

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051325\
 Data File : FF015842.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2025 20:18
 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 05:52:36 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...	15.022	5037510	44.640 ug/ml
Target Compounds			
1) N-OCTANE	2.025	4820631	42.523 ug/ml
2) N-DECANE	4.563	5400573	52.923 ug/ml
3) N-DODECANE	6.733	5576140	50.926 ug/ml
4) N-TETRADECANE	8.560	5542764	48.022 ug/ml
5) N-HEXADECANE	10.168	5564048	47.145 ug/ml
6) N-OCTADECANE	11.612	5741424	45.640 ug/ml
7) N-EICOSANE	12.922	5715579	43.812 ug/ml
8) N-DOCOSANE	14.122	5598526	43.952 ug/ml
10) N-TETRACOSANE	15.226	5579347	44.355 ug/ml
11) N-HEXACOSANE	16.247	5444375	44.663 ug/ml
12) N-OCTACOSANE	17.198	5431548	45.902 ug/ml
13) N-TRIACONTANE	18.086	5576045	47.311 ug/ml
14) N-DOTRIACONTANE	18.919	5400056	47.400 ug/ml
15) N-TETRATRIACONTANE	19.701	4499887	45.105 ug/ml
16) N-HEXATRIACONTANE	20.441	3550448	44.500 ug/ml
17) N-OCTATRIACONTANE	21.177	3133869	55.187 ug/ml
18) N-TETRACONTANE	22.089f	2953182	72.622 ug/ml

(f)=RT Delta > 1/2 Window

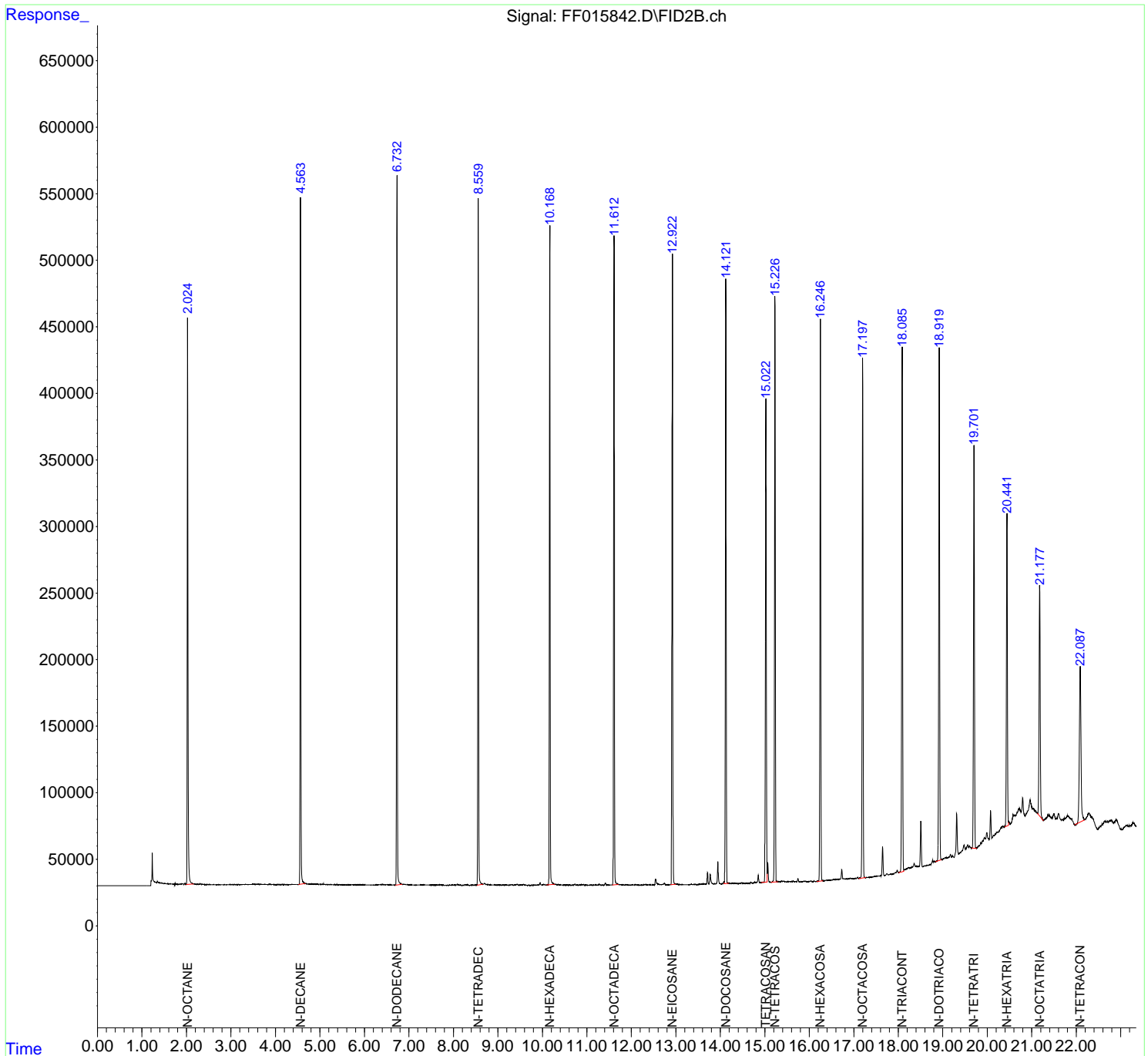
(m)=manual int.

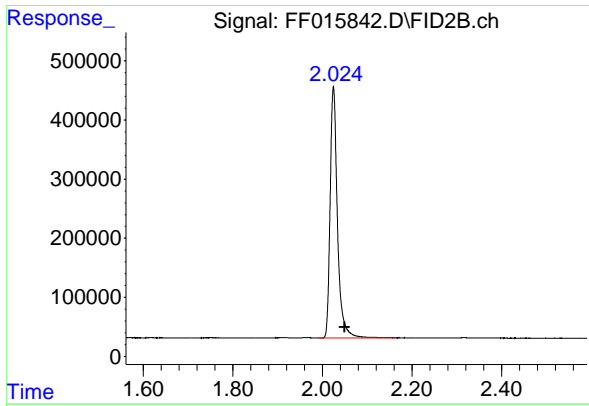
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 Signal Info : 20mx0.18mmx0.18um

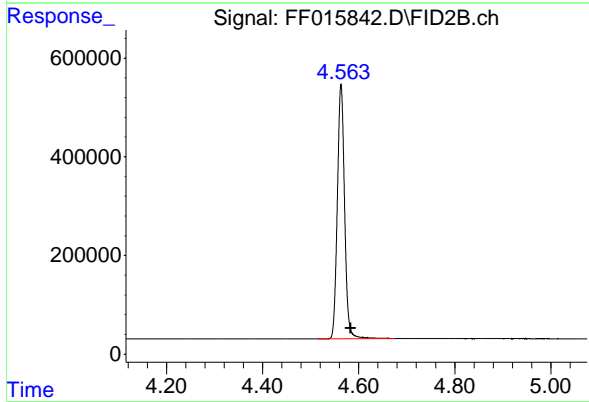




#1 N-OCTANE

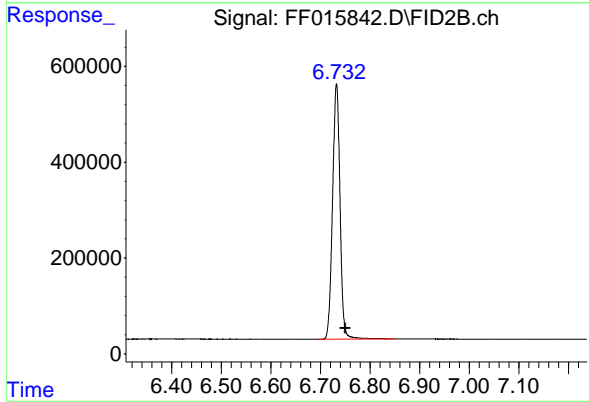
R.T.: 2.025 min
Delta R.T.: -0.025 min
Response: 4820631
Conc: 42.52 ug/ml

Instrument :
FID_F
ClientSampleId :



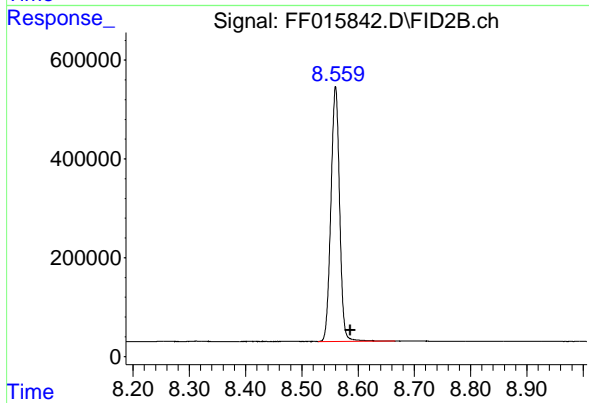
#2 N-DECANE

R.T.: 4.563 min
Delta R.T.: -0.020 min
Response: 5400573
Conc: 52.92 ug/ml



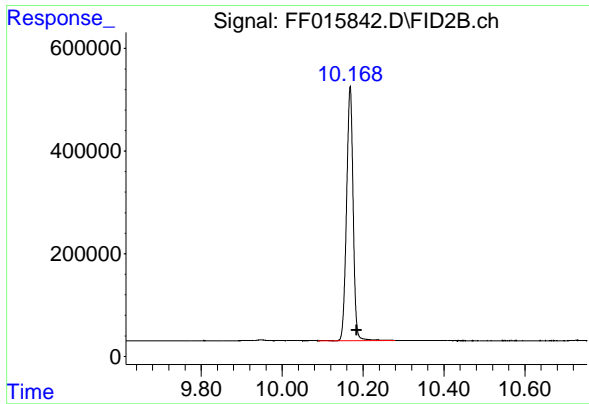
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: -0.018 min
Response: 5576140
Conc: 50.93 ug/ml



#4 N-TETRADECANE

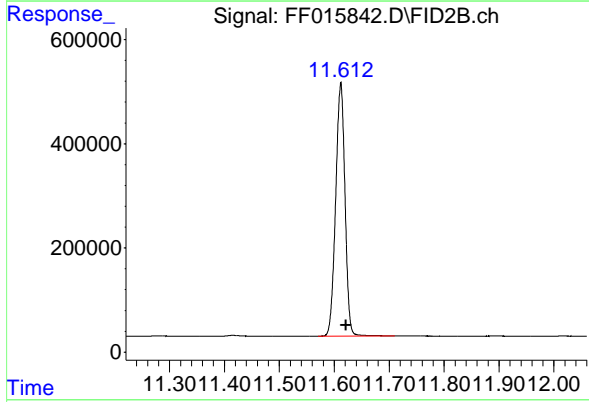
R.T.: 8.560 min
Delta R.T.: -0.026 min
Response: 5542764
Conc: 48.02 ug/ml



#5 N-HEXADECANE

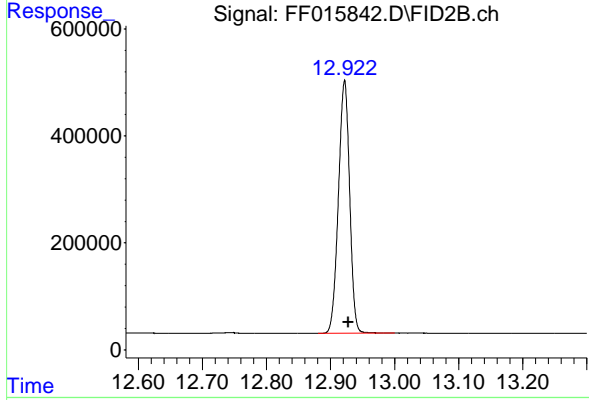
R.T.: 10.168 min
Delta R.T.: -0.016 min
Response: 5564048
Conc: 47.15 ug/ml

Instrument :
FID_F
ClientSampleId :



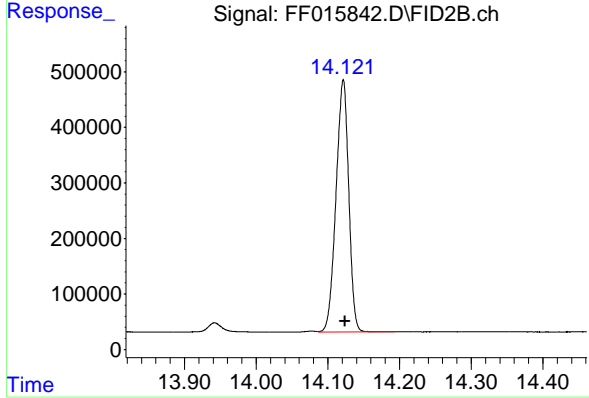
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: -0.009 min
Response: 5741424
Conc: 45.64 ug/ml



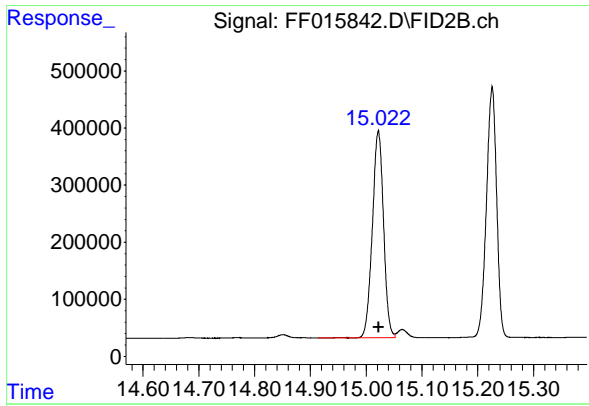
#7 N-EICOSANE

R.T.: 12.922 min
Delta R.T.: -0.005 min
Response: 5715579
Conc: 43.81 ug/ml



#8 N-DOCOSANE

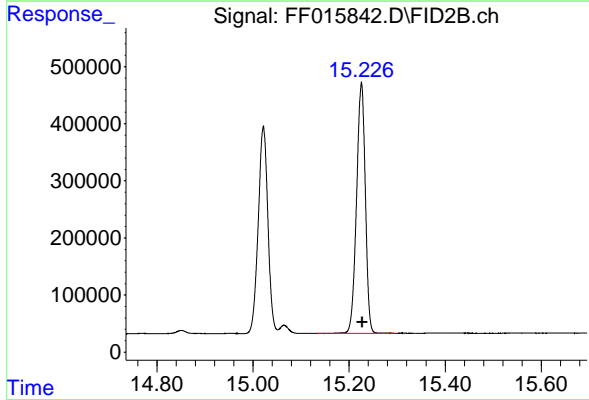
R.T.: 14.122 min
Delta R.T.: -0.002 min
Response: 5598526
Conc: 43.95 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

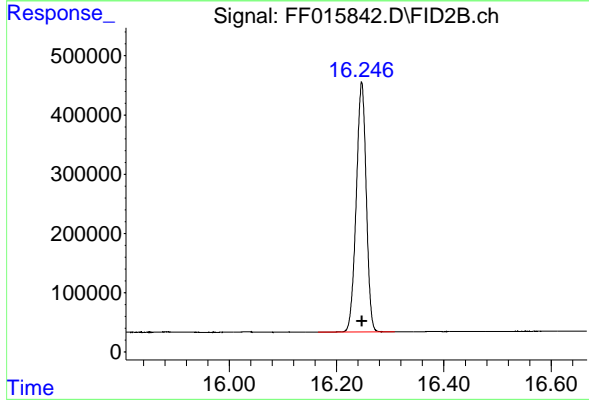
R.T.: 15.022 min
 Delta R.T.: 0.000 min
 Response: 5037510
 Conc: 44.64 ug/ml

Instrument :
 FID_F
 ClientSampleId :



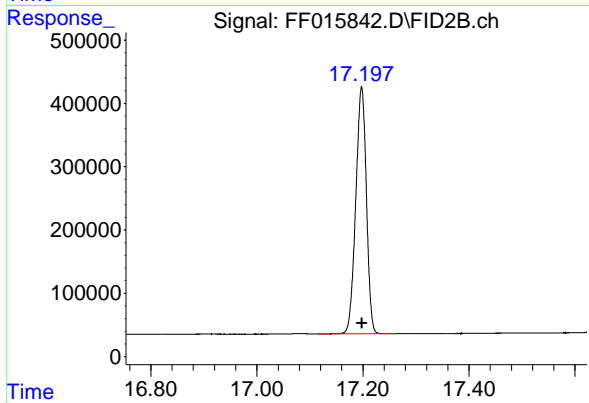
#10 N-TETRACOSANE

R.T.: 15.226 min
 Delta R.T.: -0.001 min
 Response: 5579347
 Conc: 44.36 ug/ml



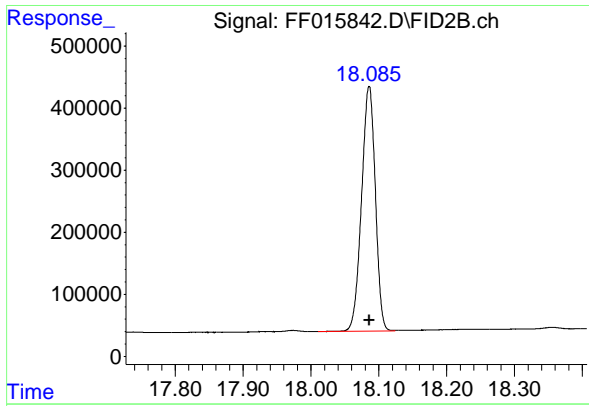
#11 N-HEXACOSANE

R.T.: 16.247 min
 Delta R.T.: 0.000 min
 Response: 5444375
 Conc: 44.66 ug/ml



#12 N-OCTACOSANE

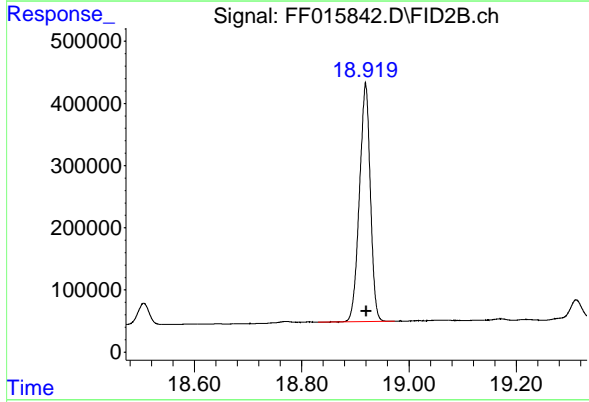
R.T.: 17.198 min
 Delta R.T.: 0.000 min
 Response: 5431548
 Conc: 45.90 ug/ml



#13 N-TRIACONTANE

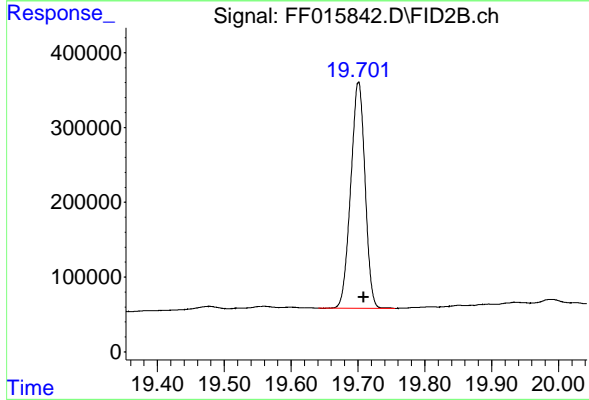
R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 5576045
Conc: 47.31 ug/ml

Instrument :
FID_F
ClientSampleId :



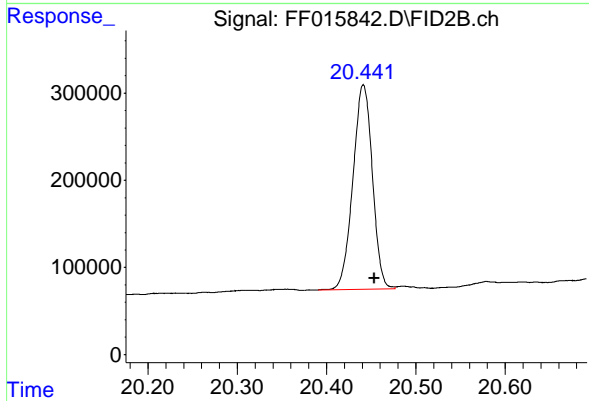
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: -0.002 min
Response: 5400056
Conc: 47.40 ug/ml



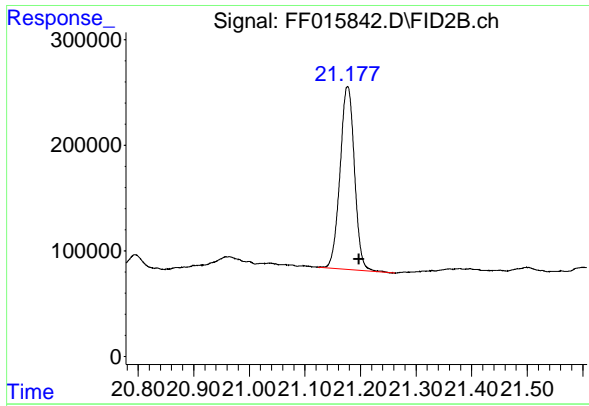
#15 N-TETRATRIACONTANE

R.T.: 19.701 min
Delta R.T.: -0.007 min
Response: 4499887
Conc: 45.10 ug/ml



#16 N-HEXATRIACONTANE

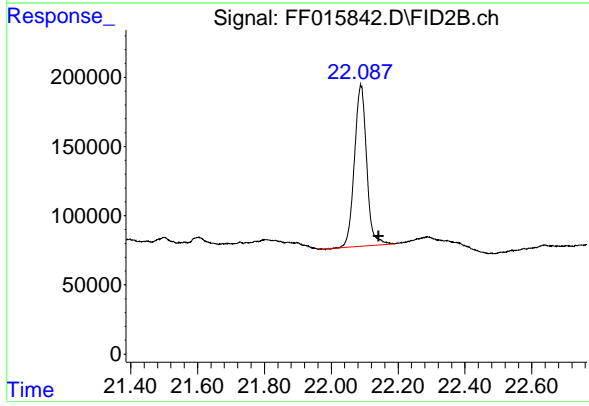
R.T.: 20.441 min
Delta R.T.: -0.013 min
Response: 3550448
Conc: 44.50 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.177 min
Delta R.T.: -0.021 min
Response: 3133869
Conc: 55.19 ug/ml

Instrument :
FID_F
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.089 min
Delta R.T.: -0.053 min
Response: 2953182
Conc: 72.62 ug/ml