Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041123\
Data File : FF012459.D
Signal(s) : FID2B.ch
Acq On : 11 Apr 2023 17:24
Operator : YP\AJ
Sample : O2262-11MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :

Integration File: autoint1.e
Quant Time: Apr 12 02:25:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
Quant Title :
QLast Update : Wed Mar 15 18:07:23 2023
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...	15.020	2942350	26.291 ug/ml
	Target Compounds			
1)	N-OCTANE	2.061	1369107	10.796 ug/ml
2)	N-DECANE	4.578	1643148	13.124 ug/ml
3)	N-DODECANE	6.740	1766592	14.250 ug/ml
4)	N-TETRADECANE	8.566	1775961	13.629 ug/ml
5)	N-HEXADECANE	10.171	2010929	15.070 ug/ml
6)	N-OCTADECANE	11.612	2128357	15.845 ug/ml
7)	N-EICOSANE	12.923	2225184	16.727 ug/ml
8)	N-DOCOSANE	14.122	2807267	22.092 ug/ml
10)	N-TETRACOSANE	15.222	4641456	37.218 ug/ml
11)	N-HEXACOSANE	16.245	2595133	21.673 ug/ml
12)	N-OCTACOSANE	17.194	2121376	18.442 ug/ml
13)	N-TRIACONTANE	18.079	2208444	20.070 ug/ml
14)	N-DOTRIACONTANE	18.910	2415527	23.274 ug/ml
15)	N-TETRATRIACONTANE	19.693	1969369	20.816 ug/ml
16)	N-HEXATRIACONTANE	20.432	2125504	24.261 ug/ml
17)	N-OCTATRIACONTANE	21.166	2118280	25.584 ug/ml
18)	N-TETRACONTANE	22.076	2300445	28.161 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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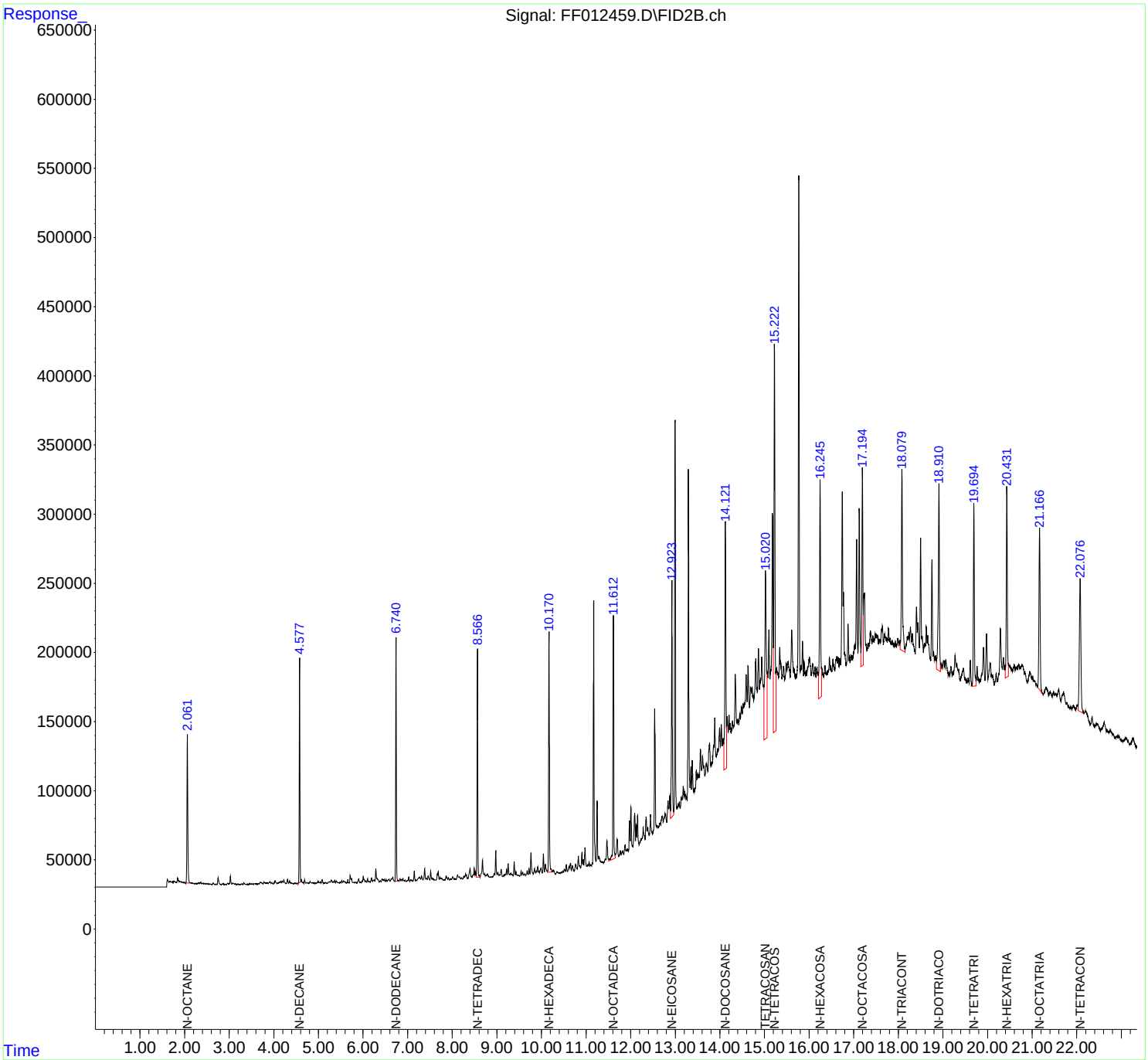
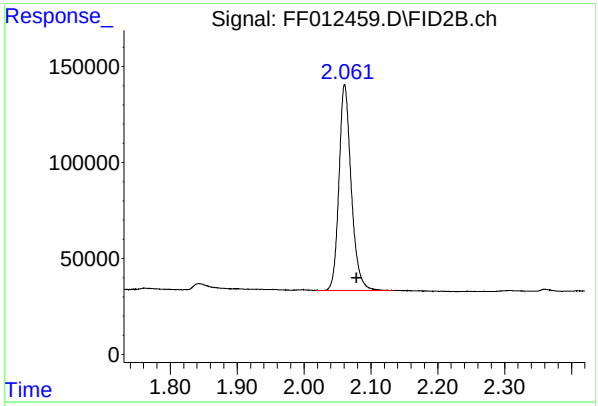
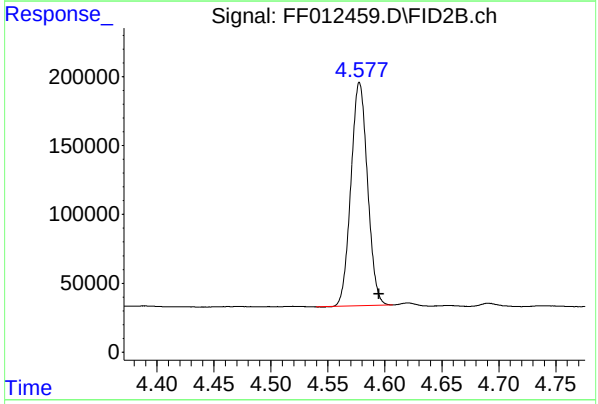




#1 N-OCTANE

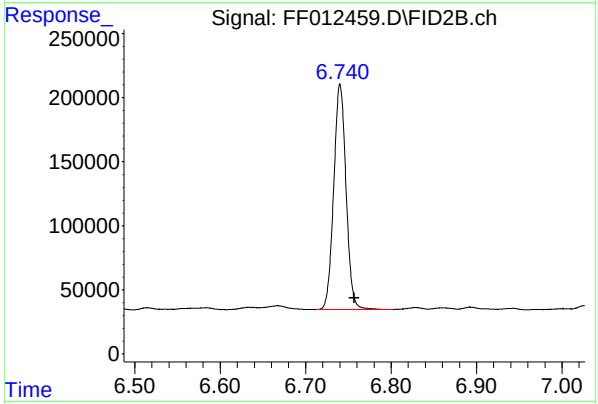
R.T.: 2.061 min
Delta R.T.: -0.018 min
Response: 1369107
Conc: 10.80 ug/ml

Instrument :
FID_F
ClientSampleId :



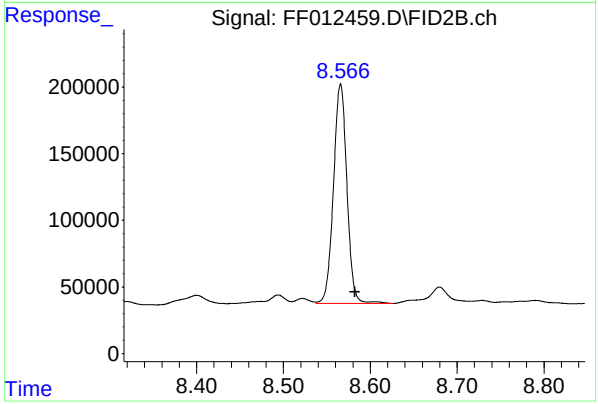
#2 N-DECANE

R.T.: 4.578 min
Delta R.T.: -0.017 min
Response: 1643148
Conc: 13.12 ug/ml



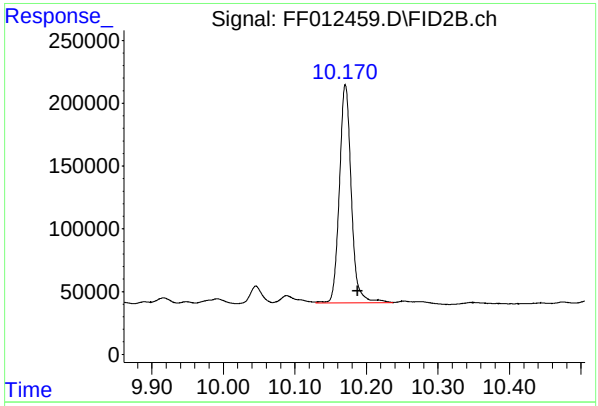
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: -0.017 min
Response: 1766592
Conc: 14.25 ug/ml



#4 N-TETRADECANE

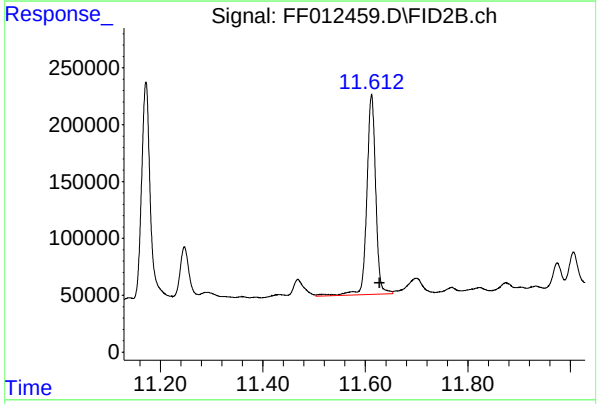
R.T.: 8.566 min
Delta R.T.: -0.017 min
Response: 1775961
Conc: 13.63 ug/ml



#5 N-HEXADECANE

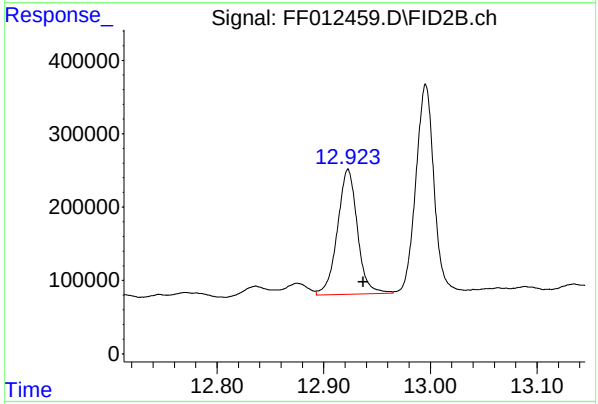
R.T.: 10.171 min
Delta R.T.: -0.017 min
Response: 2010929
Conc: 15.07 ug/ml

Instrument :
FID_F
ClientSampleId :



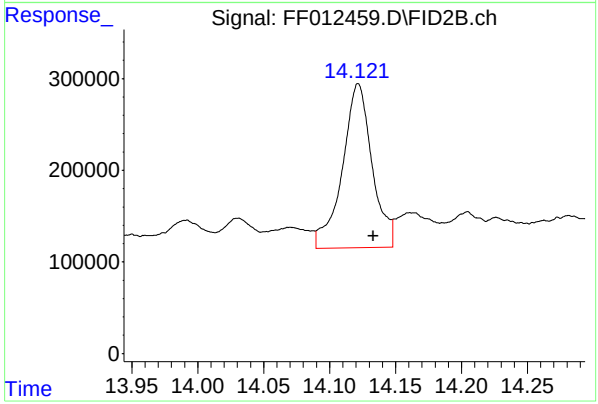
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: -0.016 min
Response: 2128357
Conc: 15.84 ug/ml



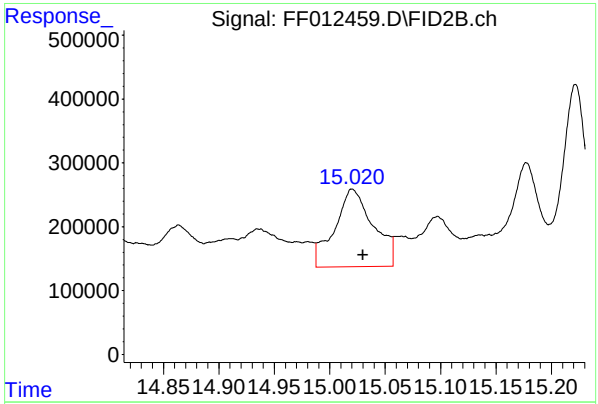
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: -0.014 min
Response: 2225184
Conc: 16.73 ug/ml



#8 N-DOCOSANE

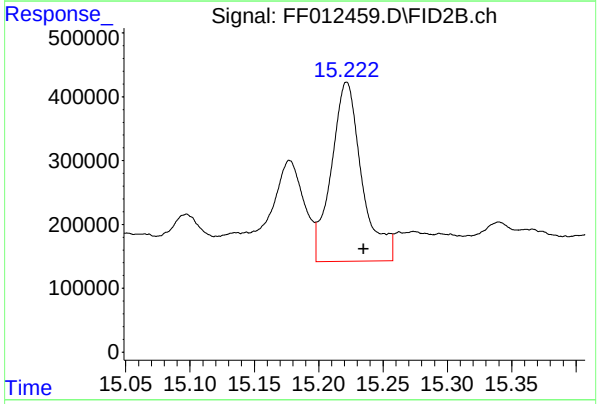
R.T.: 14.122 min
Delta R.T.: -0.011 min
Response: 2807267
Conc: 22.09 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

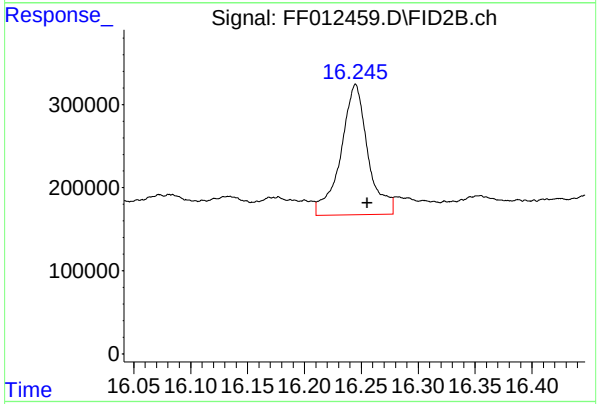
R.T.: 15.020 min
Delta R.T.: -0.010 min
Response: 2942350
Conc: 26.29 ug/ml

Instrument :
FID_F
ClientSampleId :



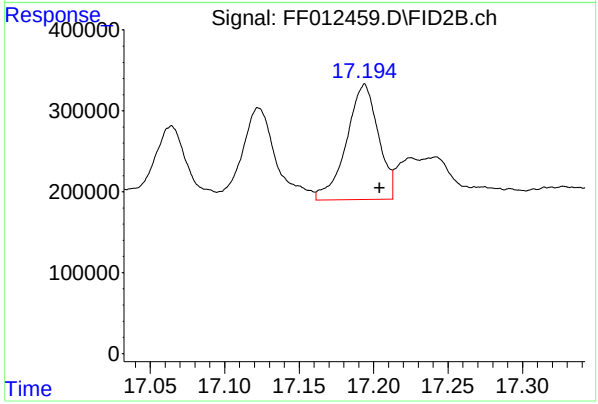
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: -0.013 min
Response: 4641456
Conc: 37.22 ug/ml



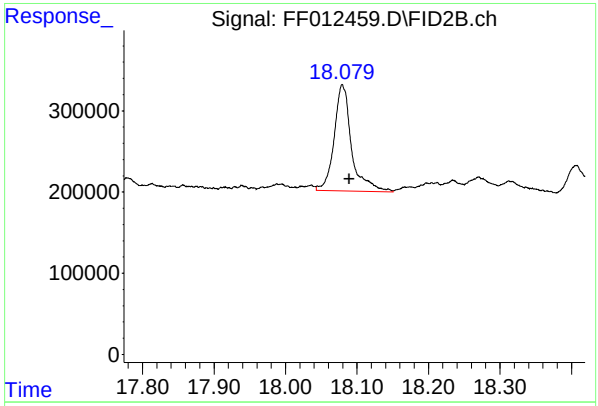
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: -0.010 min
Response: 2595133
Conc: 21.67 ug/ml



#12 N-OCTACOSANE

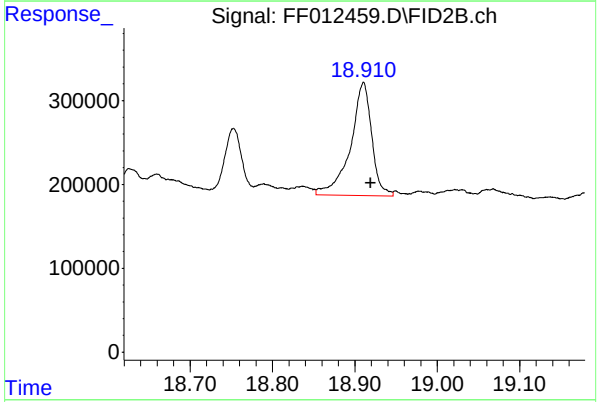
R.T.: 17.194 min
Delta R.T.: -0.010 min
Response: 2121376
Conc: 18.44 ug/ml



#13 N-TRIACONTANE

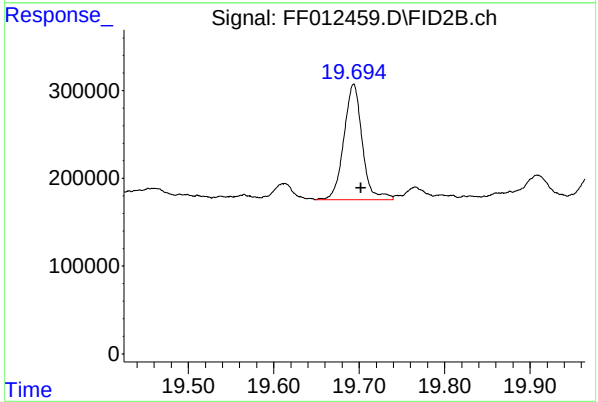
R.T.: 18.079 min
Delta R.T.: -0.010 min
Response: 2208444
Conc: 20.07 ug/ml

Instrument :
FID_F
ClientSampleId :



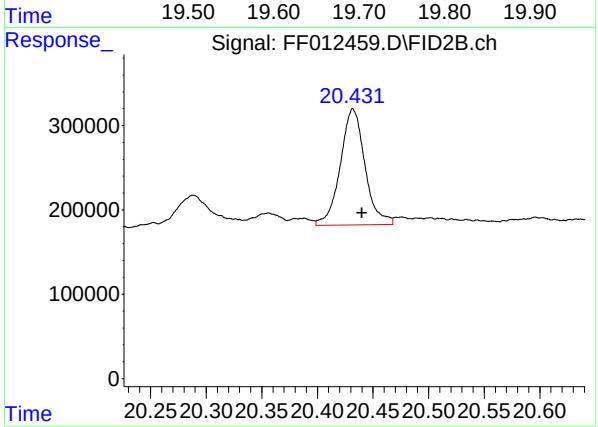
#14 N-DOTRIACONTANE

R.T.: 18.910 min
Delta R.T.: -0.009 min
Response: 2415527
Conc: 23.27 ug/ml



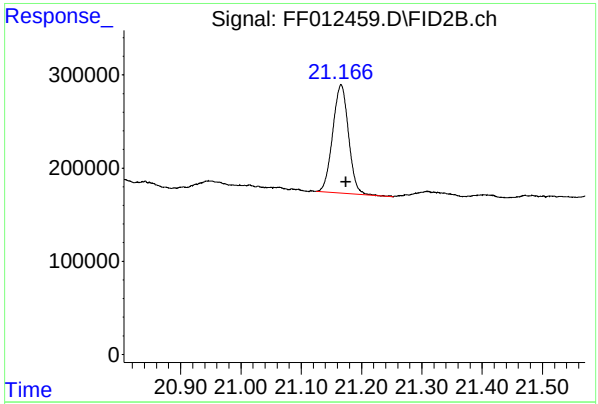
#15 N-TETRATRIACONTANE

R.T.: 19.693 min
Delta R.T.: -0.009 min
Response: 1969369
Conc: 20.82 ug/ml



#16 N-HEXATRIACONTANE

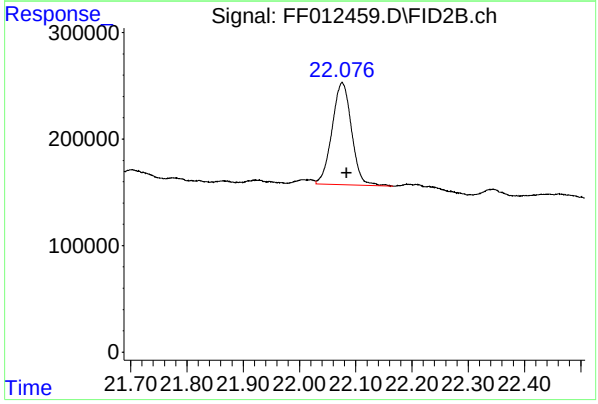
R.T.: 20.432 min
Delta R.T.: -0.008 min
Response: 2125504
Conc: 24.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.166 min
Delta R.T.: -0.008 min
Response: 2118280
Conc: 25.58 ug/ml

Instrument :
FID_F
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.076 min
Delta R.T.: -0.008 min
Response: 2300445
Conc: 28.16 ug/ml