

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016990.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2025 02:24
 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: Nov 26 05:06:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.142	6009705	55.864 ug/ml
Target Compounds			
1) N-OCTANE	2.081	6722631	56.737 ug/ml
2) N-DECANE	4.618	6920630	59.872 ug/ml
3) N-DODECANE	6.801	7029075	60.298 ug/ml
4) N-TETRADECANE	8.640	6975527	61.016 ug/ml
5) N-HEXADECANE	10.258	6906624	60.137 ug/ml
6) N-OCTADECANE	11.710	7077706	58.178 ug/ml
7) N-EICOSANE	13.030	7192545	57.112 ug/ml
8) N-DOCOSANE	14.237	6912853	56.174 ug/ml
10) N-TETRACOSANE	15.347	6793179	55.577 ug/ml
11) N-HEXACOSANE	16.375	6536329	55.346 ug/ml
12) N-OCTACOSANE	17.331	6577975	55.602 ug/ml
13) N-TRIACONTANE	18.225	6696062	56.970 ug/ml
14) N-DOTRIACONTANE	19.063	6571328	57.948 ug/ml
15) N-TETRATRIACONTANE	19.851	6132892	57.981 ug/ml
16) N-HEXATRIACONTANE	20.595	5319745	56.260 ug/ml
17) N-OCTATRIACONTANE	21.368	4627243	57.373 ug/ml
18) N-TETRACONTANE	22.348	3959548	56.624 ug/ml

(f)=RT Delta > 1/2 Window

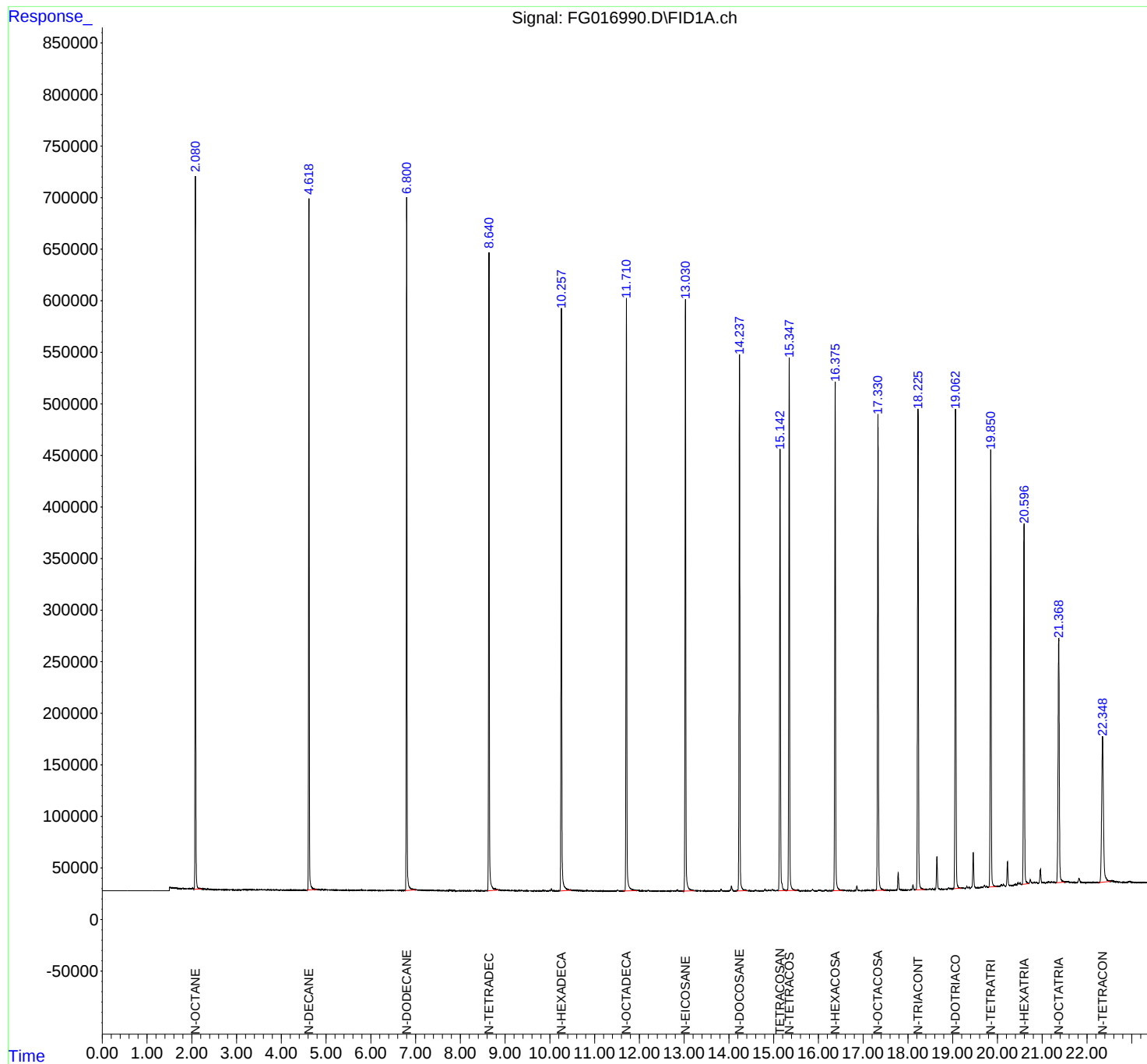
(m)=manual int.

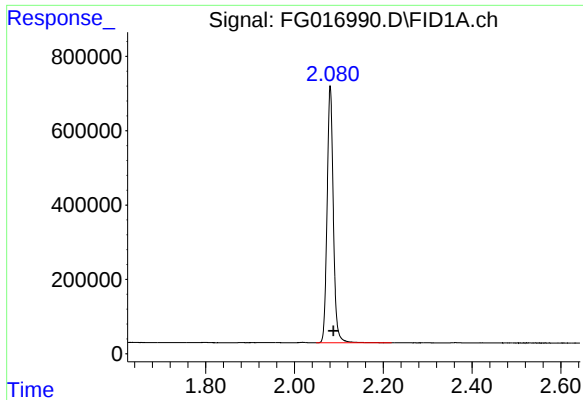
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Signal Info : 20mx0.18mmx0.18um

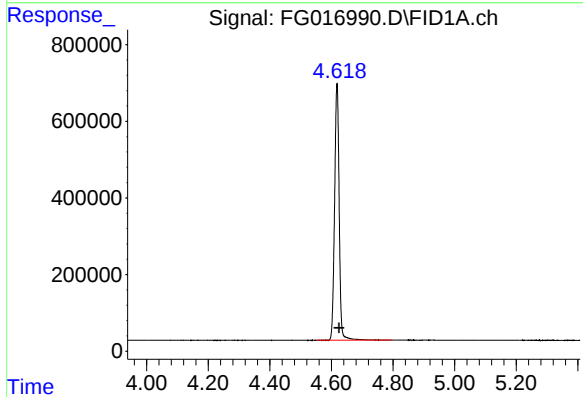




#1 N-OCTANE

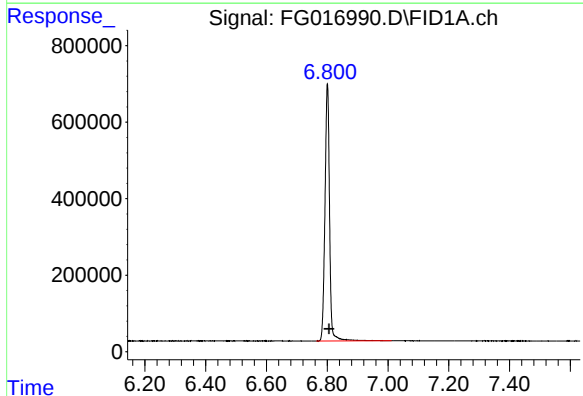
R.T.: 2.081 min
Delta R.T.: -0.007 min
Response: 6722631
Conc: 56.74 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



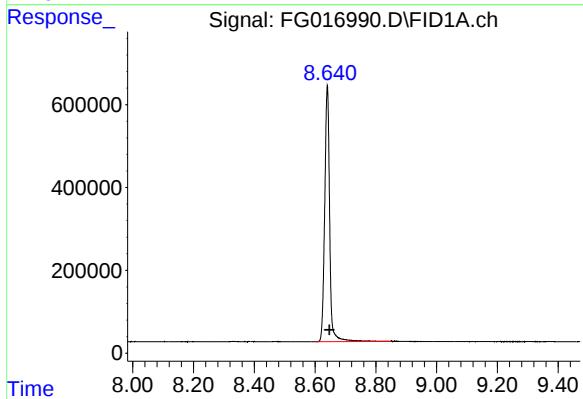
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 6920630
Conc: 59.87 ug/ml



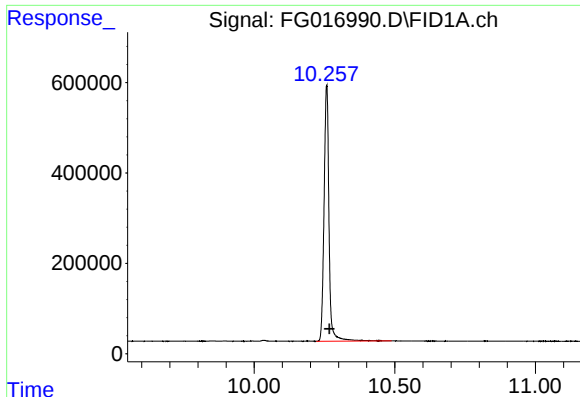
#3 N-DODECANE

R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 7029075
Conc: 60.30 ug/ml



#4 N-TETRADECANE

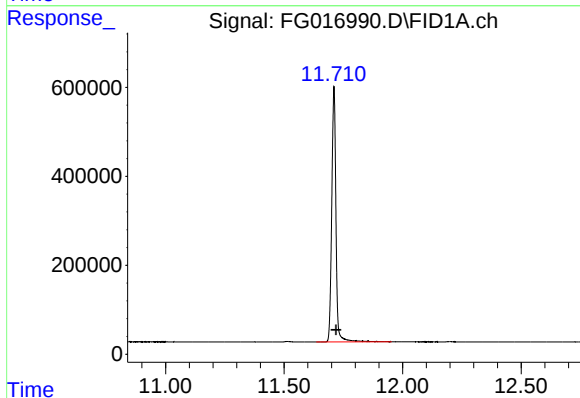
R.T.: 8.640 min
Delta R.T.: -0.007 min
Response: 6975527
Conc: 61.02 ug/ml



#5 N-HEXADECANE

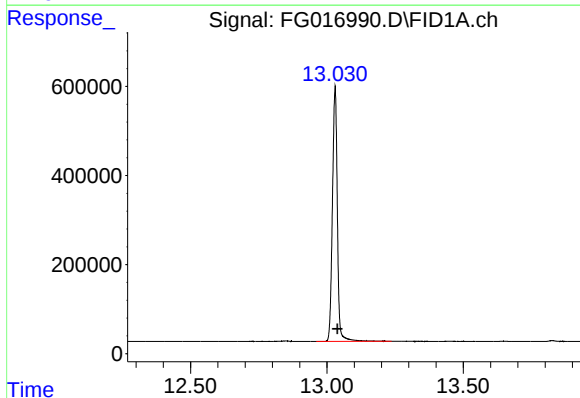
R.T.: 10.258 min
Delta R.T.: -0.010 min
Response: 6906624
Conc: 60.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



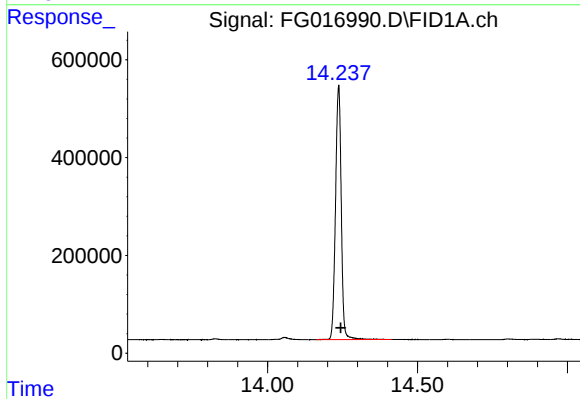
#6 N-OCTADECANE

R.T.: 11.710 min
Delta R.T.: -0.009 min
Response: 7077706
Conc: 58.18 ug/ml



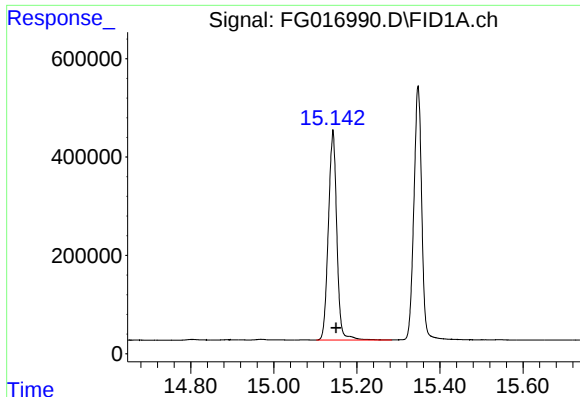
#7 N-EICOSANE

R.T.: 13.030 min
Delta R.T.: -0.008 min
Response: 7192545
Conc: 57.11 ug/ml



#8 N-DOCOSANE

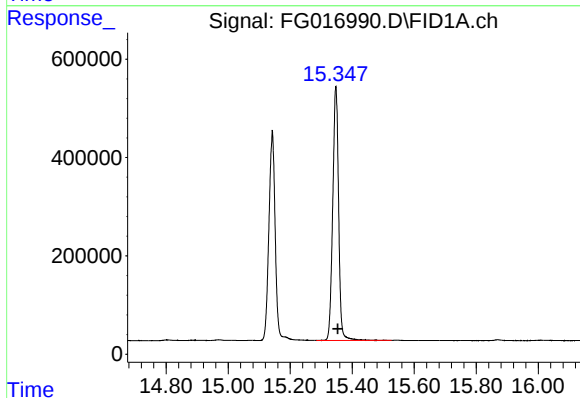
R.T.: 14.237 min
Delta R.T.: -0.007 min
Response: 6912853
Conc: 56.17 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

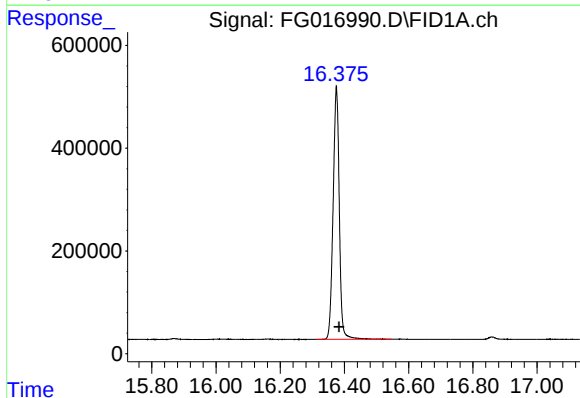
R.T.: 15.142 min
Delta R.T.: -0.007 min
Response: 6009705
Conc: 55.86 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



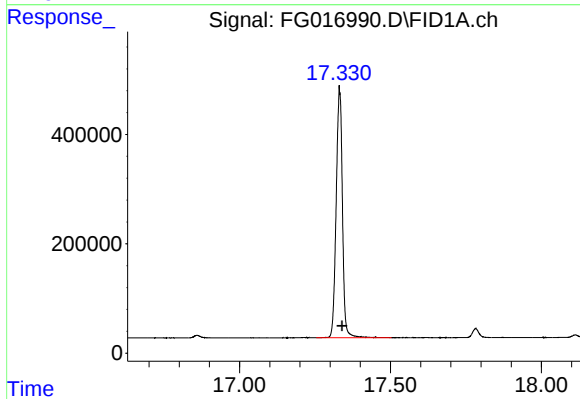
#10 N-TETRACOSANE

R.T.: 15.347 min
Delta R.T.: -0.007 min
Response: 6793179
Conc: 55.58 ug/ml



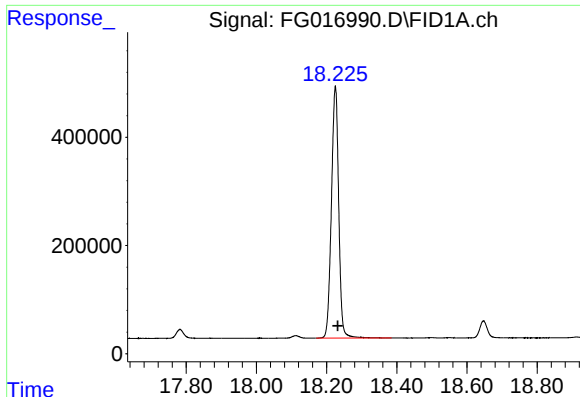
#11 N-HEXACOSANE

R.T.: 16.375 min
Delta R.T.: -0.008 min
Response: 6536329
Conc: 55.35 ug/ml



#12 N-OCTACOSANE

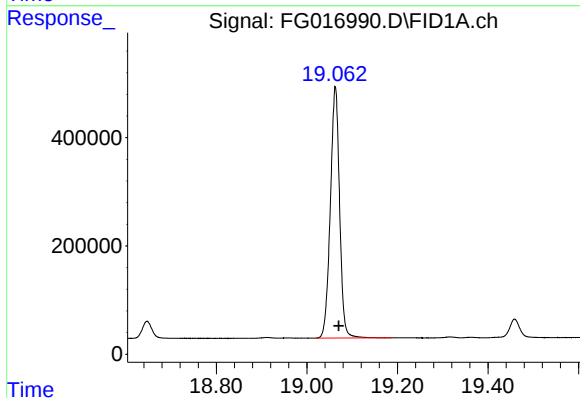
R.T.: 17.331 min
Delta R.T.: -0.008 min
Response: 6577975
Conc: 55.60 ug/ml



#13 N-TRIACONTANE

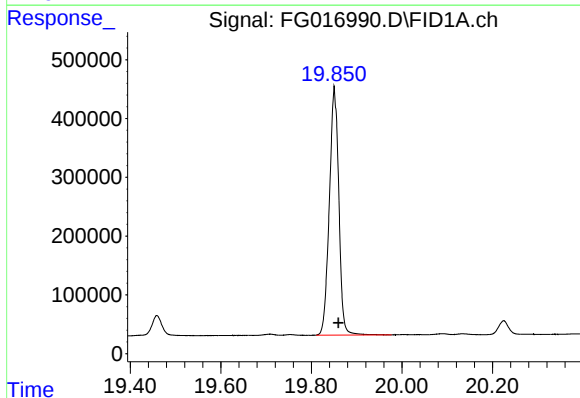
R.T.: 18.225 min
Delta R.T.: -0.007 min
Response: 6696062
Conc: 56.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



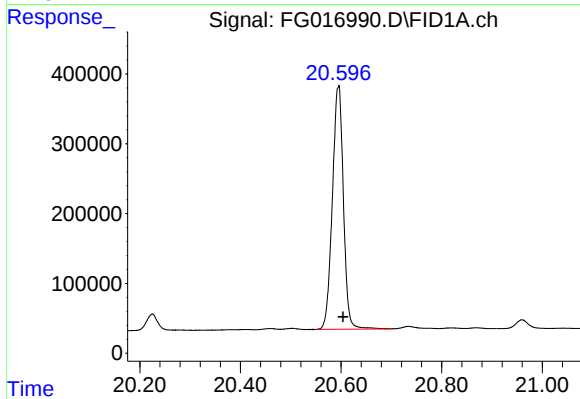
#14 N-DOTRIACONTANE

R.T.: 19.063 min
Delta R.T.: -0.007 min
Response: 6571328
Conc: 57.95 ug/ml



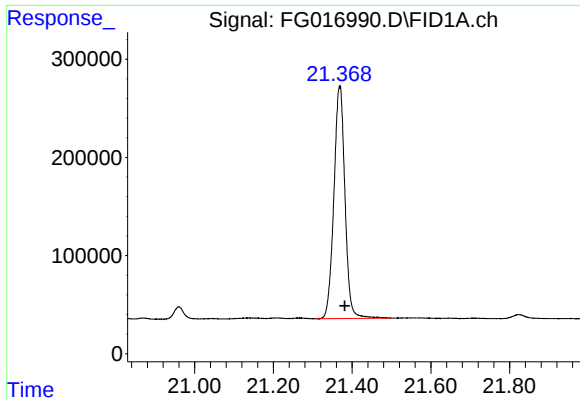
#15 N-TETRATRIACONTANE

R.T.: 19.851 min
Delta R.T.: -0.009 min
Response: 6132892
Conc: 57.98 ug/ml



#16 N-HEXATRIACONTANE

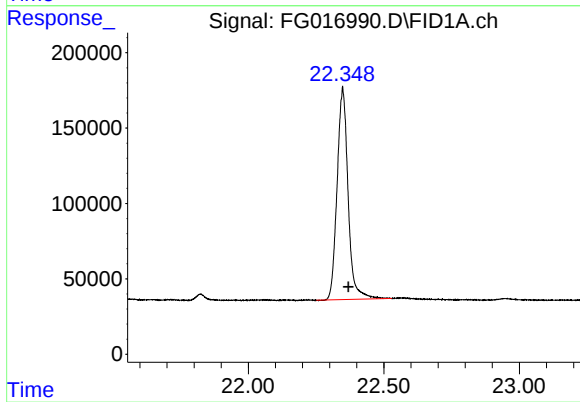
R.T.: 20.595 min
Delta R.T.: -0.009 min
Response: 5319745
Conc: 56.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.368 min
Delta R.T.: -0.012 min
Response: 4627243
Conc: 57.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.348 min
Delta R.T.: -0.021 min
Response: 3959548
Conc: 56.62 ug/ml