

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050725\
 Data File : FG015797.D
 Signal(s) : FID1A.ch
 Acq On : 07 May 2025 18:38
 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: May 08 06:40:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	15.008	4952139	42.061 ug/ml
Target Compounds			
1) N-OCTANE	1.974	4694615	41.657 ug/ml
2) N-DECANE	4.504	5242101	47.085 ug/ml
3) N-DODECANE	6.687	5459387	47.638 ug/ml
4) N-TETRADECANE	8.524	5593086	46.158 ug/ml
5) N-HEXADECANE	10.139	5683505	45.272 ug/ml
6) N-OCTADECANE	11.587	5804210	44.289 ug/ml
7) N-EICOSANE	12.903	5857170	43.202 ug/ml
8) N-DOCOSANE	14.106	5662842	42.697 ug/ml
10) N-TETRACOSANE	15.213	5637550	42.424 ug/ml
11) N-HEXACOSANE	16.238	5541001	41.781 ug/ml
12) N-OCTACOSANE	17.191	5518302	41.858 ug/ml
13) N-TRIACONTANE	18.081	5705536	42.796 ug/ml
14) N-DOTRIACONTANE	18.916	5814824	44.109 ug/ml
15) N-TETRATRIACONTANE	19.702	6117915	50.588 ug/ml
16) N-HEXATRIACONTANE	20.444	6362505	59.342 ug/ml
17) N-OCTATRIACONTANE	21.188	6667207	69.213 ug/ml
18) N-TETRACONTANE	22.114	6730124	75.581 ug/ml

(f)=RT Delta > 1/2 Window

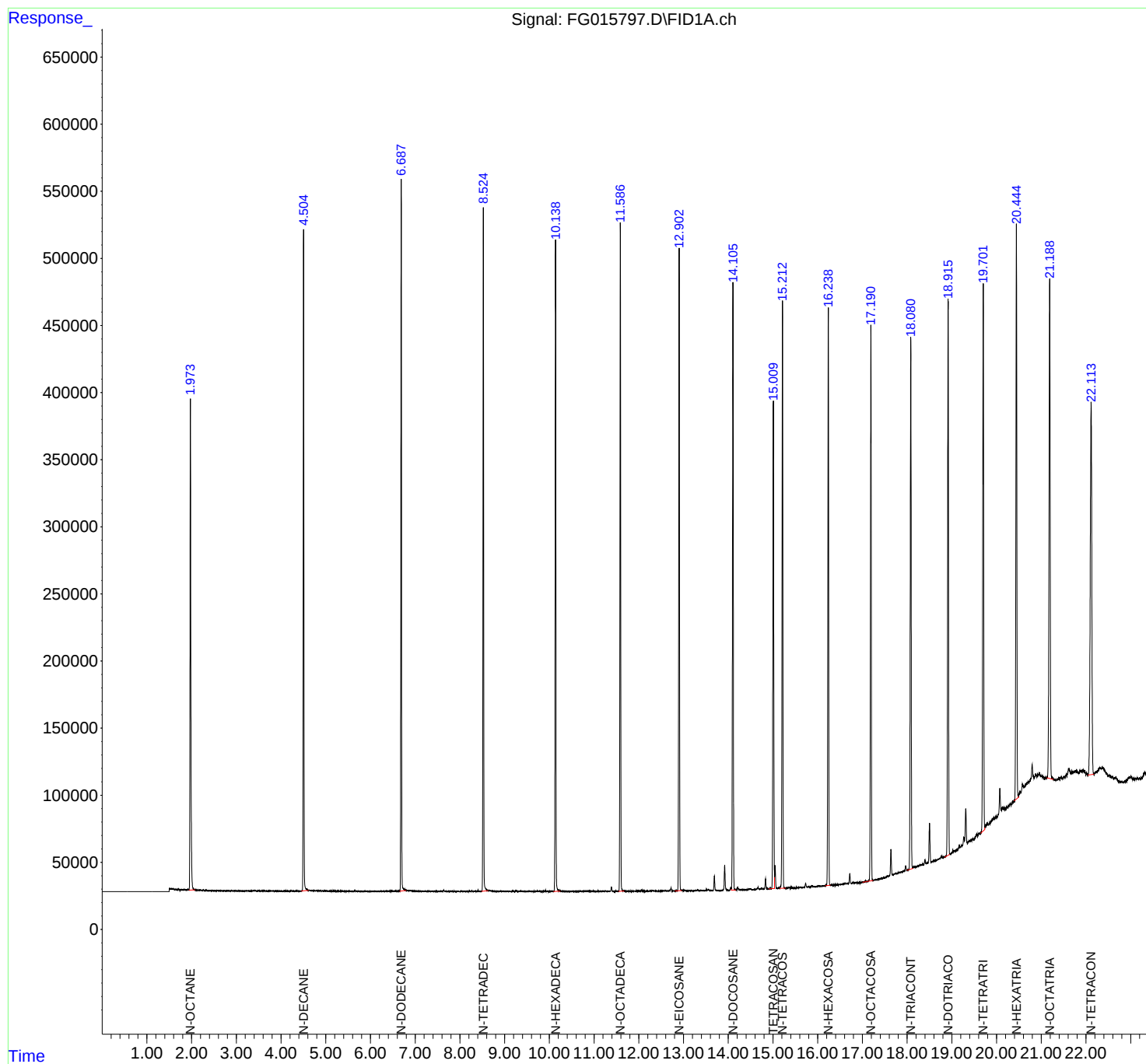
(m)=manual int.

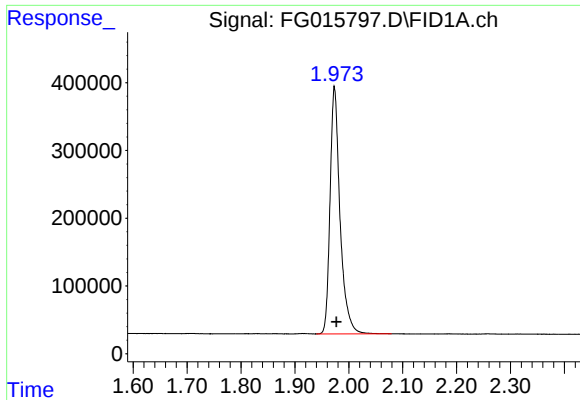
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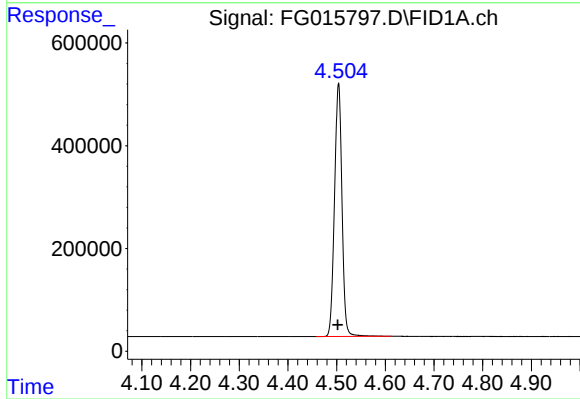




#1 N-OCTANE

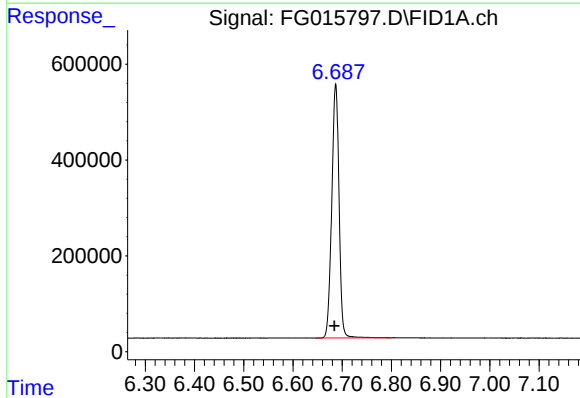
R.T.: 1.974 min
Delta R.T.: -0.003 min
Response: 4694615
Conc: 41.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



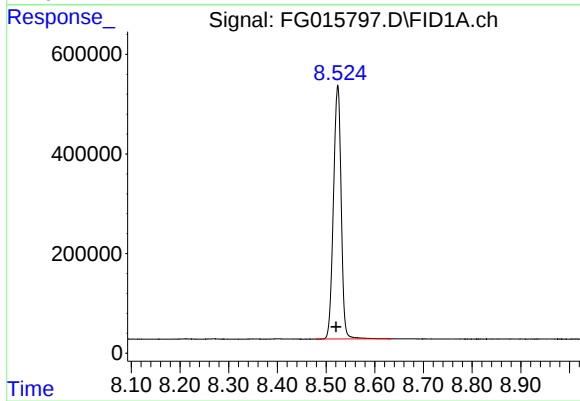
#2 N-DECANE

R.T.: 4.504 min
Delta R.T.: 0.001 min
Response: 5242101
Conc: 47.08 ug/ml



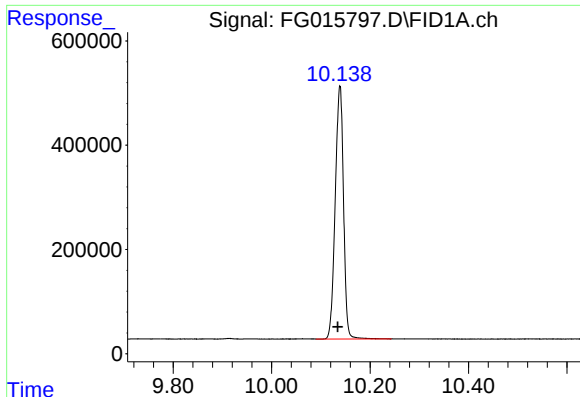
#3 N-DODECANE

R.T.: 6.687 min
Delta R.T.: 0.003 min
Response: 5459387
Conc: 47.64 ug/ml



#4 N-TETRADECANE

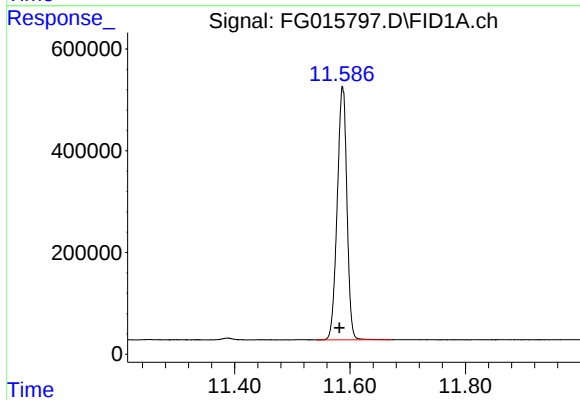
R.T.: 8.524 min
Delta R.T.: 0.004 min
Response: 5593086
Conc: 46.16 ug/ml



#5 N-HEXADECANE

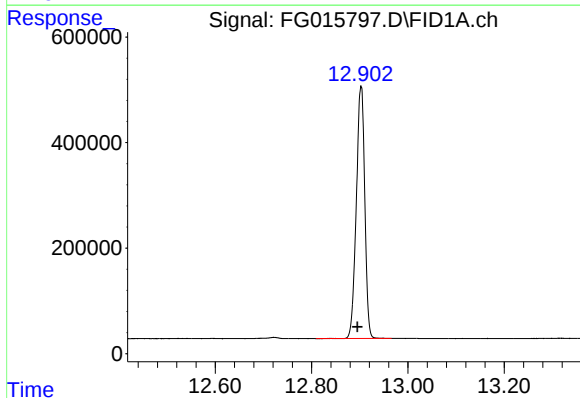
R.T.: 10.139 min
Delta R.T.: 0.004 min
Response: 5683505
Conc: 45.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



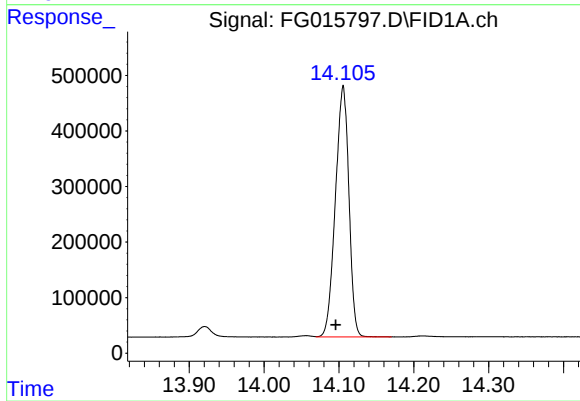
#6 N-OCTADECANE

R.T.: 11.587 min
Delta R.T.: 0.006 min
Response: 5804210
Conc: 44.29 ug/ml



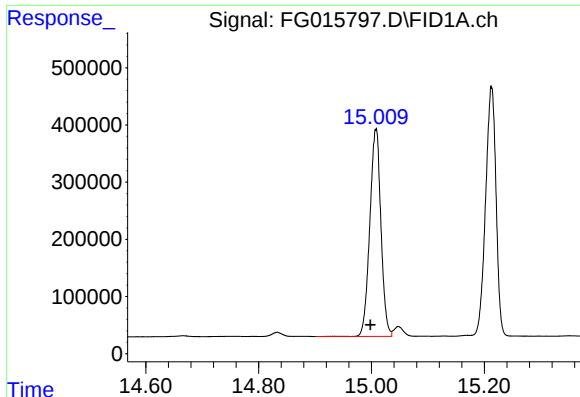
#7 N-EICOSANE

R.T.: 12.903 min
Delta R.T.: 0.008 min
Response: 5857170
Conc: 43.20 ug/ml



#8 N-DOCOSANE

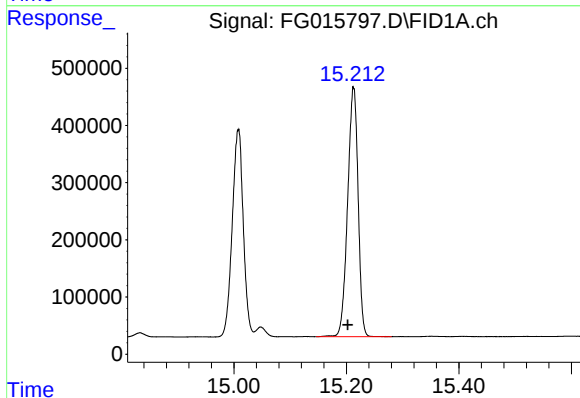
R.T.: 14.106 min
Delta R.T.: 0.010 min
Response: 5662842
Conc: 42.70 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

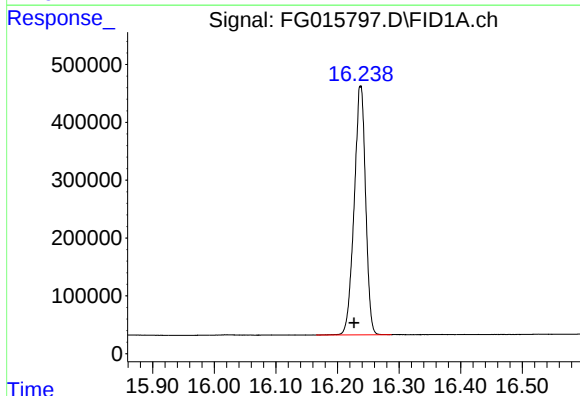
R.T.: 15.008 min
Delta R.T.: 0.010 min
Response: 4952139
Conc: 42.06 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



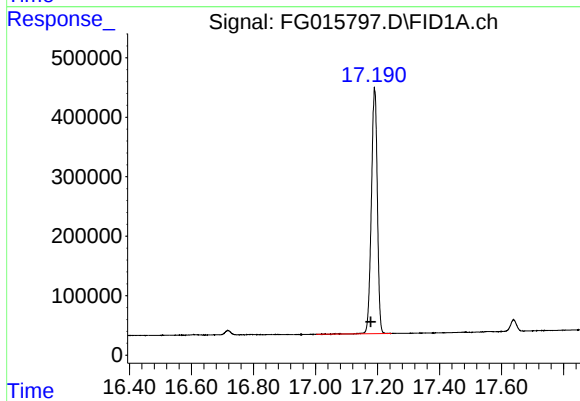
#10 N-TETRACOSANE

R.T.: 15.213 min
Delta R.T.: 0.011 min
Response: 5637550
Conc: 42.42 ug/ml



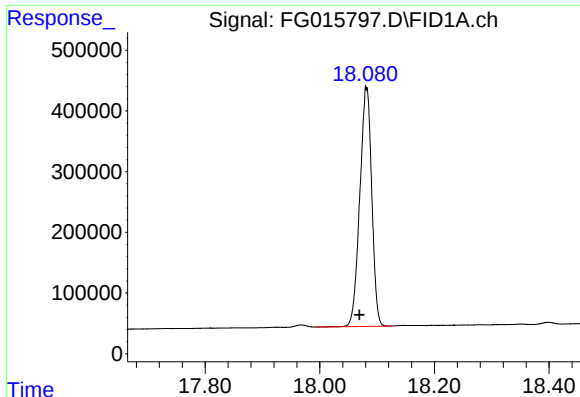
#11 N-HEXACOSANE

R.T.: 16.238 min
Delta R.T.: 0.011 min
Response: 5541001
Conc: 41.78 ug/ml



#12 N-OCTACOSANE

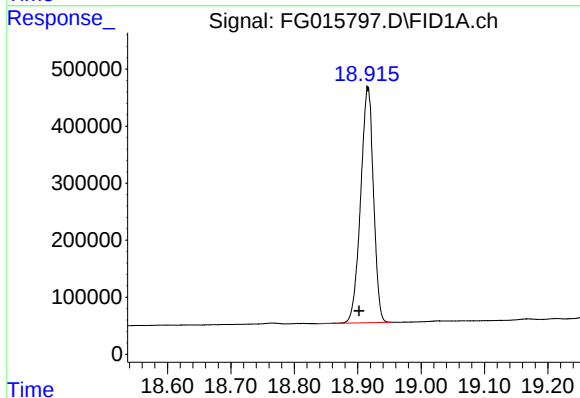
R.T.: 17.191 min
Delta R.T.: 0.012 min
Response: 5518302
Conc: 41.86 ug/ml



#13 N-TRIACONTANE

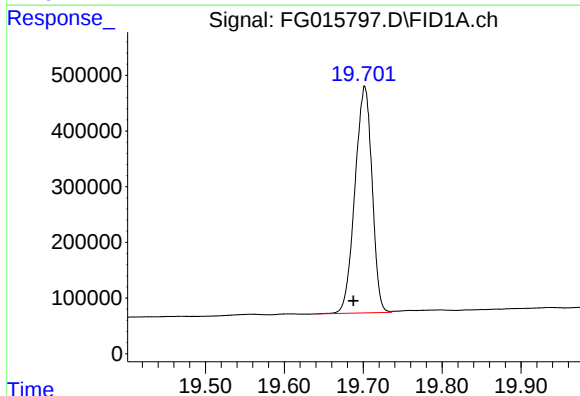
R.T.: 18.081 min
Delta R.T.: 0.012 min
Response: 5705536
Conc: 42.80 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



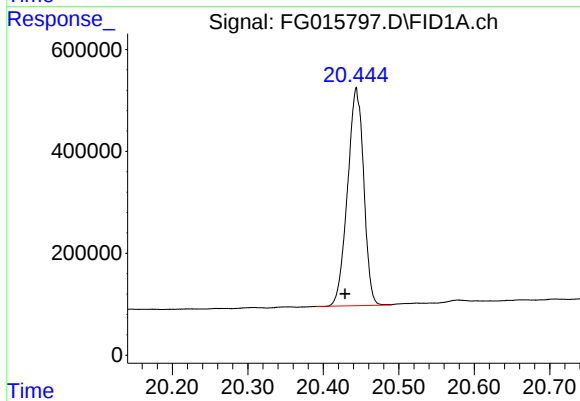
#14 N-DOTRIACONTANE

R.T.: 18.916 min
Delta R.T.: 0.014 min
Response: 5814824
Conc: 44.11 ug/ml



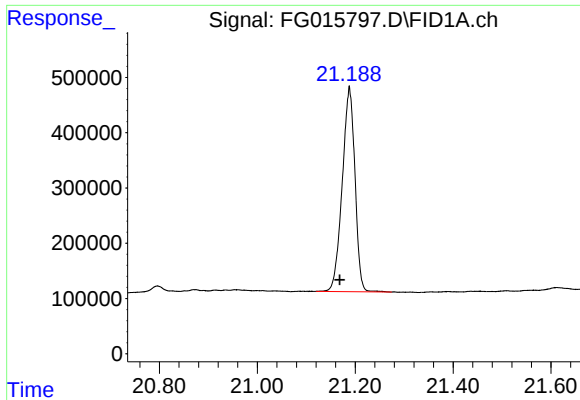
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: 0.014 min
Response: 6117915
Conc: 50.59 ug/ml



#16 N-HEXATRIACONTANE

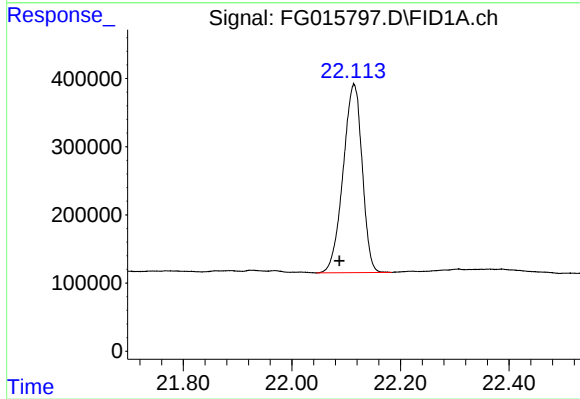
R.T.: 20.444 min
Delta R.T.: 0.015 min
Response: 6362505
Conc: 59.34 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: 0.020 min
Response: 6667207
Conc: 69.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.114 min
Delta R.T.: 0.027 min
Response: 6730124
Conc: 75.58 ug/ml