Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100823\
Data File : FE044710.D
Signal(s) : FID1B.ch
Acq On : 08 Oct 2023 05:55
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 09 00:22:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100323.M
Quant Title :
QLast Update : Tue Oct 03 12:58:41 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...	15.017	7468024	50.902 ug/ml
	Target Compounds			
1)	N-OCTANE	2.023	8385275	51.713 ug/ml
2)	N-DECANE	4.550	8489952	51.863 ug/ml
3)	N-DODECANE	6.719	8662919	52.279 ug/ml
4)	N-TETRADECANE	8.546	8652160	52.085 ug/ml
5)	N-HEXADECANE	10.157	8691312	51.597 ug/ml
6)	N-OCTADECANE	11.603	8575887	51.297 ug/ml
7)	N-EICOSANE	12.915	8401286	51.246 ug/ml
8)	N-DOCOSANE	14.116	8050106	51.171 ug/ml
10)	N-TETRACOSANE	15.221	7955046	51.374 ug/ml
11)	N-HEXACOSANE	16.243	7738837	51.331 ug/ml
12)	N-OCTACOSANE	17.196	7596506	51.140 ug/ml
13)	N-TRIACONTANE	18.085	7485209	50.455 ug/ml
14)	N-DOTRIACONTANE	18.918	7233612	49.921 ug/ml
15)	N-TETRATRIACONTANE	19.704	6381763	49.892 ug/ml
16)	N-HEXATRIACONTANE	20.445	5290057	50.082 ug/ml
17)	N-OCTATRIACONTANE	21.188	5043371	50.690 ug/ml
18)	N-TETRACONTANE	22.113	5148054	50.405 ug/ml

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

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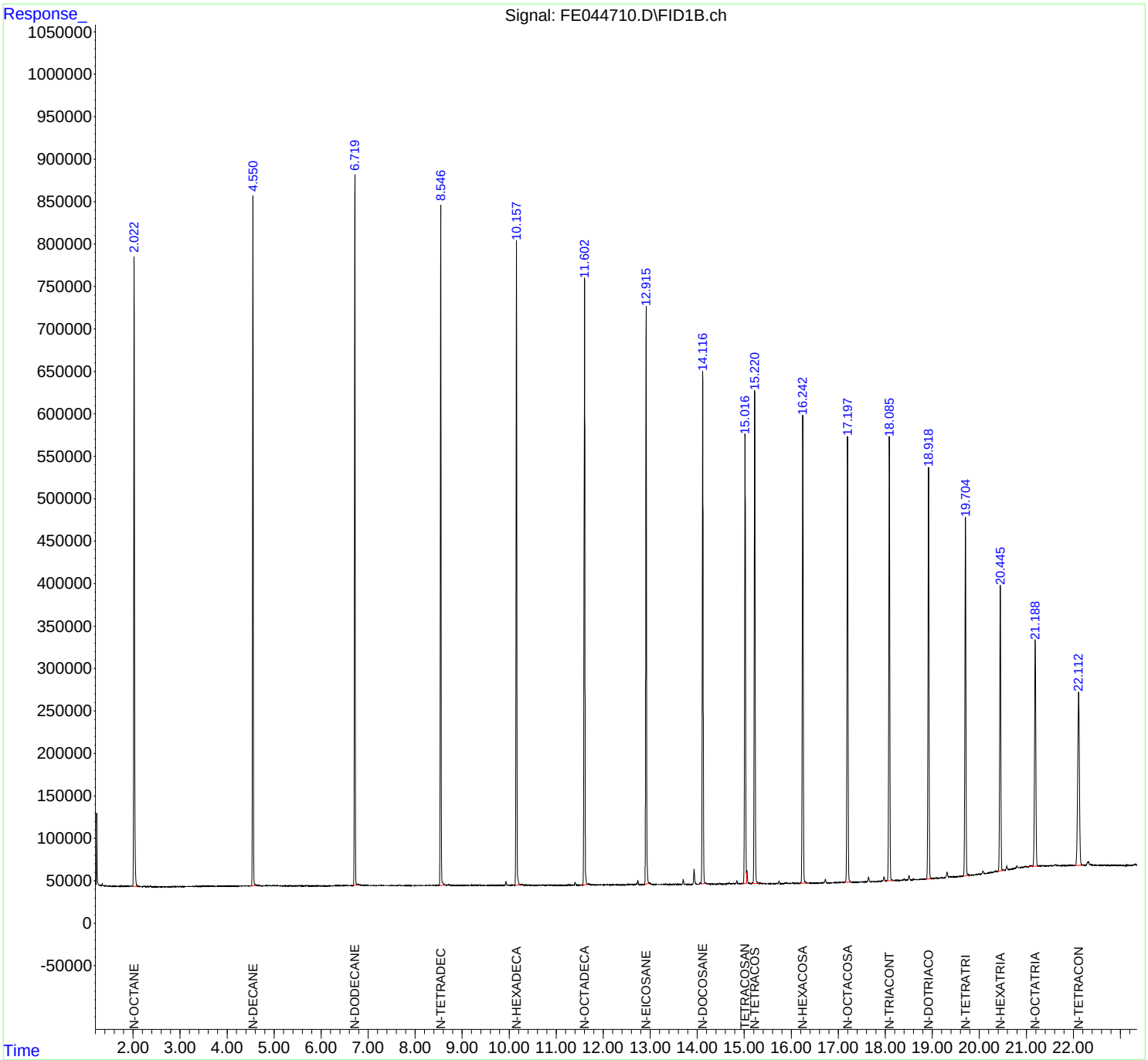
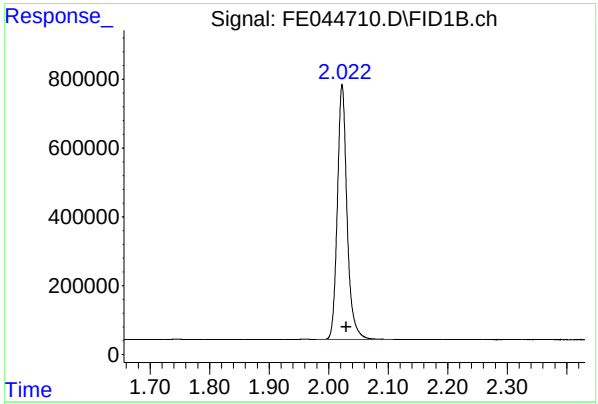
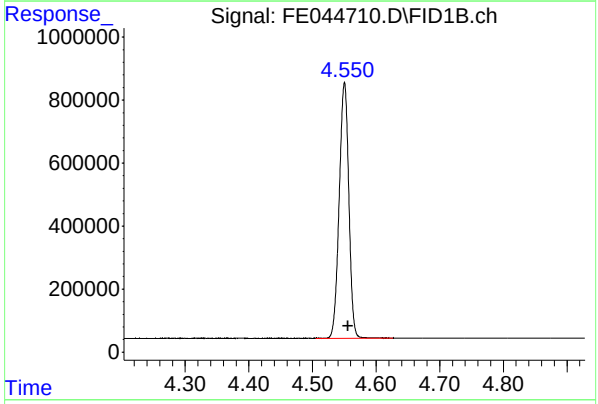




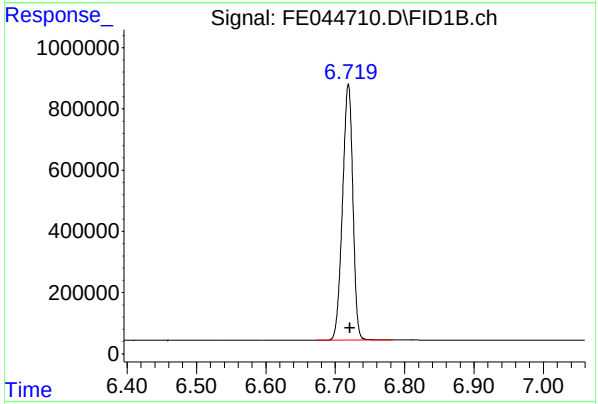
#1 N-OCTANE

R.T.: 2.023 min
Delta R.T.: -0.007 min
Response: 8385275
Conc: 51.71 ug/ml



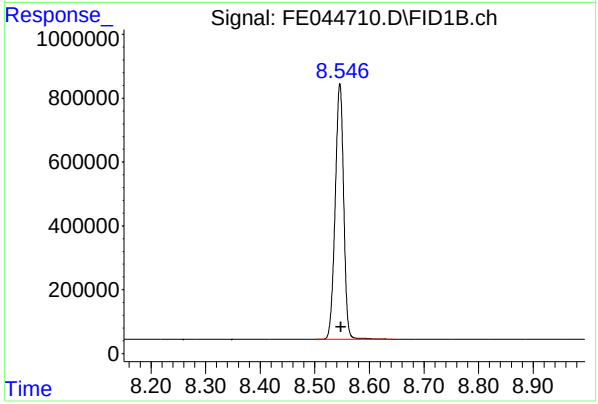
#2 N-DECANE

R.T.: 4.550 min
Delta R.T.: -0.006 min
Response: 8489952
Conc: 51.86 ug/ml



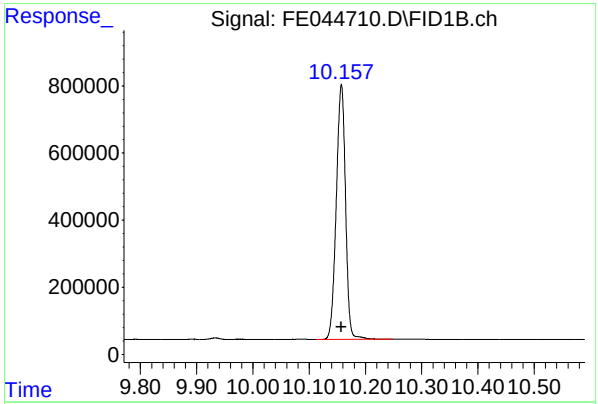
#3 N-DODECANE

R.T.: 6.719 min
Delta R.T.: -0.002 min
Response: 8662919
Conc: 52.28 ug/ml



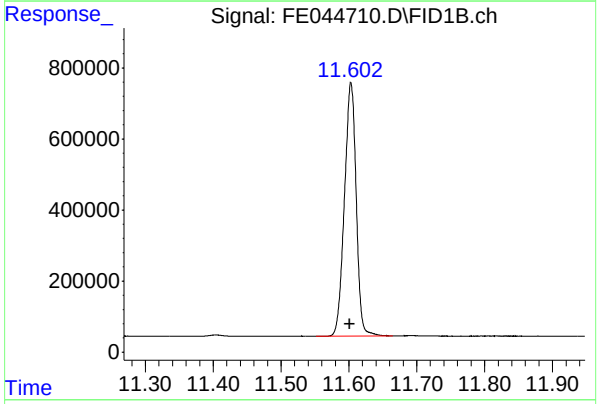
#4 N-TETRADECANE

R.T.: 8.546 min
Delta R.T.: -0.002 min
Response: 8652160
Conc: 52.09 ug/ml



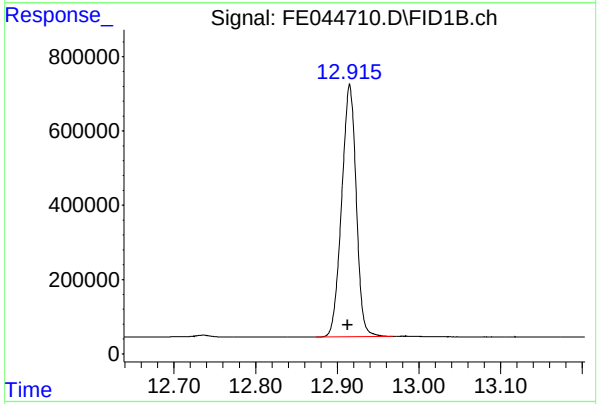
#5 N-HEXADECANE

R.T.: 10.157 min
Delta R.T.: 0.000 min
Response: 8691312
Conc: 51.60 ug/ml



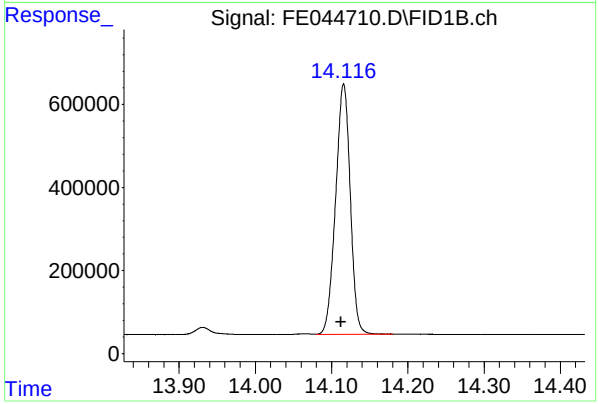
#6 N-OCTADECANE

R.T.: 11.603 min
Delta R.T.: 0.002 min
Response: 8575887
Conc: 51.30 ug/ml



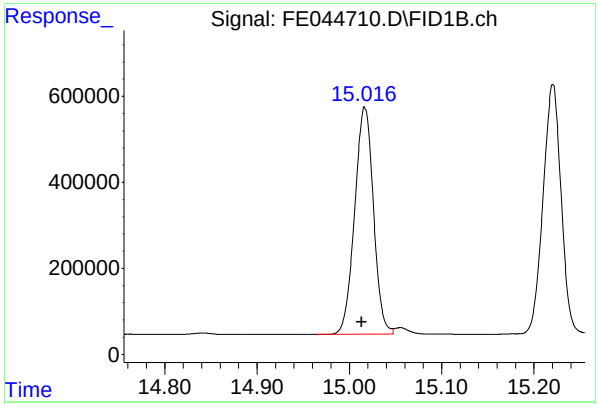
#7 N-EICOSANE

R.T.: 12.915 min
Delta R.T.: 0.003 min
Response: 8401286
Conc: 51.25 ug/ml



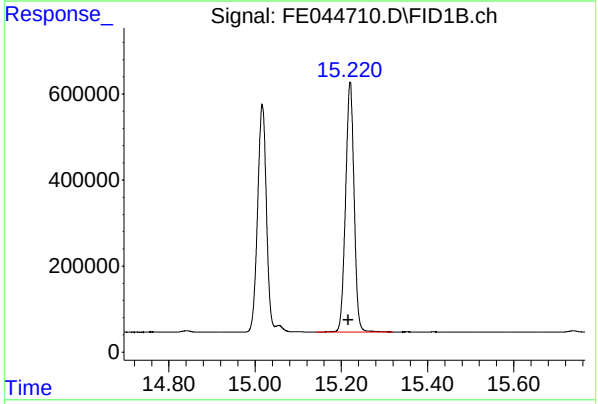
#8 N-DOCOSANE

R.T.: 14.116 min
Delta R.T.: 0.003 min
Response: 8050106
Conc: 51.17 ug/ml



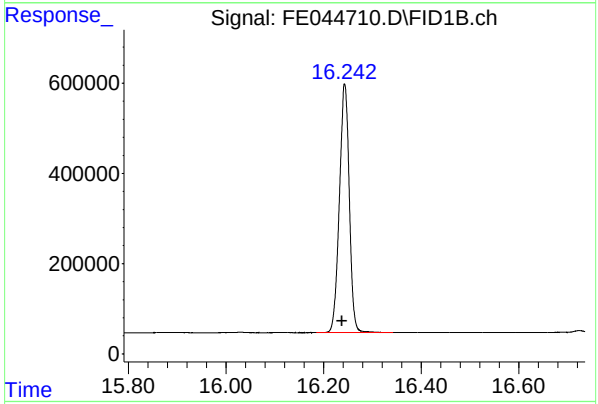
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.017 min
Delta R.T.: 0.004 min
Response: 7468024
Conc: 50.90 ug/ml



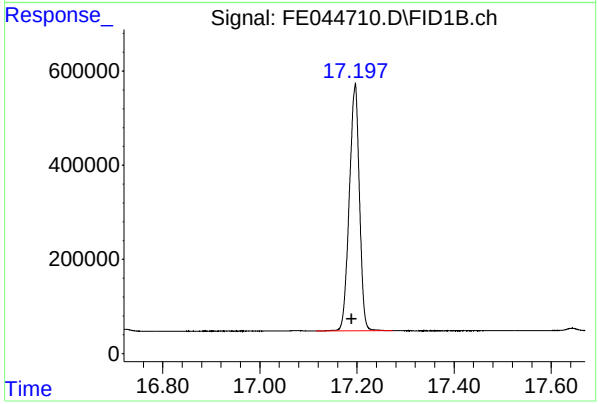
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: 0.004 min
Response: 7955046
Conc: 51.37 ug/ml



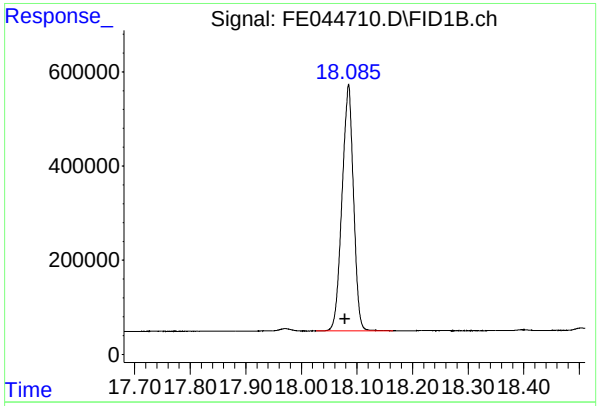
#11 N-HEXACOSANE

R.T.: 16.243 min
Delta R.T.: 0.005 min
Response: 7738837
Conc: 51.33 ug/ml



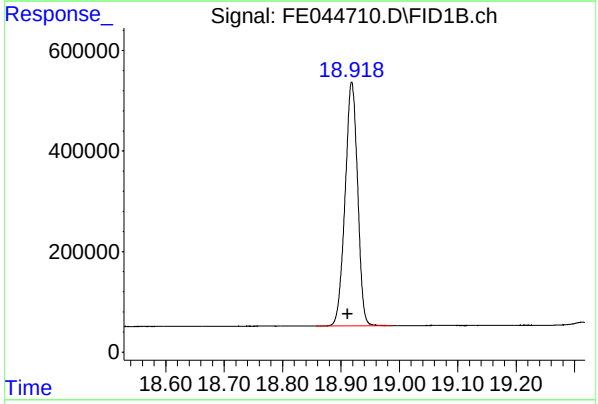
#12 N-OCTACOSANE

R.T.: 17.196 min
Delta R.T.: 0.008 min
Response: 7596506
Conc: 51.14 ug/ml



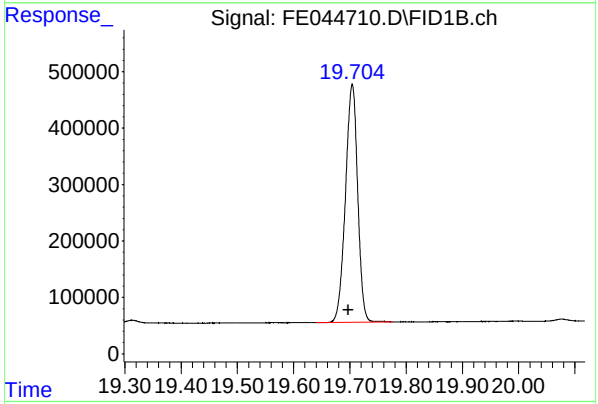
#13 N-TRIACONTANE

R.T.: 18.085 min
Delta R.T.: 0.007 min
Response: 7485209
Conc: 50.45 ug/ml



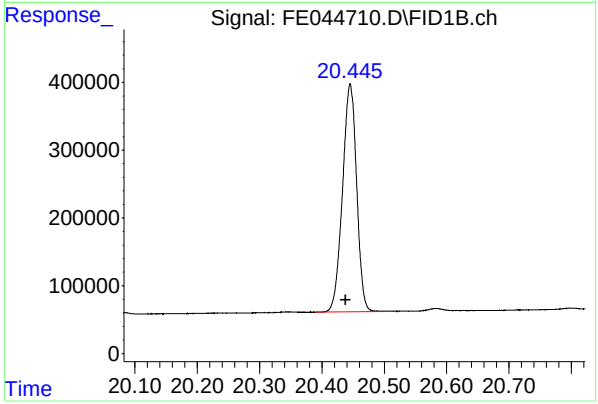
#14 N-DOTRIACONTANE

R.T.: 18.918 min
Delta R.T.: 0.007 min
Response: 7233612
Conc: 49.92 ug/ml



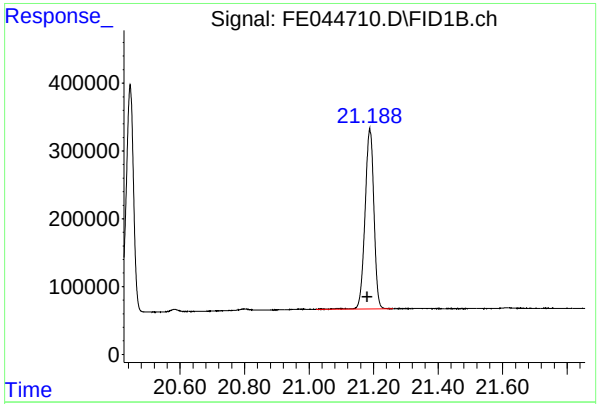
#15 N-TETRATRIACONTANE

R.T.: 19.704 min
Delta R.T.: 0.007 min
Response: 6381763
Conc: 49.89 ug/ml



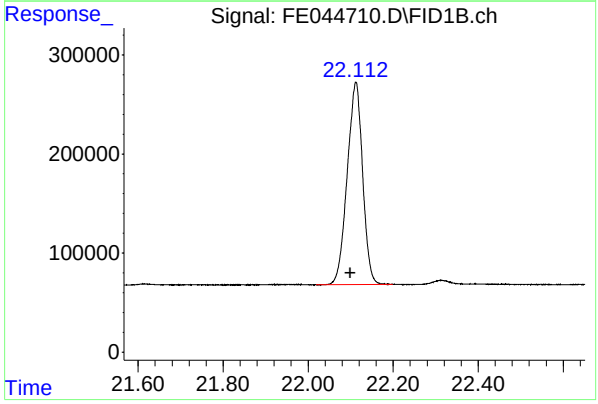
#16 N-HEXATRIACONTANE

R.T.: 20.445 min
Delta R.T.: 0.008 min
Response: 5290057
Conc: 50.08 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: 0.008 min
Response: 5043371
Conc: 50.69 ug/ml



#18 N-TETRACONTANE

R.T.: 22.113 min
Delta R.T.: 0.013 min
Response: 5148054
Conc: 50.40 ug/ml