Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011923\
Data File : FF011888.D
Signal(s) : FID2B.ch
Acq On : 19 Jan 2023 18:16
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 19 23:47:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF123022.M
Quant Title :
QLast Update : Mon Jan 02 03:26:15 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...	15.056	8120083	51.376	ug/ml
	Target Compounds				
1)	N-OCTANE	2.086	7641661	51.263	ug/ml
2)	N-DECANE	4.610	8392793	53.307	ug/ml
3)	N-DODECANE	6.773	8678904	53.918	ug/ml
4)	N-TETRADECANE	8.599	8899244	54.099	ug/ml
5)	N-HEXADECANE	10.206	9197086	53.928	ug/ml
6)	N-OCTADECANE	11.649	9461502	53.568	ug/ml
7)	N-EICOSANE	12.958	9374139	52.793	ug/ml
8)	N-DOCOSANE	14.156	9302129	51.979	ug/ml
10)	N-TETRACOSANE	15.260	9176902	50.862	ug/ml
11)	N-HEXACOSANE	16.280	8908748	49.961	ug/ml
12)	N-OCTACOSANE	17.229	8560530	49.487	ug/ml
13)	N-TRIACONTANE	18.117	8245694	49.257	ug/ml
14)	N-DOTRIACONTANE	18.949	7839315	48.412	ug/ml
15)	N-TETRATRIACONTANE	19.732	7284428	48.840	ug/ml
16)	N-HEXATRIACONTANE	20.470	6555879	48.904	ug/mlm
17)	N-OCTATRIACONTANE	21.210	6301695	48.612	ug/mlm
18)	N-TETRACONTANE	22.135	6342838	48.918	ug/ml

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

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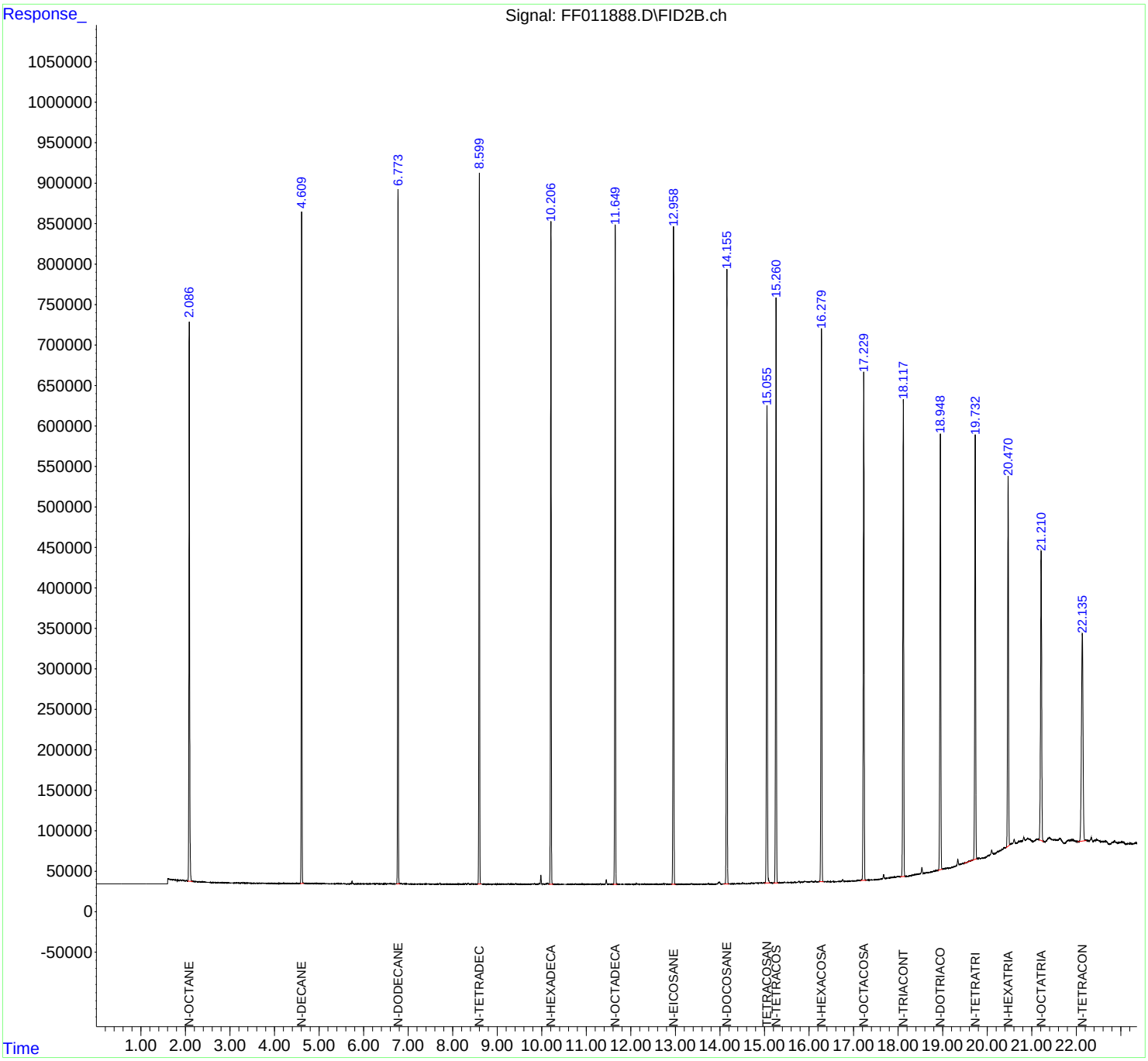
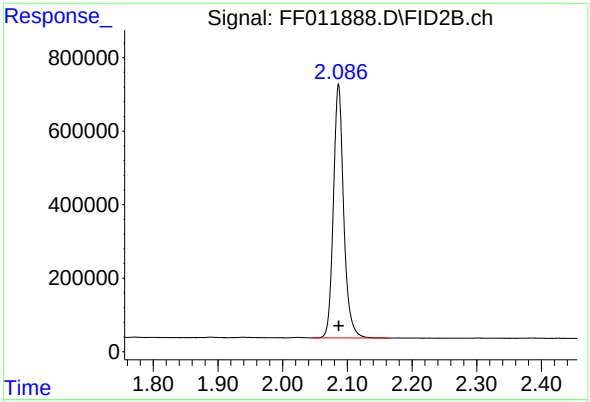
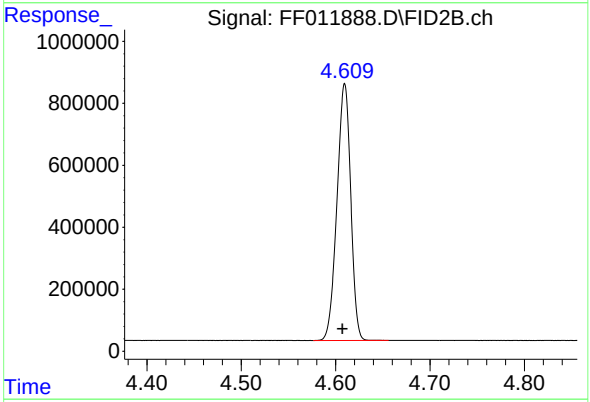
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





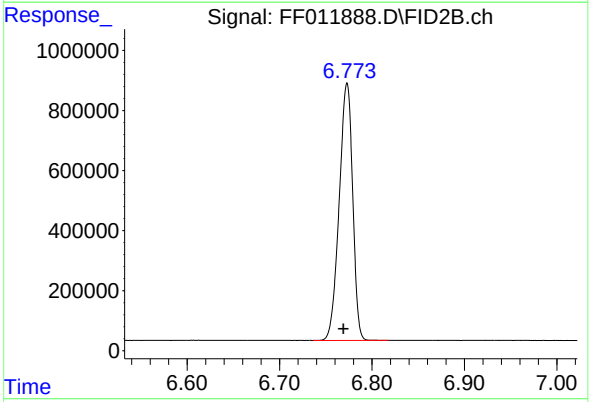
#1 N-OCTANE

R.T.: 2.086 min
Delta R.T.: 0.000 min
Response: 7641661
Conc: 51.26 ug/ml



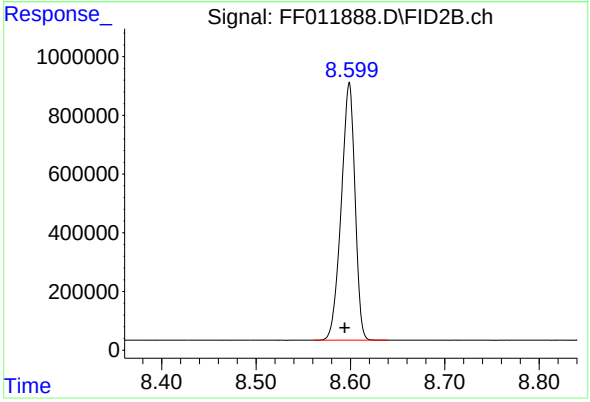
#2 N-DECANE

R.T.: 4.610 min
Delta R.T.: 0.002 min
Response: 8392793
Conc: 53.31 ug/ml



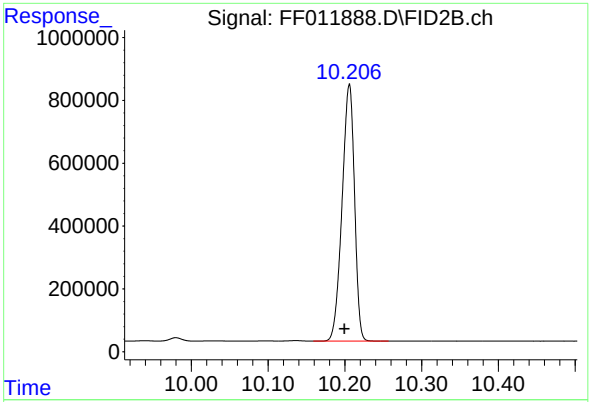
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: 0.004 min
Response: 8678904
Conc: 53.92 ug/ml



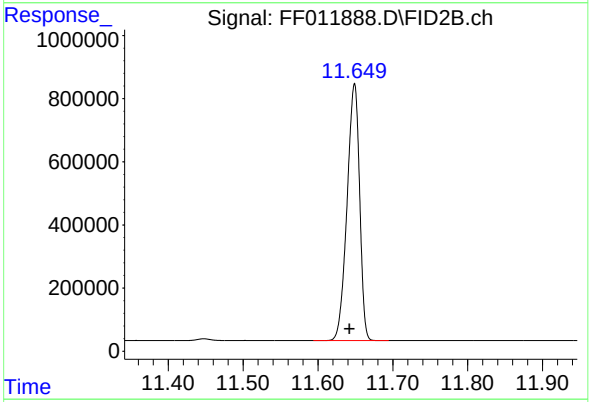
#4 N-TETRADECANE

R.T.: 8.599 min
Delta R.T.: 0.005 min
Response: 8899244
Conc: 54.10 ug/ml



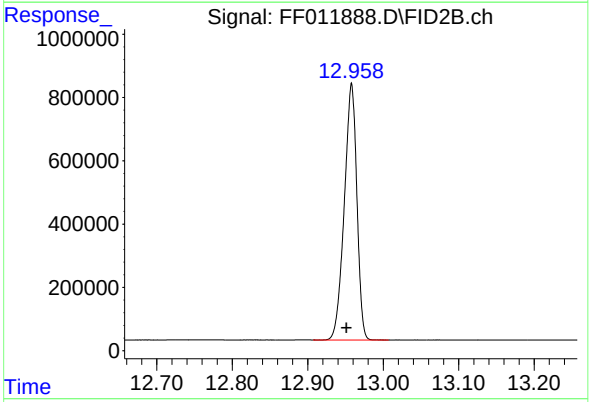
#5 N-HEXADECANE

R.T.: 10.206 min
Delta R.T.: 0.006 min
Response: 9197086
Conc: 53.93 ug/ml



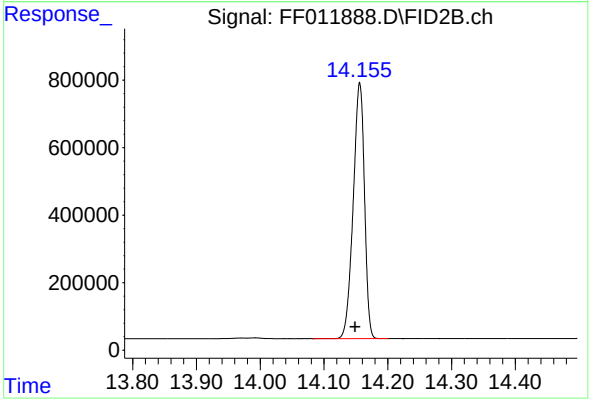
#6 N-OCTADECANE

R.T.: 11.649 min
Delta R.T.: 0.007 min
Response: 9461502
Conc: 53.57 ug/ml



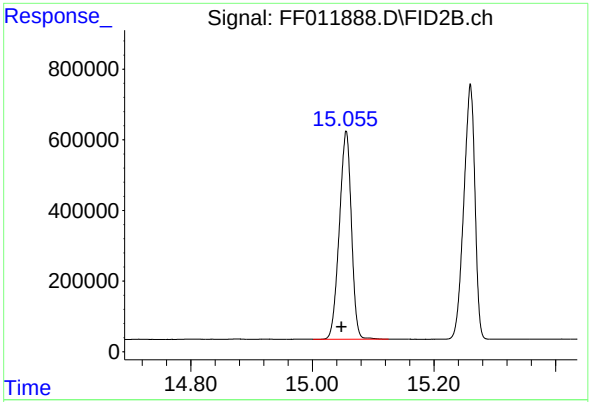
#7 N-EICOSANE

R.T.: 12.958 min
Delta R.T.: 0.007 min
Response: 9374139
Conc: 52.79 ug/ml



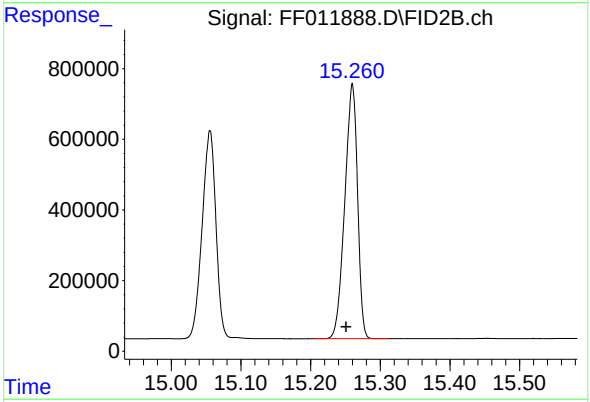
#8 N-DOCOSANE

R.T.: 14.156 min
Delta R.T.: 0.007 min
Response: 9302129
Conc: 51.98 ug/ml



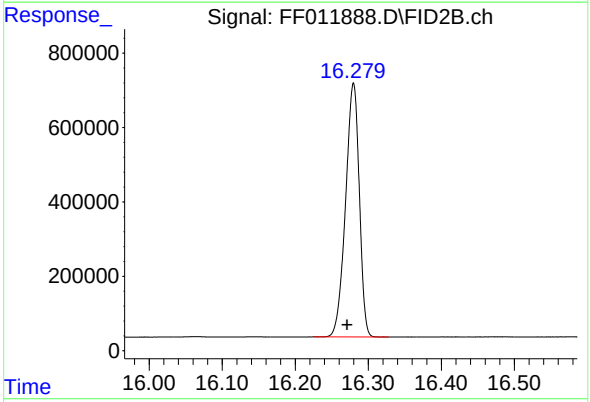
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.056 min
Delta R.T.: 0.008 min
Response: 8120083
Conc: 51.38 ug/ml



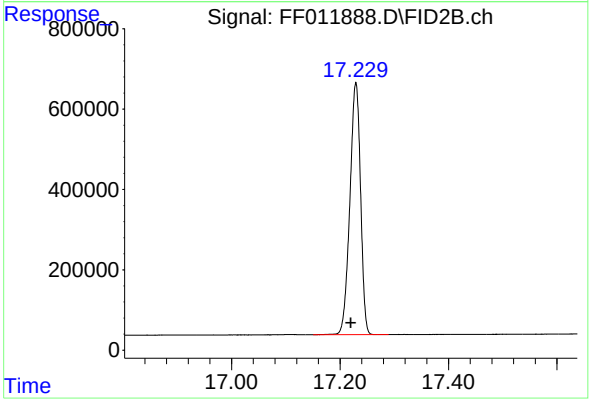
#10 N-TETRACOSANE

R.T.: 15.260 min
Delta R.T.: 0.009 min
Response: 9176902
Conc: 50.86 ug/ml



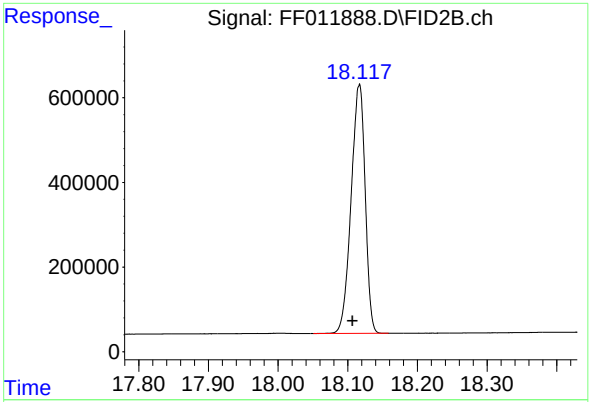
#11 N-HEXACOSANE

R.T.: 16.280 min
Delta R.T.: 0.009 min
Response: 8908748
Conc: 49.96 ug/ml



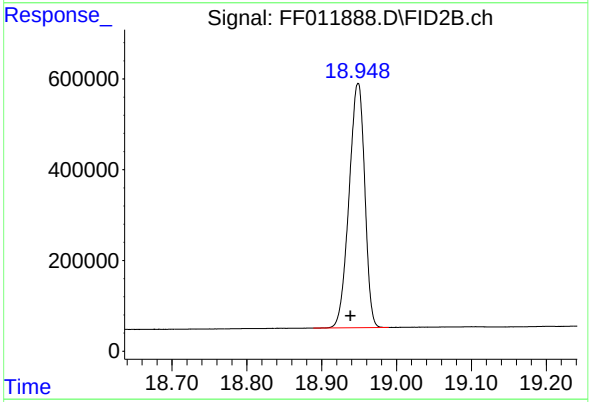
#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: 0.009 min
Response: 8560530
Conc: 49.49 ug/ml



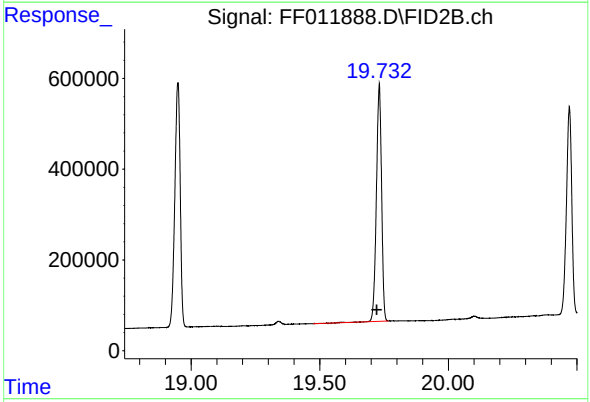
#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: 0.010 min
Response: 8245694
Conc: 49.26 ug/ml



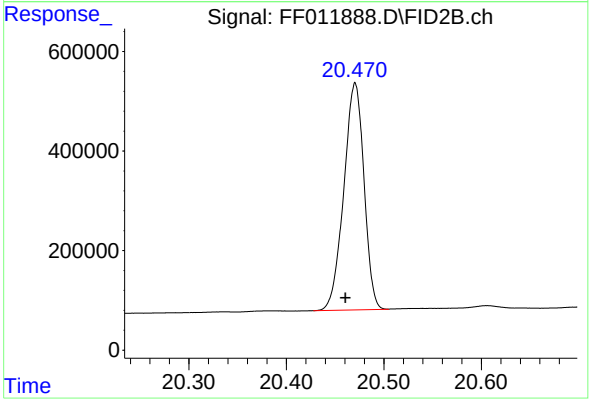
#14 N-DOTRIACONTANE

R.T.: 18.949 min
Delta R.T.: 0.010 min
Response: 7839315
Conc: 48.41 ug/ml



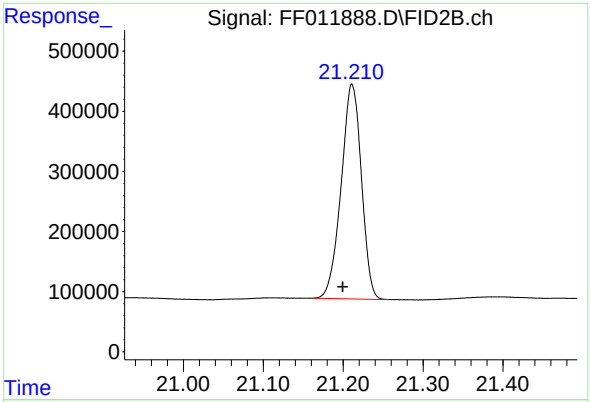
#15 N-TETRATRIACONTANE

R.T.: 19.732 min
Delta R.T.: 0.010 min
Response: 7284428
Conc: 48.84 ug/ml



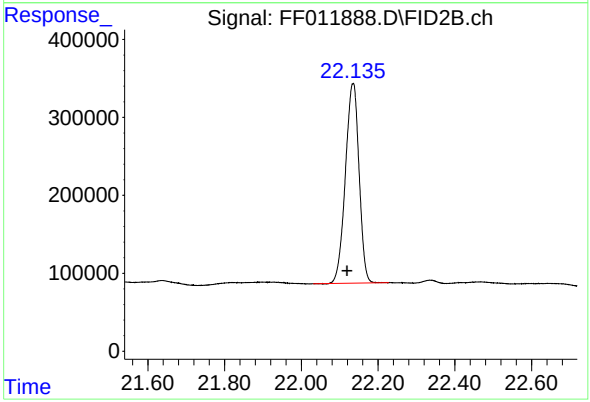
#16 N-HEXATRIACONTANE

R.T.: 20.470 min
Delta R.T.: 0.009 min
Response: 6555879
Conc: 48.90 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.210 min
Delta R.T.: 0.011 min
Response: 6301695
Conc: 48.61 ug/ml m



#18 N-TETRACONTANE

R.T.: 22.135 min
Delta R.T.: 0.015 min
Response: 6342838
Conc: 48.92 ug/ml