Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072021\
Data File : FF008856.D
Signal(s) : FID2B.ch
Acq On : 20 Jul 2021 11:57
Operator : DD\AJ
Sample : M2940-06
Misc : MDL 1 PPM
ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 21 01:08:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF062321.M
Quant Title :
QLast Update : Thu Jun 24 08:07:11 2021
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...	14.743	2247372	19.719 ug/ml
	Target Compounds			
1)	N-OCTANE	2.403	130533	0.974 ug/ml
2)	N-DECANE	4.503	145617	1.080 ug/ml
3)	N-DODECANE	6.518	130816	0.962 ug/ml
4)	N-TETRADECANE	8.311	100910	0.748 ug/ml
5)	N-HEXADECANE	9.907	121755	0.891 ug/ml
6)	N-OCTADECANE	11.344	123107	0.885 ug/ml
7)	N-EICOSANE	12.649	122727	0.895 ug/ml
8)	N-DOCOSANE	13.845	121583	0.909 ug/ml
10)	N-TETRACOSANE	14.945	129544	0.983 ug/ml
11)	N-HEXACOSANE	15.968	119037	0.932 ug/ml
12)	N-OCTACOSANE	16.915	144606	1.169 ug/ml
13)	N-TRIACONTANE	17.800	227272	1.896 ug/ml
14)	N-DOTRIACONTANE	18.629	286777	2.448 ug/ml
15)	N-TETRATRIACONTANE	19.410	230835	2.208 ug/ml
16)	N-HEXATRIACONTANE	20.146	157638	1.678 ug/ml
17)	N-OCTATRIACONTANE	20.889	137025	1.662 ug/ml

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

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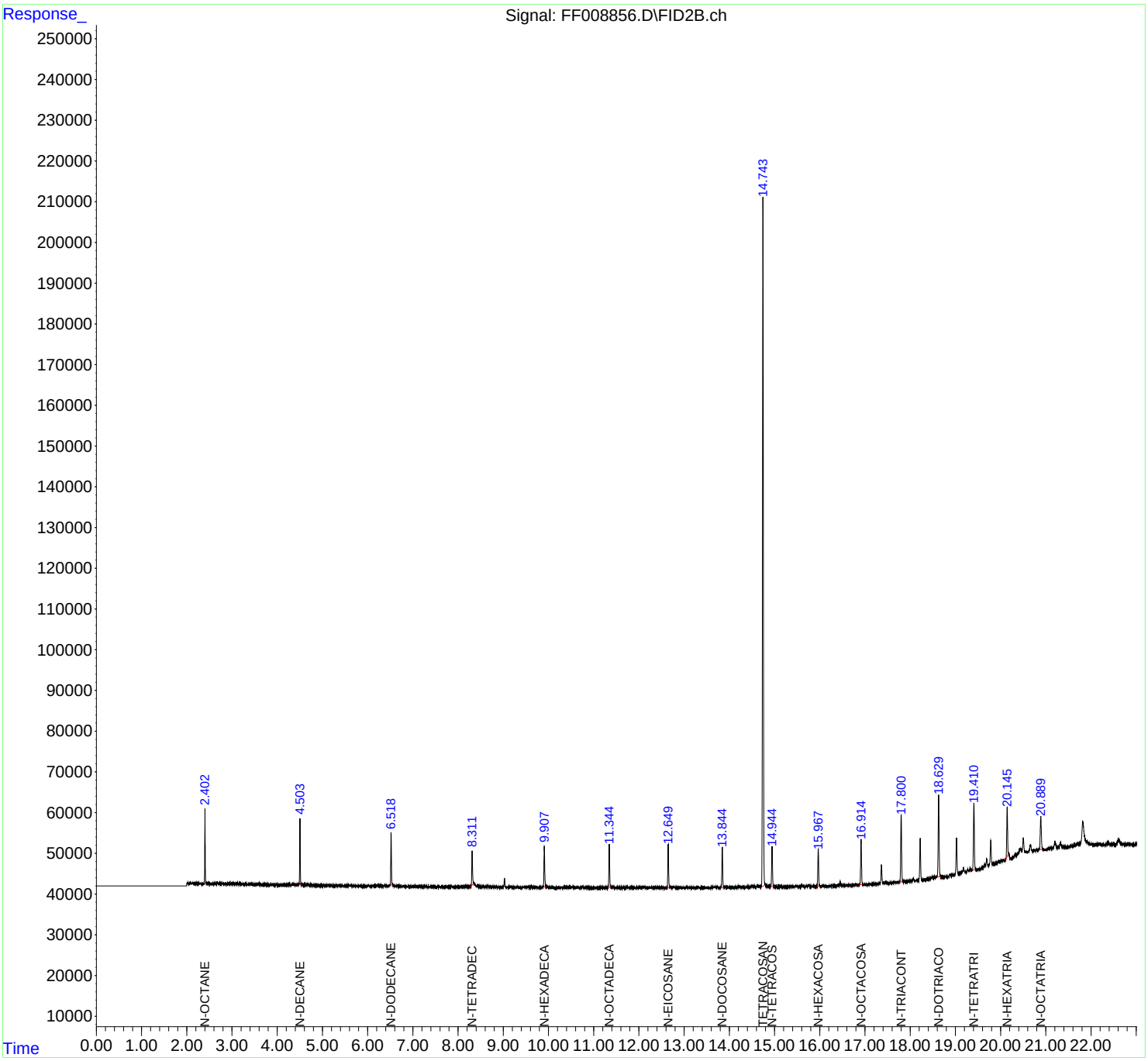
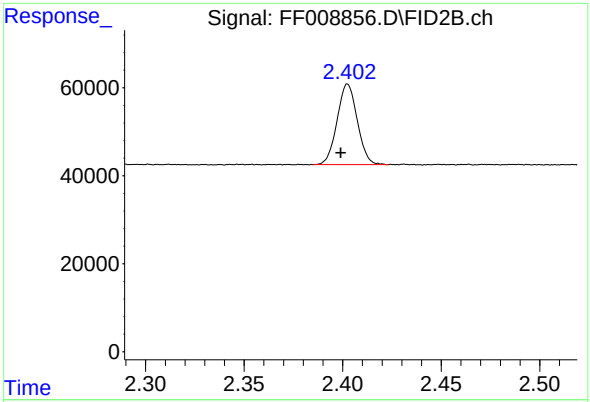
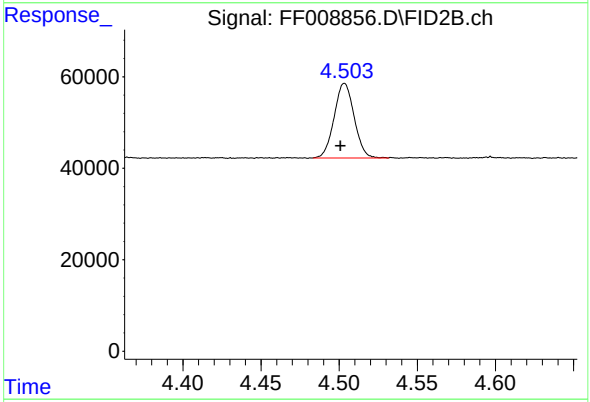




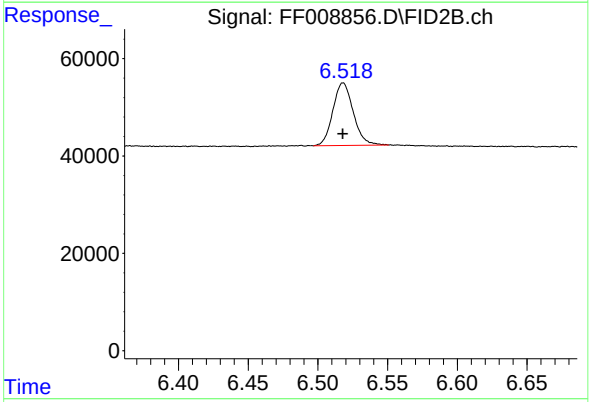
#1 N-OCTANE

R.T.: 2.403 min
Delta R.T.: 0.004 min
Response: 130533
Conc: 0.97 ug/ml



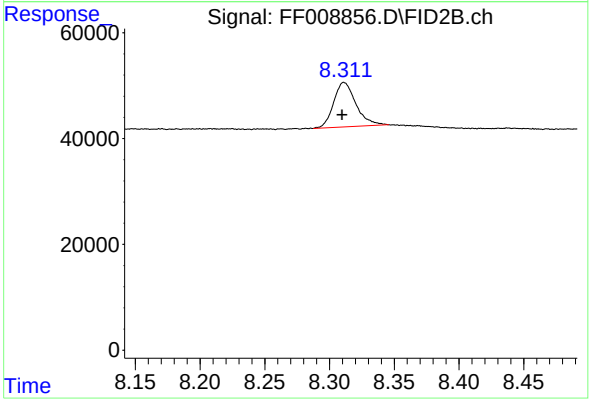
#2 N-DECANE

R.T.: 4.503 min
Delta R.T.: 0.003 min
Response: 145617
Conc: 1.08 ug/ml



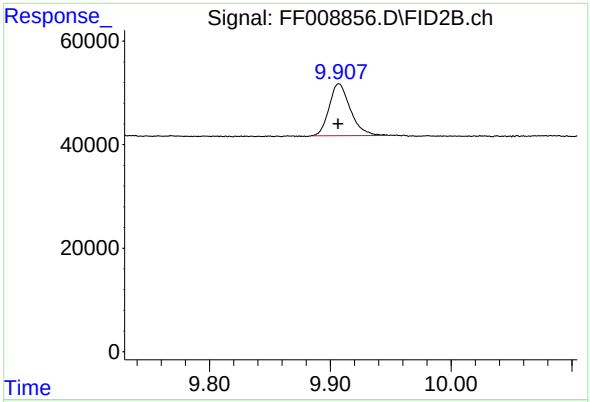
#3 N-DODECANE

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 130816
Conc: 0.96 ug/ml



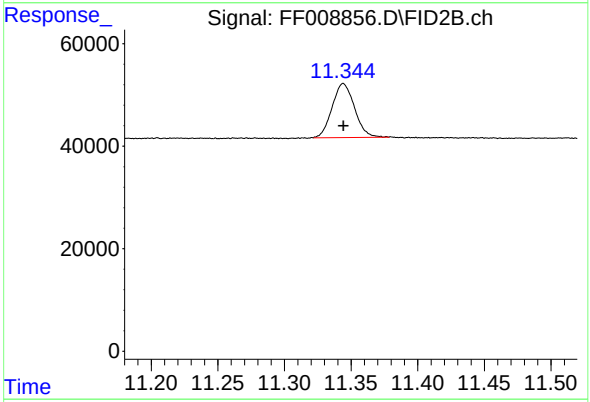
#4 N-TETRADECANE

R.T.: 8.311 min
Delta R.T.: 0.001 min
Response: 100910
Conc: 0.75 ug/ml



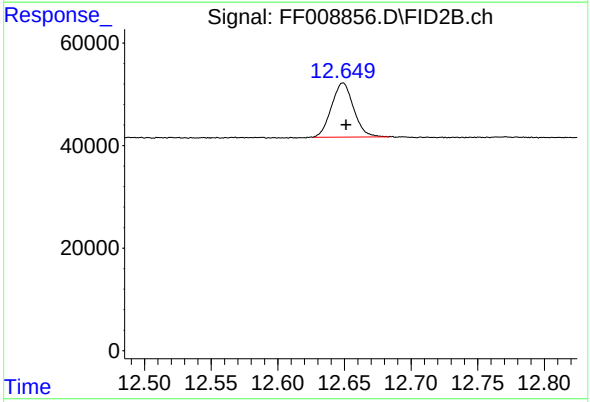
#5 N-HEXADECANE

R.T.: 9.907 min
Delta R.T.: 0.000 min
Response: 121755
Conc: 0.89 ug/ml



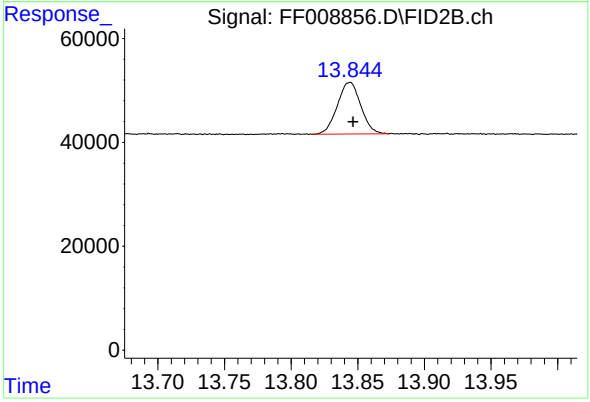
#6 N-OCTADECANE

R.T.: 11.344 min
Delta R.T.: 0.000 min
Response: 123107
Conc: 0.88 ug/ml



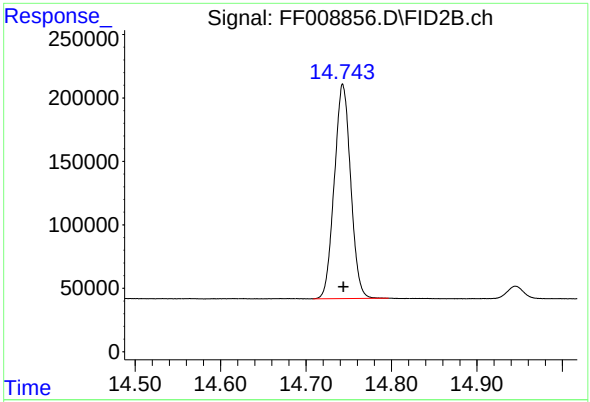
#7 N-EICOSANE

R.T.: 12.649 min
Delta R.T.: -0.002 min
Response: 122727
Conc: 0.90 ug/ml



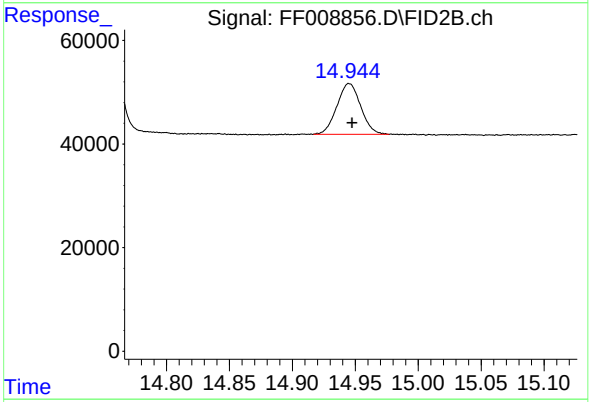
#8 N-DOCOSANE

R.T.: 13.845 min
Delta R.T.: -0.002 min
Response: 121583
Conc: 0.91 ug/ml



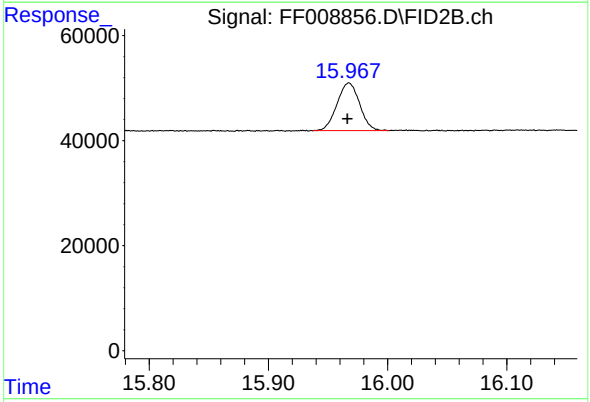
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.743 min
Delta R.T.: -0.001 min
Response: 2247372
Conc: 19.72 ug/ml



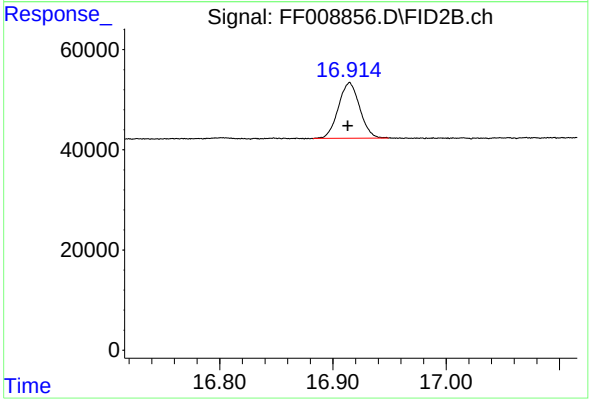
#10 N-TETRACOSANE

R.T.: 14.945 min
Delta R.T.: -0.003 min
Response: 129544
Conc: 0.98 ug/ml



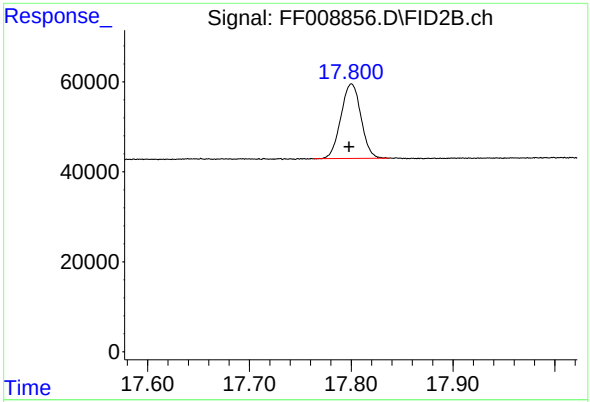
#11 N-HEXACOSANE

R.T.: 15.968 min
Delta R.T.: 0.001 min
Response: 119037
Conc: 0.93 ug/ml



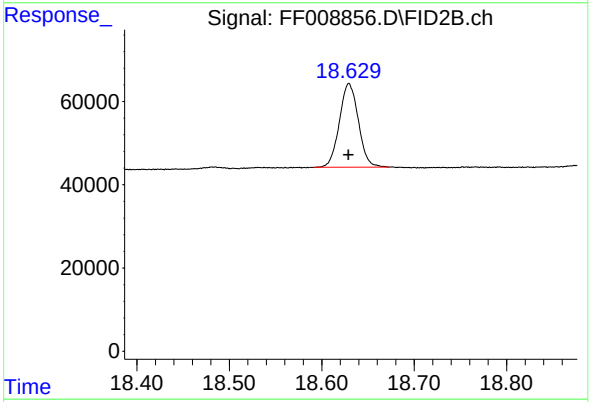
#12 N-OCTACOSANE

R.T.: 16.915 min
Delta R.T.: 0.002 min
Response: 144606
Conc: 1.17 ug/ml



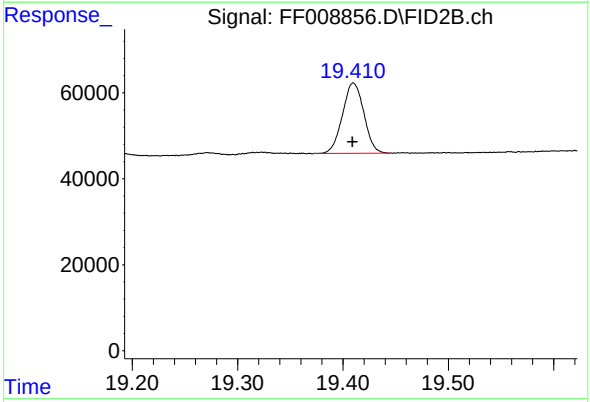
#13 N-TRIACONTANE

R.T.: 17.800 min
Delta R.T.: 0.003 min
Response: 227272
Conc: 1.90 ug/ml



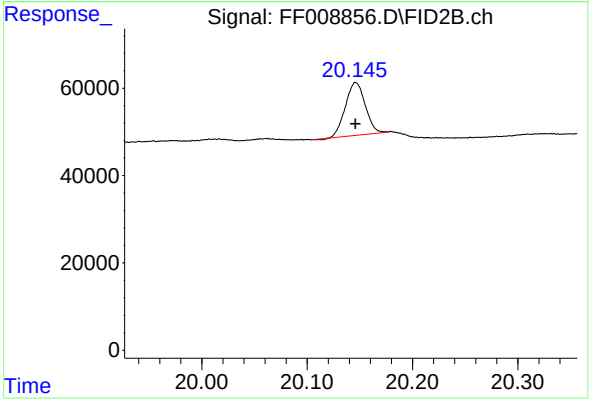
#14 N-DOTRIACONTANE

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 286777
Conc: 2.45 ug/ml



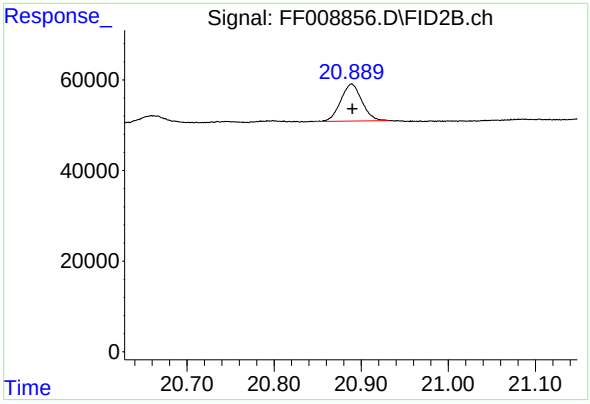
#15 N-TETRATRIACONTANE

R.T.: 19.410 min
Delta R.T.: 0.000 min
Response: 230835
Conc: 2.21 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.146 min
Delta R.T.: 0.000 min
Response: 157638
Conc: 1.68 ug/ml



#17 N-OCTATRIACONTANE

R.T.:	20.889 min
Delta R.T.:	-0.001 min
Response:	137025
Conc:	1.66 ug/ml