

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050725\
 Data File : FF015797.D
 Signal(s) : FID2B.ch
 Acq On : 07 May 2025 13:16
 Operator : YP\AJ
 Sample : PB167887BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB167887BS

Integration File: autoint1.e
 Quant Time: May 08 05:35:31 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...	15.019	2004447	17.762 ug/ml
Target Compounds			
1) N-OCTANE	2.026	2020750	17.825 ug/ml
2) N-DECANE	4.564	2055625	20.144 ug/ml
3) N-DODECANE	6.731	2113939	19.306 ug/ml
4) N-TETRADECANE	8.559	2129234	18.448 ug/ml
5) N-HEXADECANE	10.166	2125826	18.013 ug/ml
6) N-OCTADECANE	11.609	2213815	17.598 ug/ml
7) N-EICOSANE	12.920	2285256	17.517 ug/ml
8) N-DOCOSANE	14.119	2234340	17.541 ug/ml
10) N-TETRACOSANE	15.223	2244989	17.847 ug/ml
11) N-HEXACOSANE	16.245	2223179	18.238 ug/ml
12) N-OCTACOSANE	17.196	2200437	18.596 ug/ml
13) N-TRIACONTANE	18.084	2217798	18.817 ug/ml
14) N-DOTRIACONTANE	18.917	2321371	20.376 ug/ml
15) N-TETRATRIACONTANE	19.701	2048487	20.533 ug/ml
16) N-HEXATRIACONTANE	20.441	1915038	24.003 ug/ml
17) N-OCTATRIACONTANE	21.176	1787753	31.482 ug/ml
18) N-TETRACONTANE	22.086	1958029	48.150 ug/ml

(f)=RT Delta > 1/2 Window

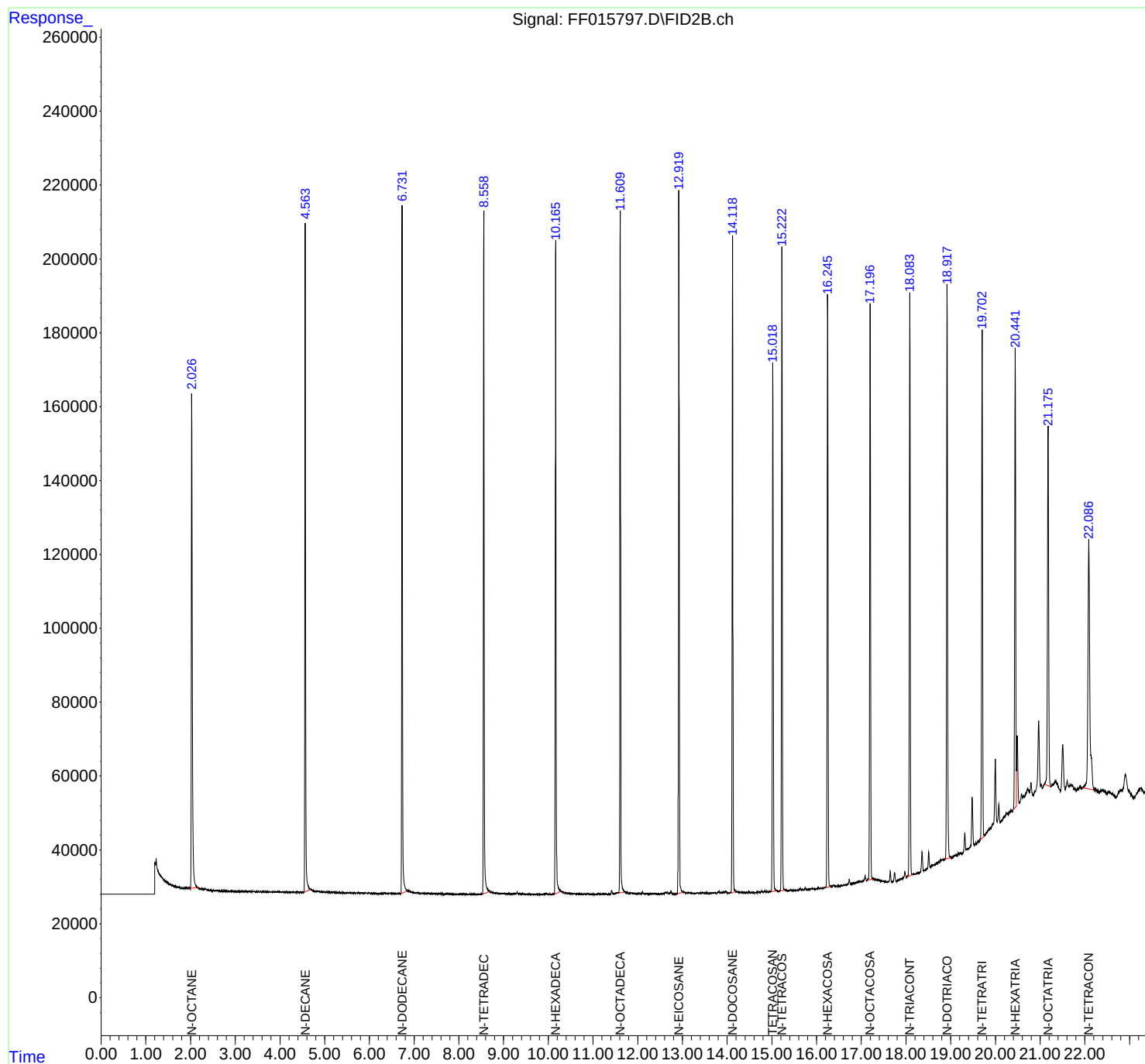
(m)=manual int.

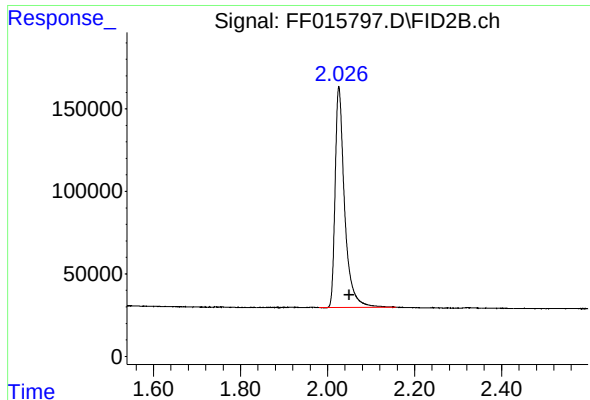
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

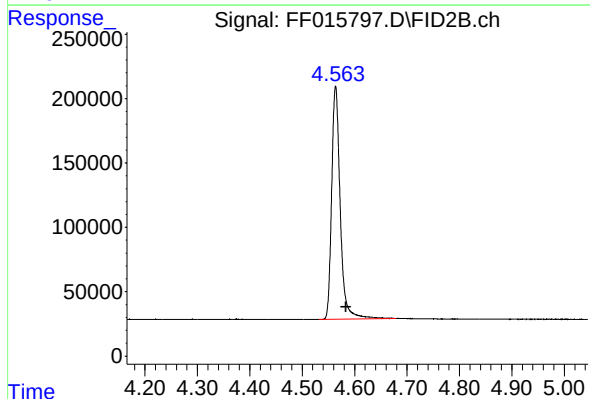




#1 N-OCTANE

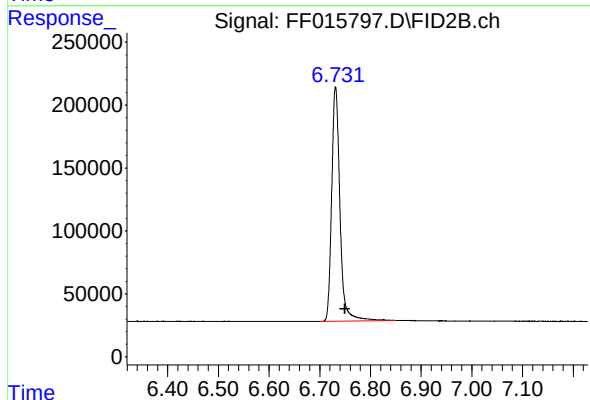
R.T.: 2.026 min
Delta R.T.: -0.024 min
Response: 2020750
Conc: 17.83 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167887BS



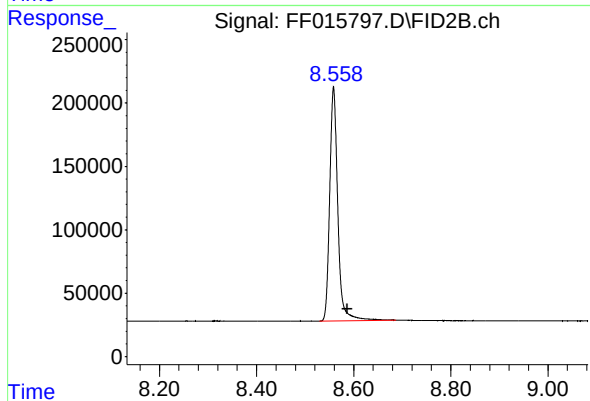
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.020 min
Response: 2055625
Conc: 20.14 ug/ml



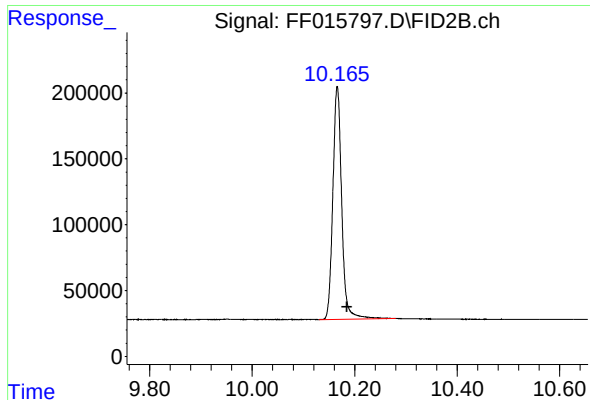
#3 N-DODECANE

R.T.: 6.731 min
Delta R.T.: -0.019 min
Response: 2113939
Conc: 19.31 ug/ml



#4 N-TETRADECANE

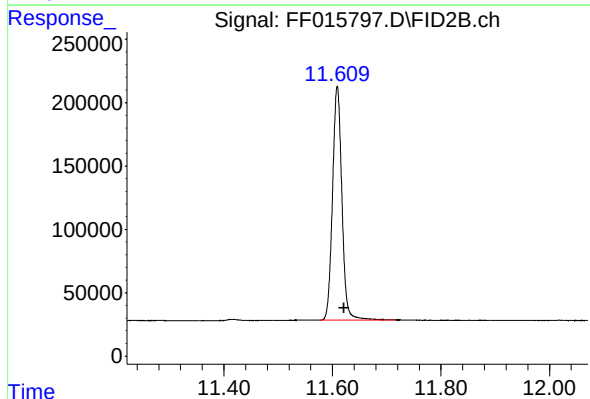
R.T.: 8.559 min
Delta R.T.: -0.028 min
Response: 2129234
Conc: 18.45 ug/ml



#5 N-HEXADECANE

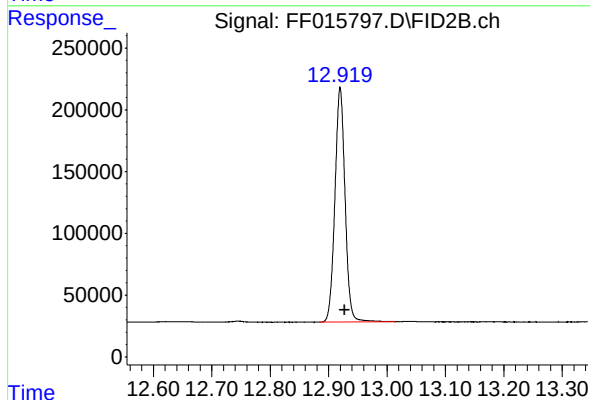
R.T.: 10.166 min
Delta R.T.: -0.019 min
Response: 2125826
Conc: 18.01 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167887BS



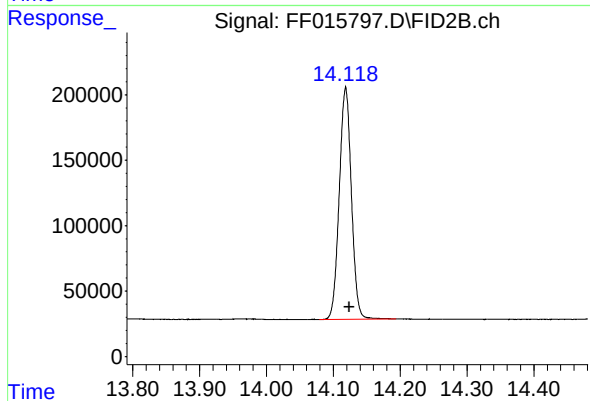
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: -0.012 min
Response: 2213815
Conc: 17.60 ug/ml



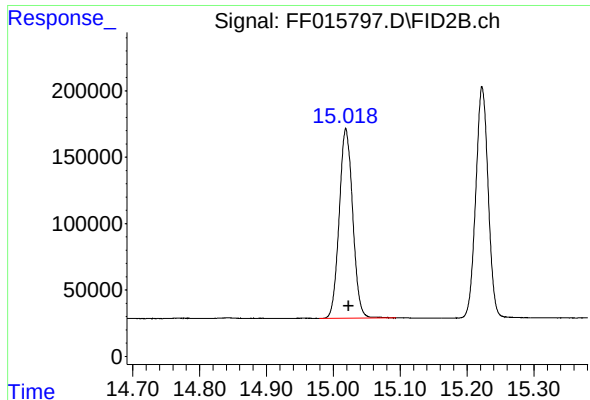
#7 N-EICOSANE

R.T.: 12.920 min
Delta R.T.: -0.007 min
Response: 2285256
Conc: 17.52 ug/ml



#8 N-DOCOSANE

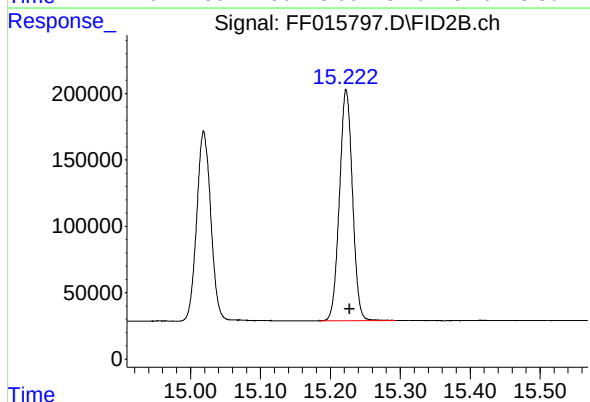
R.T.: 14.119 min
Delta R.T.: -0.005 min
Response: 2234340
Conc: 17.54 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

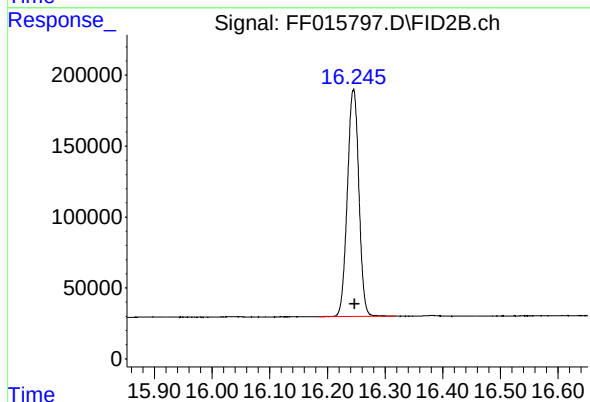
R.T.: 15.019 min
Delta R.T.: -0.004 min
Response: 2004447
Conc: 17.76 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167887BS



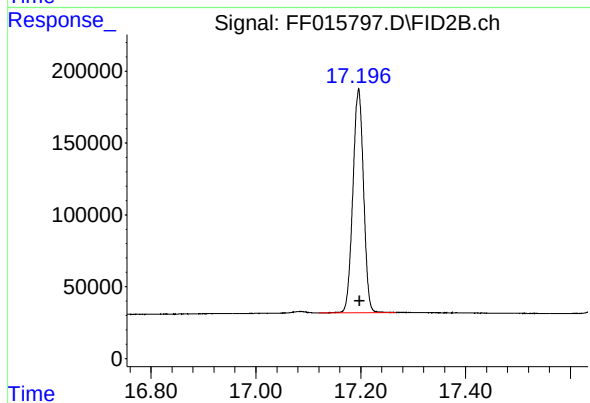
#10 N-TETRACOSANE

R.T.: 15.223 min
Delta R.T.: -0.005 min
Response: 2244989
Conc: 17.85 ug/ml



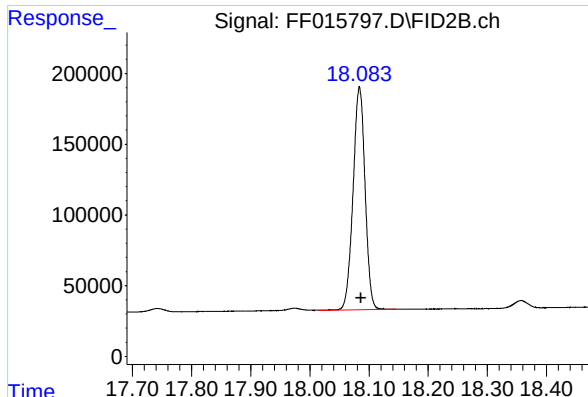
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: -0.002 min
Response: 2223179
Conc: 18.24 ug/ml



#12 N-OCTACOSANE

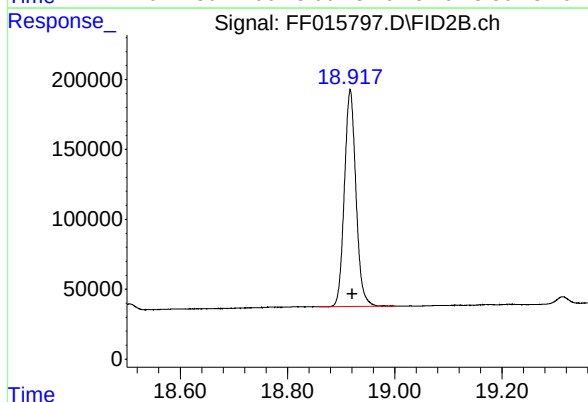
R.T.: 17.196 min
Delta R.T.: -0.002 min
Response: 2200437
Conc: 18.60 ug/ml



#13 N-TRIACONTANE

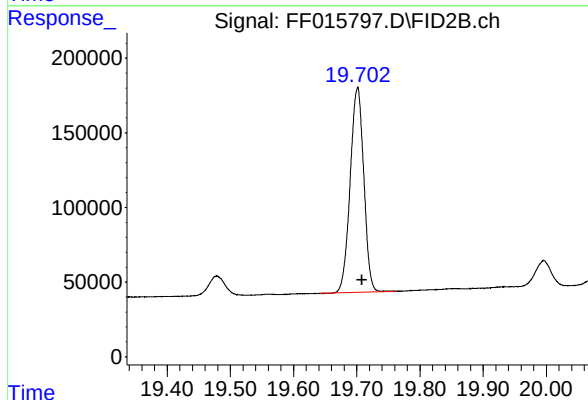
R.T.: 18.084 min
Delta R.T.: -0.002 min
Response: 2217798
Conc: 18.82 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167887BS



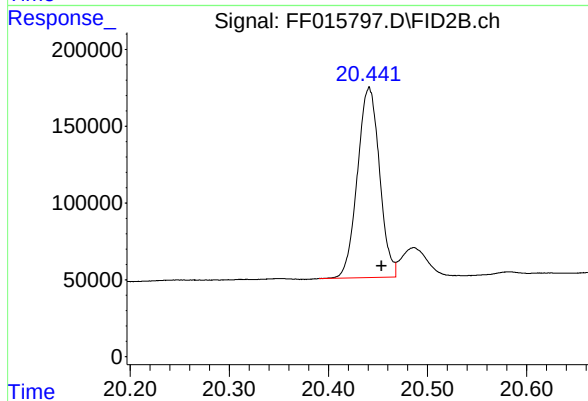
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: -0.004 min
Response: 2321371
Conc: 20.38 ug/ml



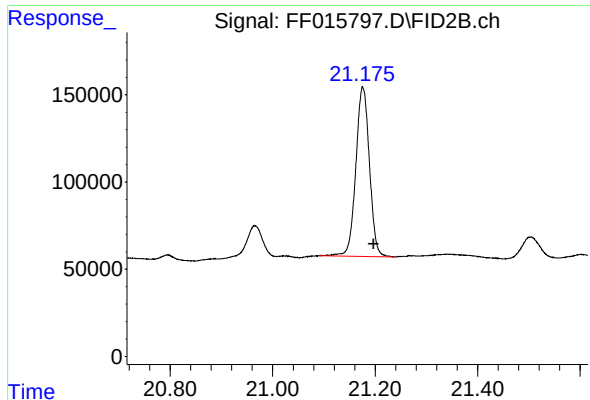
#15 N-TETRATRIACONTANE

R.T.: 19.701 min
Delta R.T.: -0.007 min
Response: 2048487
Conc: 20.53 ug/ml



#16 N-HEXATRIACONTANE

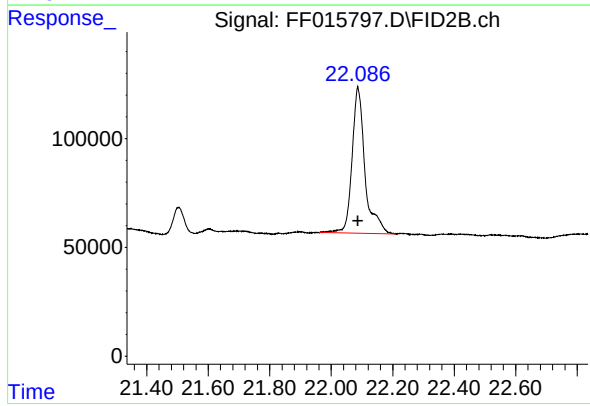
R.T.: 20.441 min
Delta R.T.: -0.013 min
Response: 1915038
Conc: 24.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.176 min
Delta R.T.: -0.022 min
Response: 1787753
Conc: 31.48 ug/ml

Instrument :
FID_F
ClientSampleId :
PB167887BS



#18 N-TETRACONTANE

R.T.: 22.086 min
Delta R.T.: -0.002 min
Response: 1958029
Conc: 48.15 ug/ml