

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016386.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 00:00
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Aug 26 07:58:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 2025
 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...	15.202	4846800	50.872 ug/ml
Target Compounds			
1) N-OCTANE	2.115	5288699	49.837 ug/ml
2) N-DECANE	4.665	5495340	50.852 ug/ml
3) N-DODECANE	6.849	5539734	50.974 ug/ml
4) N-TETRADECANE	8.691	5569740	50.940 ug/ml
5) N-HEXADECANE	10.311	5556745	51.121 ug/ml
6) N-OCTADECANE	11.766	5653614	51.110 ug/ml
7) N-EICOSANE	13.086	5772770	51.075 ug/ml
8) N-DOCOSANE	14.296	5591014	50.892 ug/ml
10) N-TETRACOSANE	15.409	5572837	50.860 ug/ml
11) N-HEXACOSANE	16.437	5404874	50.537 ug/ml
12) N-OCTACOSANE	17.394	5434350	50.443 ug/ml
13) N-TRIACONTANE	18.289	5506037	50.533 ug/ml
14) N-DOTRIACONTANE	19.127	5362313	50.909 ug/ml
15) N-TETRATRIACONTANE	19.917	4813581	50.517 ug/ml
16) N-HEXATRIACONTANE	20.660	3842398	51.424 ug/ml
17) N-OCTATRIACONTANE	21.452	3041286	50.723 ug/ml
18) N-TETRACONTANE	22.459	2631165	62.599 ug/ml

(f)=RT Delta > 1/2 Window

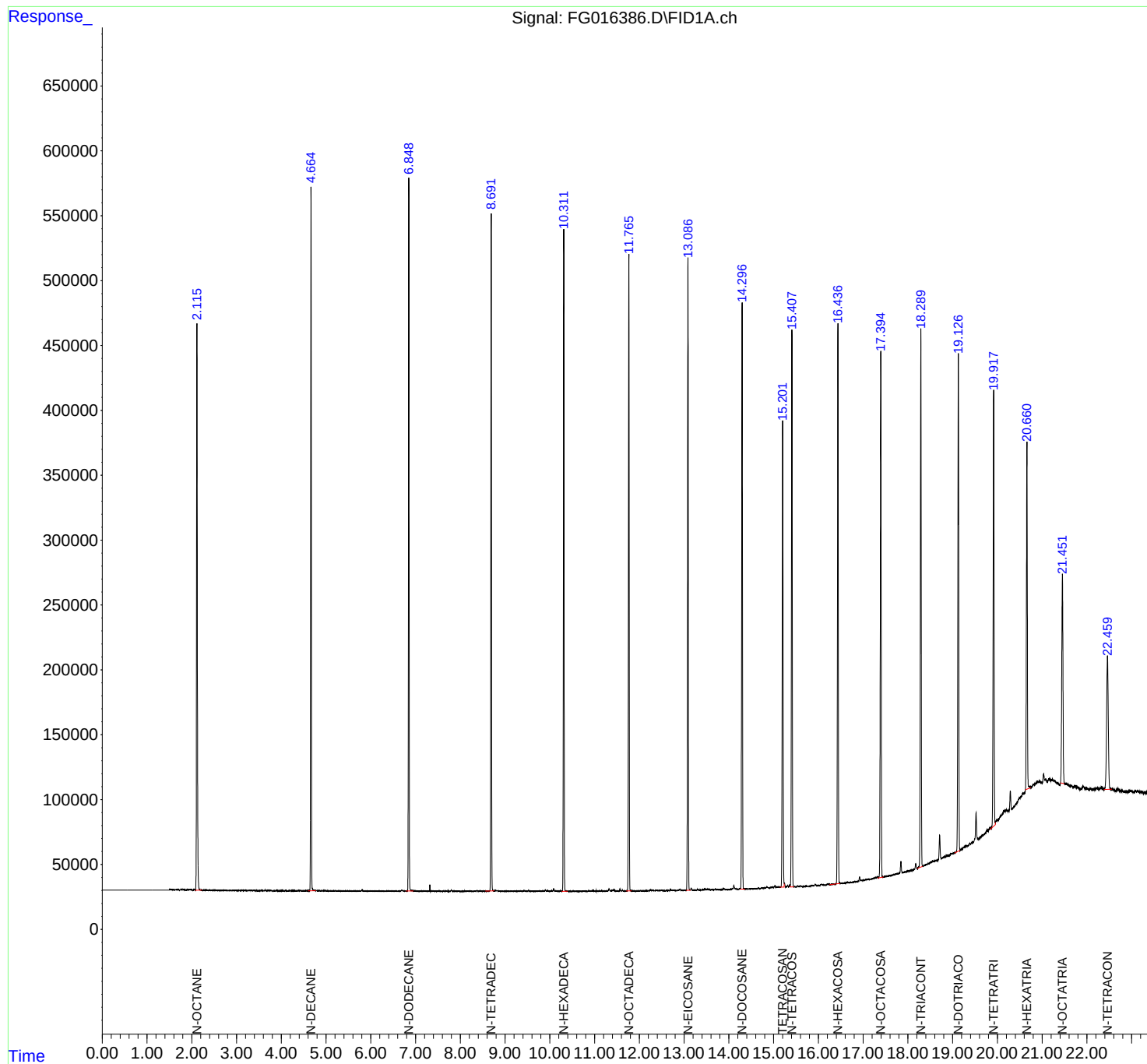
(m)=manual int.

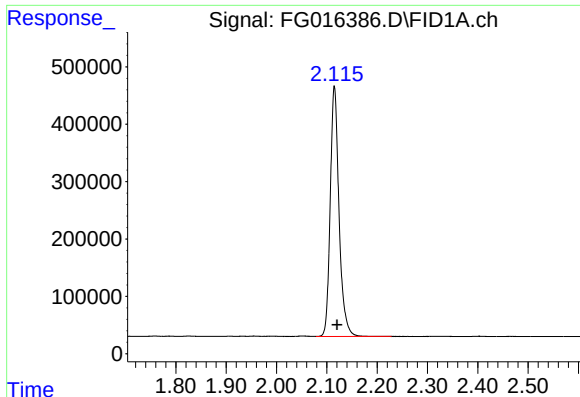
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

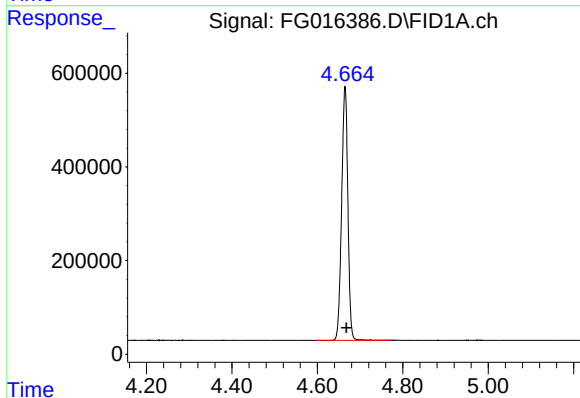




#1 N-OCTANE

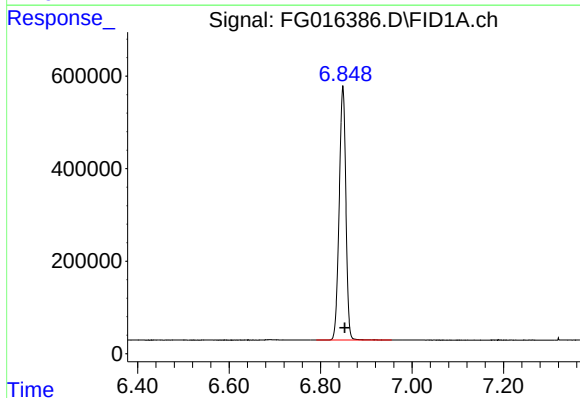
R.T.: 2.115 min
Delta R.T.: -0.005 min
Response: 5288699
Conc: 49.84 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



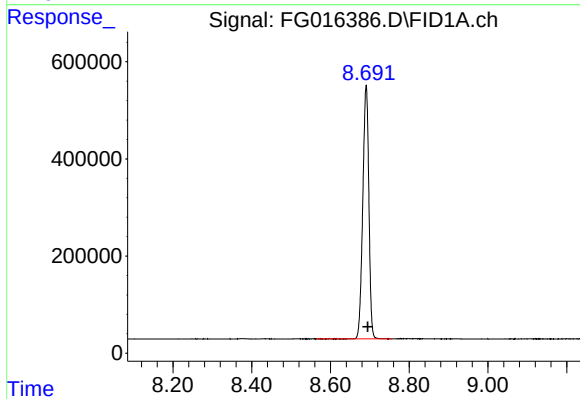
#2 N-DECANE

R.T.: 4.665 min
Delta R.T.: -0.003 min
Response: 5495340
Conc: 50.85 ug/ml



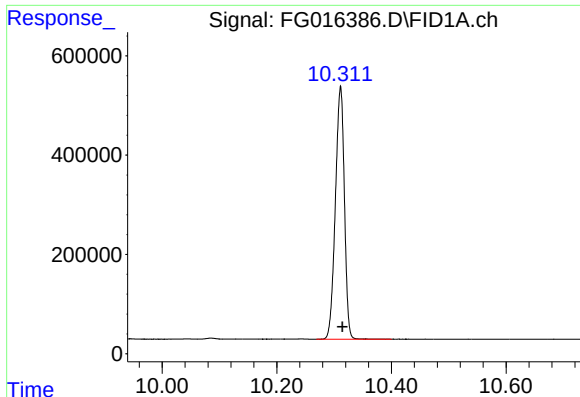
#3 N-DODECANE

R.T.: 6.849 min
Delta R.T.: -0.004 min
Response: 5539734
Conc: 50.97 ug/ml



#4 N-TETRADECANE

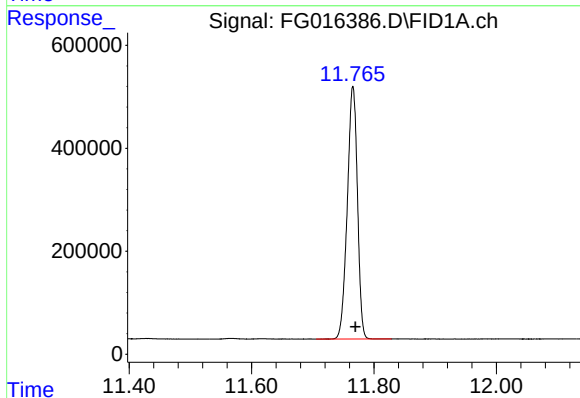
R.T.: 8.691 min
Delta R.T.: -0.004 min
Response: 5569740
Conc: 50.94 ug/ml



#5 N-HEXADECANE

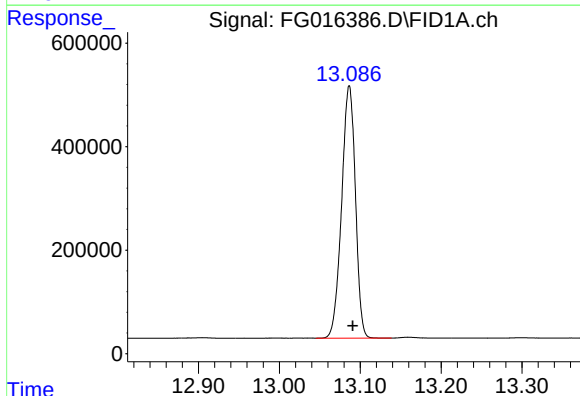
R.T.: 10.311 min
Delta R.T.: -0.003 min
Response: 5556745
Conc: 51.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



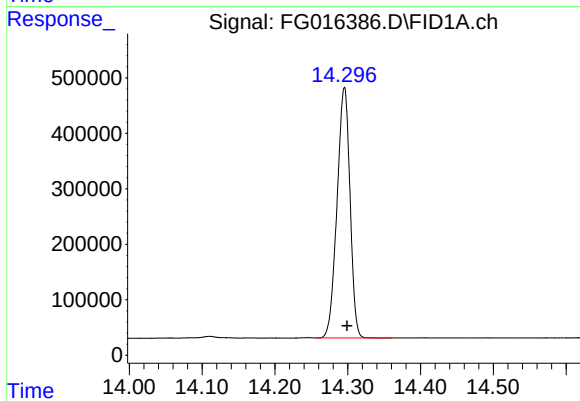
#6 N-OCTADECANE

R.T.: 11.766 min
Delta R.T.: -0.004 min
Response: 5653614
Conc: 51.11 ug/ml



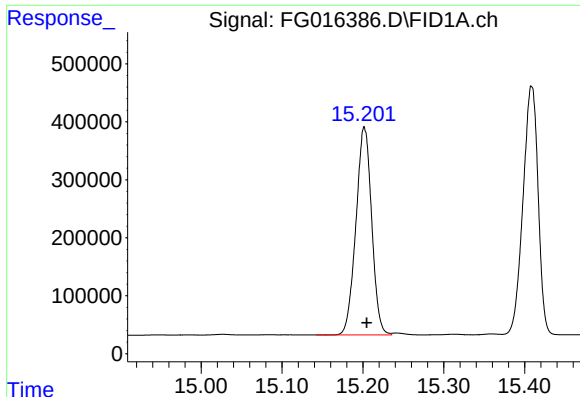
#7 N-EICOSANE

R.T.: 13.086 min
Delta R.T.: -0.004 min
Response: 5772770
Conc: 51.07 ug/ml



#8 N-DOCOSANE

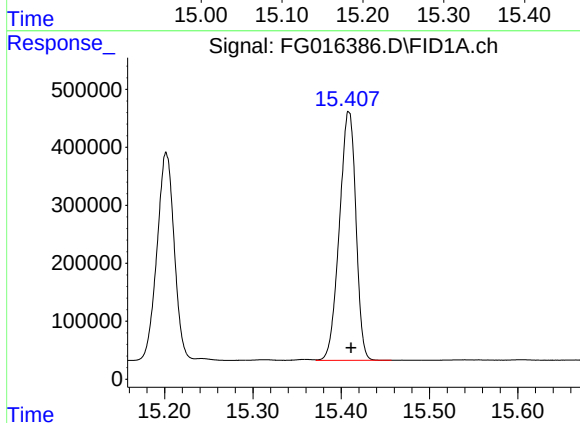
R.T.: 14.296 min
Delta R.T.: -0.004 min
Response: 5591014
Conc: 50.89 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

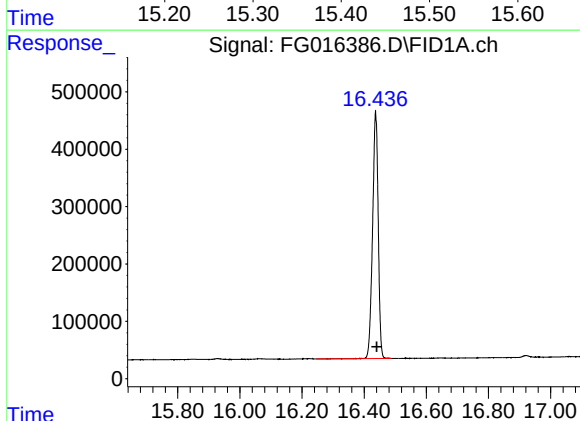
R.T.: 15.202 min
Delta R.T.: -0.003 min
Response: 4846800
Conc: 50.87 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



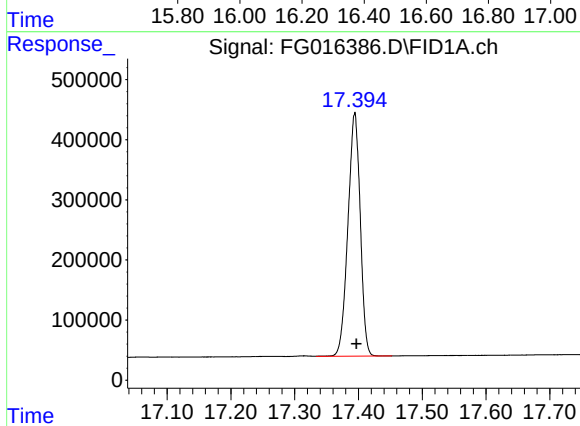
#10 N-TETRACOSANE

R.T.: 15.409 min
Delta R.T.: -0.003 min
Response: 5572837
Conc: 50.86 ug/ml



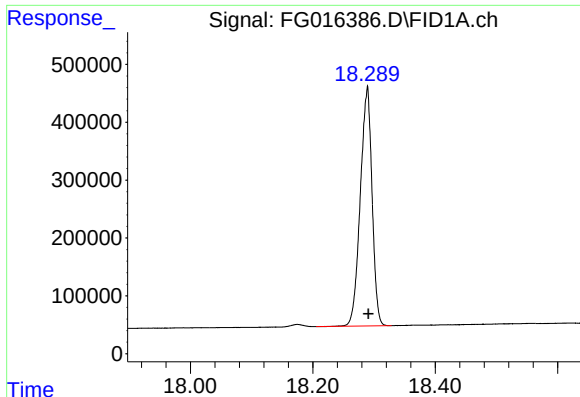
#11 N-HEXACOSANE

R.T.: 16.437 min
Delta R.T.: -0.003 min
Response: 5404874
Conc: 50.54 ug/ml



#12 N-OCTACOSANE

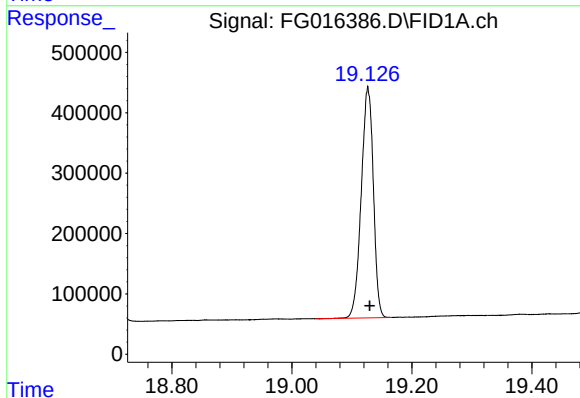
R.T.: 17.394 min
Delta R.T.: -0.003 min
Response: 5434350
Conc: 50.44 ug/ml



#13 N-TRIACONTANE

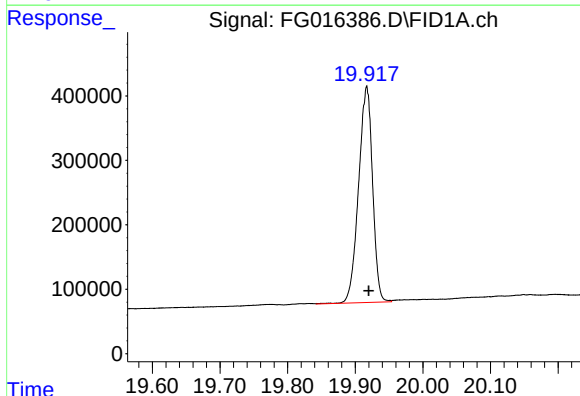
R.T.: 18.289 min
Delta R.T.: -0.002 min
Response: 5506037
Conc: 50.53 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



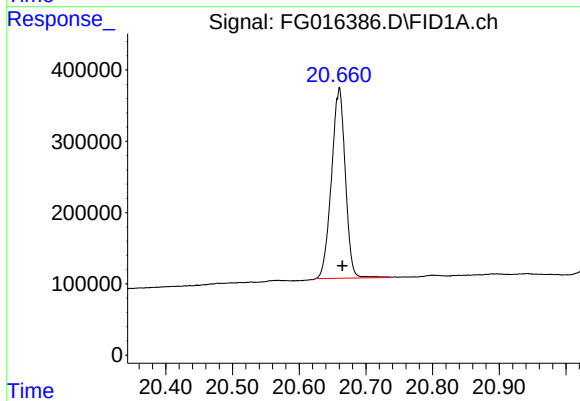
#14 N-DOTRIACONTANE

R.T.: 19.127 min
Delta R.T.: -0.003 min
Response: 5362313
Conc: 50.91 ug/ml



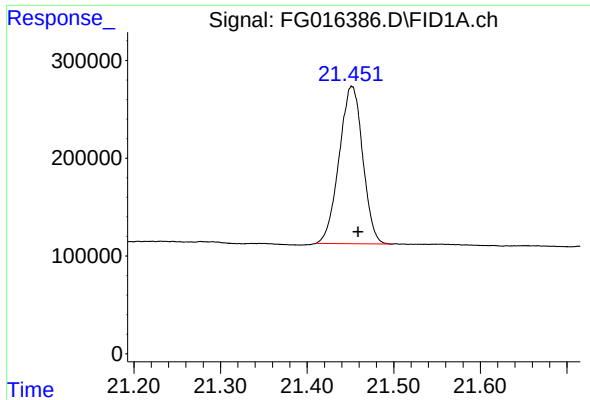
#15 N-TETRATRIACONTANE

R.T.: 19.917 min
Delta R.T.: -0.003 min
Response: 4813581
Conc: 50.52 ug/ml



#16 N-HEXATRIACONTANE

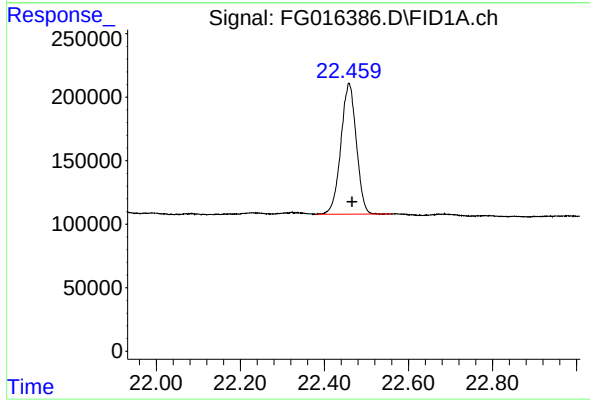
R.T.: 20.660 min
Delta R.T.: -0.005 min
Response: 3842398
Conc: 51.42 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.452 min
Delta R.T.: -0.007 min
Response: 3041286
Conc: 50.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.459 min
Delta R.T.: -0.007 min
Response: 2631165
Conc: 62.60 ug/ml