

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120125\
 Data File : FG017031.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2025 12:11
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: Sample.e
 Quant Time: Dec 01 15:12:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:10:26 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...	15.144	12108823	109.288 ug/ml
Target Compounds			
1) N-OCTANE	2.085	13672266	107.542 ug/ml
2) N-DECANE	4.620	13676009	108.042 ug/ml
3) N-DODECANE	6.802	13957855	108.237 ug/ml
4) N-TETRADECANE	8.642	14001644	108.638 ug/ml
5) N-HEXADECANE	10.259	13874229	108.891 ug/ml
6) N-OCTADECANE	11.712	14183277	108.802 ug/ml
7) N-EICOSANE	13.032	14456663	108.946 ug/ml
8) N-DOCOSANE	14.238	13943169	109.207 ug/ml
10) N-TETRACOSANE	15.350	13782026	109.440 ug/ml
11) N-HEXACOSANE	16.377	13311505	109.716 ug/ml
12) N-OCTACOSANE	17.334	13194816	109.916 ug/ml
13) N-TRIACONTANE	18.227	12959604	109.903 ug/ml
14) N-DOTRIACONTANE	19.063	12326760	109.777 ug/ml
15) N-TETRATRIACONTANE	19.852	11437445	109.487 ug/ml
16) N-HEXATRIACONTANE	20.594	10150030	109.750 ug/ml
17) N-OCTATRIACONTANE	21.367	8695934	109.154 ug/ml
18) N-TETRACONTANE	22.344	7672443	111.271 ug/ml

(f)=RT Delta > 1/2 Window

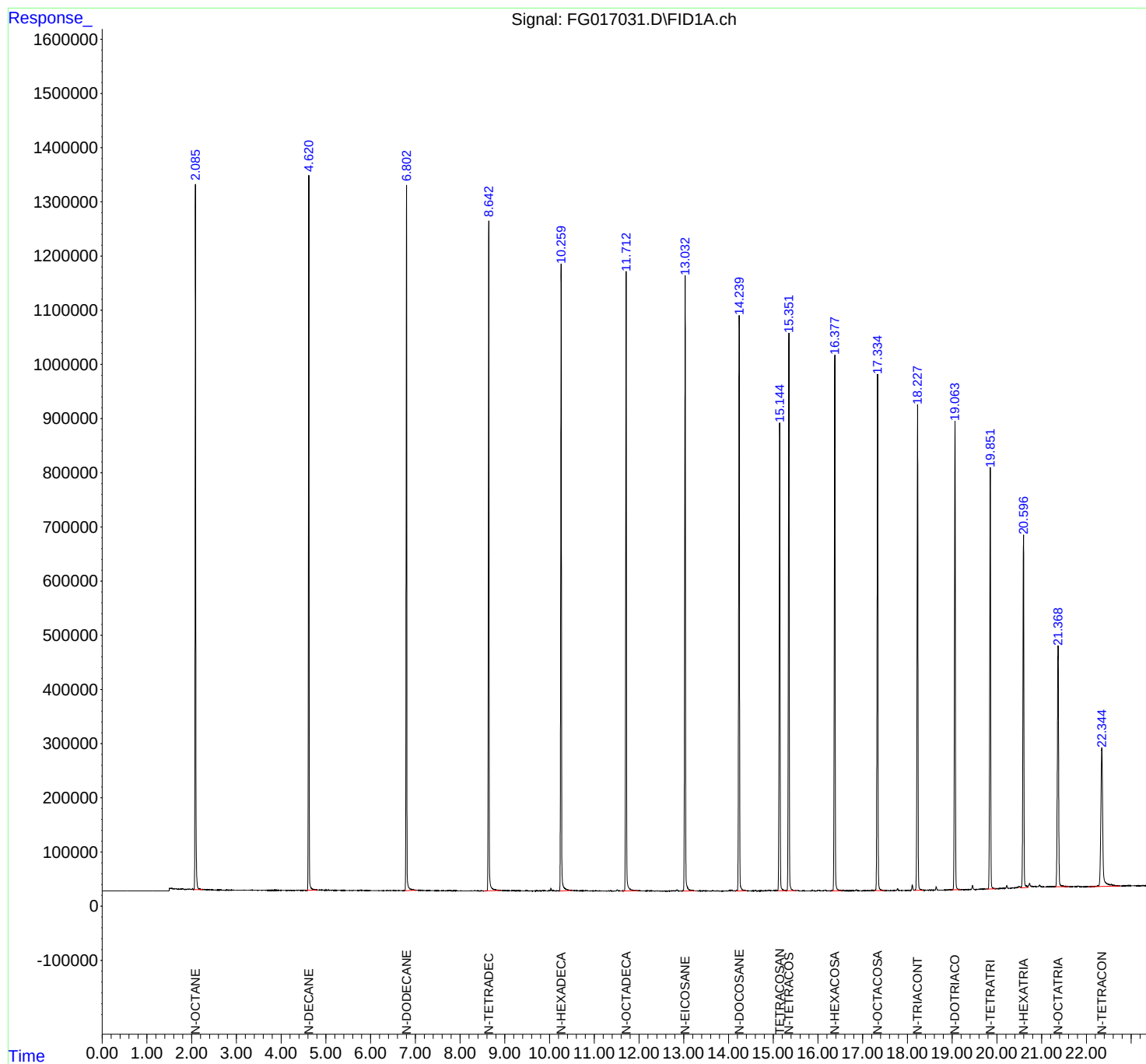
(m)=manual int.

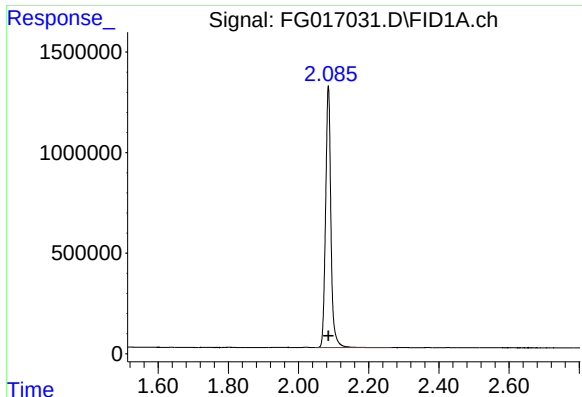
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

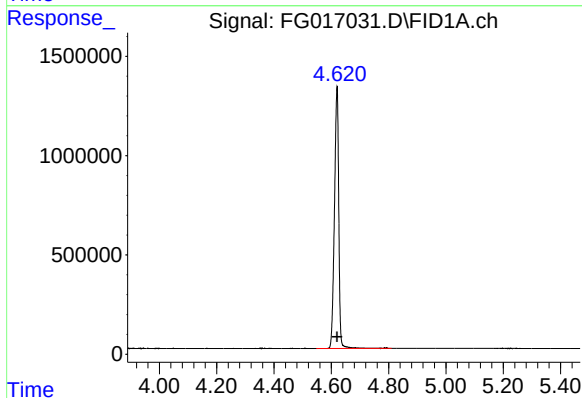




#1 N-OCTANE

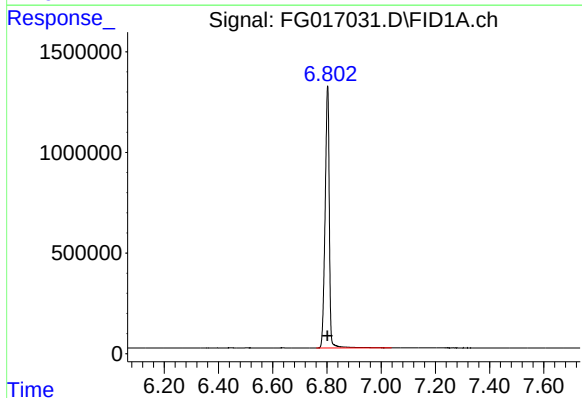
R.T.: 2.085 min
Delta R.T.: 0.000 min
Response: 13672266
Conc: 107.54 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



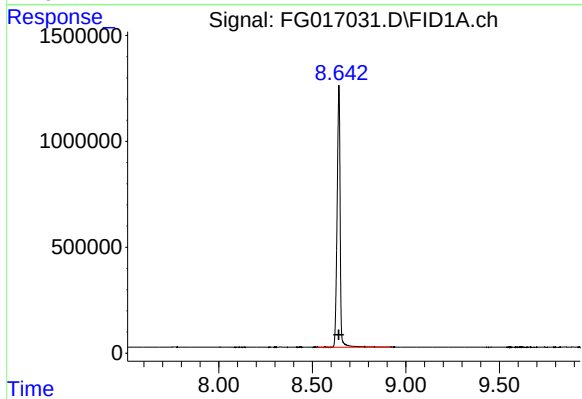
#2 N-DECANE

R.T.: 4.620 min
Delta R.T.: 0.000 min
Response: 13676009
Conc: 108.04 ug/ml



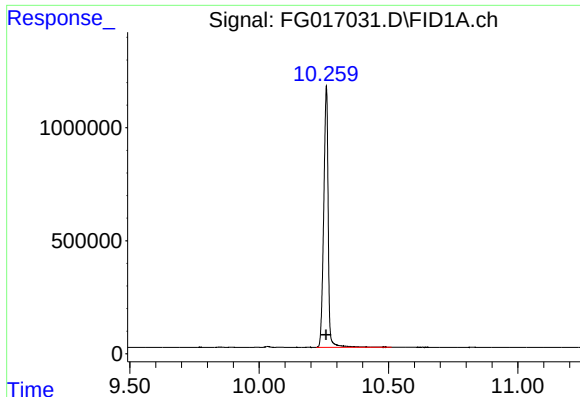
#3 N-DODECANE

R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 13957855
Conc: 108.24 ug/ml



#4 N-TETRADECANE

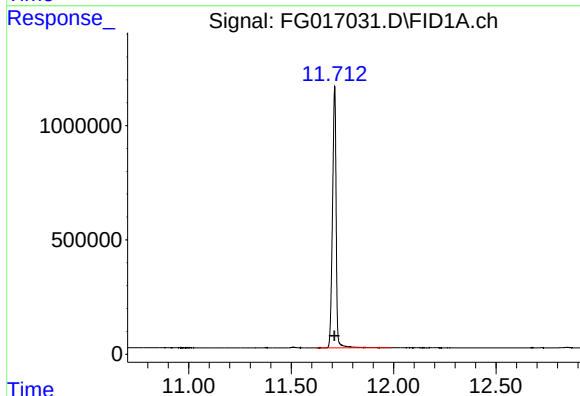
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 14001644
Conc: 108.64 ug/ml



#5 N-HEXADECANE

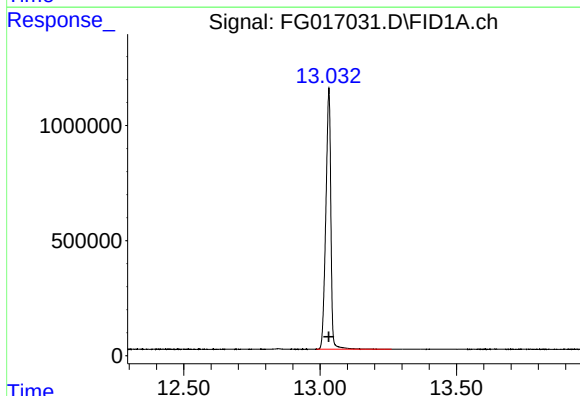
R.T.: 10.259 min
Delta R.T.: 0.000 min
Response: 13874229
Conc: 108.89 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



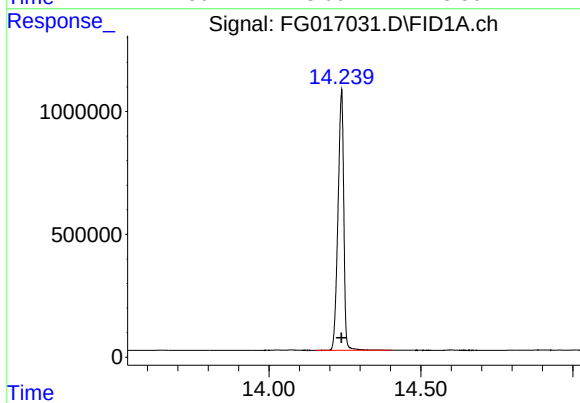
#6 N-OCTADECANE

R.T.: 11.712 min
Delta R.T.: 0.000 min
Response: 14183277
Conc: 108.80 ug/ml



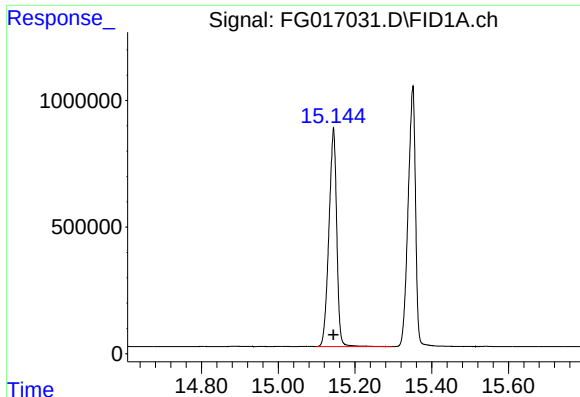
#7 N-EICOSANE

R.T.: 13.032 min
Delta R.T.: 0.000 min
Response: 14456663
Conc: 108.95 ug/ml



#8 N-DOCOSANE

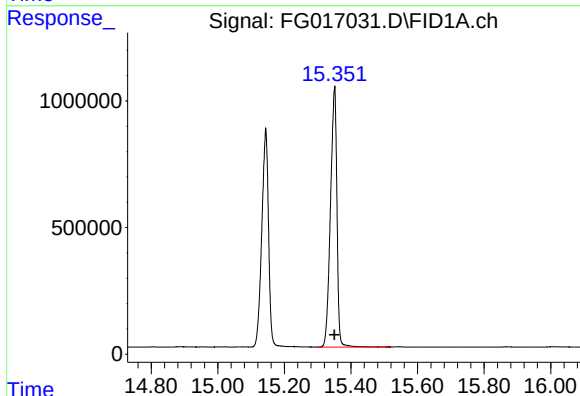
R.T.: 14.238 min
Delta R.T.: 0.000 min
Response: 13943169
Conc: 109.21 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

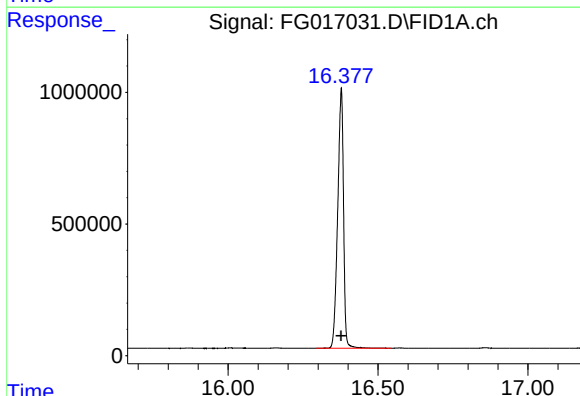
R.T.: 15.144 min
Delta R.T.: 0.000 min
Response: 12108823
Conc: 109.29 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



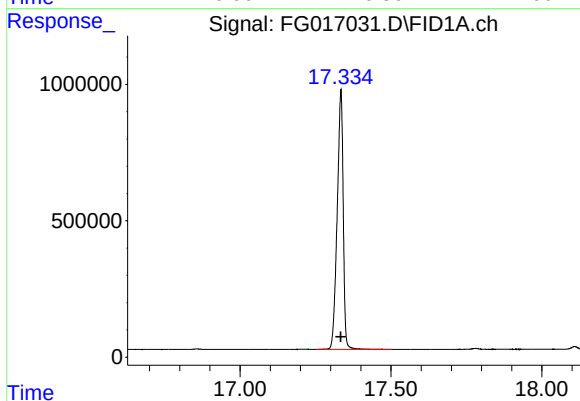
#10 N-TETRACOSANE

R.T.: 15.350 min
Delta R.T.: 0.000 min
Response: 13782026
Conc: 109.44 ug/ml



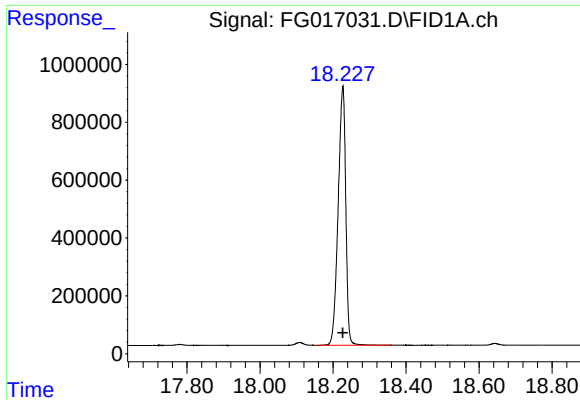
#11 N-HEXACOSANE

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 13311505
Conc: 109.72 ug/ml



#12 N-OCTACOSANE

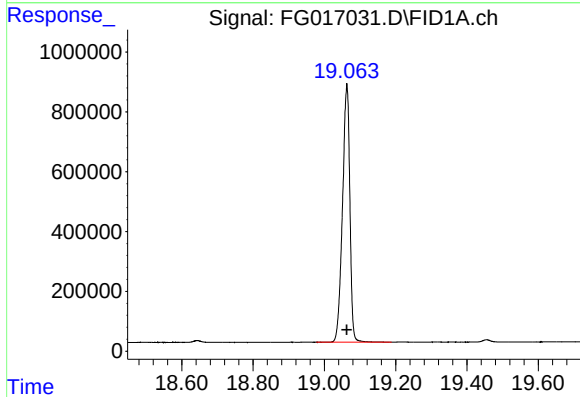
R.T.: 17.334 min
Delta R.T.: 0.000 min
Response: 13194816
Conc: 109.92 ug/ml



#13 N-TRIACONTANE

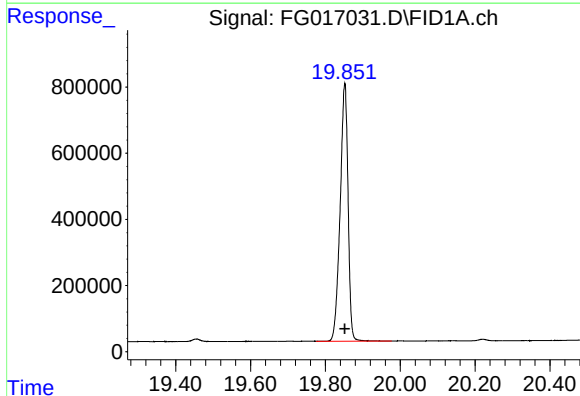
R.T.: 18.227 min
Delta R.T.: 0.000 min
Response: 12959604
Conc: 109.90 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



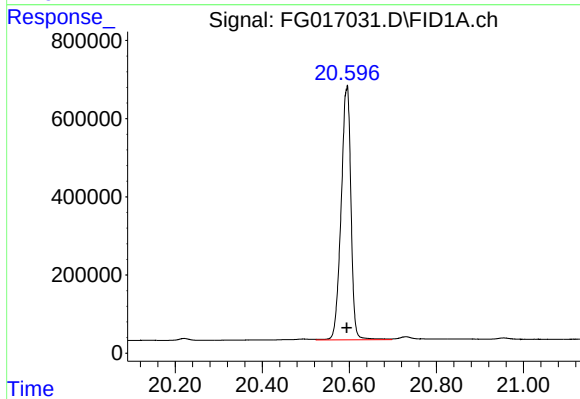
#14 N-DOTRIACONTANE

R.T.: 19.063 min
Delta R.T.: 0.000 min
Response: 12326760
Conc: 109.78 ug/ml



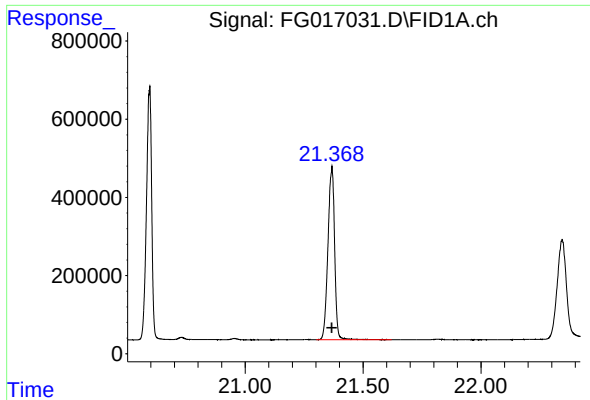
#15 N-TETRATRIACONTANE

R.T.: 19.852 min
Delta R.T.: 0.000 min
Response: 11437445
Conc: 109.49 ug/ml



#16 N-HEXATRIACONTANE

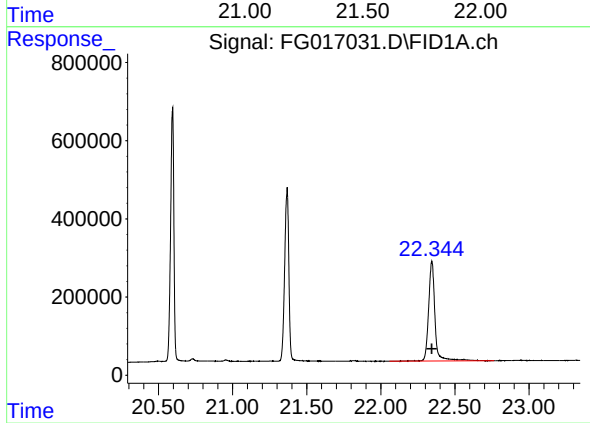
R.T.: 20.594 min
Delta R.T.: 0.000 min
Response: 10150030
Conc: 109.75 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.367 min
Delta R.T.: 0.000 min
Response: 8695934
Conc: 109.15 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.344 min
Delta R.T.: 0.000 min
Response: 7672443
Conc: 111.27 ug/ml