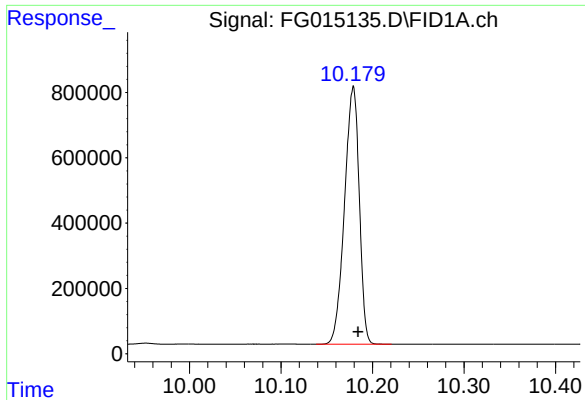
#3 N-DODECANE

R.T.: 6.727 min
Delta R.T.: -0.006 min
Response: 8607368
Conc: 63.18 ug/ml



#4 N-TETRADECANE

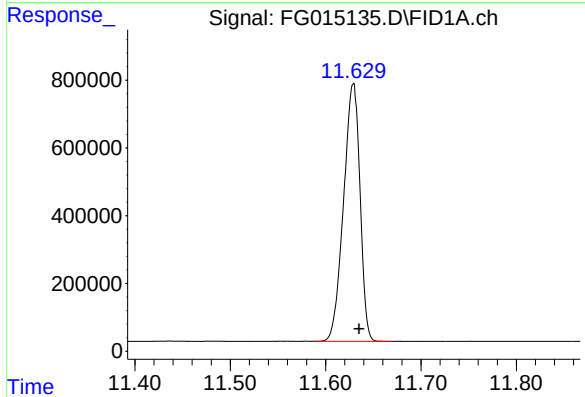
R.T.: 8.564 min
Delta R.T.: -0.005 min
Response: 8578513
Conc: 62.68 ug/ml



#5 N-HEXADECANE

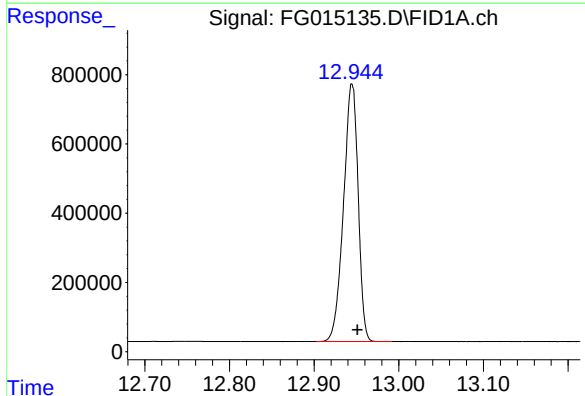
R.T.: 10.179 min
Delta R.T.: -0.005 min
Response: 8826367
Conc: 62.55 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



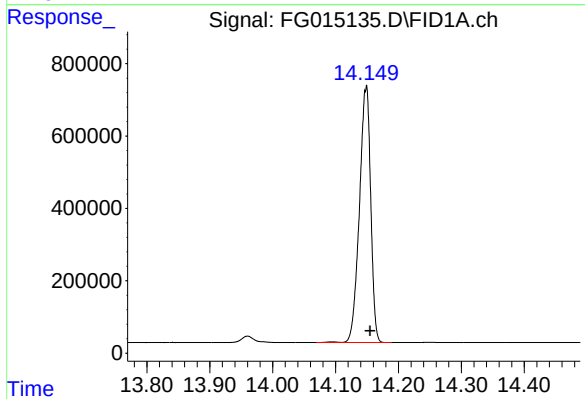
#6 N-OCTADECANE

R.T.: 11.629 min
Delta R.T.: -0.006 min
Response: 9135455
Conc: 62.28 ug/ml



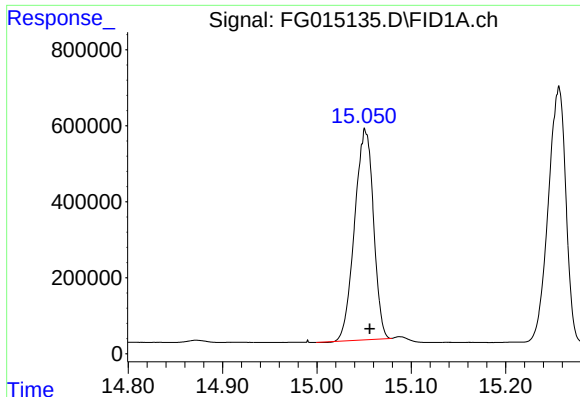
#7 N-EICOSANE

R.T.: 12.945 min
Delta R.T.: -0.006 min
Response: 8940352
Conc: 61.49 ug/ml



#8 N-DOCOSANE

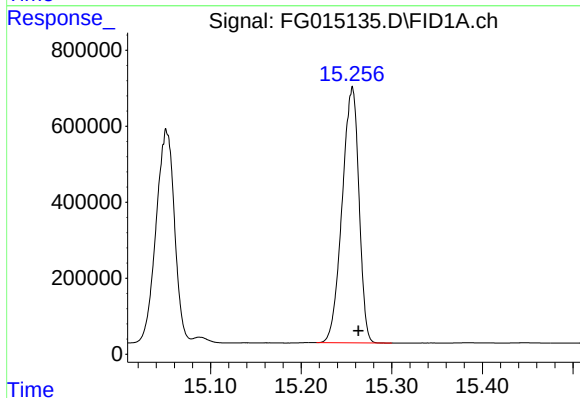
R.T.: 14.149 min
Delta R.T.: -0.006 min
Response: 8824155
Conc: 61.51 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

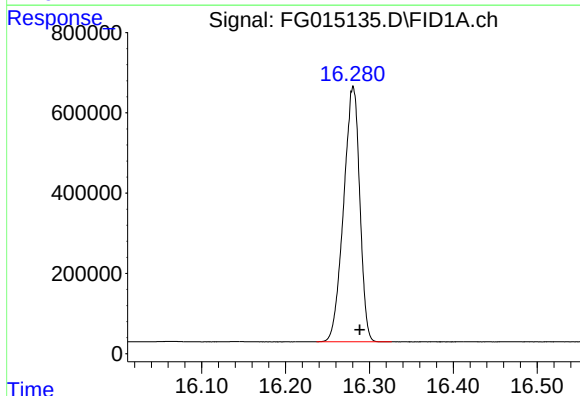
R.T.: 15.051 min
Delta R.T.: -0.005 min
Response: 7666482
Conc: 59.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



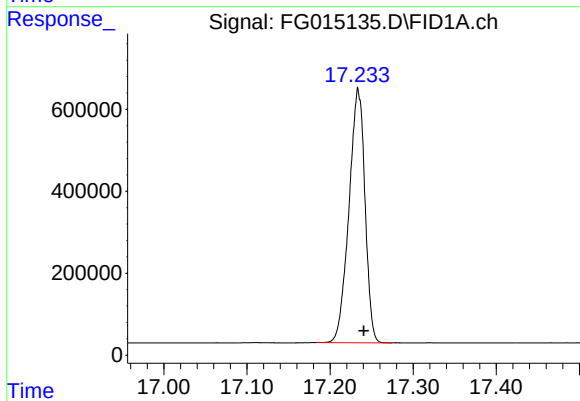
#10 N-TETRACOSANE

R.T.: 15.256 min
Delta R.T.: -0.007 min
Response: 8683489
Conc: 60.80 ug/ml



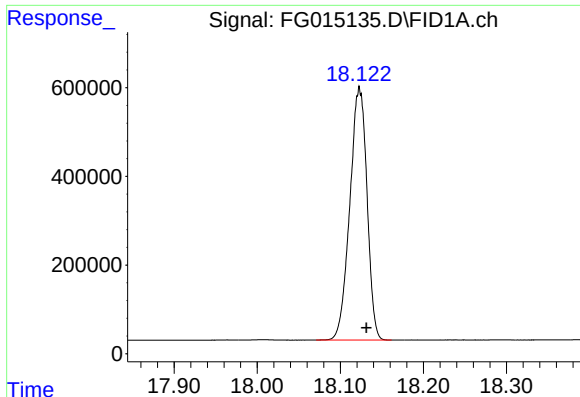
#11 N-HEXACOSANE

R.T.: 16.281 min
Delta R.T.: -0.008 min
Response: 8492987
Conc: 60.30 ug/ml



#12 N-OCTACOSANE

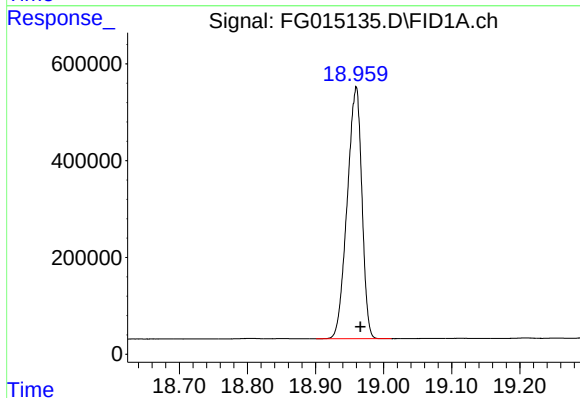
R.T.: 17.234 min
Delta R.T.: -0.007 min
Response: 8294731
Conc: 59.23 ug/ml



#13 N-TRIACONTANE

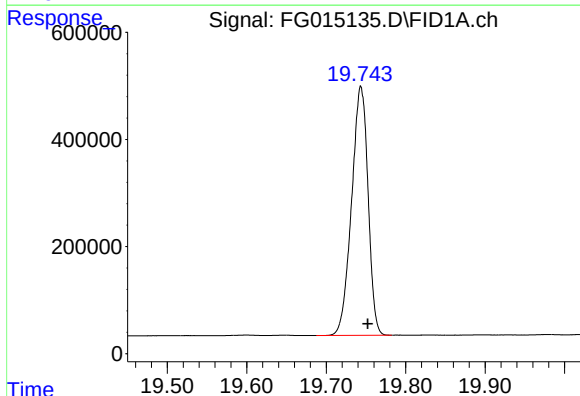
R.T.: 18.123 min
Delta R.T.: -0.009 min
Response: 8170802
Conc: 57.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



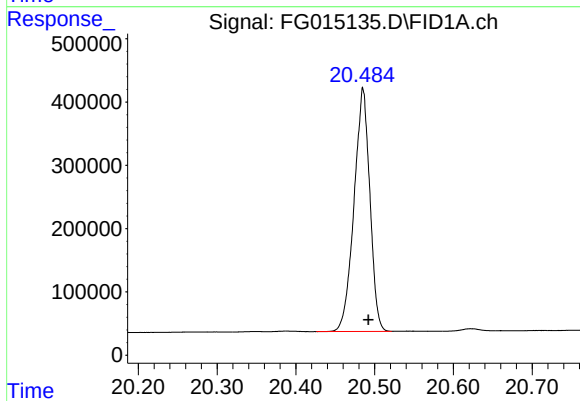
#14 N-DOTRIACONTANE

R.T.: 18.960 min
Delta R.T.: -0.006 min
Response: 7800257
Conc: 56.12 ug/ml



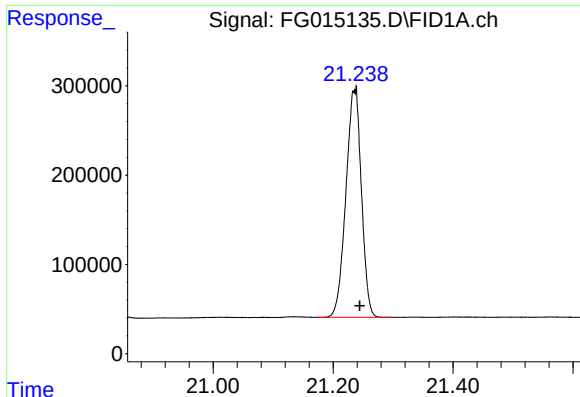
#15 N-TETRATRIACONTANE

R.T.: 19.744 min
Delta R.T.: -0.009 min
Response: 6690072
Conc: 53.39 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.485 min
Delta R.T.: -0.007 min
Response: 5357343
Conc: 49.58 ug/ml



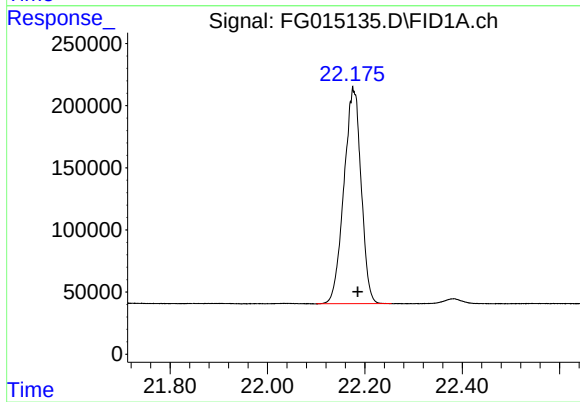
#17 N-OCTATRIACONTANE

R.T.: 21.237 min
Delta R.T.: -0.008 min
Response: 4601367
Conc: 46.65 ug/ml

Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.176 min
Delta R.T.: -0.009 min
Response: 4257619
Conc: 45.86 ug/ml