Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070920\
Data File : FF007132.D
Signal(s) : FID2B.ch
Acq On : 09 Jul 2020 13:56
Operator : DD\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 10 01:26:51 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061520.M
Quant Title :
QLast Update : Tue Jun 16 04:06:59 2020
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...	14.749	6244878	53.049	ug/ml
	Target Compounds				
1)	N-OCTANE	2.347	7076402	52.880	ug/ml
2)	N-DECANE	4.466	7550419	55.175	ug/ml
3)	N-DODECANE	6.491	7484801	54.544	ug/ml
4)	N-TETRADECANE	8.287	7357692	53.825	ug/ml
5)	N-HEXADECANE	9.890	7302494	53.563	ug/ml
6)	N-OCTADECANE	11.334	7362271	53.471	ug/ml
7)	N-EICOSANE	12.646	7274685	53.256	ug/ml
8)	N-DOCOSANE	13.847	7205364	52.874	ug/ml
10)	N-TETRACOSANE	14.954	7193193	43.741	ug/ml
11)	N-HEXACOSANE	15.977	7066497	49.379	ug/ml
12)	N-OCTACOSANE	16.930	7091979	47.570	ug/ml
13)	N-TRIACONTANE	17.819	7215524	48.083	ug/ml
14)	N-DOTRIACONTANE	18.654	6899835	49.940	ug/ml
15)	N-TETRATRIACONTANE	19.439	5820713	52.468	ug/ml
16)	N-HEXATRIACONTANE	20.183	4489222	54.357	ug/ml
17)	N-OCTATRIACONTANE	20.940	3611784	52.845	ug/ml
18)	N-TETRACONTANE	21.888	3108252	51.262	ug/ml

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

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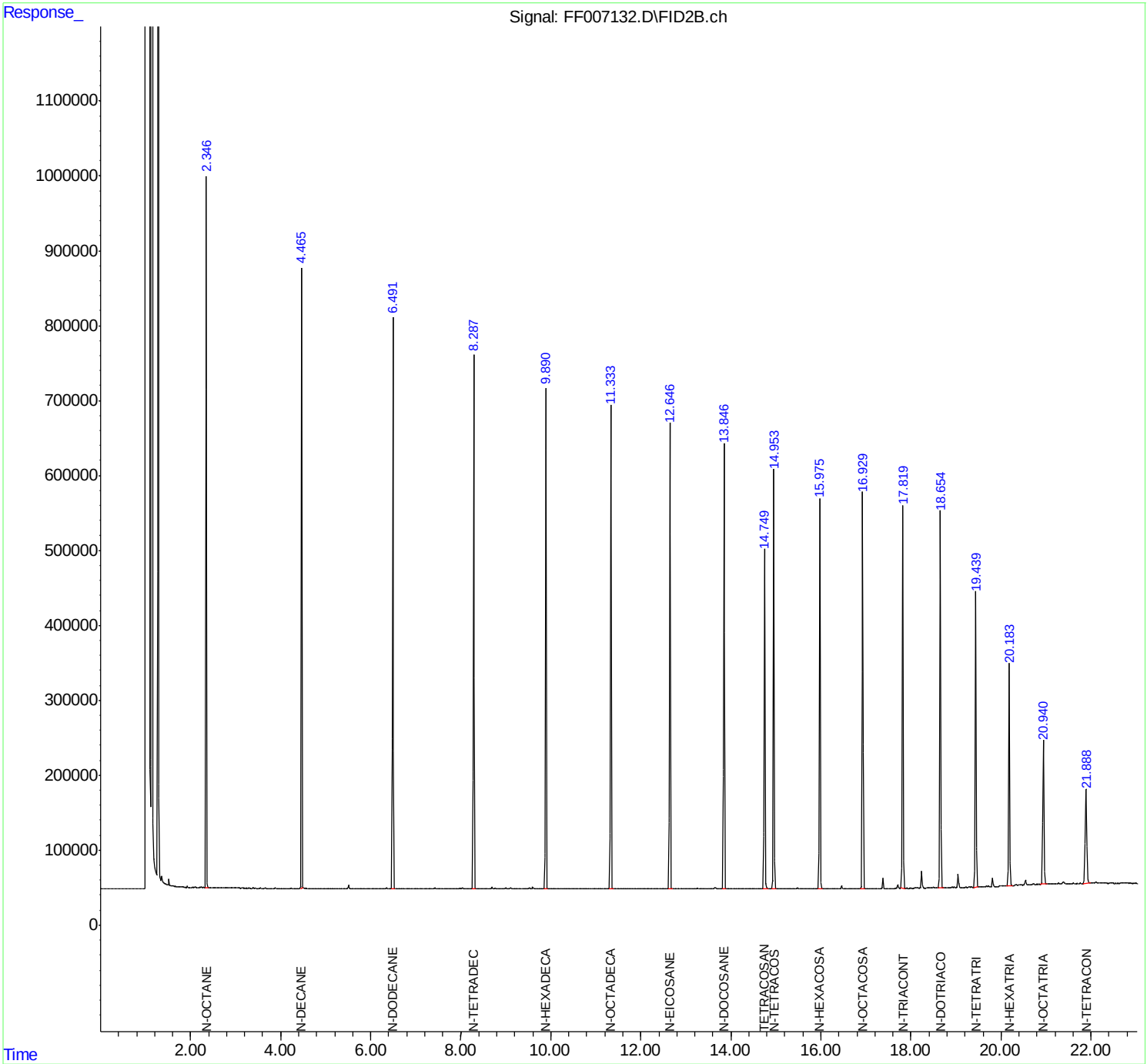
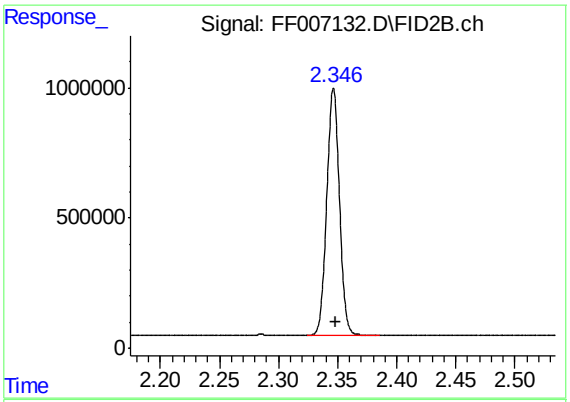
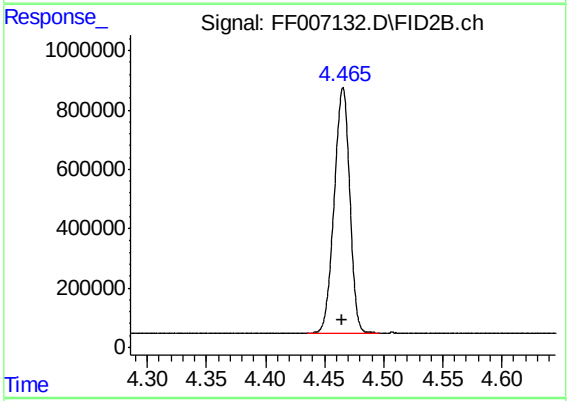




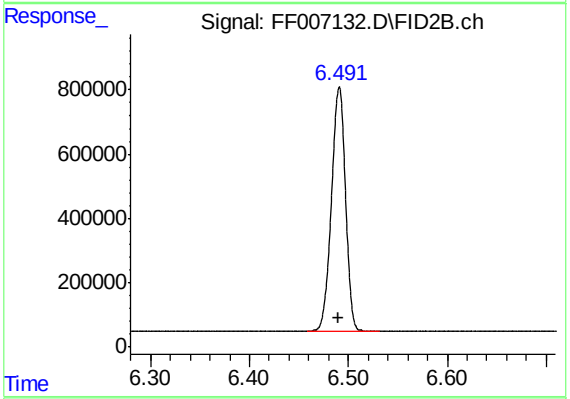
#1 N-OCTANE

R.T.: 2.347 min
Delta R.T.: -0.001 min
Response: 7076402
Conc: 52.88 ug/ml



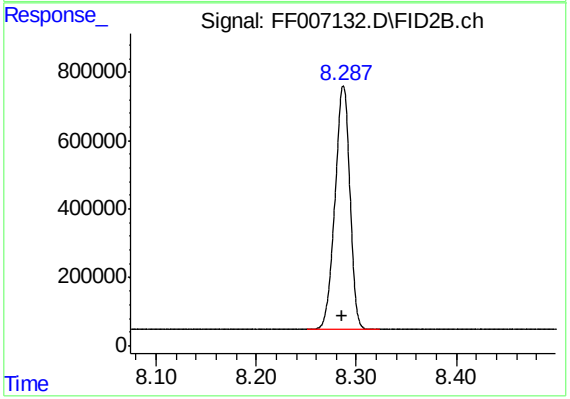
#2 N-DECANE

R.T.: 4.466 min
Delta R.T.: 0.001 min
Response: 7550419
Conc: 55.18 ug/ml



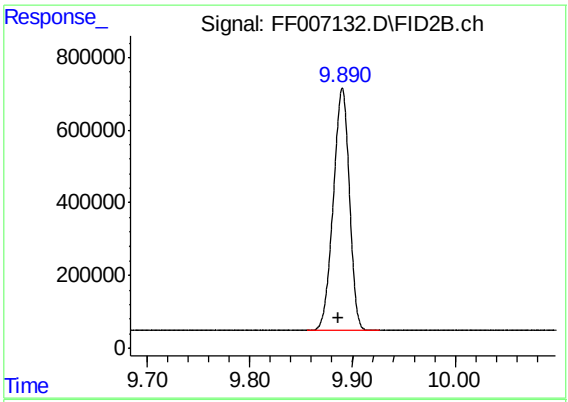
#3 N-DODECANE

R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 7484801
Conc: 54.54 ug/ml



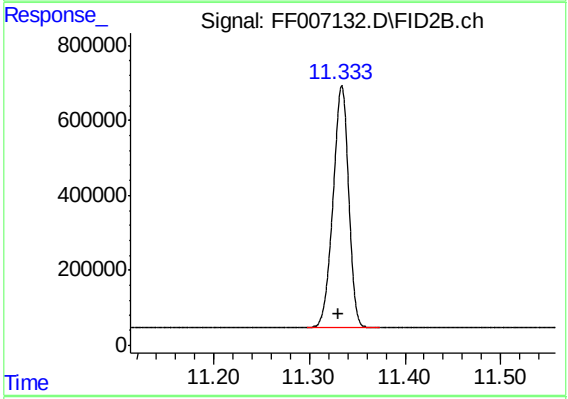
#4 N-TETRADECANE

R.T.: 8.287 min
Delta R.T.: 0.001 min
Response: 7357692
Conc: 53.82 ug/ml



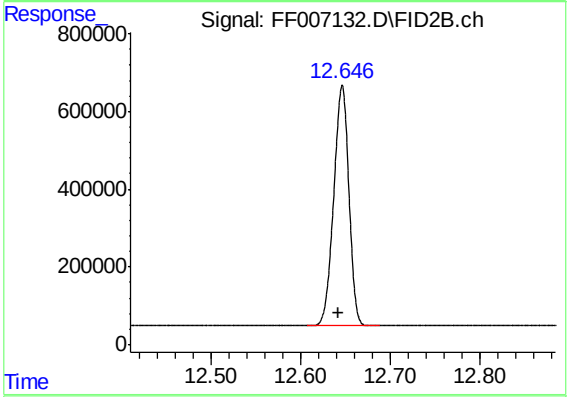
#5 N-HEXADECANE

R.T.: 9.890 min
Delta R.T.: 0.003 min
Response: 7302494
Conc: 53.56 ug/ml



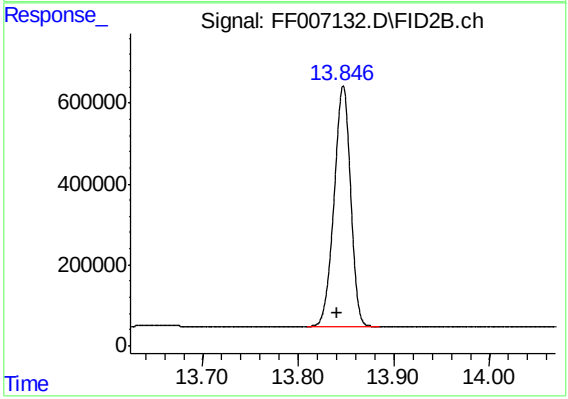
#6 N-OCTADECANE

R.T.: 11.334 min
Delta R.T.: 0.004 min
Response: 7362271
Conc: 53.47 ug/ml



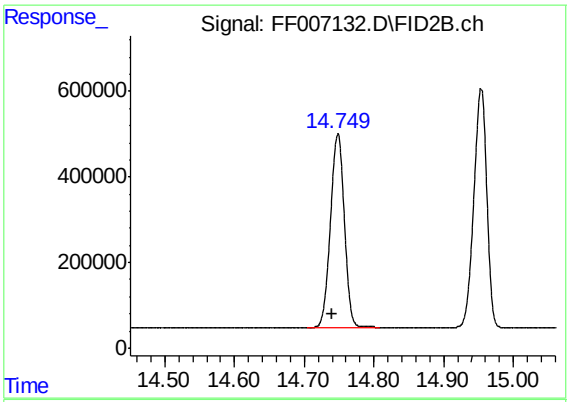
#7 N-EICOSANE

R.T.: 12.646 min
Delta R.T.: 0.005 min
Response: 7274685
Conc: 53.26 ug/ml



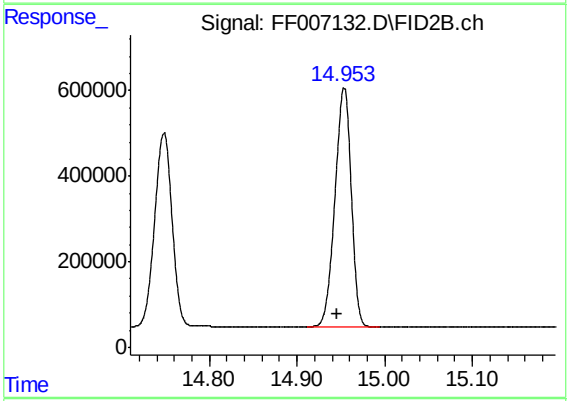
#8 N-DOCOSANE

R.T.: 13.847 min
Delta R.T.: 0.007 min
Response: 7205364
Conc: 52.87 ug/ml



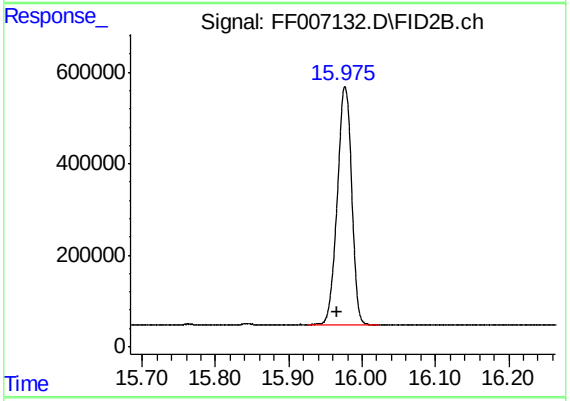
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.749 min
Delta R.T.: 0.008 min
Response: 6244878
Conc: 53.05 ug/ml



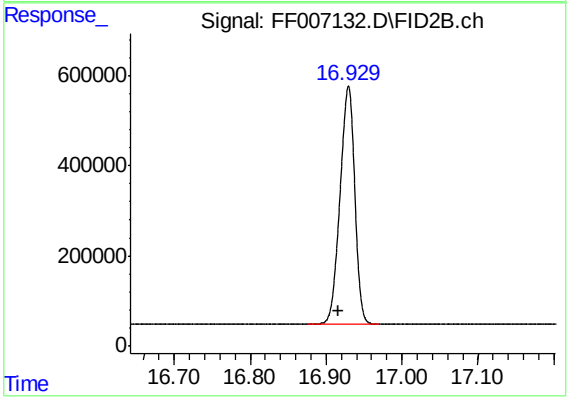
#10 N-TETRACOSANE

R.T.: 14.954 min
Delta R.T.: 0.009 min
Response: 7193193
Conc: 43.74 ug/ml



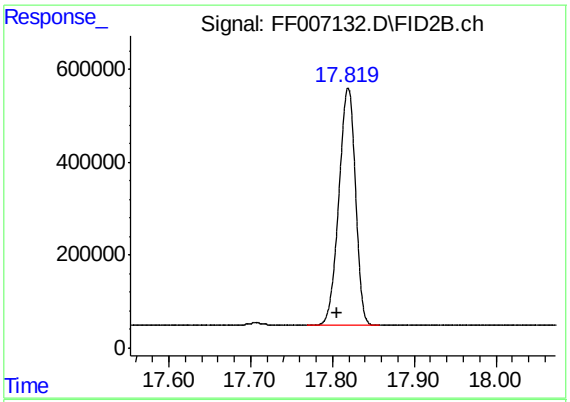
#11 N-HEXACOSANE

R.T.: 15.977 min
Delta R.T.: 0.011 min
Response: 7066497
Conc: 49.38 ug/ml



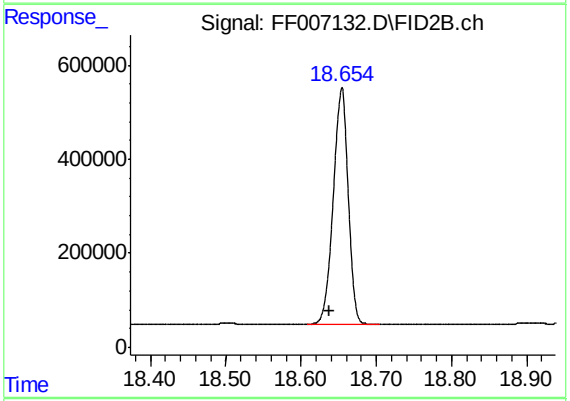
#12 N-OCTACOSANE

R.T.: 16.930 min
Delta R.T.: 0.013 min
Response: 7091979
Conc: 47.57 ug/ml



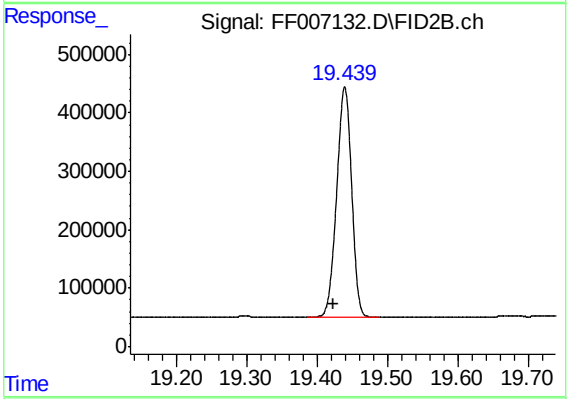
#13 N-TRIACONTANE

R.T.: 17.819 min
Delta R.T.: 0.014 min
Response: 7215524
Conc: 48.08 ug/ml



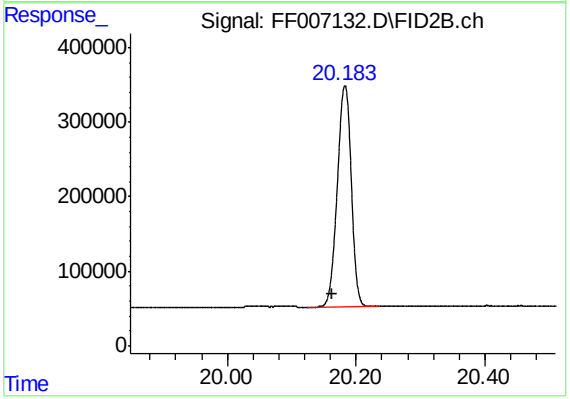
#14 N-DOTRIACONTANE

R.T.: 18.654 min
Delta R.T.: 0.016 min
Response: 6899835
Conc: 49.94 ug/ml



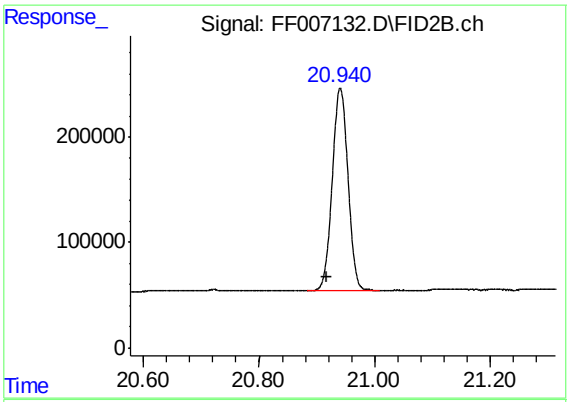
#15 N-TETRATRIACONTANE

R.T.: 19.439 min
Delta R.T.: 0.017 min
Response: 5820713
Conc: 52.47 ug/ml



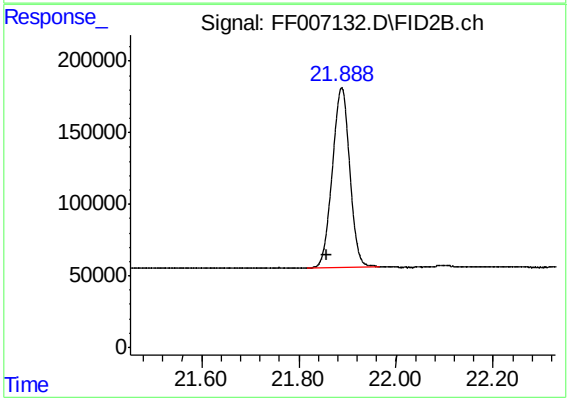
#16 N-HEXATRIACONTANE

R.T.: 20.183 min
Delta R.T.: 0.020 min
Response: 4489222
Conc: 54.36 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.940 min
Delta R.T.: 0.023 min
Response: 3611784
Conc: 52.85 ug/ml



#18 N-TETRACONTANE

R.T.: 21.888 min
Delta R.T.: 0.030 min
Response: 3108252
Conc: 51.26 ug/ml