

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083023\
 Data File : FG012838.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2023 21:19
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :Ankita Jodhani 08/31/2023

Integration File: autoint1.e
 Quant Time: Aug 31 00:52:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.087	5592250	49.991 ug/ml
Target Compounds			
1) N-OCTANE	2.079	6450609	52.393 ug/ml
2) N-DECANE	4.601	6799192	53.521 ug/ml
3) N-DODECANE	6.776	6839514	53.248 ug/ml
4) N-TETRADECANE	8.609	6811921	52.879 ug/ml
5) N-HEXADECANE	10.223	6810095	52.494 ug/ml
6) N-OCTADECANE	11.671	6809983	51.922 ug/ml
7) N-EICOSANE	12.984	6609936	51.392 ug/ml
8) N-DOCOSANE	14.186	6382996	50.469 ug/ml
10) N-TETRACOSANE	15.292	6259956	49.499 ug/ml
11) N-HEXACOSANE	16.315	6077756	48.553 ug/ml
12) N-OCTACOSANE	17.267	5946558	48.384 ug/ml
13) N-TRIACONTANE	18.155	5750788	48.558 ug/ml
14) N-DOTRIACONTANE	18.990	5254862	46.792 ug/ml
15) N-TETRATRIACONTANE	19.771	4650030	49.091 ug/mlm
16) N-HEXATRIACONTANE	20.511	4058070	50.007 ug/mlm
17) N-OCTATRIACONTANE	21.266	3664143	50.740 ug/mlm
18) N-TETRACONTANE	22.219	3727967	53.503 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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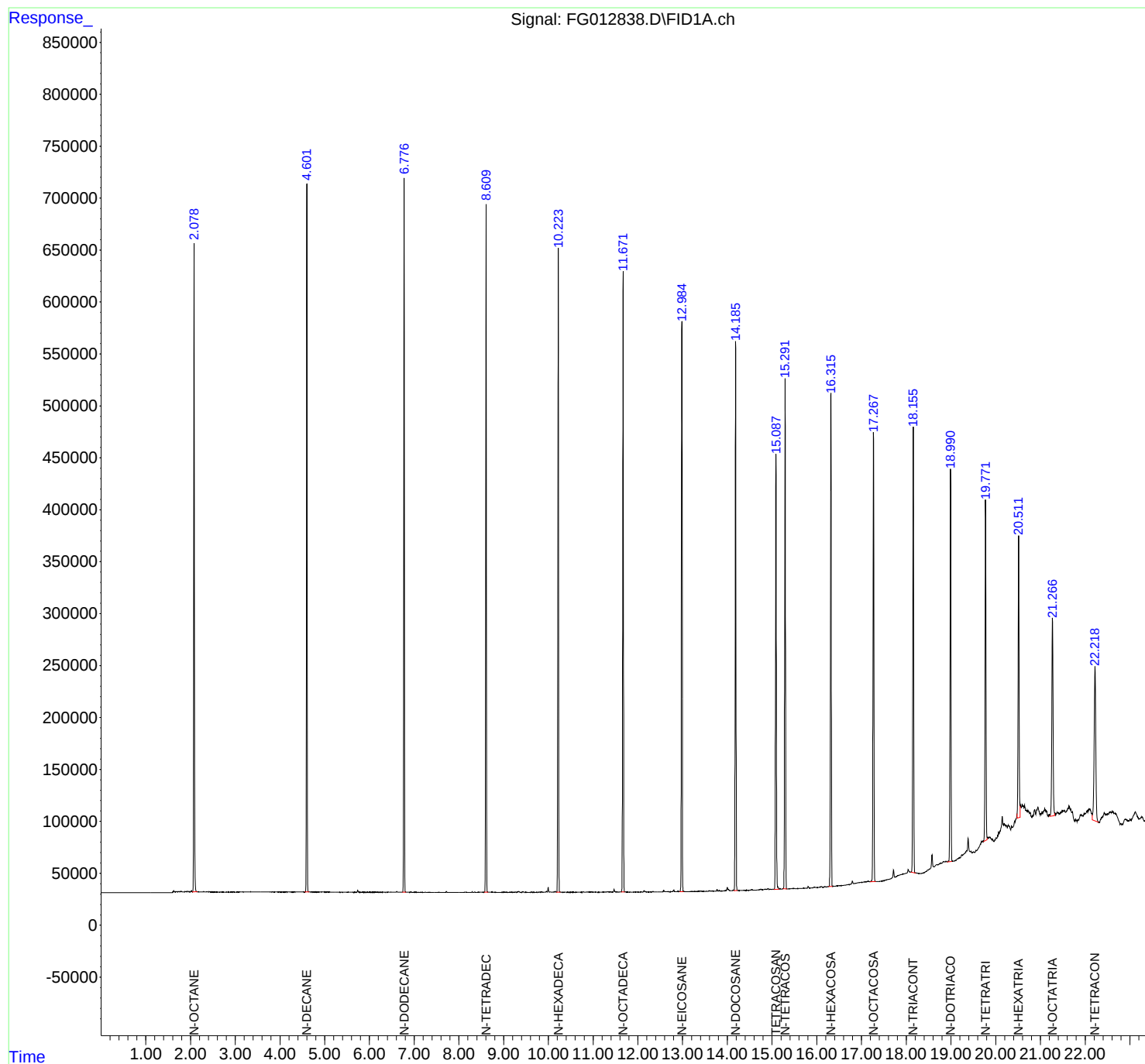
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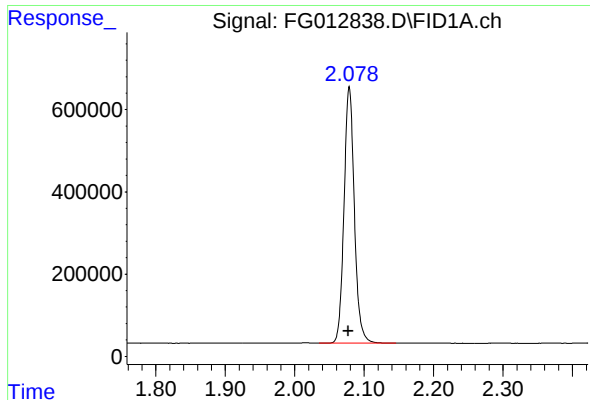
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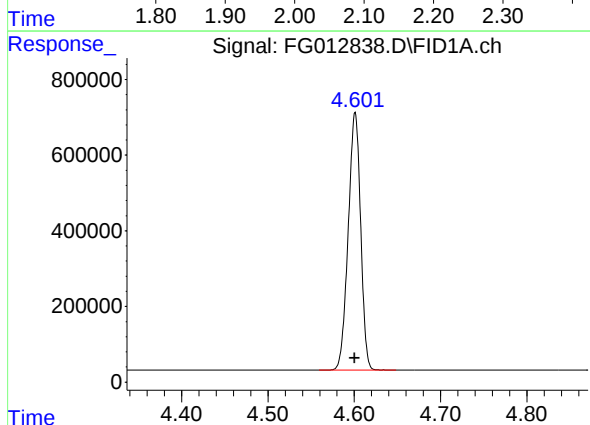
#1 N-OCTANE

R.T.: 2.079 min
Delta R.T.: 0.002 min
Response: 6450609
Conc: 52.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

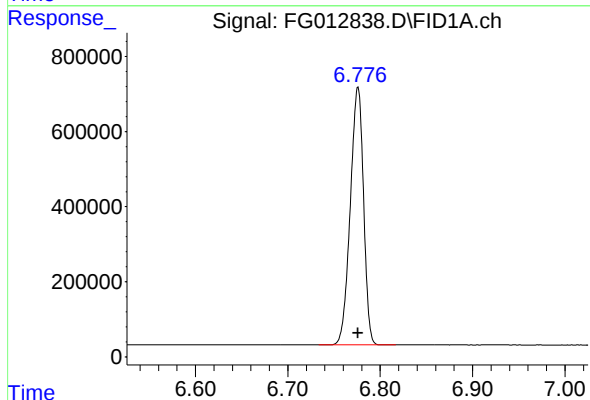
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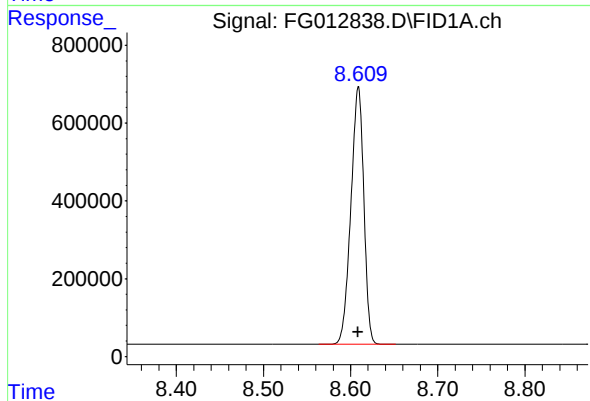
#2 N-DECANE

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 6799192
Conc: 53.52 ug/ml



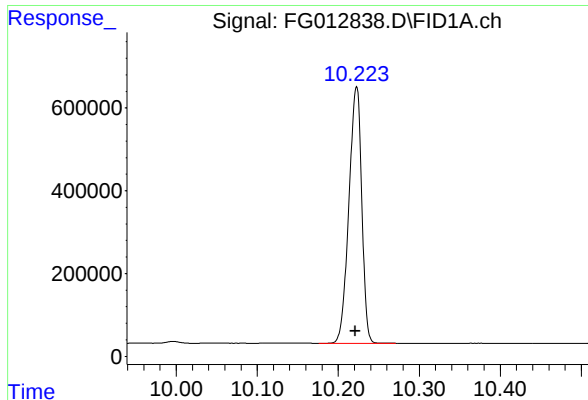
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 6839514
Conc: 53.25 ug/ml



#4 N-TETRADECANE

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 6811921
Conc: 52.88 ug/ml



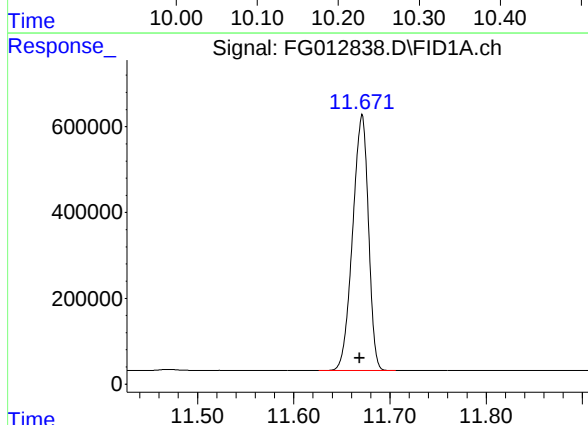
#5 N-HEXADECANE

R.T.: 10.223 min
Delta R.T.: 0.002 min
Response: 6810095
Conc: 52.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

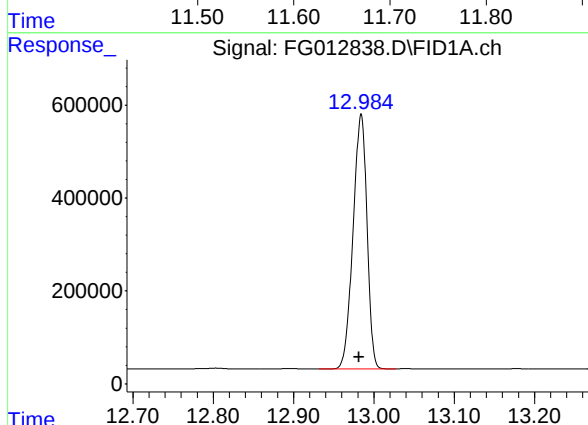
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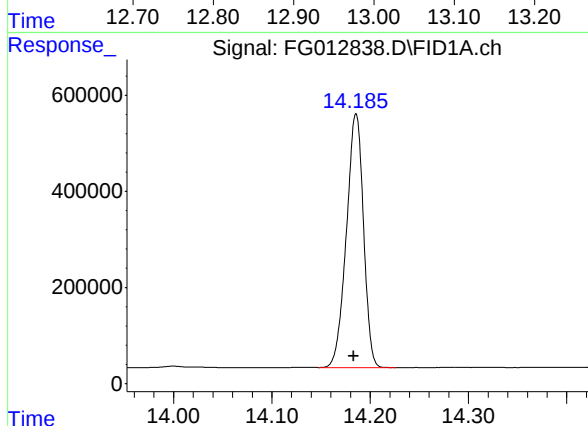
#6 N-OCTADECANE

R.T.: 11.671 min
Delta R.T.: 0.003 min
Response: 6809983
Conc: 51.92 ug/ml



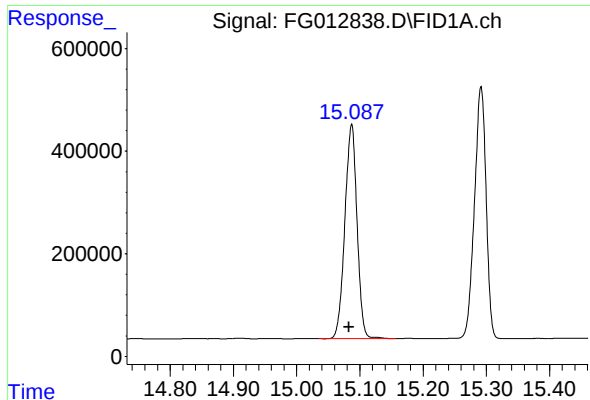
#7 N-EICOSANE

R.T.: 12.984 min
Delta R.T.: 0.003 min
Response: 6609936
Conc: 51.39 ug/ml



#8 N-DOCOSANE

R.T.: 14.186 min
Delta R.T.: 0.003 min
Response: 6382996
Conc: 50.47 ug/ml



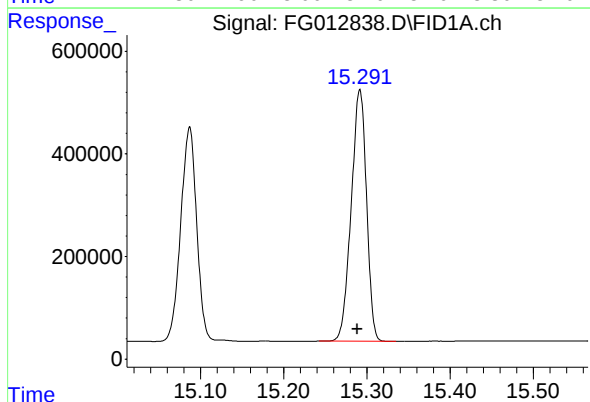
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.087 min
Delta R.T.: 0.004 min
Response: 5592250
Conc: 49.99 ug/ml

Instrument :
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50 PPM TRPH STD

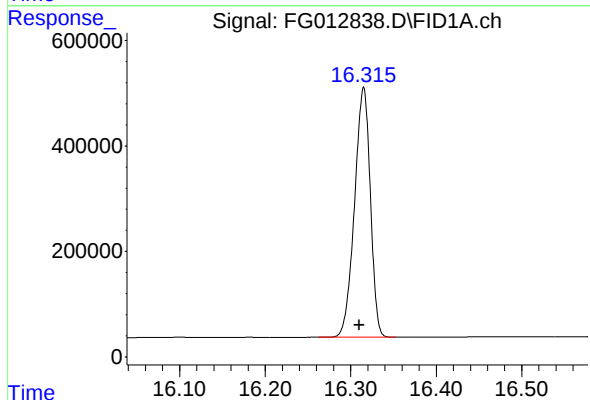
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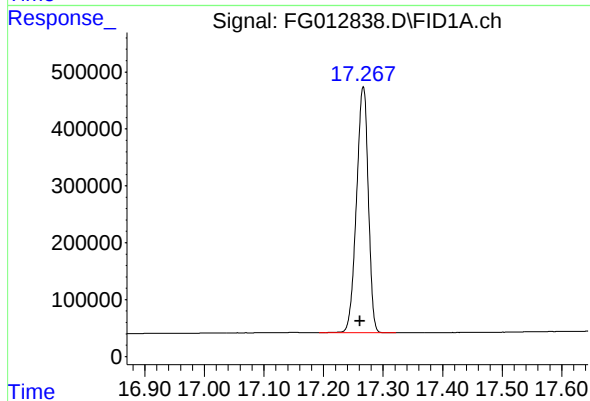
#10 N-TETRACOSANE

R.T.: 15.292 min
Delta R.T.: 0.003 min
Response: 6259956
Conc: 49.50 ug/ml



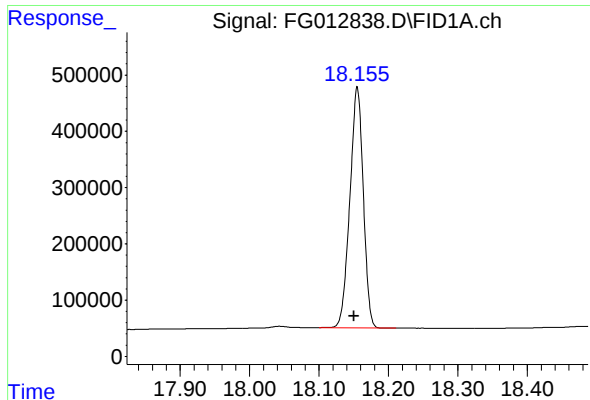
#11 N-HEXACOSANE

R.T.: 16.315 min
Delta R.T.: 0.005 min
Response: 6077756
Conc: 48.55 ug/ml



#12 N-OCTACOSANE

R.T.: 17.267 min
Delta R.T.: 0.006 min
Response: 5946558
Conc: 48.38 ug/ml



#13 N-TRIACONTANE

R.T.: 18.155 min
Delta R.T.: 0.005 min
Response: 5750788
Conc: 48.56 ug/ml

Instrument :

FID_G

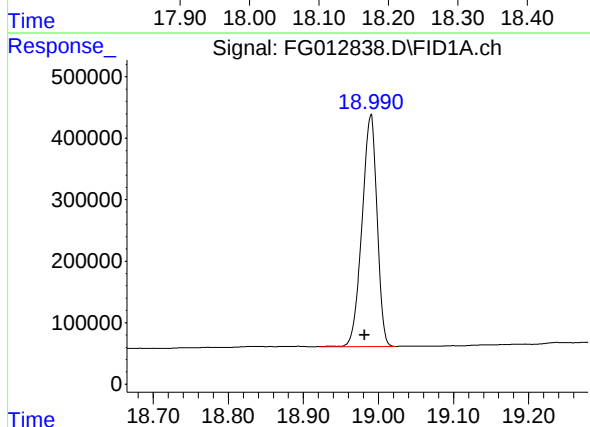
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

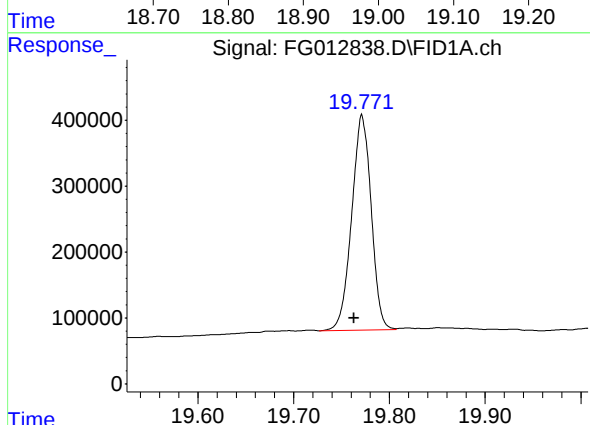
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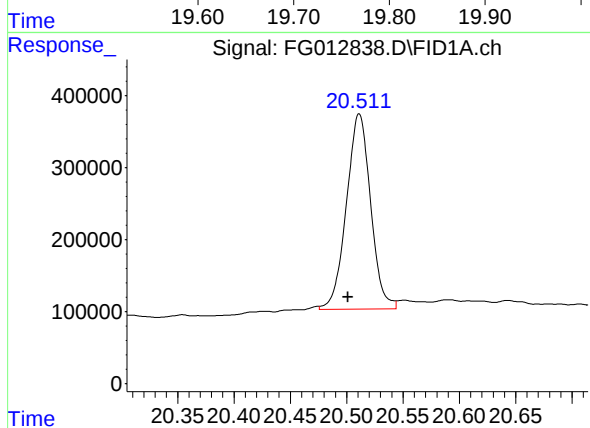
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: 0.009 min
Response: 5254862
Conc: 46.79 ug/ml



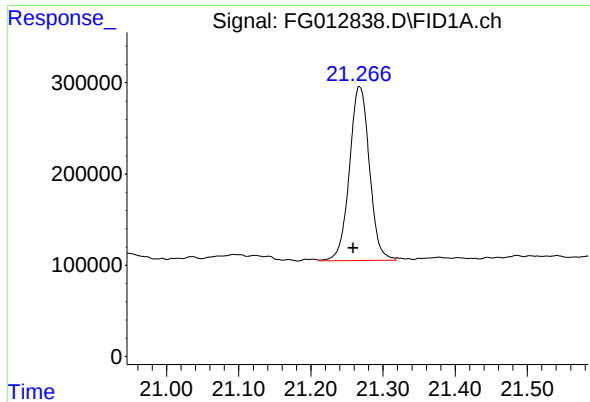
#15 N-TETRATRIACONTANE

R.T.: 19.771 min
Delta R.T.: 0.008 min
Response: 4650030
Conc: 49.09 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.511 min
Delta R.T.: 0.010 min
Response: 4058070
Conc: 50.01 ug/ml m



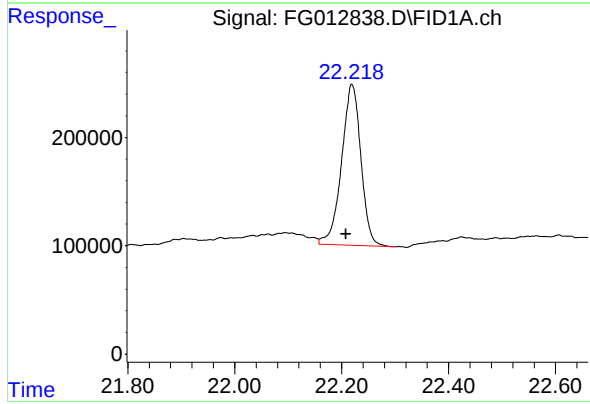
#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.008 min
Response: 3664143
Conc: 50.74 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.219 min
Delta R.T.: 0.010 min
Response: 3727967
Conc: 53.50 ug/ml