

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
 Data File : FG016266.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 11:34
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 09 11:52:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 11:52:16 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...	15.198	1995225	20.804 ug/ml
Target Compounds			
1) N-OCTANE	2.123	2289458	21.075 ug/ml
2) N-DECANE	4.670	2316024	20.983 ug/ml
3) N-DODECANE	6.852	2334563	20.997 ug/ml
4) N-TETRADECANE	8.693	2348376	20.963 ug/ml
5) N-HEXADECANE	10.312	2315857	20.909 ug/ml
6) N-OCTADECANE	11.765	2351653	20.883 ug/ml
7) N-EICOSANE	13.086	2391656	20.858 ug/ml
8) N-DOCOSANE	14.293	2303271	20.826 ug/ml
10) N-TETRACOSANE	15.403	2278488	20.827 ug/ml
11) N-HEXACOSANE	16.432	2194457	20.831 ug/ml
12) N-OCTACOSANE	17.388	2169947	20.835 ug/ml
13) N-TRIACONTANE	18.281	2139871	20.918 ug/ml
14) N-DOTRIACONTANE	19.119	2026483	20.930 ug/ml
15) N-TETRATRIACONTANE	19.908	1802309	20.597 ug/ml
16) N-HEXATRIACONTANE	20.652	1470221	20.132 ug/ml
17) N-OCTATRIACONTANE	21.442	1262549	20.009 ug/ml
18) N-TETRACONTANE	22.445	1106680	19.739 ug/ml

(f)=RT Delta > 1/2 Window

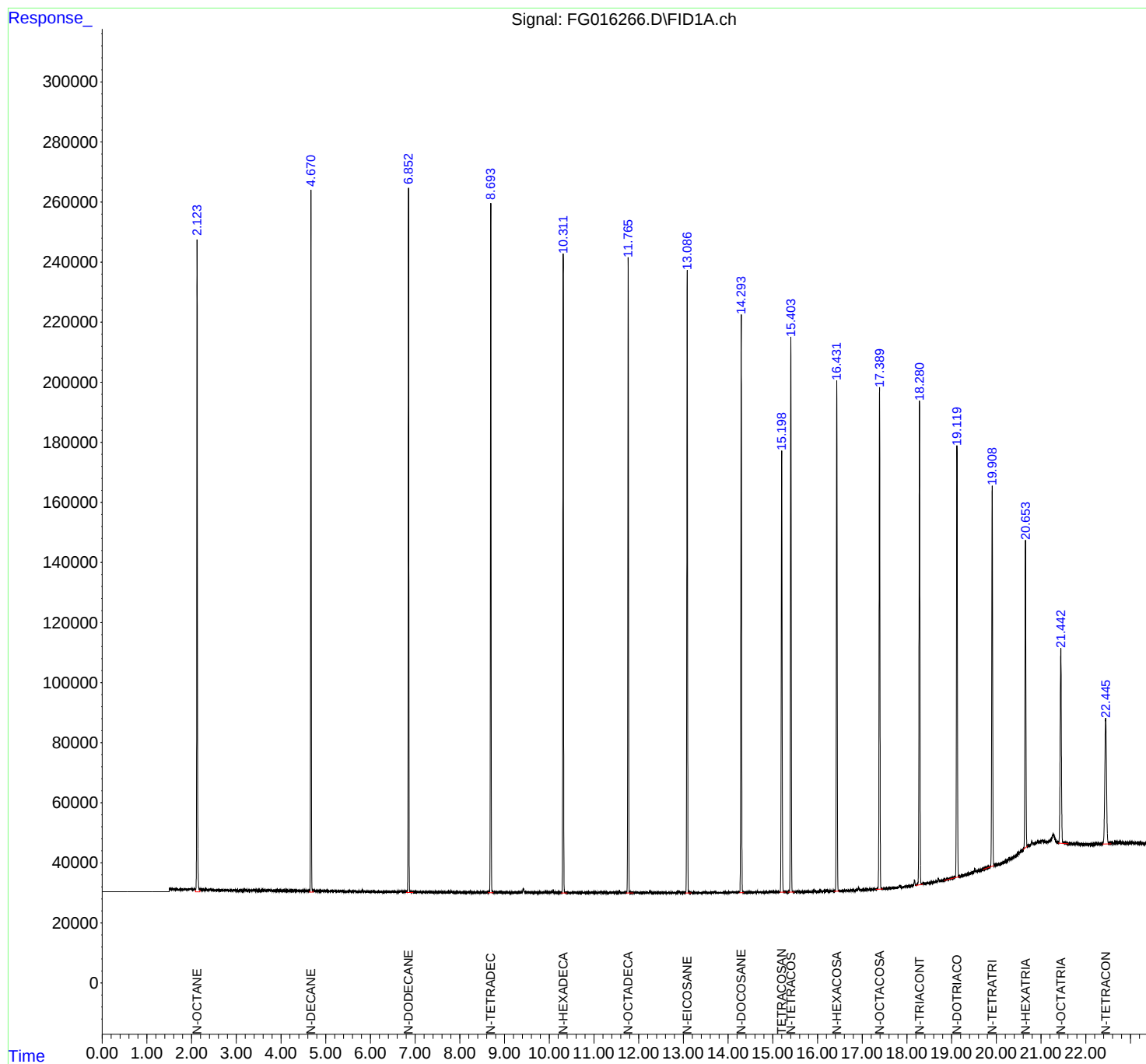
(m)=manual int.

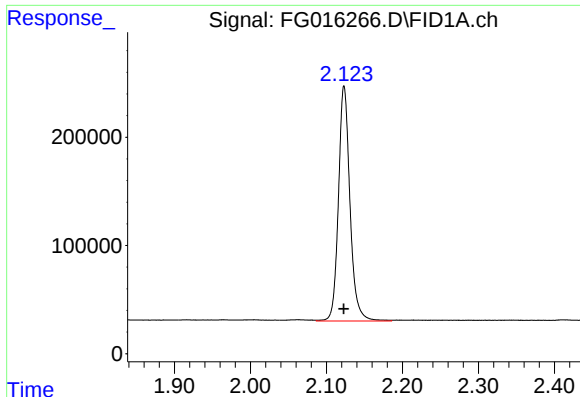
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Signal Info : 20mx0.18mmx0.18um

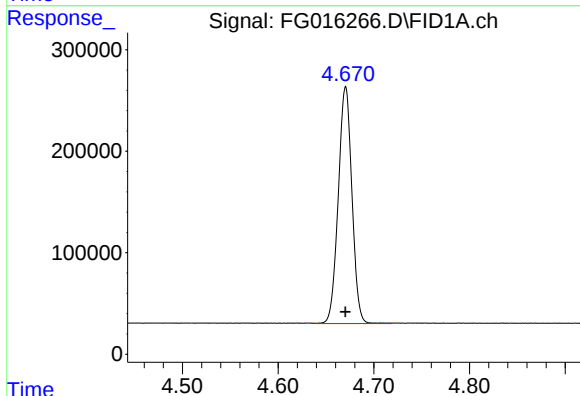




#1 N-OCTANE

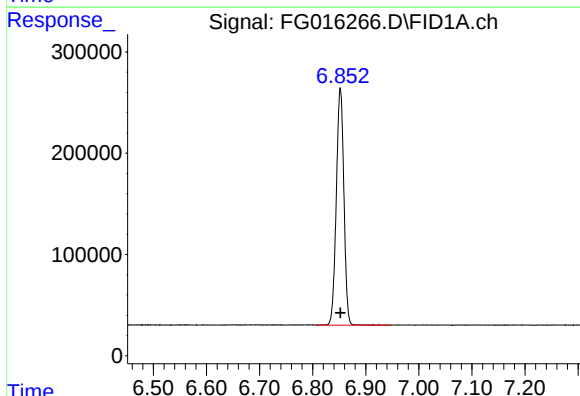
R.T.: 2.123 min
Delta R.T.: 0.000 min
Response: 2289458
Conc: 21.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



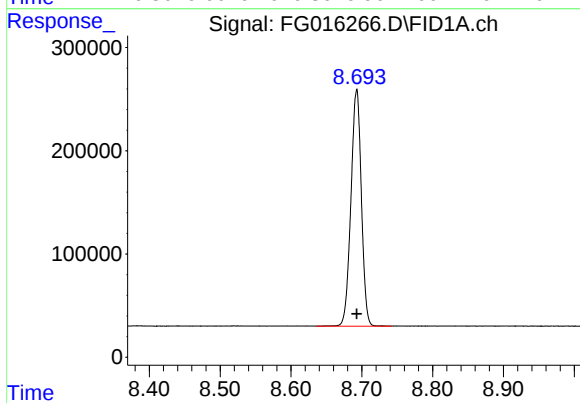
#2 N-DECANE

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 2316024
Conc: 20.98 ug/ml



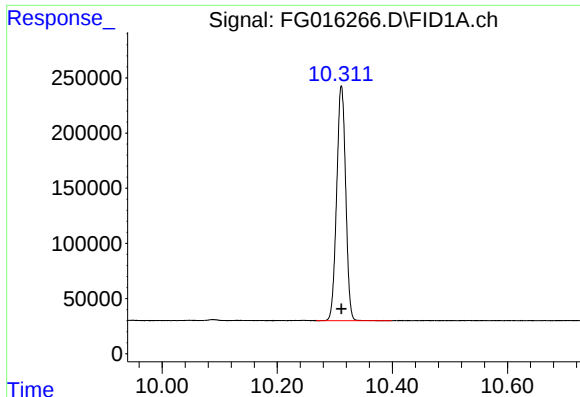
#3 N-DODECANE

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 2334563
Conc: 21.00 ug/ml



#4 N-TETRADECANE

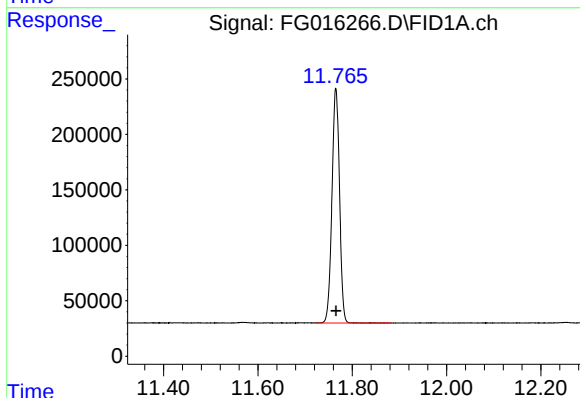
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 2348376
Conc: 20.96 ug/ml



#5 N-HEXADECANE

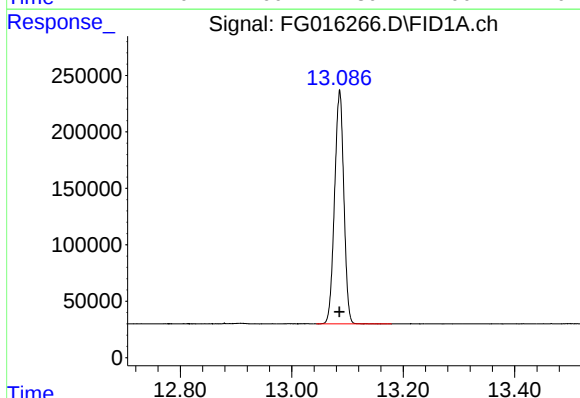
R.T.: 10.312 min
Delta R.T.: 0.000 min
Response: 2315857
Conc: 20.91 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



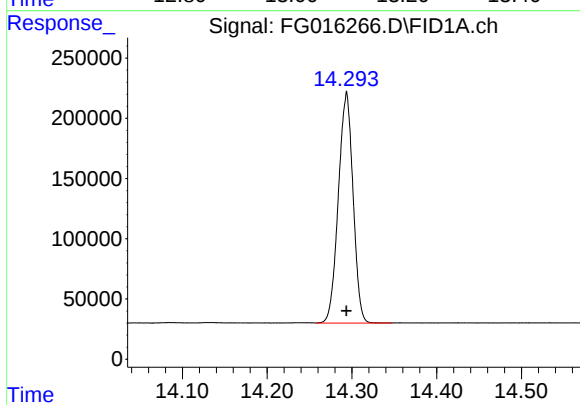
#6 N-OCTADECANE

R.T.: 11.765 min
Delta R.T.: 0.000 min
Response: 2351653
Conc: 20.88 ug/ml



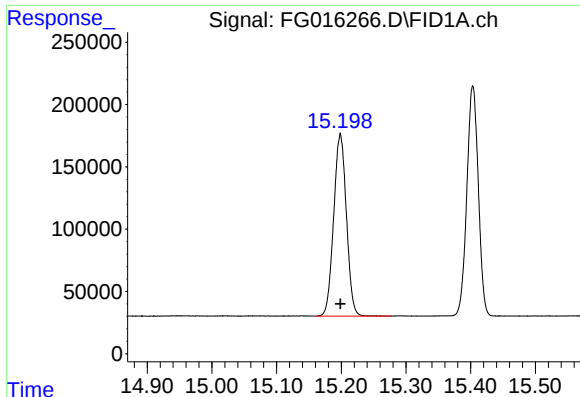
#7 N-EICOSANE

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2391656
Conc: 20.86 ug/ml



#8 N-DOCOSANE

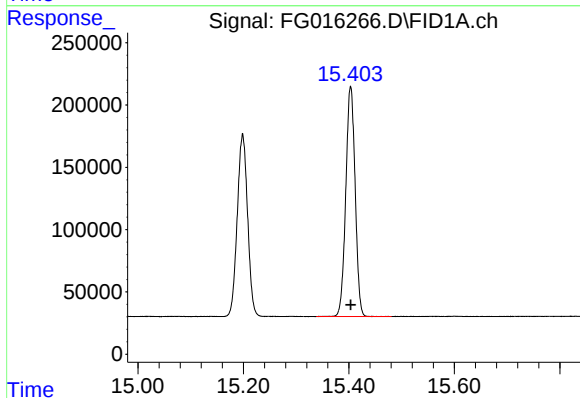
R.T.: 14.293 min
Delta R.T.: 0.000 min
Response: 2303271
Conc: 20.83 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

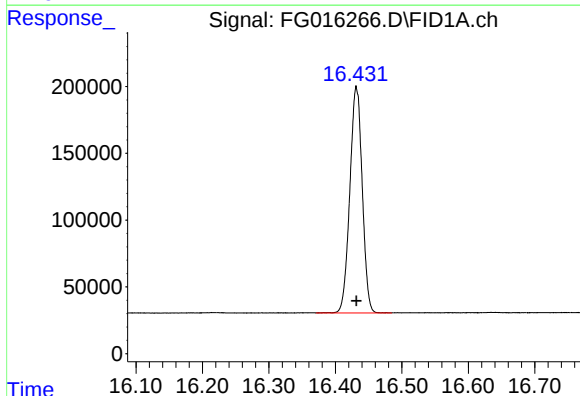
R.T.: 15.198 min
Delta R.T.: 0.000 min
Response: 1995225
Conc: 20.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



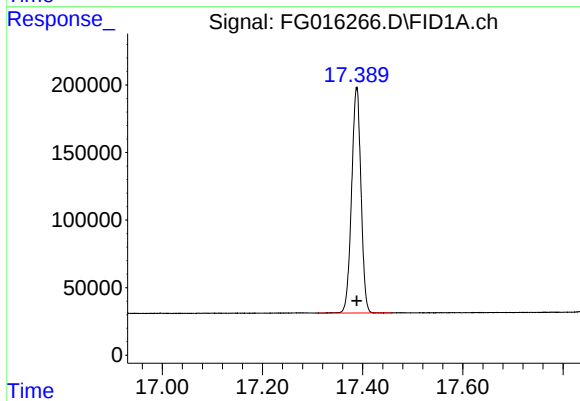
#10 N-TETRACOSANE

R.T.: 15.403 min
Delta R.T.: 0.000 min
Response: 2278488
Conc: 20.83 ug/ml



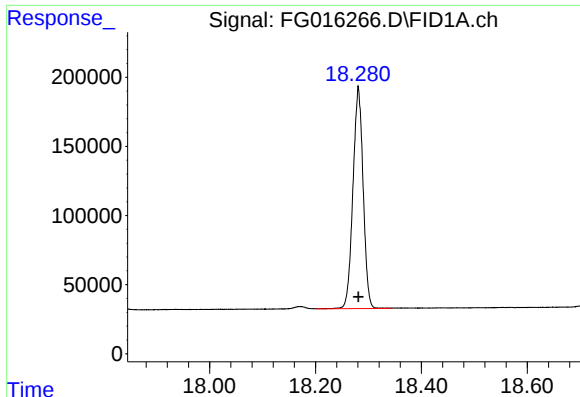
#11 N-HEXACOSANE

R.T.: 16.432 min
Delta R.T.: 0.000 min
Response: 2194457
Conc: 20.83 ug/ml



#12 N-OCTACOSANE

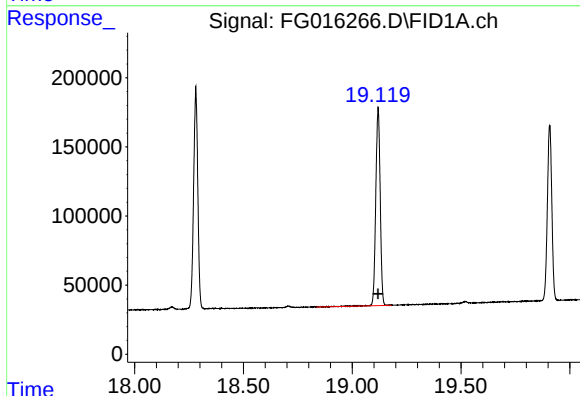
R.T.: 17.388 min
Delta R.T.: 0.000 min
Response: 2169947
Conc: 20.83 ug/ml



#13 N-TRIACONTANE

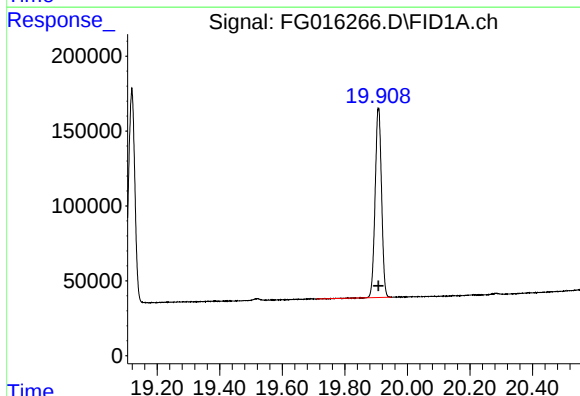
R.T.: 18.281 min
Delta R.T.: 0.000 min
Response: 2139871
Conc: 20.92 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



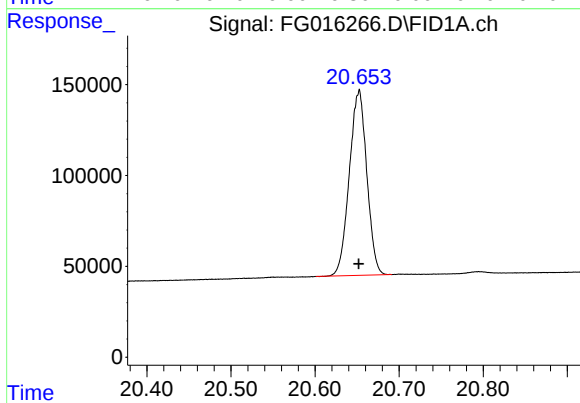
#14 N-DOTRIACONTANE

R.T.: 19.119 min
Delta R.T.: 0.000 min
Response: 2026483
Conc: 20.93 ug/ml



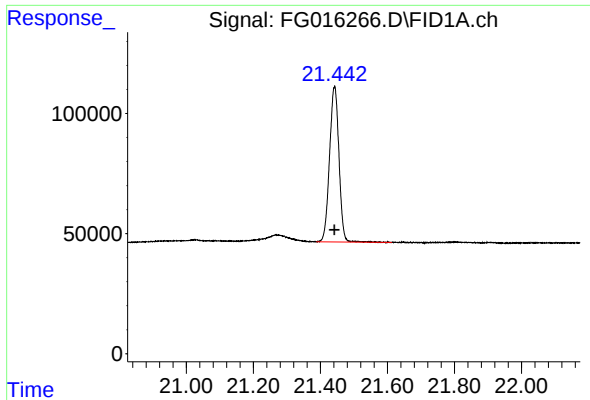
#15 N-TETRATRIACONTANE

R.T.: 19.908 min
Delta R.T.: 0.000 min
Response: 1802309
Conc: 20.60 ug/ml



#16 N-HEXATRIACONTANE

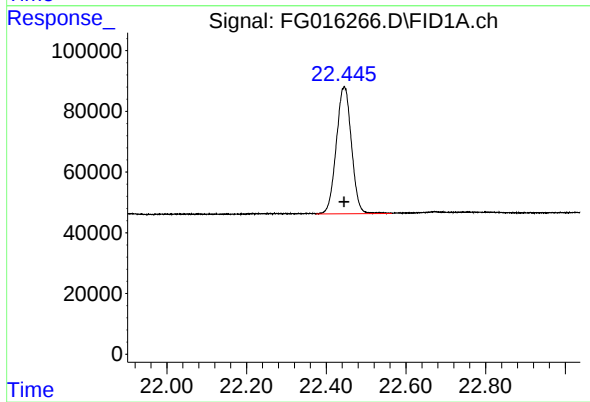
R.T.: 20.652 min
Delta R.T.: 0.000 min
Response: 1470221
Conc: 20.13 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.442 min
Delta R.T.: 0.000 min
Response: 1262549
Conc: 20.01 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.445 min
Delta R.T.: 0.000 min
Response: 1106680
Conc: 19.74 ug/ml