

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015662.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 17:57
 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: Apr 09 00:31:22 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...	15.017	5978921	52.188 ug/ml
Target Compounds			
1) N-OCTANE	1.981	5549301	47.744 ug/ml
2) N-DECANE	4.514	6015195	50.918 ug/ml
3) N-DODECANE	6.697	6296222	51.852 ug/ml
4) N-TETRADECANE	8.533	6362102	50.452 ug/ml
5) N-HEXADECANE	10.148	6533360	50.742 ug/ml
6) N-OCTADECANE	11.597	6734215	51.117 ug/ml
7) N-EICOSANE	12.912	6719659	50.184 ug/ml
8) N-DOCOSANE	14.115	6586614	50.687 ug/ml
10) N-TETRACOSANE	15.222	6571504	50.735 ug/ml
11) N-HEXACOSANE	16.247	6410246	50.365 ug/ml
12) N-OCTACOSANE	17.200	6300013	50.399 ug/ml
13) N-TRIACONTANE	18.089	6266598	50.063 ug/ml
14) N-DOTRIACONTANE	18.924	5917139	49.859 ug/ml
15) N-TETRATRIACONTANE	19.708	5004017	47.942 ug/ml
16) N-HEXATRIACONTANE	20.448	3963370	45.220 ug/ml
17) N-OCTATRIACONTANE	21.191	3411755	45.716 ug/ml
18) N-TETRACONTANE	22.118	3147870	47.524 ug/ml

(f)=RT Delta > 1/2 Window

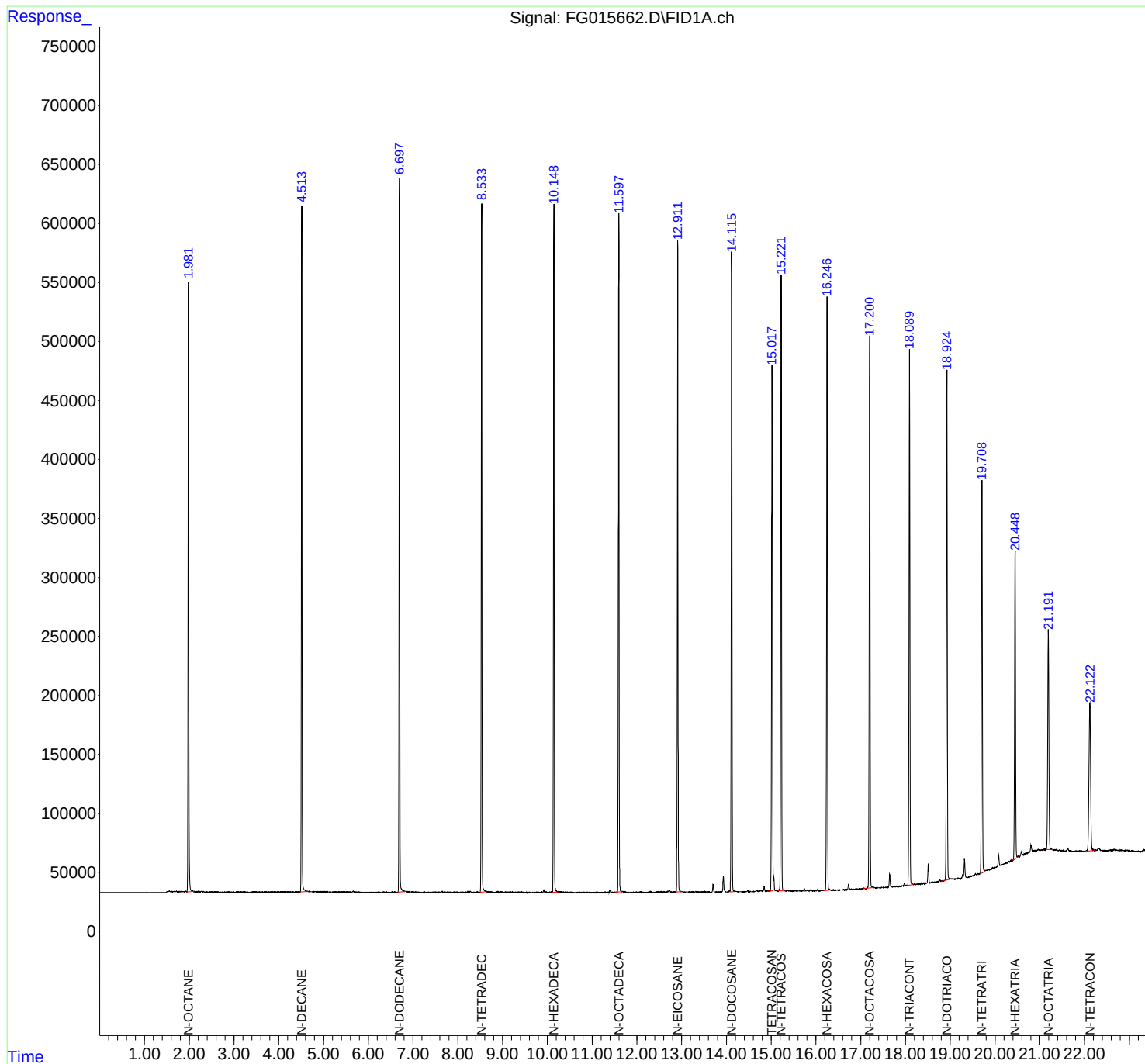
(m)=manual int.

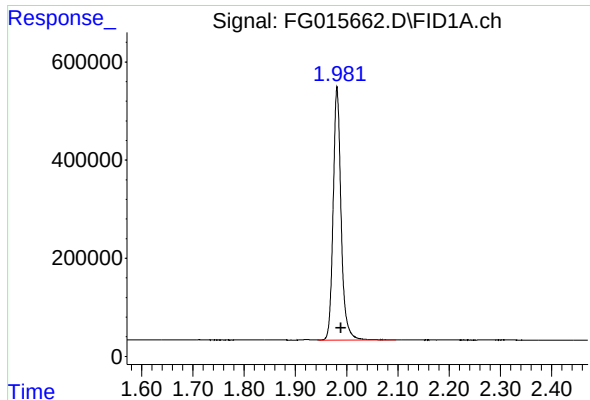
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

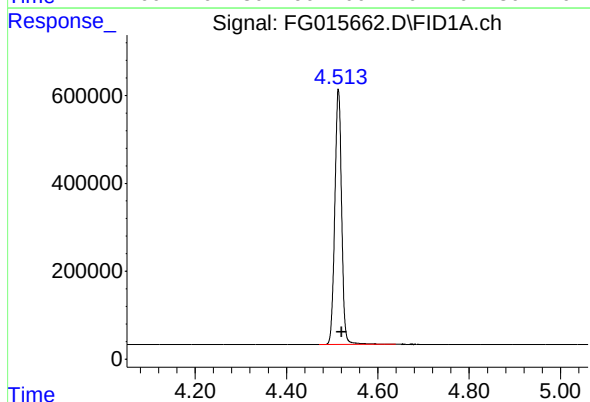




#1 N-OCTANE

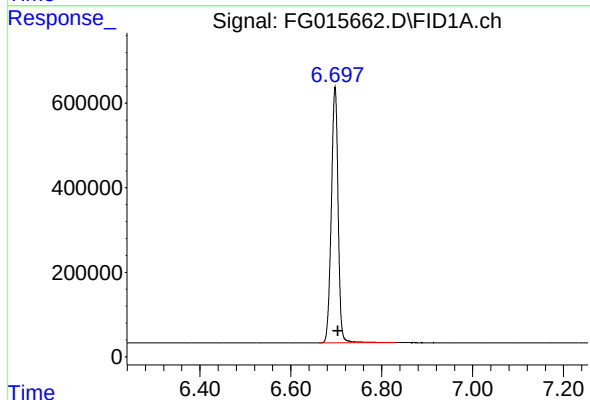
R.T.: 1.981 min
Delta R.T.: -0.008 min
Response: 5549301
Conc: 47.74 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



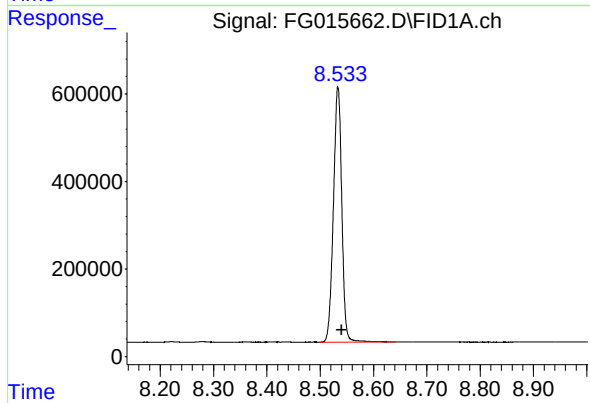
#2 N-DECANE

R.T.: 4.514 min
Delta R.T.: -0.007 min
Response: 6015195
Conc: 50.92 ug/ml



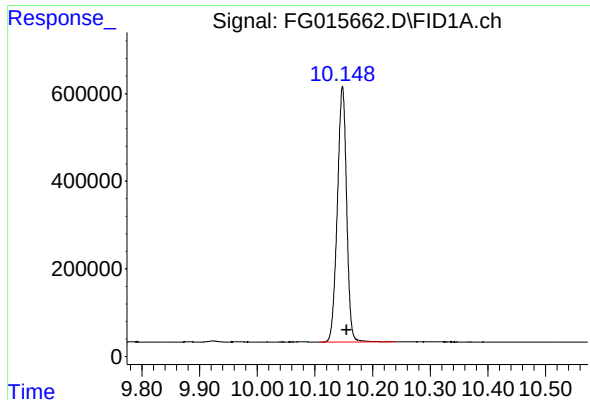
#3 N-DODECANE

R.T.: 6.697 min
Delta R.T.: -0.007 min
Response: 6296222
Conc: 51.85 ug/ml



#4 N-TETRADECANE

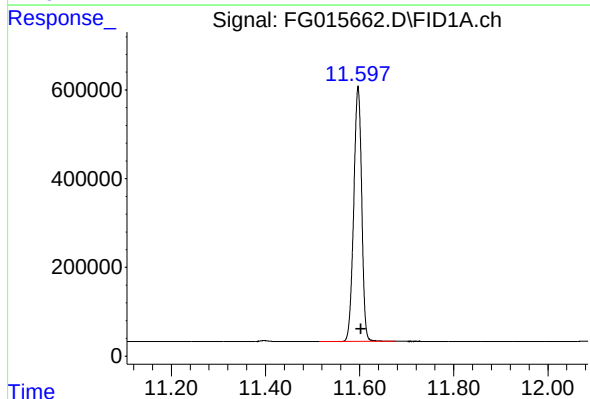
R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 6362102
Conc: 50.45 ug/ml



#5 N-HEXADECANE

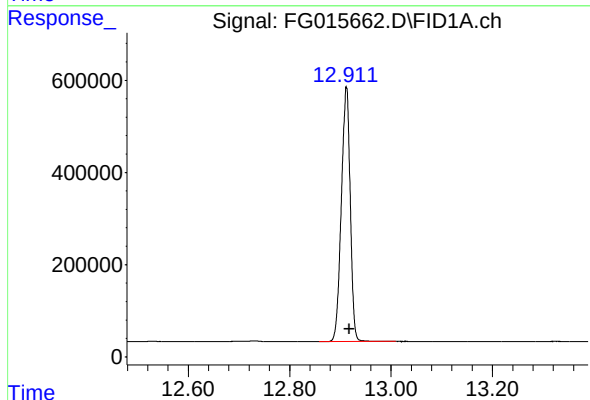
R.T.: 10.148 min
Delta R.T.: -0.007 min
Response: 6533360
Conc: 50.74 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



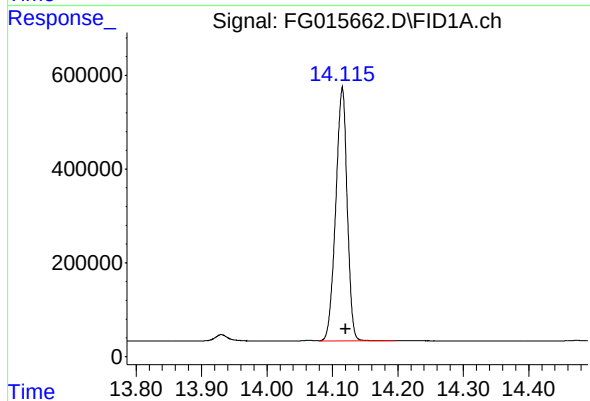
#6 N-OCTADECANE

R.T.: 11.597 min
Delta R.T.: -0.006 min
Response: 6734215
Conc: 51.12 ug/ml



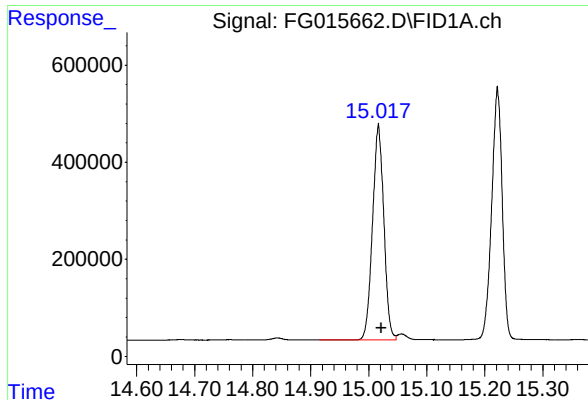
#7 N-EICOSANE

R.T.: 12.912 min
Delta R.T.: -0.006 min
Response: 6719659
Conc: 50.18 ug/ml



#8 N-DOCOSANE

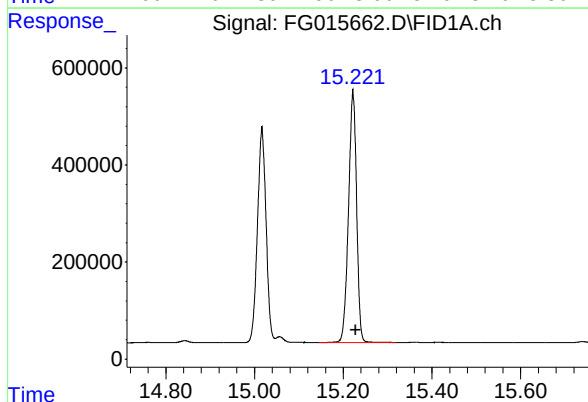
R.T.: 14.115 min
Delta R.T.: -0.005 min
Response: 6586614
Conc: 50.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

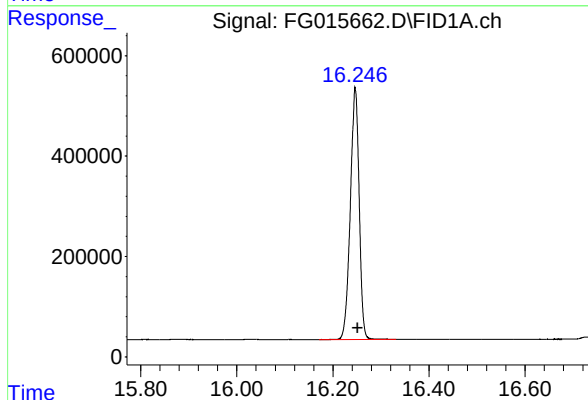
R.T.: 15.017 min
Delta R.T.: -0.005 min
Response: 5978921
Conc: 52.19 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



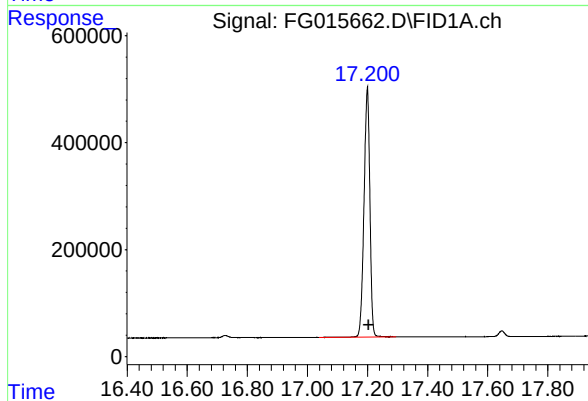
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: -0.006 min
Response: 6571504
Conc: 50.73 ug/ml



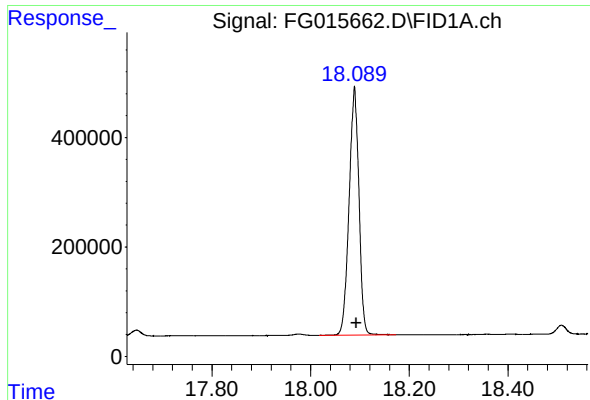
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: -0.005 min
Response: 6410246
Conc: 50.37 ug/ml



#12 N-OCTACOSANE

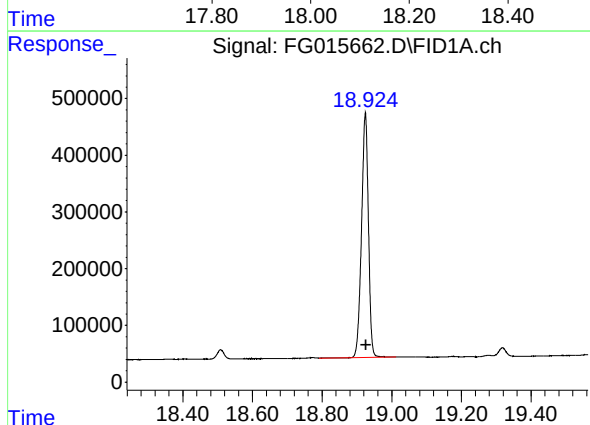
R.T.: 17.200 min
Delta R.T.: -0.004 min
Response: 6300013
Conc: 50.40 ug/ml



#13 N-TRIACONTANE

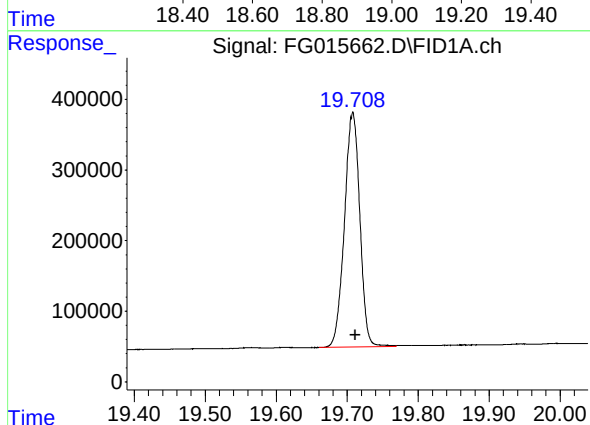
R.T.: 18.089 min
Delta R.T.: -0.003 min
Response: 6266598
Conc: 50.06 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



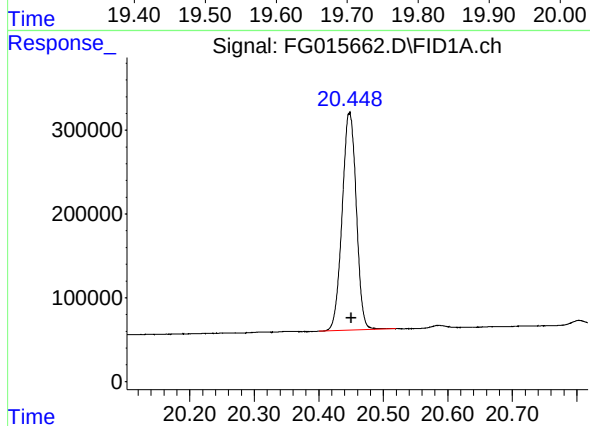
#14 N-DOTRIACONTANE

R.T.: 18.924 min
Delta R.T.: -0.002 min
Response: 5917139
Conc: 49.86 ug/ml



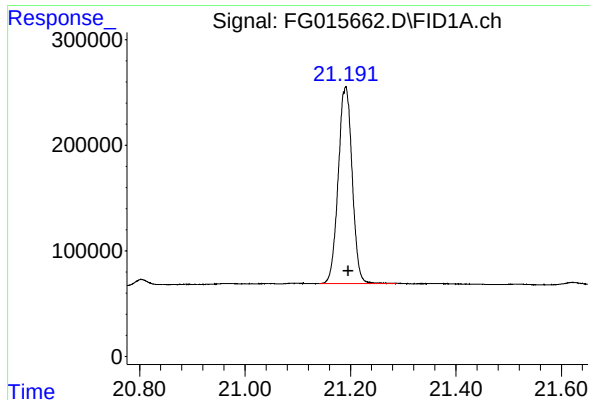
#15 N-TETRATRIACONTANE

R.T.: 19.708 min
Delta R.T.: -0.003 min
Response: 5004017
Conc: 47.94 ug/ml



#16 N-HEXATRIACONTANE

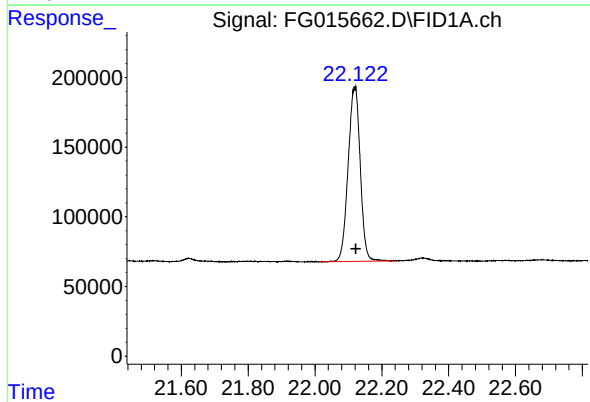
R.T.: 20.448 min
Delta R.T.: -0.003 min
Response: 3963370
Conc: 45.22 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.191 min
Delta R.T.: -0.005 min
Response: 3411755
Conc: 45.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.118 min
Delta R.T.: -0.004 min
Response: 3147870
Conc: 47.52 ug/ml