Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112223\
Data File : FG013211.D
Signal(s) : FID1A.ch
Acq On : 22 Nov 2023 17:12
Operator : YP\AJ
Sample : 05489-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Nov 22 22:49:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111023.M
Quant Title :
QLast Update : Fri Nov 10 12:13:40 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...	15.089	1770853	17.276	ug/mlm
	Target Compounds				
1)	N-OCTANE	2.065	1508493	12.940	ug/ml
2)	N-DECANE	4.592	2222707	18.826	ug/ml
3)	N-DODECANE	6.769	3351868	28.687	ug/ml
4)	N-TETRADECANE	8.603	2727671	24.160	ug/ml
5)	N-HEXADECANE	10.217	2758217	24.078	ug/ml
6)	N-OCTADECANE	11.667	2601915	22.793	ug/ml
7)	N-EICOSANE	12.984	2966214	26.282	ug/ml
8)	N-DOCOSANE	14.186	2784450	25.641	ug/ml
10)	N-TETRACOSANE	15.292	5882614	51.900	ug/ml
11)	N-HEXACOSANE	16.321	2614139	24.638	ug/ml
12)	N-OCTACOSANE	17.275	2509786	24.018	ug/mlm
13)	N-TRIACONTANE	18.168	3057951	29.577	ug/ml
14)	N-DOTRIACONTANE	19.001	3124197	31.432	ug/mlm
15)	N-TETRATRIACONTANE	19.789	2277159	26.074	ug/ml
16)	N-HEXATRIACONTANE	20.530	2036750	28.600	ug/mlm
17)	N-OCTATRIACONTANE	21.293	2024324	30.680	ug/ml
18)	N-TETRACONTANE	22.255	2115791	31.099	ug/mlm

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

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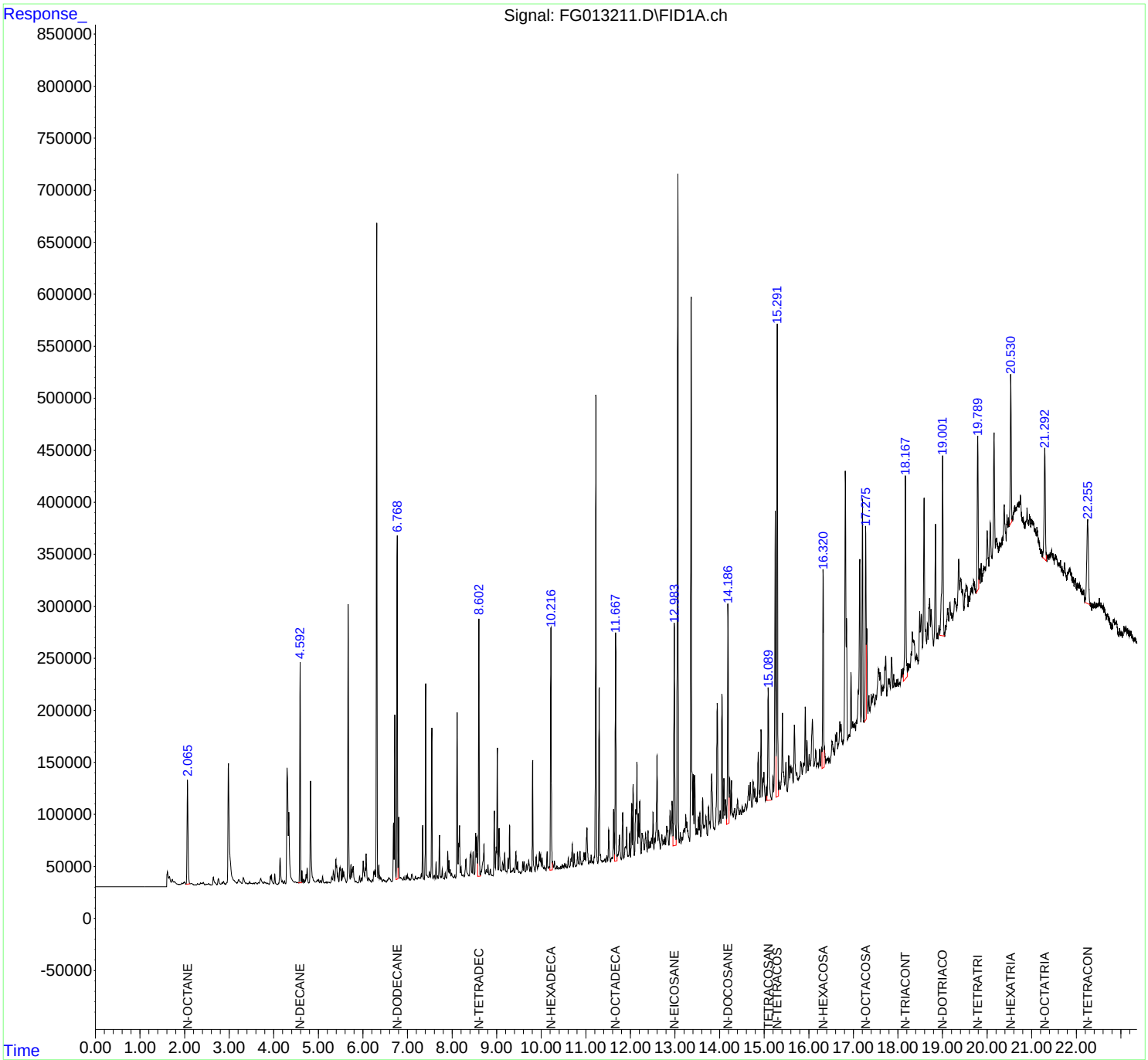
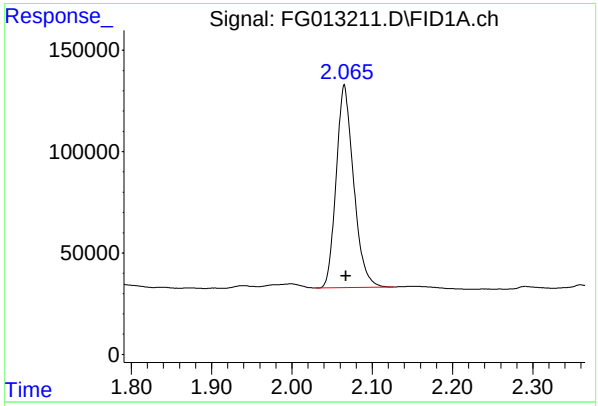
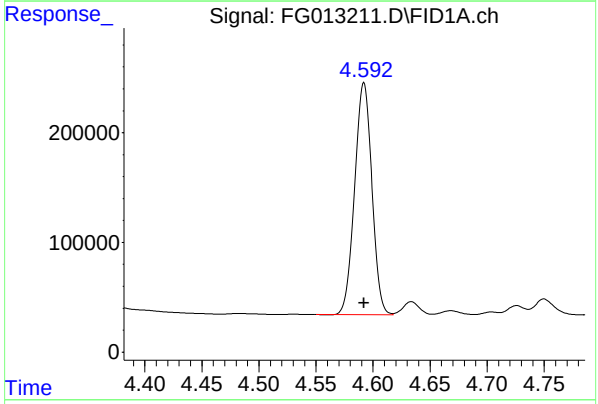




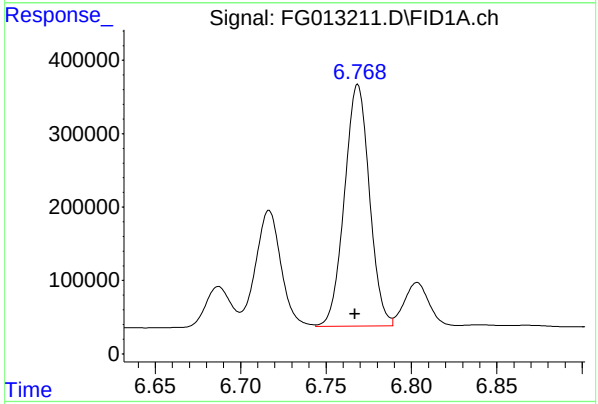
#1 N-OCTANE

R.T.: 2.065 min
Delta R.T.: -0.002 min
Response: 1508493
Conc: 12.94 ug/ml



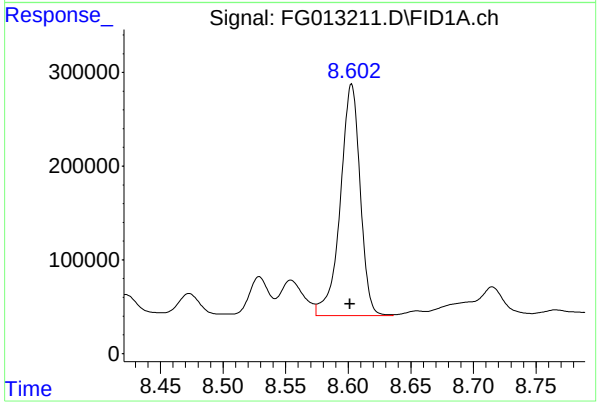
#2 N-DECANE

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 2222707
Conc: 18.83 ug/ml



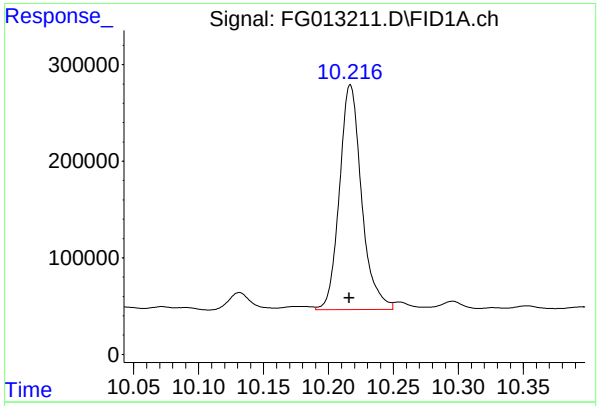
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: 0.002 min
Response: 3351868
Conc: 28.69 ug/ml



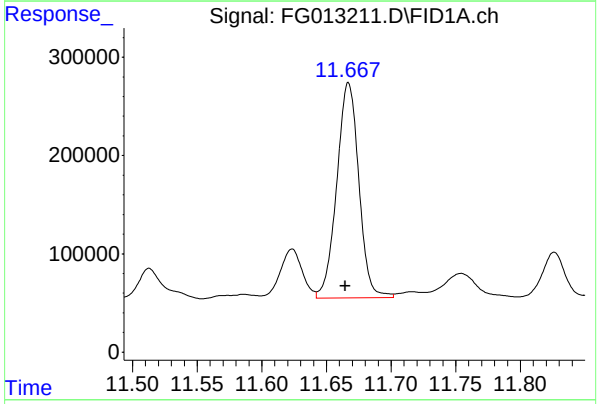
#4 N-TETRADECANE

R.T.: 8.603 min
Delta R.T.: 0.001 min
Response: 2727671
Conc: 24.16 ug/ml



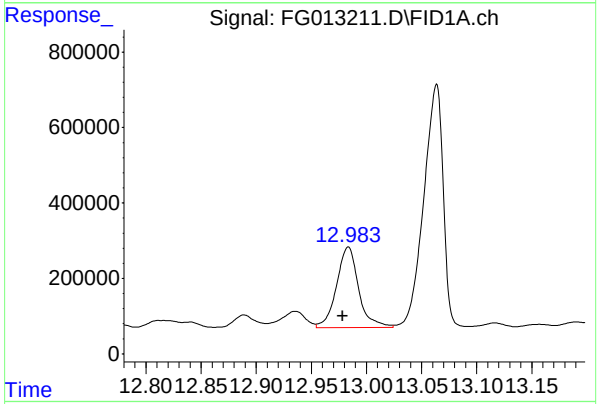
#5 N-HEXADECANE

R.T.: 10.217 min
Delta R.T.: 0.000 min
Response: 2758217
Conc: 24.08 ug/ml



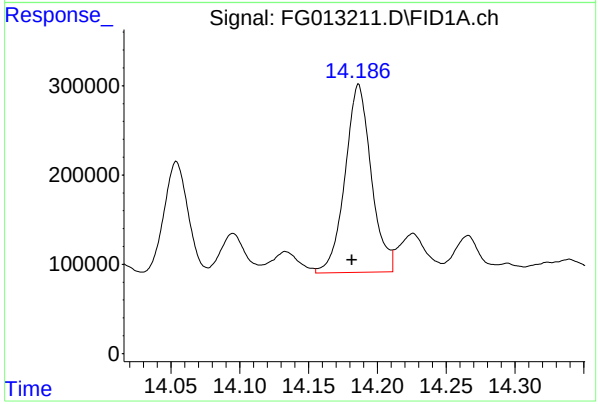
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: 0.003 min
Response: 2601915
Conc: 22.79 ug/ml



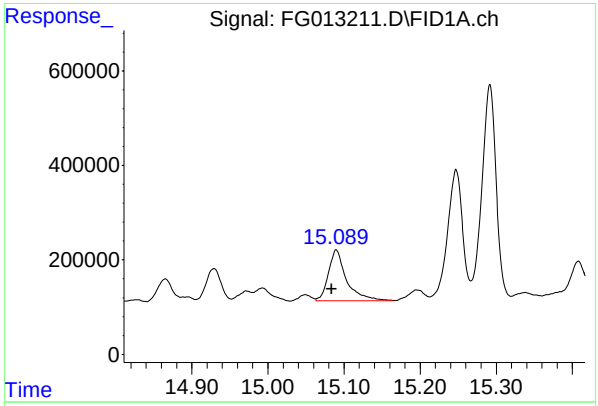
#7 N-EICOSANE

R.T.: 12.984 min
Delta R.T.: 0.005 min
Response: 2966214
Conc: 26.28 ug/ml



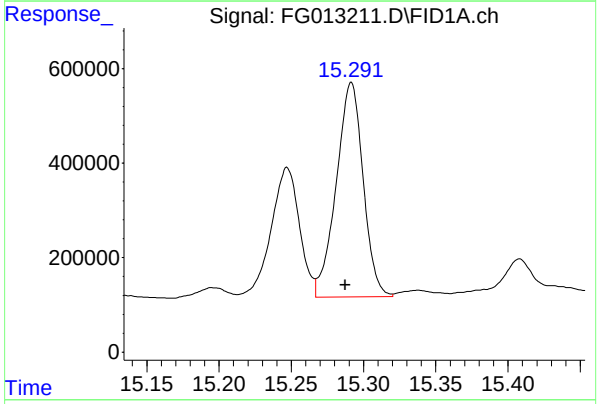
#8 N-DOCOSANE

R.T.: 14.186 min
Delta R.T.: 0.005 min
Response: 2784450
Conc: 25.64 ug/ml



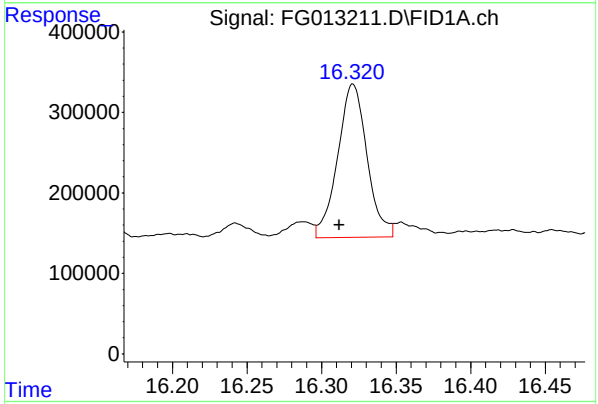
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.089 min
Delta R.T.: 0.005 min
Response: 1770853
Conc: 17.28 ug/ml m



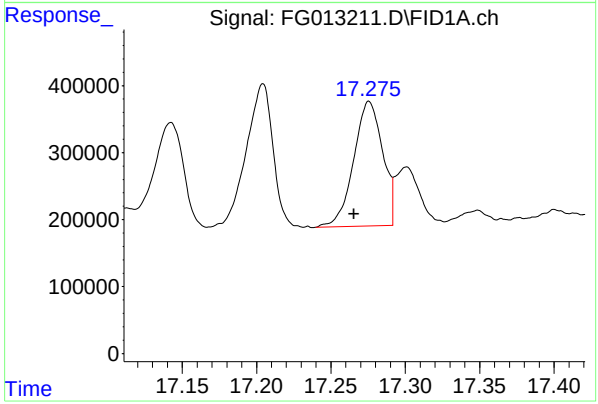
#10 N-TETRACOSANE

R.T.: 15.292 min
Delta R.T.: 0.004 min
Response: 5882614
Conc: 51.90 ug/ml



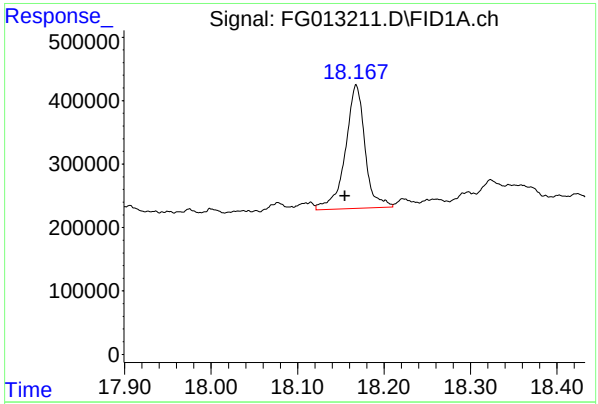
#11 N-HEXACOSANE

R.T.: 16.321 min
Delta R.T.: 0.009 min
Response: 2614139
Conc: 24.64 ug/ml



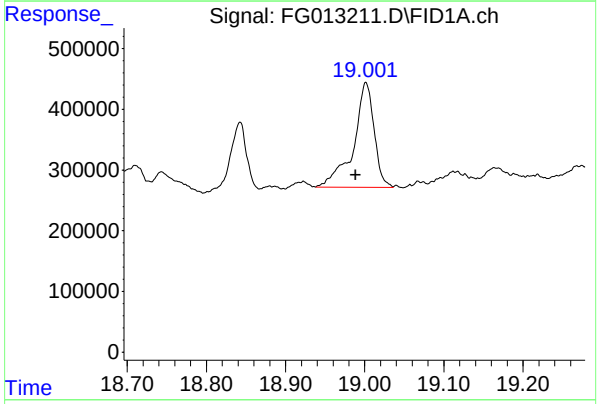
#12 N-OCTACOSANE

R.T.: 17.275 min
Delta R.T.: 0.010 min
Response: 2509786
Conc: 24.02 ug/ml m



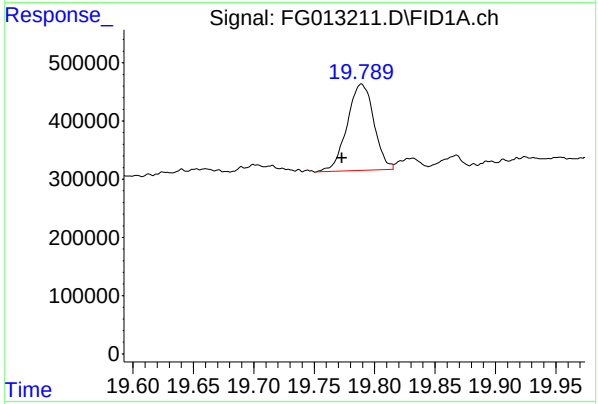
#13 N-TRIACONTANE

R.T.: 18.168 min
Delta R.T.: 0.013 min
Response: 3057951
Conc: 29.58 ug/ml



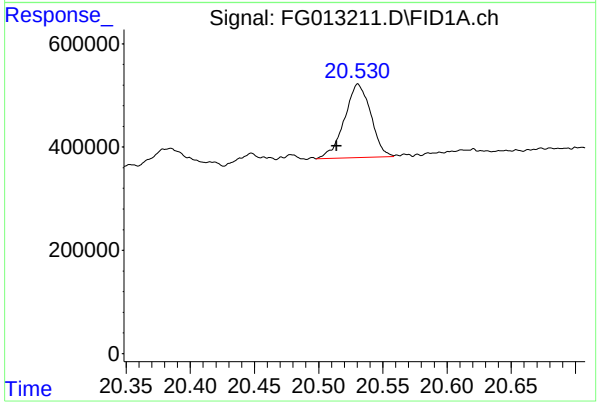
#14 N-DOTRIACONTANE

R.T.: 19.001 min
Delta R.T.: 0.012 min
Response: 3124197
Conc: 31.43 ug/ml m



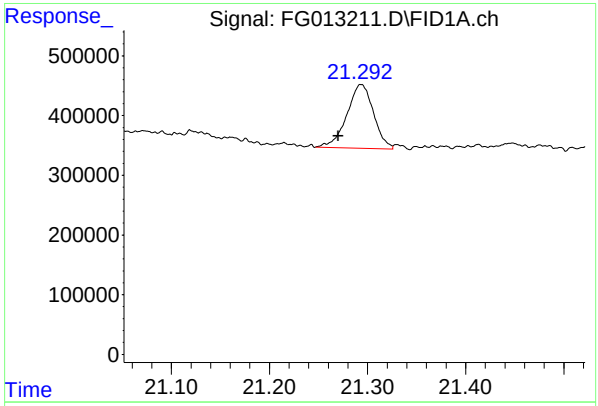
#15 N-TETRATRIACONTANE

R.T.: 19.789 min
Delta R.T.: 0.016 min
Response: 2277159
Conc: 26.07 ug/ml



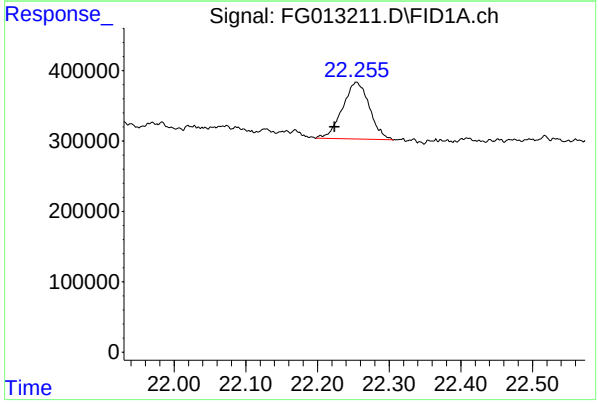
#16 N-HEXATRIACONTANE

R.T.: 20.530 min
Delta R.T.: 0.016 min
Response: 2036750
Conc: 28.60 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.293 min
Delta R.T.: 0.023 min
Response: 2024324
Conc: 30.68 ug/ml



#18 N-TETRACONTANE

R.T.: 22.255 min
Delta R.T.: 0.031 min
Response: 2115791
Conc: 31.10 ug/ml m