Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF033022\
Data File : FF010219.D
Signal(s) : FID2B.ch
Acq On : 30 Mar 2022 14:03
Operator : AJ\MA
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Mar 31 01:46:45 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032622.M
Quant Title :
QLast Update : Sat Mar 26 09:58:43 2022
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...	14.634	5967578	48.857 ug/mlm
	Target Compounds			
1)	N-OCTANE	2.276	7283469	54.063 ug/ml
2)	N-DECANE	4.369	7608541	55.368 ug/ml
3)	N-DODECANE	6.387	7563393	54.702 ug/ml
4)	N-TETRADECANE	8.182	7512597	53.613 ug/ml
5)	N-HEXADECANE	9.782	7459188	52.932 ug/ml
6)	N-OCTADECANE	11.225	7510878	52.113 ug/ml
7)	N-EICOSANE	12.536	7127262	50.973 ug/ml
8)	N-DOCOSANE	13.735	6870759	49.861 ug/ml
10)	N-TETRACOSANE	14.838	6651060	48.628 ug/ml
11)	N-HEXACOSANE	15.859	6395349	47.636 ug/ml
12)	N-OCTACOSANE	16.810	6217590	47.265 ug/ml
13)	N-TRIACONTANE	17.697	6075620	47.415 ug/ml
14)	N-DOTRIACONTANE	18.529	5826792	46.615 ug/ml
15)	N-TETRATRIACONTANE	19.312	5325880	49.307 ug/mlm
16)	N-HEXATRIACONTANE	20.051	4587485	51.026 ug/ml
17)	N-OCTATRIACONTANE	20.778	4018172	50.058 ug/ml
18)	N-TETRACONTANE	21.665	3610490	41.457 ug/ml

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

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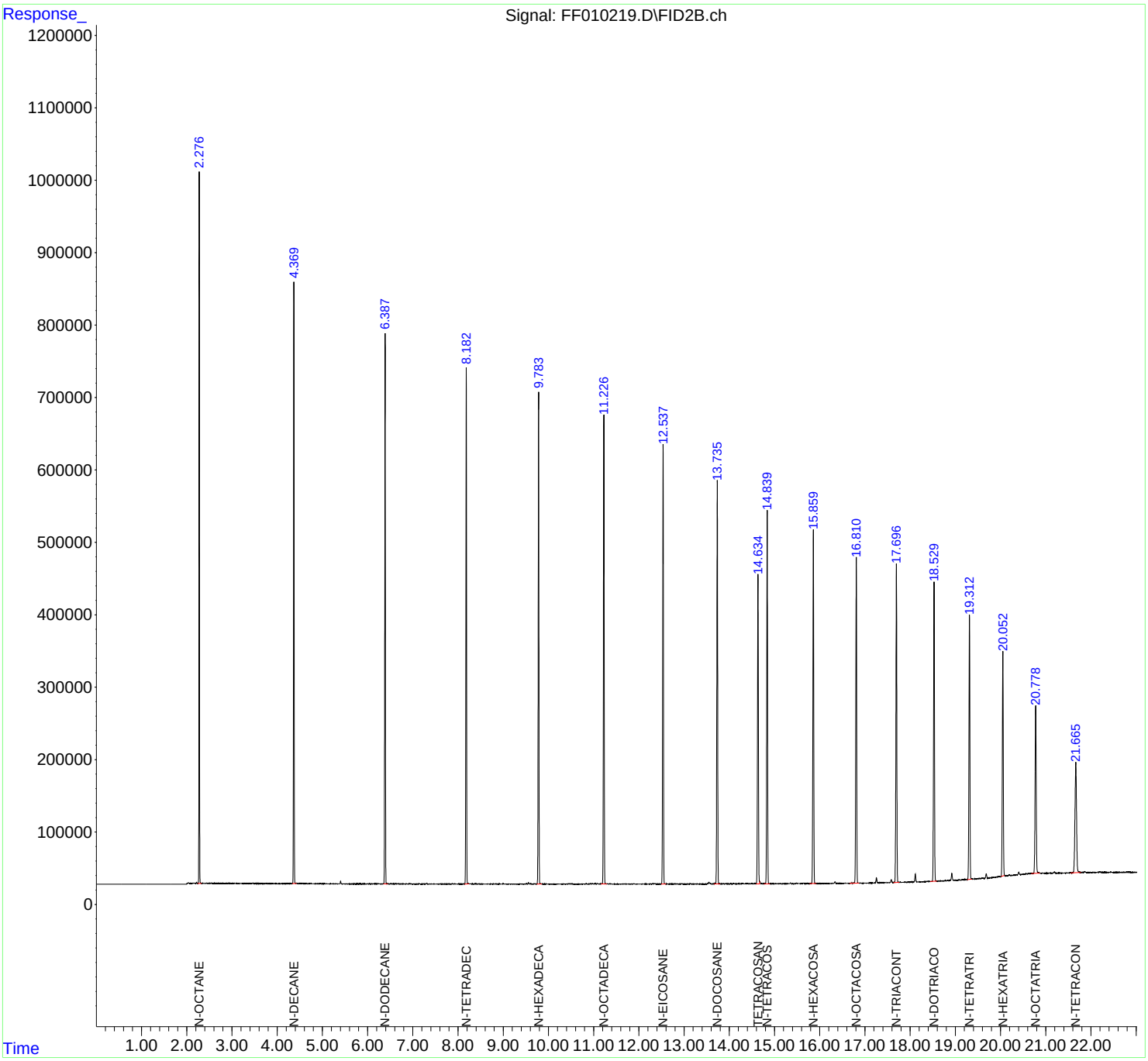
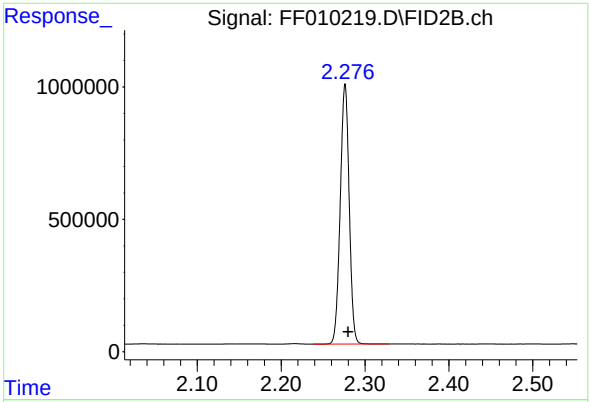
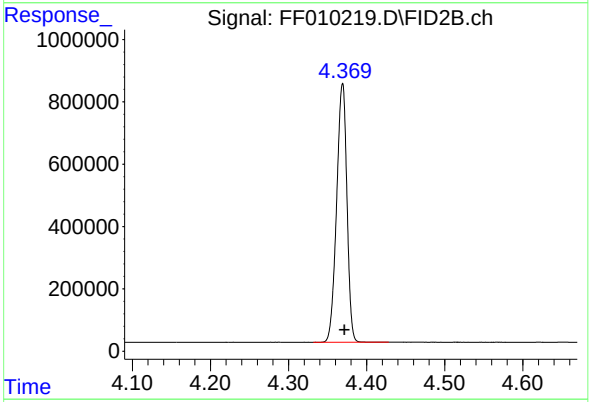




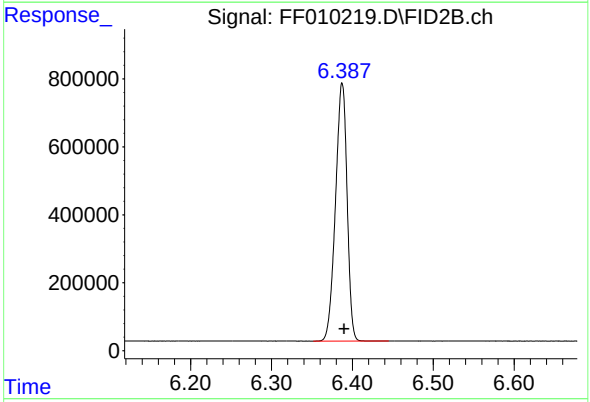
#1 N-OCTANE

R.T.: 2.276 min
Delta R.T.: -0.004 min
Response: 7283469
Conc: 54.06 ug/ml



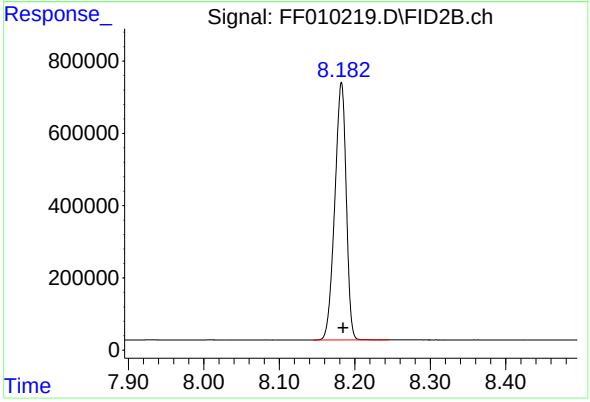
#2 N-DECANE

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 7608541
Conc: 55.37 ug/ml



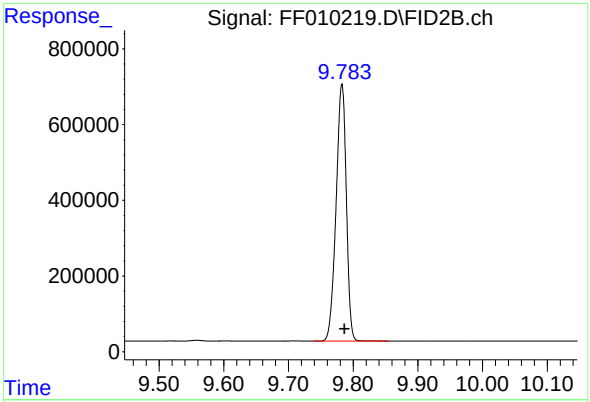
#3 N-DODECANE

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 7563393
Conc: 54.70 ug/ml



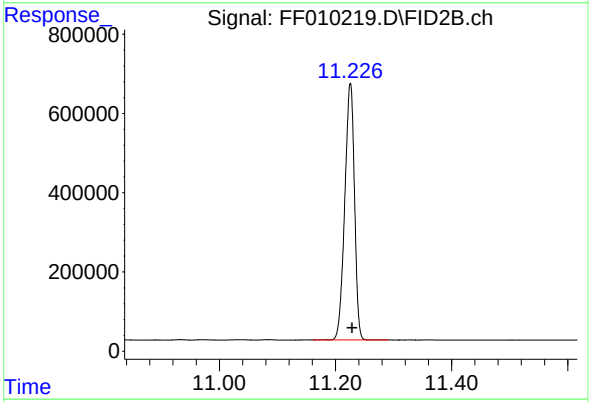
#4 N-TETRADECANE

R.T.: 8.182 min
Delta R.T.: -0.003 min
Response: 7512597
Conc: 53.61 ug/ml



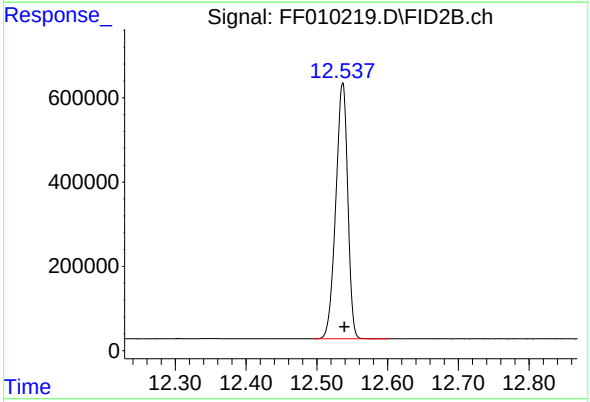
#5 N-HEXADECANE

R.T.: 9.782 min
Delta R.T.: -0.004 min
Response: 7459188
Conc: 52.93 ug/ml



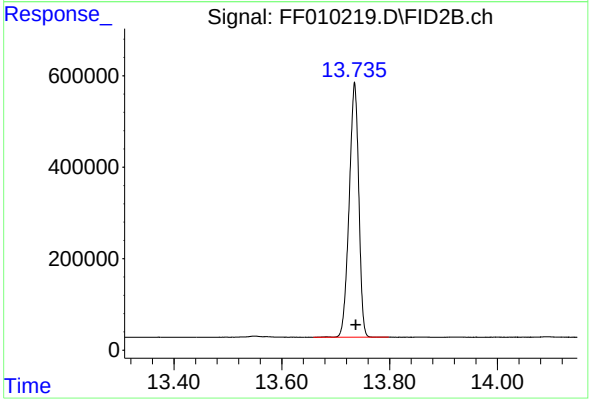
#6 N-OCTADECANE

R.T.: 11.225 min
Delta R.T.: -0.003 min
Response: 7510878
Conc: 52.11 ug/ml



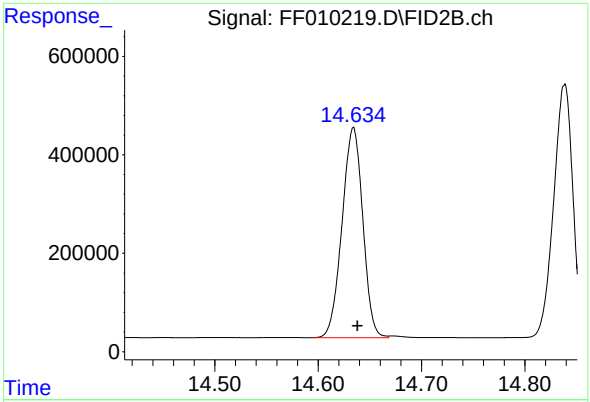
#7 N-EICOSANE

R.T.: 12.536 min
Delta R.T.: -0.002 min
Response: 7127262
Conc: 50.97 ug/ml



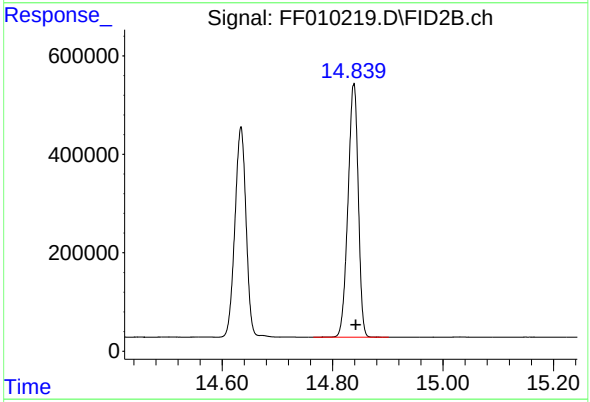
#8 N-DOCOSANE

R.T.: 13.735 min
Delta R.T.: -0.003 min
Response: 6870759
Conc: 49.86 ug/ml



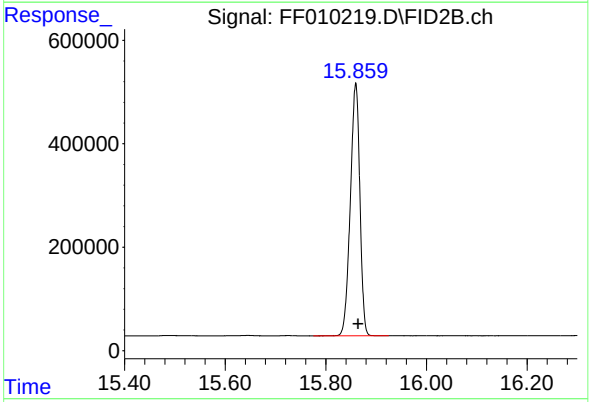
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.634 min
Delta R.T.: -0.004 min
Response: 5967578
Conc: 48.86 ug/ml m



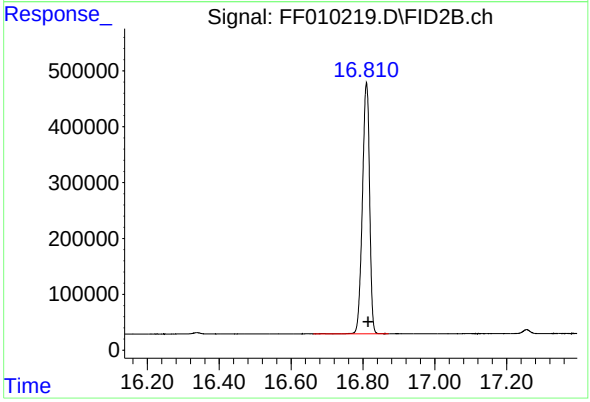
#10 N-TETRACOSANE

R.T.: 14.838 min
Delta R.T.: -0.004 min
Response: 6651060
Conc: 48.63 ug/ml



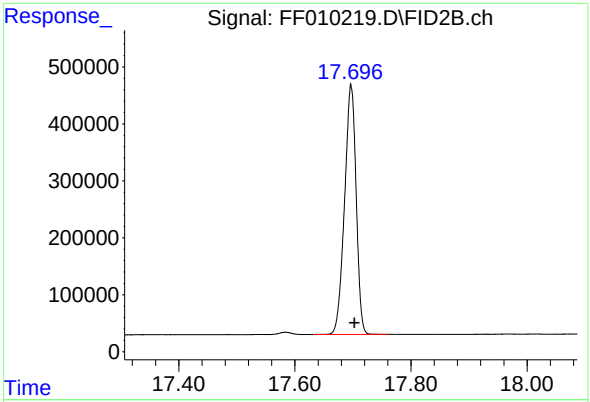
#11 N-HEXACOSANE

R.T.: 15.859 min
Delta R.T.: -0.005 min
Response: 6395349
Conc: 47.64 ug/ml



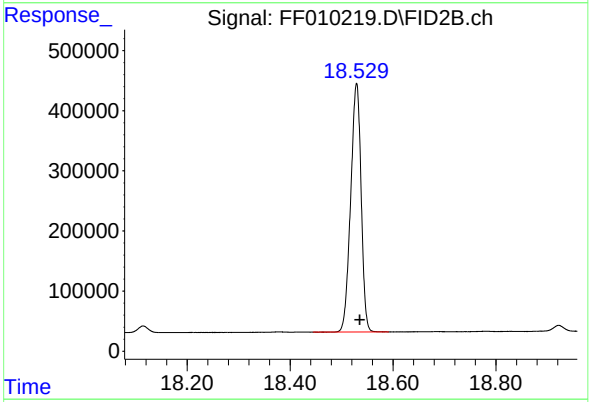
#12 N-OCTACOSANE

R.T.: 16.810 min
Delta R.T.: -0.004 min
Response: 6217590
Conc: 47.26 ug/ml



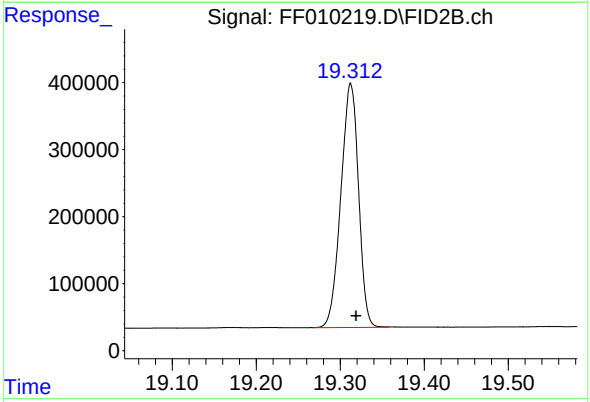
#13 N-TRIACONTANE

R.T.: 17.697 min
Delta R.T.: -0.006 min
Response: 6075620
Conc: 47.42 ug/ml



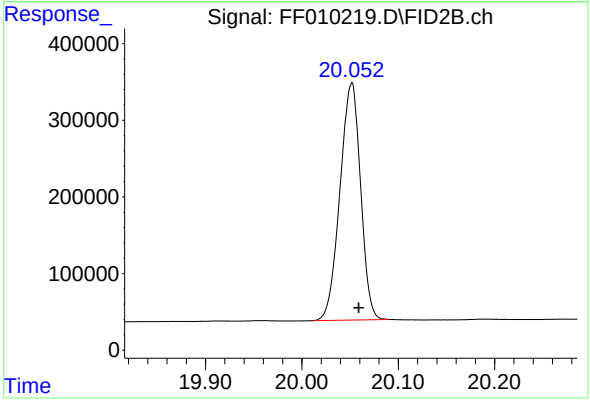
#14 N-DOTRIACONTANE

R.T.: 18.529 min
Delta R.T.: -0.006 min
Response: 5826792
Conc: 46.61 ug/ml



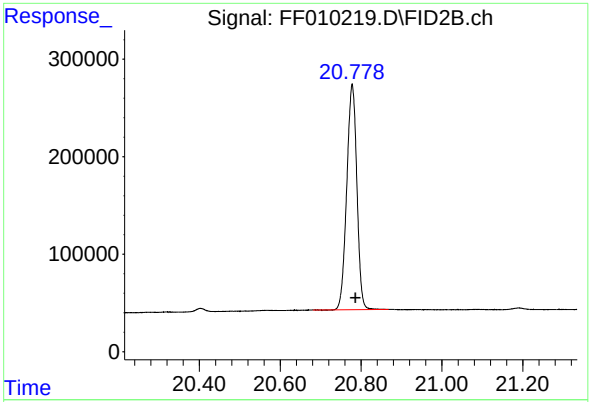
#15 N-TETRATRIACONTANE

R.T.: 19.312 min
Delta R.T.: -0.007 min
Response: 5325880
Conc: 49.31 ug/ml m



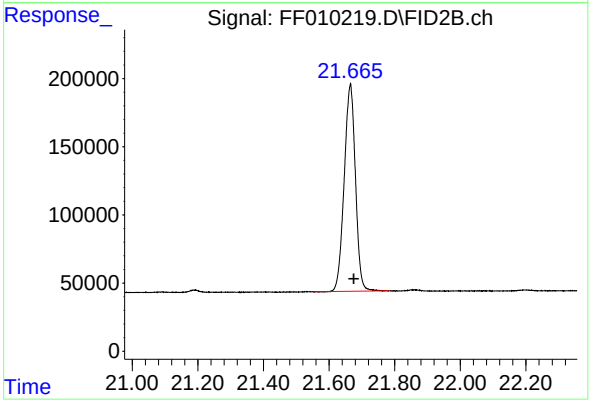
#16 N-HEXATRIACONTANE

R.T.: 20.051 min
Delta R.T.: -0.008 min
Response: 4587485
Conc: 51.03 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.778 min
Delta R.T.: -0.008 min
Response: 4018172
Conc: 50.06 ug/ml



#18 N-TETRACONTANE

R.T.: 21.665 min
Delta R.T.: -0.010 min
Response: 3610490
Conc: 41.46 ug/ml