

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015760.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 12:45
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 24 12:53:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:53:03 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...	14.998	597973	5.079 ug/ml
Target Compounds			
1) N-OCTANE	1.977	551237	4.891 ug/ml
2) N-DECANE	4.503	509093	4.573 ug/ml
3) N-DODECANE	6.684	507207	4.426 ug/ml
4) N-TETRADECANE	8.520	571671	4.718 ug/ml
5) N-HEXADECANE	10.135	604971	4.819 ug/ml
6) N-OCTADECANE	11.581	652759	4.981 ug/ml
7) N-EICOSANE	12.895	691598	5.101 ug/ml
8) N-DOCOSANE	14.096	675439	5.093 ug/ml
10) N-TETRACOSANE	15.202	676031	5.087 ug/ml
11) N-HEXACOSANE	16.227	669566	5.049 ug/ml
12) N-OCTACOSANE	17.179	665315	5.047 ug/ml
13) N-TRIACONTANE	18.069	677422	5.081 ug/ml
14) N-DOTRIACONTANE	18.902	685497	5.200 ug/ml
15) N-TETRATRIACONTANE	19.688	612187	5.062 ug/ml
16) N-HEXATRIACONTANE	20.429	531350	4.956 ug/ml
17) N-OCTATRIACONTANE	21.169	459713	4.772 ug/ml
18) N-TETRACONTANE	22.088	425456	4.778 ug/ml

(f)=RT Delta > 1/2 Window

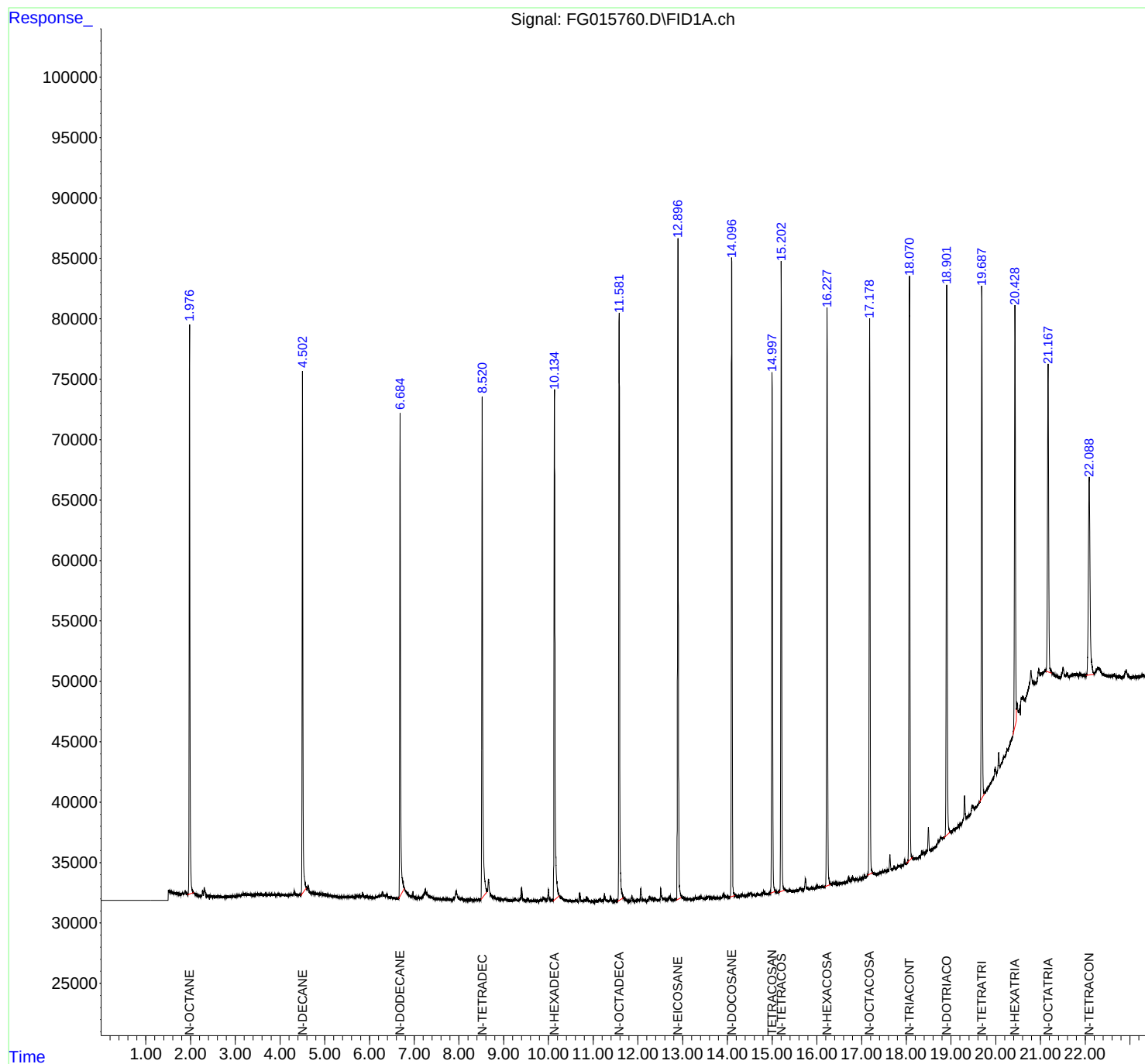
(m)=manual int.

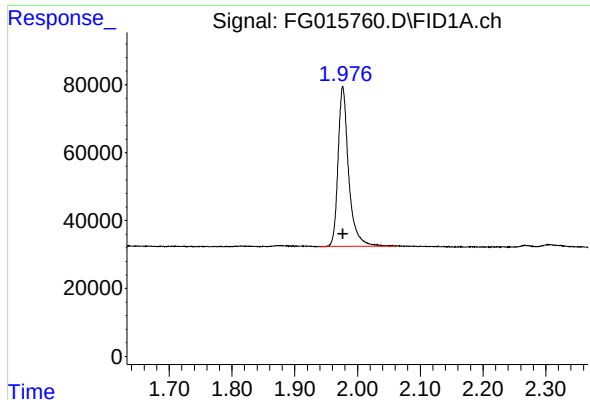
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Signal Info : 20mx0.18mmx0.18um

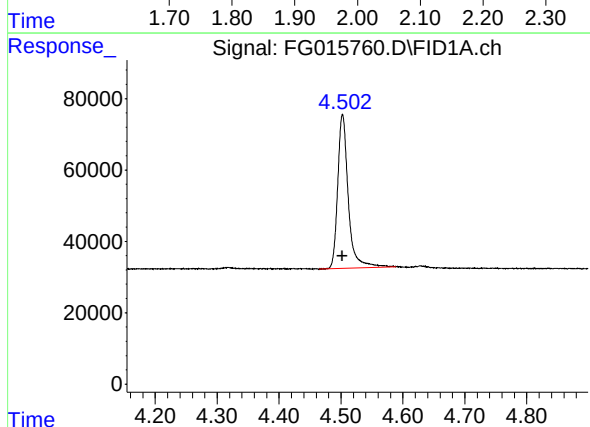




#1 N-OCTANE

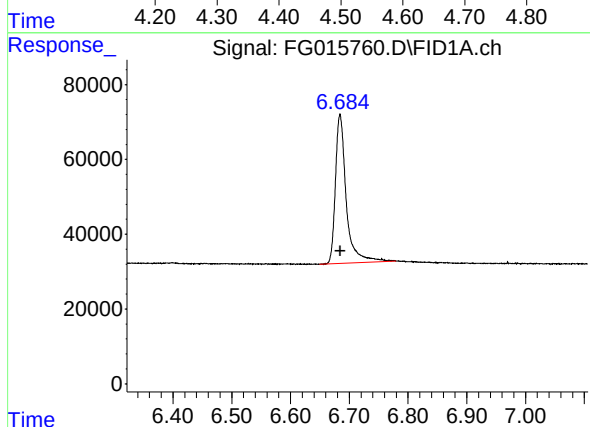
R.T.: 1.977 min
Delta R.T.: 0.000 min
Response: 551237
Conc: 4.89 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



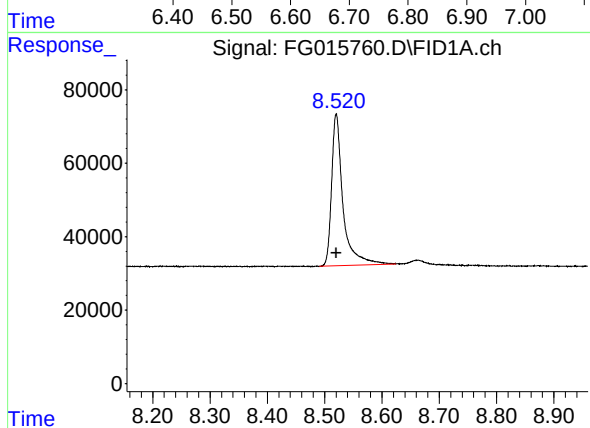
#2 N-DECANE

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 509093
Conc: 4.57 ug/ml



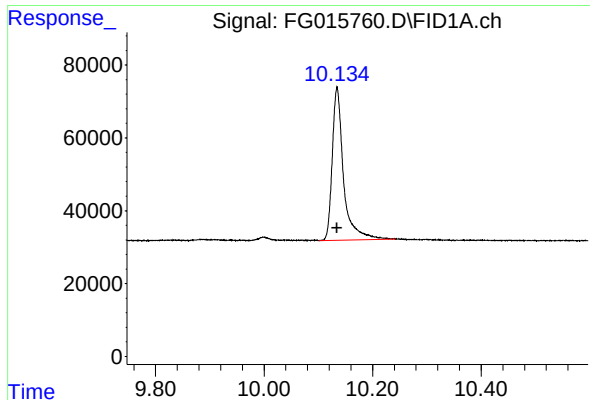
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 507207
Conc: 4.43 ug/ml



#4 N-TETRADECANE

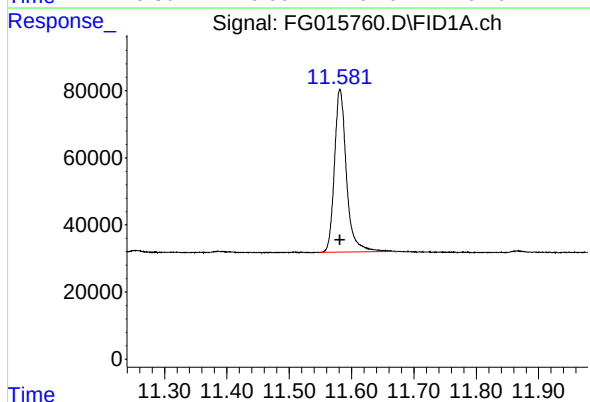
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 571671
Conc: 4.72 ug/ml



#5 N-HEXADECANE

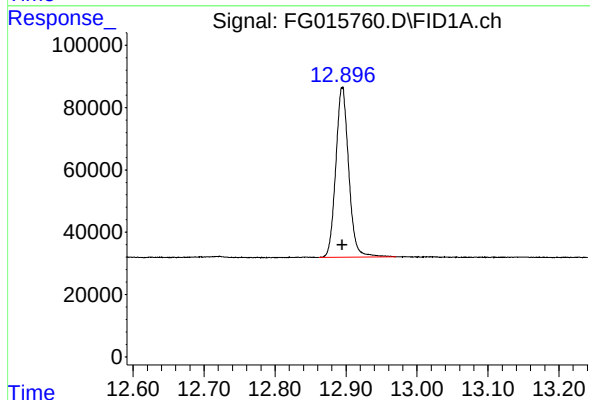
R.T.: 10.135 min
Delta R.T.: 0.000 min
Response: 604971
Conc: 4.82 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



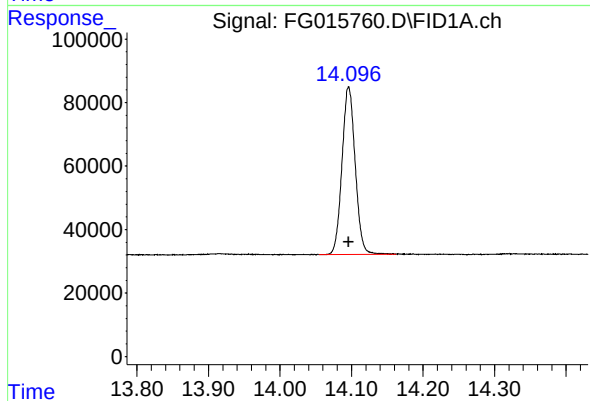
#6 N-OCTADECANE

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 652759
Conc: 4.98 ug/ml



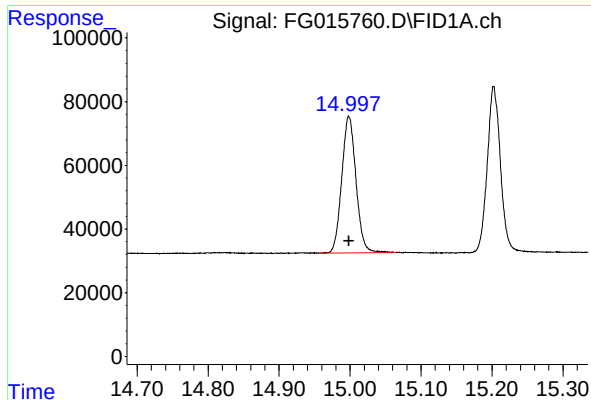
#7 N-EICOSANE

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 691598
Conc: 5.10 ug/ml



#8 N-DOCOSANE

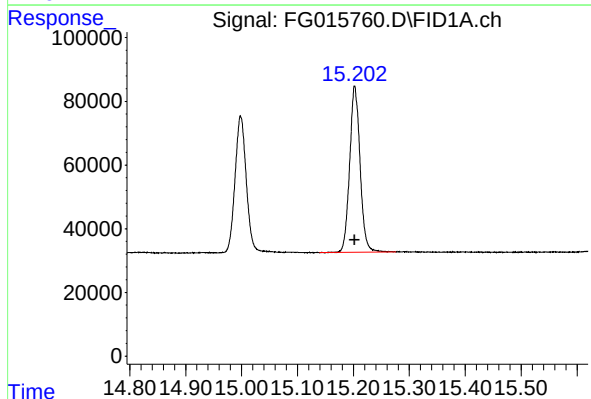
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 675439
Conc: 5.09 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

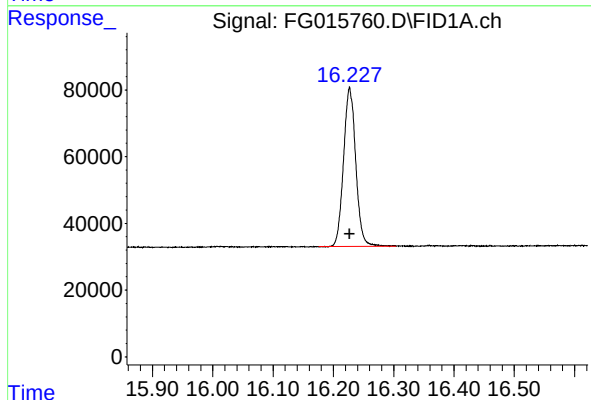
R.T.: 14.998 min
Delta R.T.: 0.000 min
Response: 597973
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



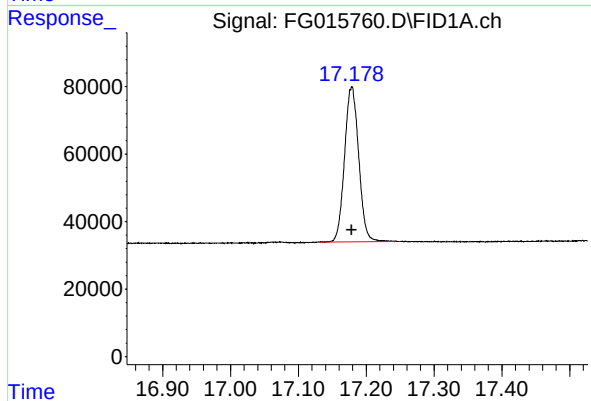
#10 N-TETRACOSANE

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 676031
Conc: 5.09 ug/ml



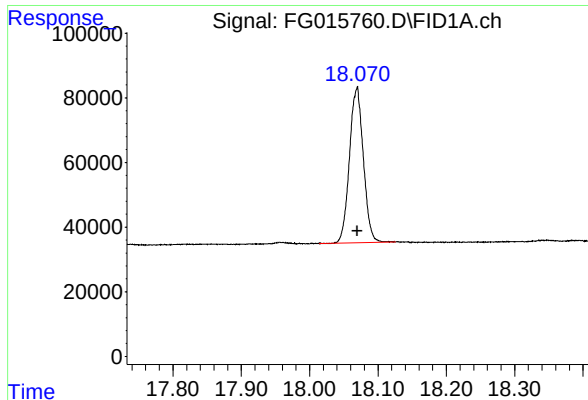
#11 N-HEXACOSANE

R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 669566
Conc: 5.05 ug/ml



#12 N-OCTACOSANE

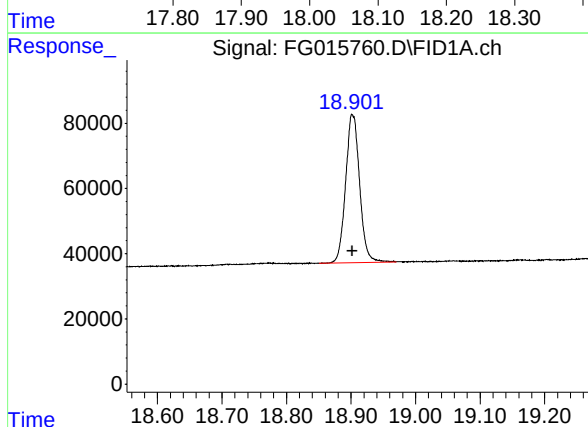
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 665315
Conc: 5.05 ug/ml



#13 N-TRIACONTANE

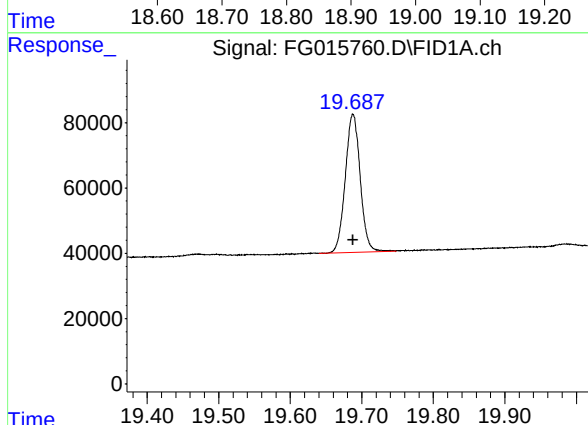
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 677422
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



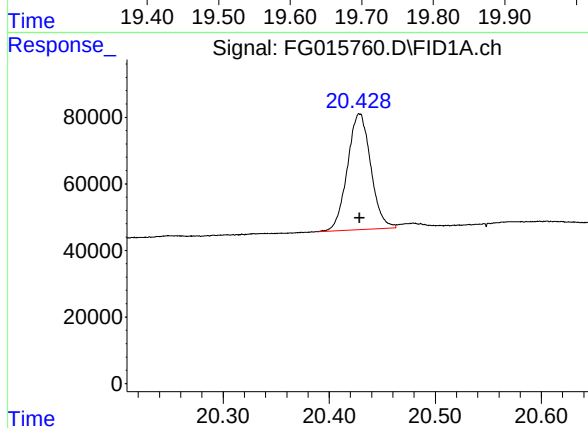
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: 0.000 min
Response: 685497
Conc: 5.20 ug/ml



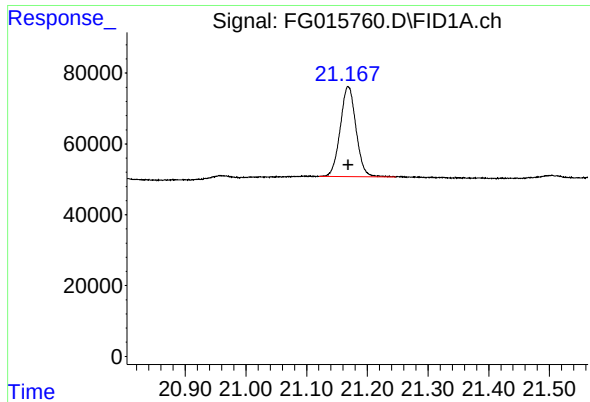
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 612187
Conc: 5.06 ug/ml



#16 N-HEXATRIACONTANE

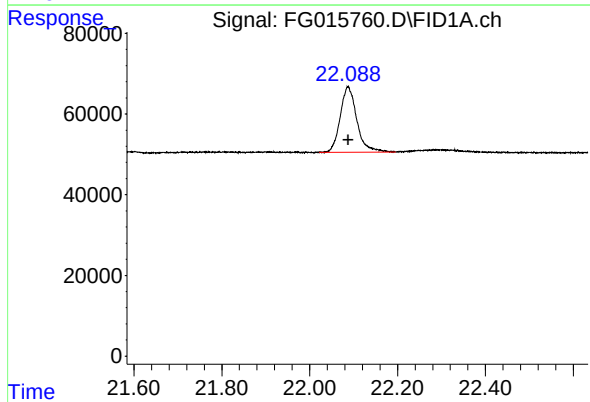
R.T.: 20.429 min
Delta R.T.: 0.000 min
Response: 531350
Conc: 4.96 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.169 min
Delta R.T.: 0.000 min
Response: 459713
Conc: 4.77 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.088 min
Delta R.T.: 0.000 min
Response: 425456
Conc: 4.78 ug/ml