Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021022\
Data File : FG009368.D
Signal(s) : FID1A.ch
Acq On : 10 Feb 2022 15:38
Operator : AJ\MA
Sample : 20 TRPH STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 11 03:11:11 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021022.M
Quant Title :
QLast Update : Fri Feb 11 03:10:08 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...	14.730	5005226	21.440 ug/ml
	Target Compounds			
1)	N-OCTANE	2.313	5552876	20.494 ug/ml
2)	N-DECANE	4.396	5675623	20.555 ug/ml
3)	N-DODECANE	6.420	5722360	20.674 ug/ml
4)	N-TETRADECANE	8.220	5772106	20.760 ug/ml
5)	N-HEXADECANE	9.829	5788089	20.914 ug/ml
6)	N-OCTADECANE	11.279	5924650	21.086 ug/ml
7)	N-EICOSANE	12.599	5749376	21.232 ug/ml
8)	N-DOCOSANE	13.814	5705069	21.398 ug/ml
10)	N-TETRACOSANE	14.936	5667954	21.451 ug/ml
11)	N-HEXACOSANE	15.974	5592677	21.536 ug/ml
12)	N-OCTACOSANE	16.943	5489517	21.544 ug/ml
13)	N-TRIACONTANE	17.850	5319894	21.490 ug/ml
14)	N-DOTRIACONTANE	18.705	5106178	21.490 ug/ml
15)	N-TETRATRIACONTANE	19.508	4793981	21.374 ug/ml
16)	N-HEXATRIACONTANE	20.267	4255630	21.273 ug/ml
17)	N-OCTATRIACONTANE	21.074	3713397	21.041 ug/ml
18)	N-TETRACONTANE	22.092	3505481	21.052 ug/ml

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

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Signal Phase : Rxi-1ms
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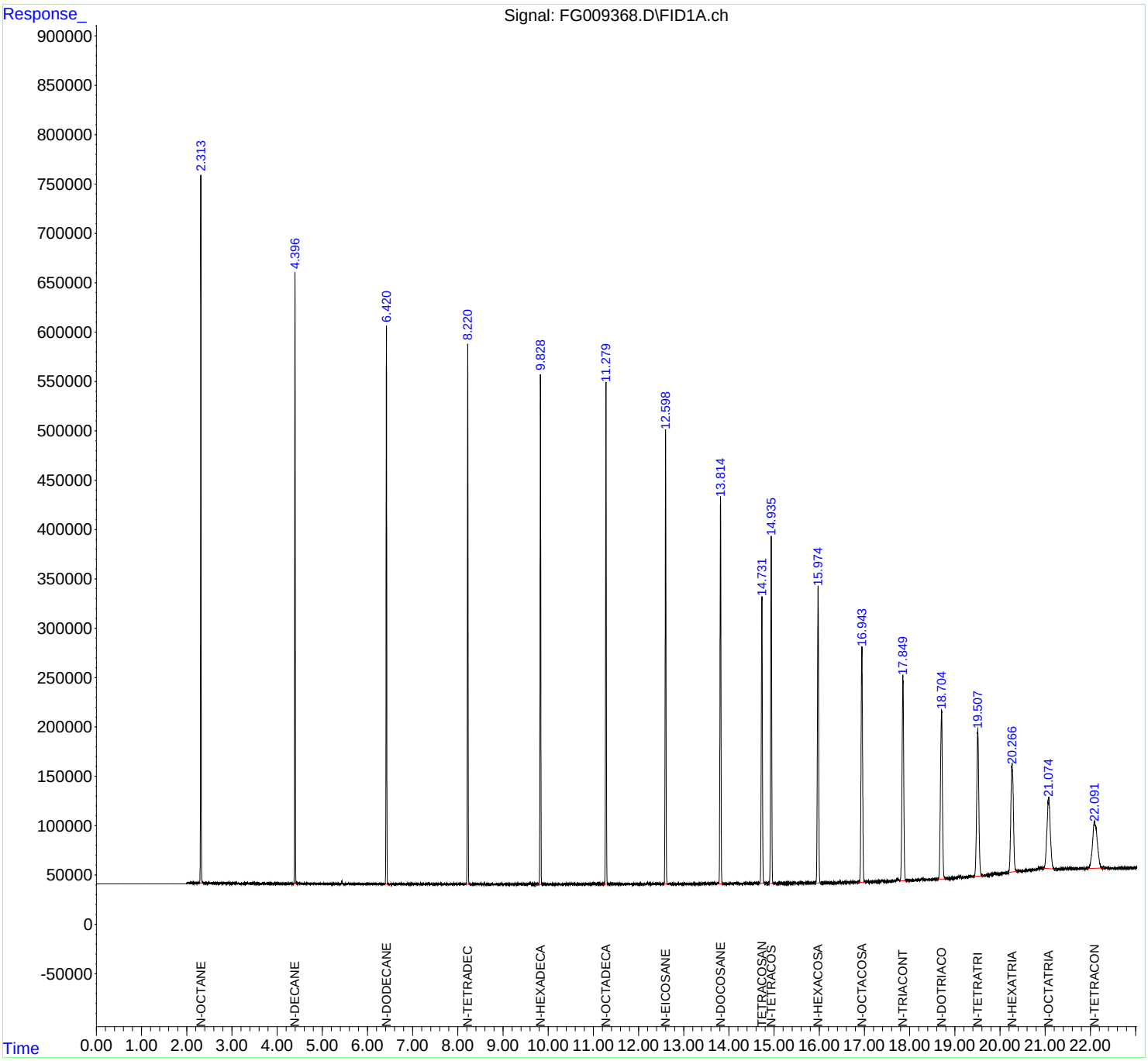
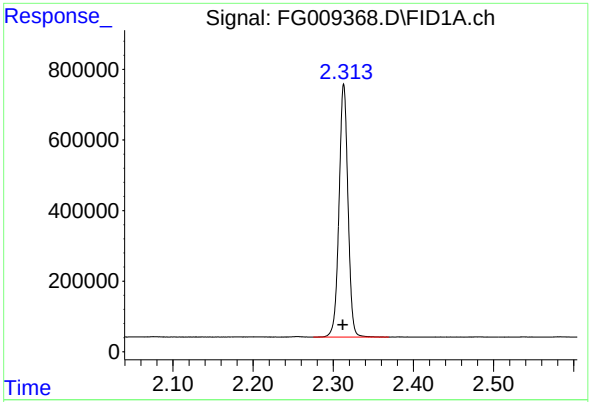
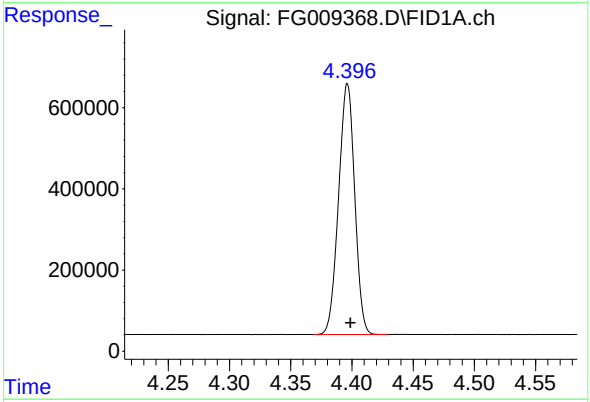




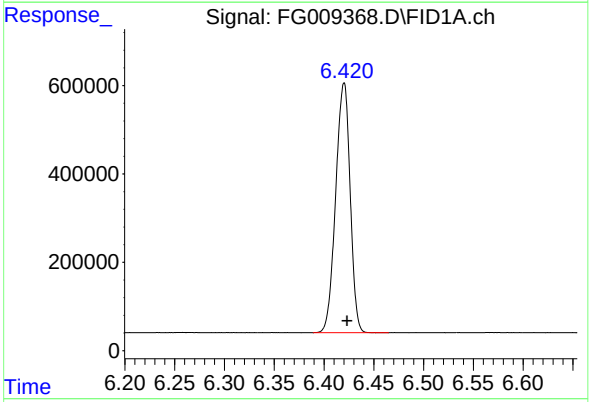
#1 N-OCTANE

R.T.: 2.313 min
Delta R.T.: 0.001 min
Response: 5552876
Conc: 20.49 ug/ml



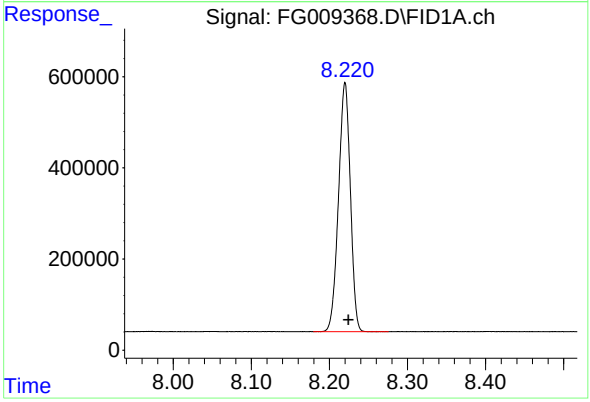
#2 N-DECANE

R.T.: 4.396 min
Delta R.T.: -0.002 min
Response: 5675623
Conc: 20.55 ug/ml



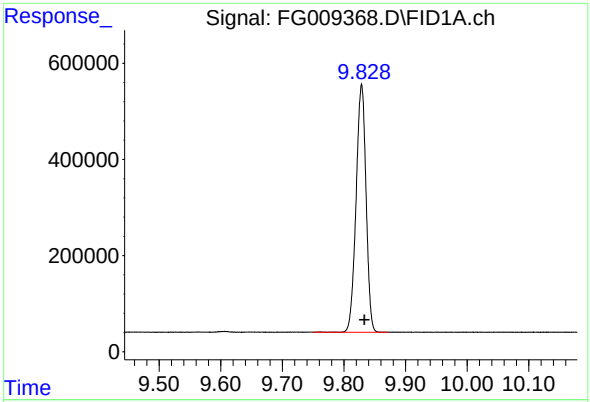
#3 N-DODECANE

R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 5722360
Conc: 20.67 ug/ml



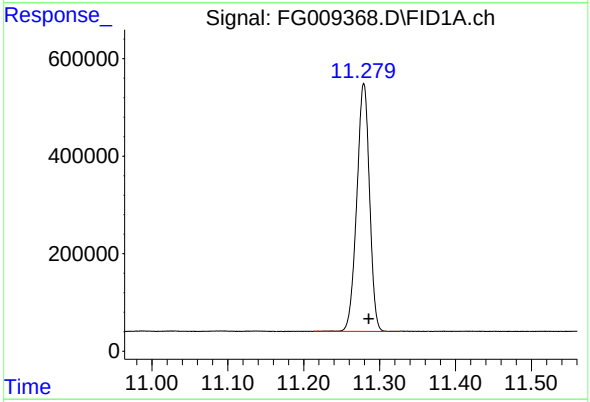
#4 N-TETRADECANE

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 5772106
Conc: 20.76 ug/ml



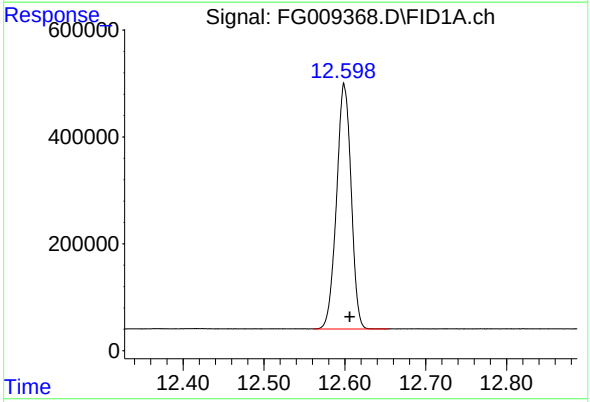
#5 N-HEXADECANE

R.T.: 9.829 min
Delta R.T.: -0.004 min
Response: 5788089
Conc: 20.91 ug/ml



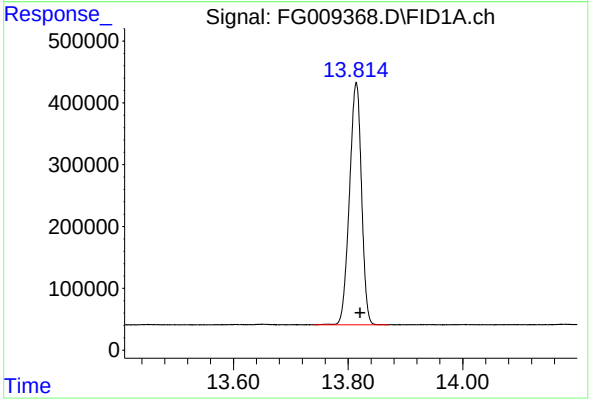
#6 N-OCTADECANE

R.T.: 11.279 min
Delta R.T.: -0.007 min
Response: 5924650
Conc: 21.09 ug/ml



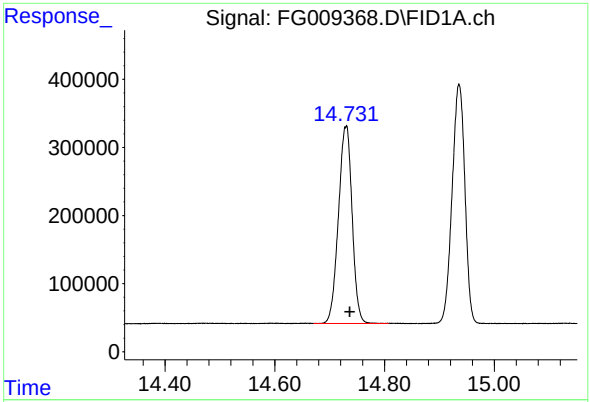
#7 N-EICOSANE

R.T.: 12.599 min
Delta R.T.: -0.007 min
Response: 5749376
Conc: 21.23 ug/ml



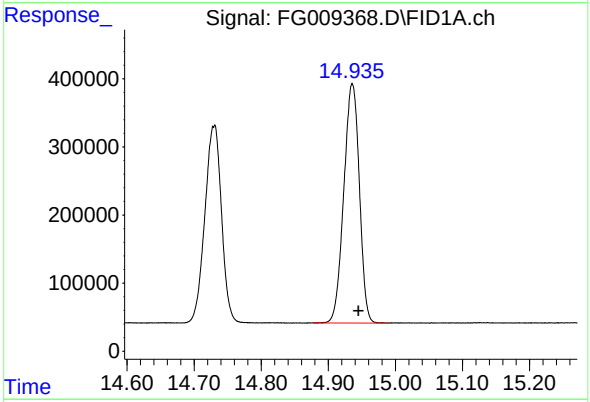
#8 N-DOCOSANE

R.T.: 13.814 min
Delta R.T.: -0.007 min
Response: 5705069
Conc: 21.40 ug/ml



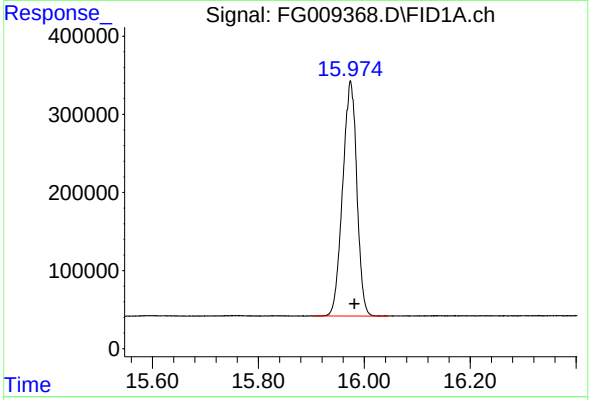
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.730 min
Delta R.T.: -0.006 min
Response: 5005226
Conc: 21.44 ug/ml



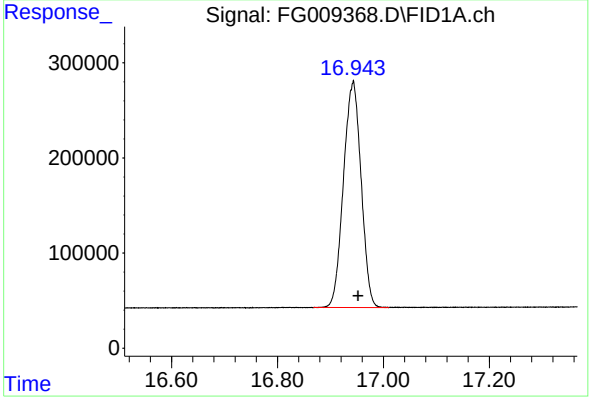
#10 N-TETRACOSANE

R.T.: 14.936 min
Delta R.T.: -0.009 min
Response: 5667954
Conc: 21.45 ug/ml



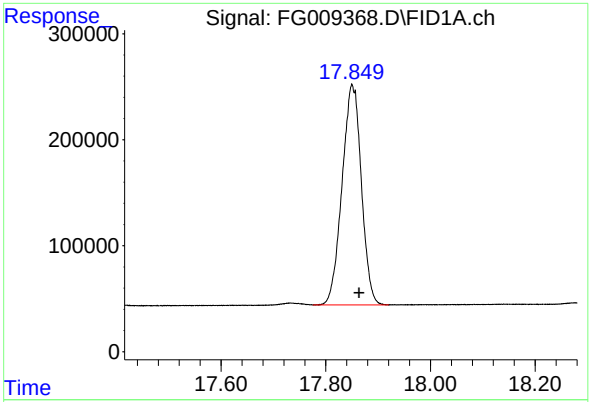
#11 N-HEXACOSANE

R.T.: 15.974 min
Delta R.T.: -0.007 min
Response: 5592677
Conc: 21.54 ug/ml



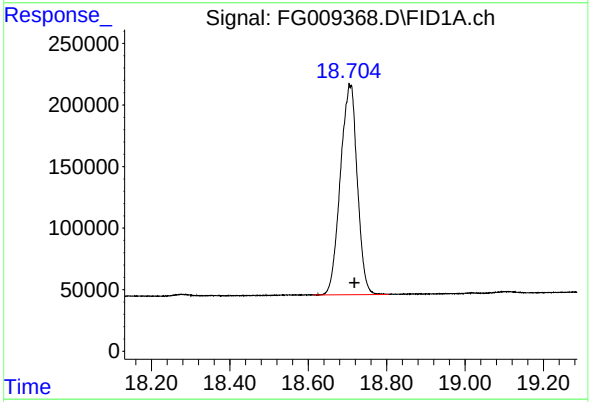
#12 N-OCTACOSANE

R.T.: 16.943 min
Delta R.T.: -0.009 min
Response: 5489517
Conc: 21.54 ug/ml



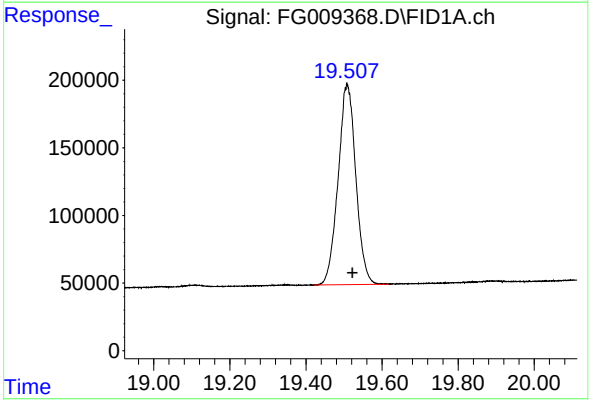
#13 N-TRIACONTANE

R.T.: 17.850 min
Delta R.T.: -0.014 min
Response: 5319894
Conc: 21.49 ug/ml



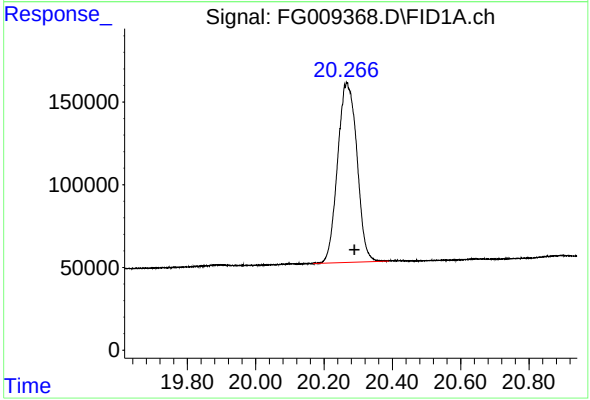
#14 N-DOTRIACONTANE

R.T.: 18.705 min
Delta R.T.: -0.013 min
Response: 5106178
Conc: 21.49 ug/ml



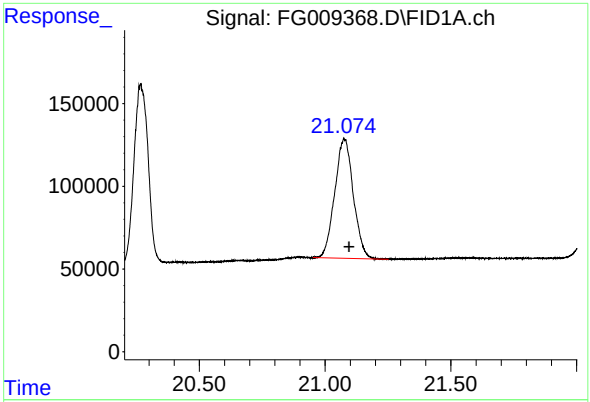
#15 N-TETRATRIACONTANE

R.T.: 19.508 min
Delta R.T.: -0.014 min
Response: 4793981
Conc: 21.37 ug/ml



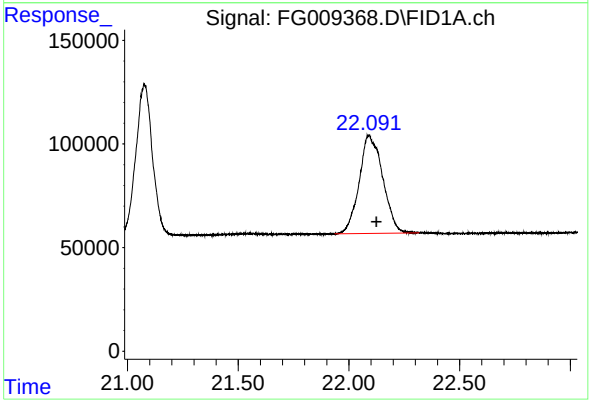
#16 N-HEXATRIACONTANE

R.T.: 20.267 min
Delta R.T.: -0.022 min
Response: 4255630
Conc: 21.27 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.074 min
Delta R.T.: -0.020 min
Response: 3713397
Conc: 21.04 ug/ml



#18 N-TETRACONTANE

R.T.: 22.092 min
Delta R.T.: -0.033 min
Response: 3505481
Conc: 21.05 ug/ml