

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051325\
 Data File : FF015848.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2025 00:12
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 05:53:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:50 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...	15.021	5115287	45.329 ug/ml
Target Compounds			
1) N-OCTANE	2.024	4890018	43.135 ug/ml
2) N-DECANE	4.563	5470044	53.604 ug/ml
3) N-DODECANE	6.732	5649385	51.594 ug/ml
4) N-TETRADECANE	8.560	5620247	48.694 ug/ml
5) N-HEXADECANE	10.167	5648090	47.857 ug/ml
6) N-OCTADECANE	11.611	5821774	46.279 ug/ml
7) N-EICOSANE	12.921	5796534	44.432 ug/ml
8) N-DOCOSANE	14.120	5670015	44.513 ug/ml
10) N-TETRACOSANE	15.224	5652393	44.936 ug/ml
11) N-HEXACOSANE	16.246	5531415	45.377 ug/ml
12) N-OCTACOSANE	17.197	5521479	46.662 ug/ml
13) N-TRIACONTANE	18.086	5655748	47.987 ug/ml
14) N-DOTRIACONTANE	18.919	5458063	47.909 ug/ml
15) N-TETRATRIACONTANE	19.701	4570561	45.813 ug/ml
16) N-HEXATRIACONTANE	20.441	3591501	45.015 ug/ml
17) N-OCTATRIACONTANE	21.176	3079366	54.227 ug/ml
18) N-TETRACONTANE	22.089f	2861612	70.370 ug/ml

(f)=RT Delta > 1/2 Window

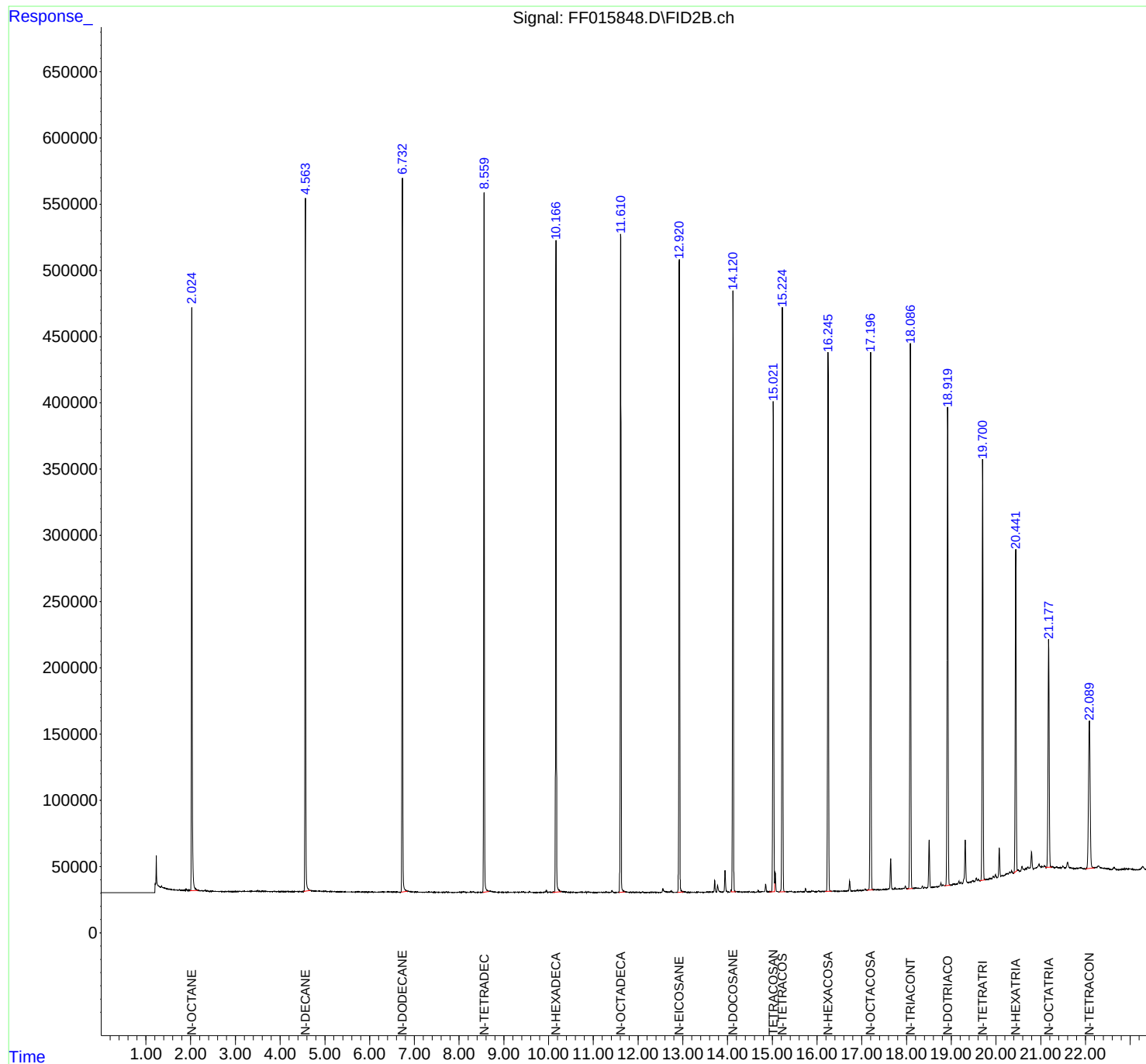
(m)=manual int.

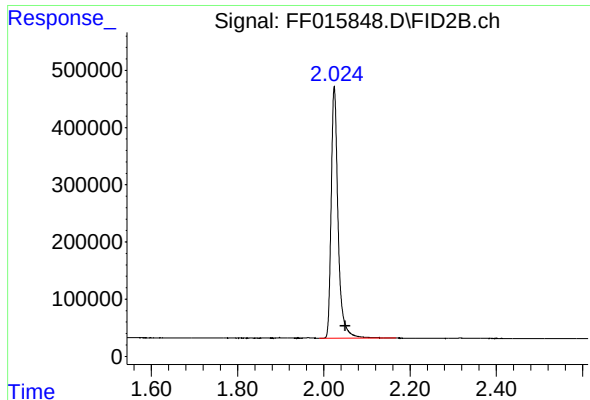
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Signal Info : 20mx0.18mmx0.18um

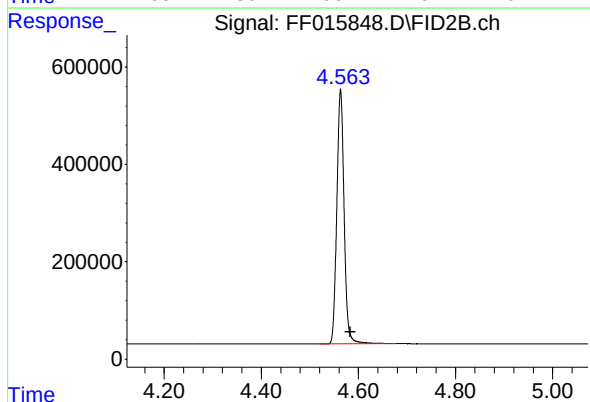




#1 N-OCTANE

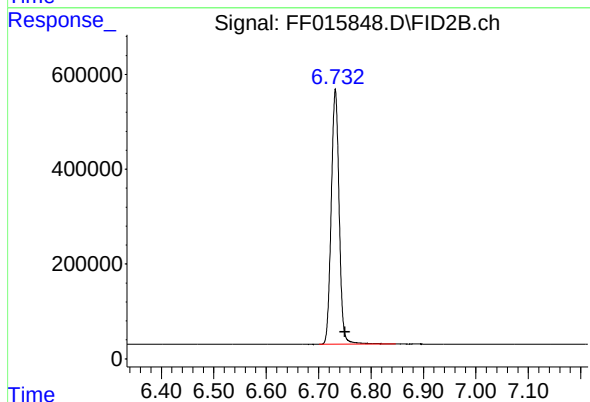
R.T.: 2.024 min
Delta R.T.: -0.026 min
Response: 4890018
Conc: 43.13 ug/ml

Instrument :
FID_F
ClientSampleId :



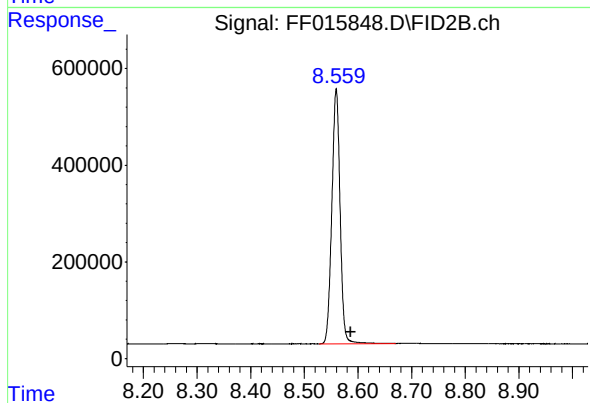
#2 N-DECANE

R.T.: 4.563 min
Delta R.T.: -0.020 min
Response: 5470044
Conc: 53.60 ug/ml



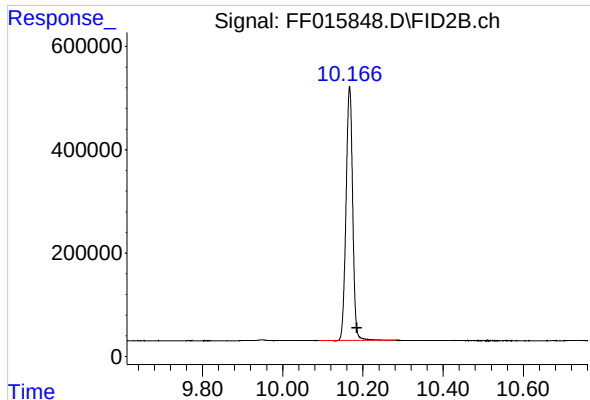
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.018 min
Response: 5649385
Conc: 51.59 ug/ml



#4 N-TETRADECANE

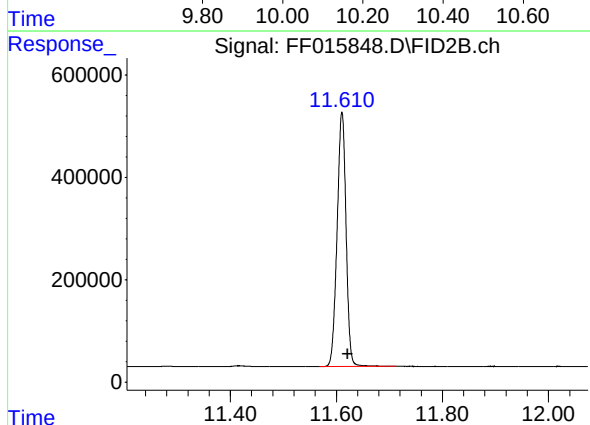
R.T.: 8.560 min
Delta R.T.: -0.027 min
Response: 5620247
Conc: 48.69 ug/ml



#5 N-HEXADECANE

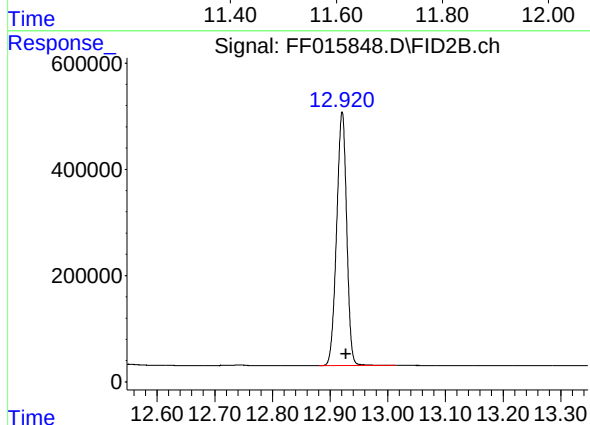
R.T.: 10.167 min
Delta R.T.: -0.018 min
Response: 5648090
Conc: 47.86 ug/ml

Instrument :
FID_F
ClientSampleId :



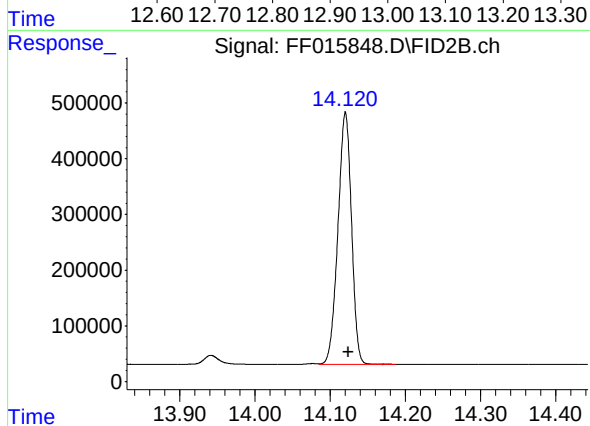
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.011 min
Response: 5821774
Conc: 46.28 ug/ml



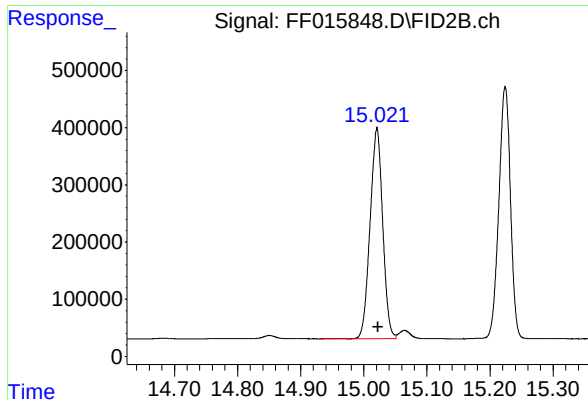
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.006 min
Response: 5796534
Conc: 44.43 ug/ml



#8 N-DOCOSANE

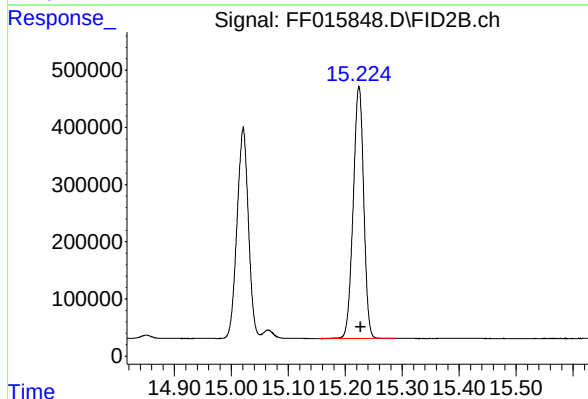
R.T.: 14.120 min
Delta R.T.: -0.004 min
Response: 5670015
Conc: 44.51 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

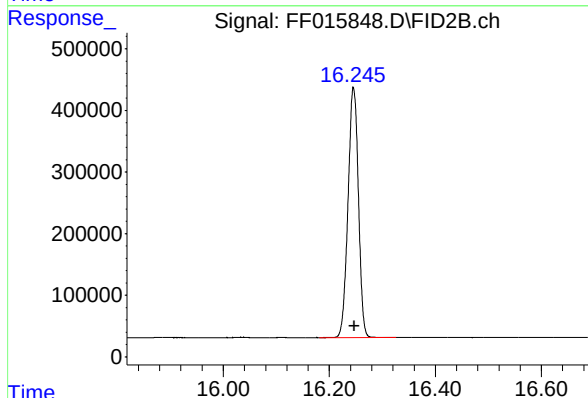
R.T.: 15.021 min
Delta R.T.: -0.002 min
Response: 5115287
Conc: 45.33 ug/ml

Instrument :
FID_F
ClientSampleId :



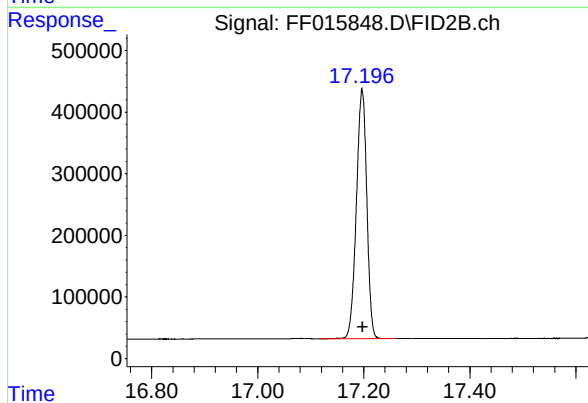
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: -0.003 min
Response: 5652393
Conc: 44.94 ug/ml



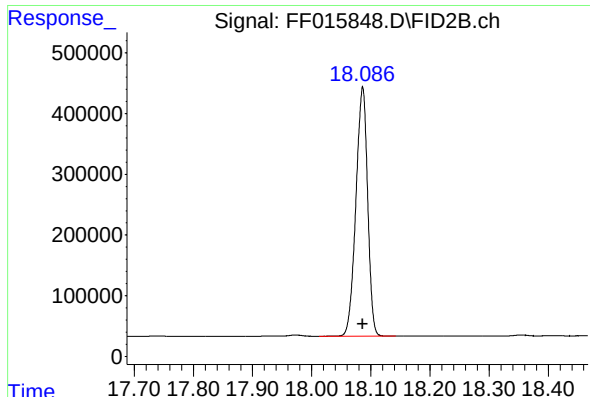
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: -0.002 min
Response: 5531415
Conc: 45.38 ug/ml



#12 N-OCTACOSANE

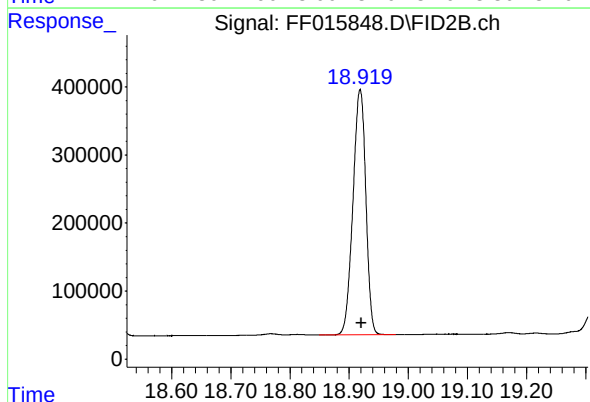
R.T.: 17.197 min
Delta R.T.: -0.001 min
Response: 5521479
Conc: 46.66 ug/ml



#13 N-TRIACONTANE

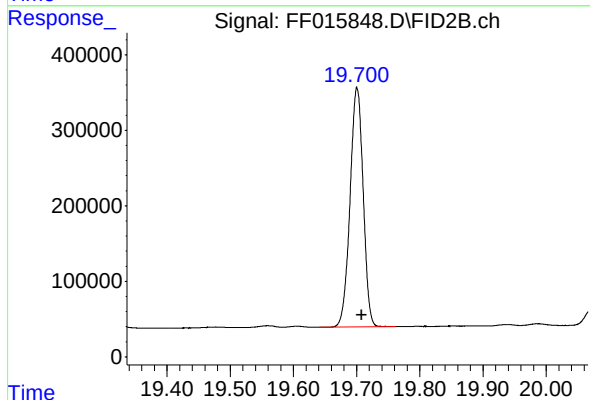
R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 5655748
Conc: 47.99 ug/ml

Instrument :
FID_F
ClientSampleId :



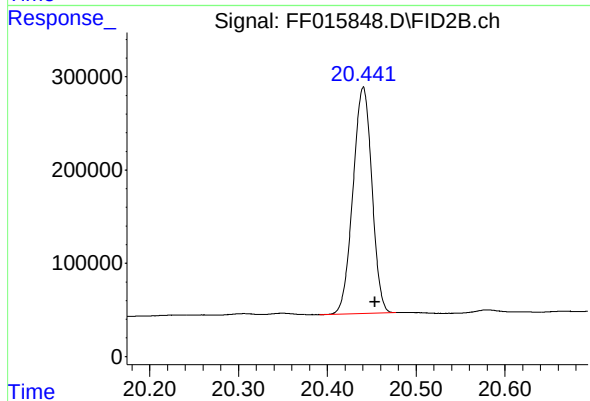
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: -0.002 min
Response: 5458063
Conc: 47.91 ug/ml



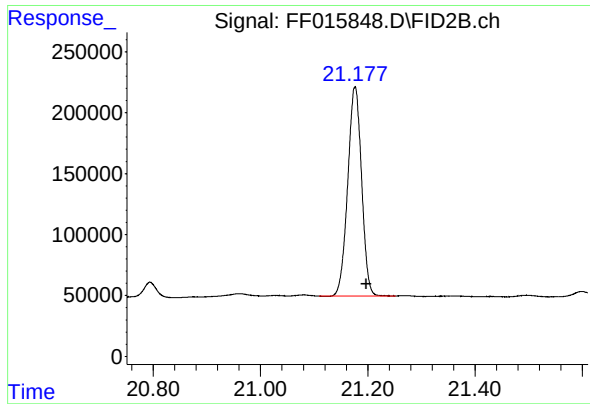
#15 N-TETRATRIACONTANE

R.T.: 19.701 min
Delta R.T.: -0.007 min
Response: 4570561
Conc: 45.81 ug/ml



#16 N-HEXATRIACONTANE

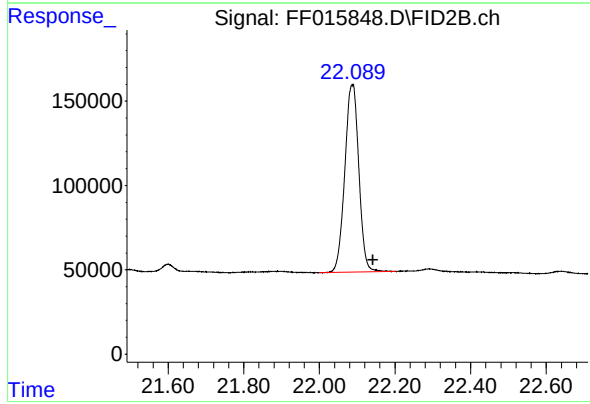
R.T.: 20.441 min
Delta R.T.: -0.013 min
Response: 3591501
Conc: 45.01 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.176 min
Delta R.T.: -0.021 min
Response: 3079366
Conc: 54.23 ug/ml

Instrument :
FID_F
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.089 min
Delta R.T.: -0.053 min
Response: 2861612
Conc: 70.37 ug/ml