

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082123\
 Data File : FG012753.D
 Signal(s) : FID1A.ch
 Acq On : 21 Aug 2023 19:10
 Operator : YP\AJ
 Sample : 04089-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-3-081823MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 23:54:47 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...	15.094	1266312	11.320 ug/mlm
Target Compounds			
1) N-OCTANE	2.081	1459952	11.858 ug/ml
2) N-DECANE	4.604	2566940	20.206 ug/ml
3) N-DODECANE	6.780	4373257	34.047 ug/ml
4) N-TETRADECANE	8.614	5445425	42.271 ug/mlm
5) N-HEXADECANE	10.229	5993137	46.197 ug/mlm
6) N-OCTADECANE	11.676	5218451	39.787 ug/mlm
7) N-EICOSANE	12.990	4500265	34.989 ug/mlm
8) N-DOCOSANE	14.196	3744436	29.606 ug/ml
10) N-TETRACOSANE	15.298	5050278	39.934 ug/ml
11) N-HEXACOSANE	16.324	2784063	22.241 ug/ml
12) N-OCTACOSANE	17.275	2895439	23.559 ug/ml
13) N-TRIACONTANE	18.167	2635483	22.253 ug/ml
14) N-DOTRIACONTANE	19.002	2744473	24.438 ug/ml
15) N-TETRATRIACONTANE	19.788	2260766	23.867 ug/mlm
16) N-HEXATRIACONTANE	20.532	2454391	30.245 ug/mlm
17) N-OCTATRIACONTANE	21.298	2528454	35.013 ug/mlm
18) N-TETRACONTANE	22.262	2588377	37.148 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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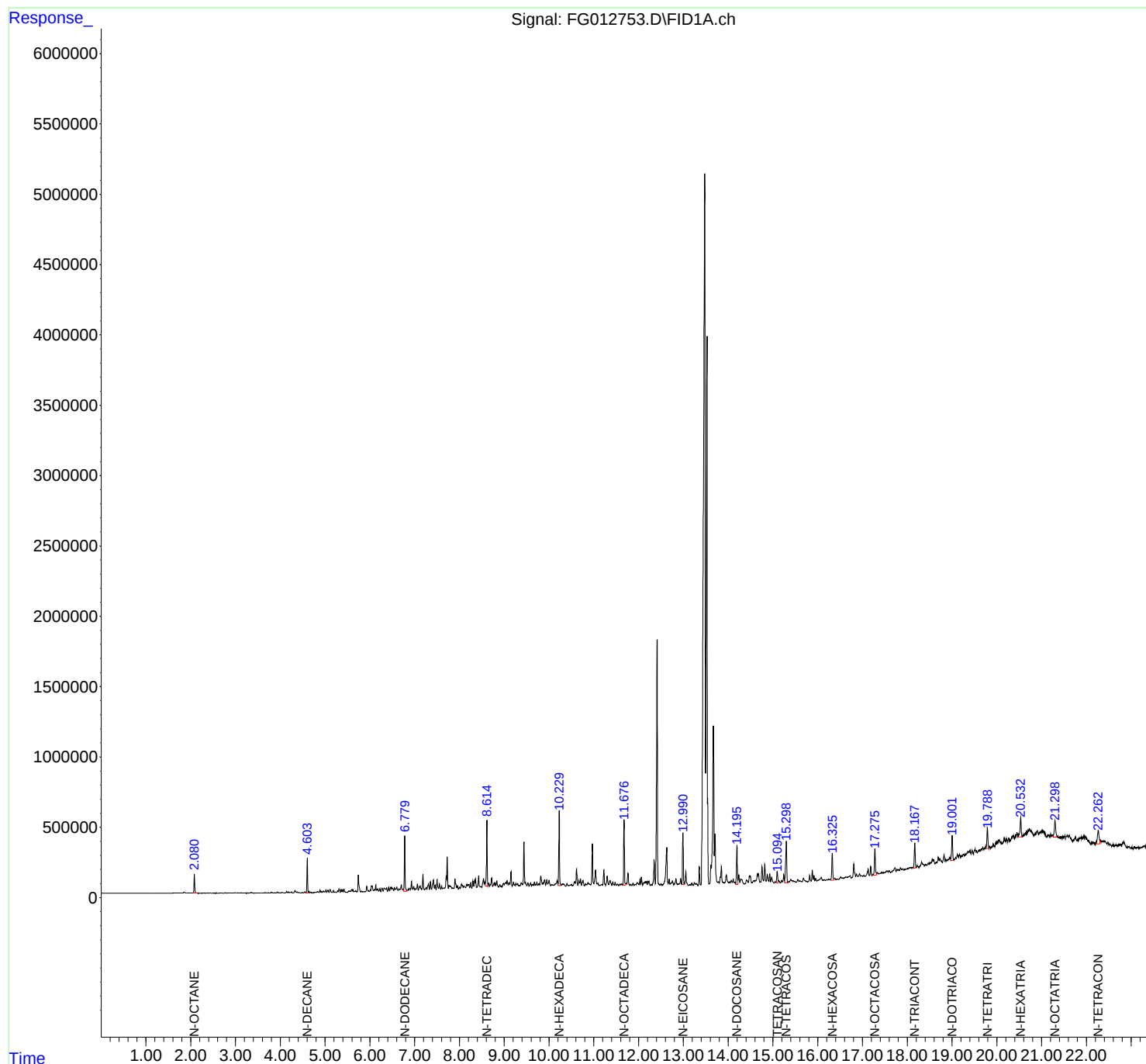
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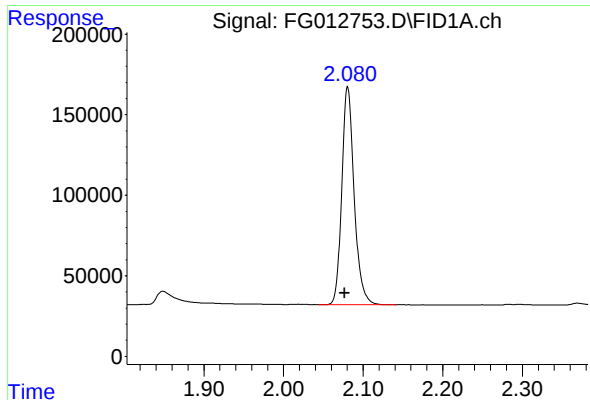
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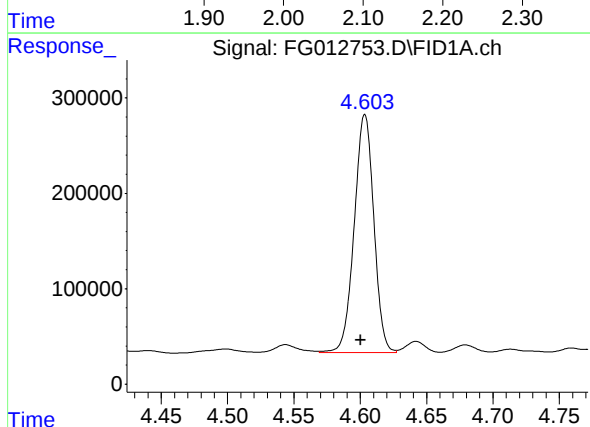
#1 N-OCTANE

R.T.: 2.081 min
Delta R.T.: 0.004 min
Response: 1459952
Conc: 11.86 ug/ml

Instrument :
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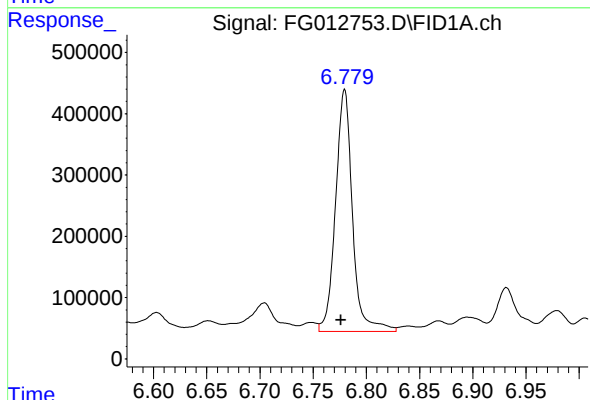
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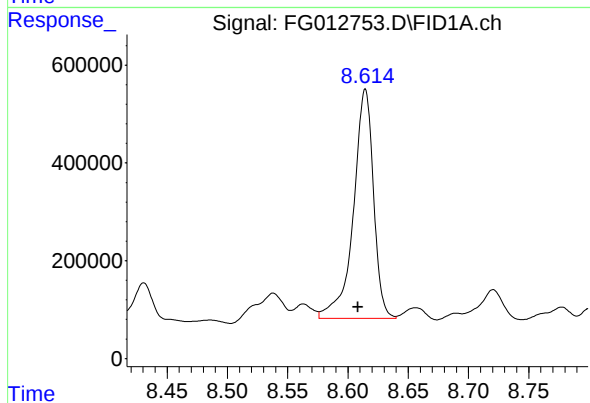
#2 N-DECANE

R.T.: 4.604 min
Delta R.T.: 0.003 min
Response: 2566940
Conc: 20.21 ug/ml



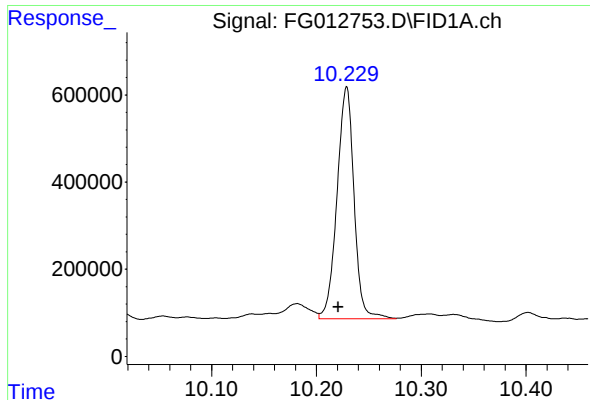
#3 N-DODECANE

R.T.: 6.780 min
Delta R.T.: 0.003 min
Response: 4373257
Conc: 34.05 ug/ml



#4 N-TETRADECANE

R.T.: 8.614 min
Delta R.T.: 0.006 min
Response: 5445425
Conc: 42.27 ug/ml m



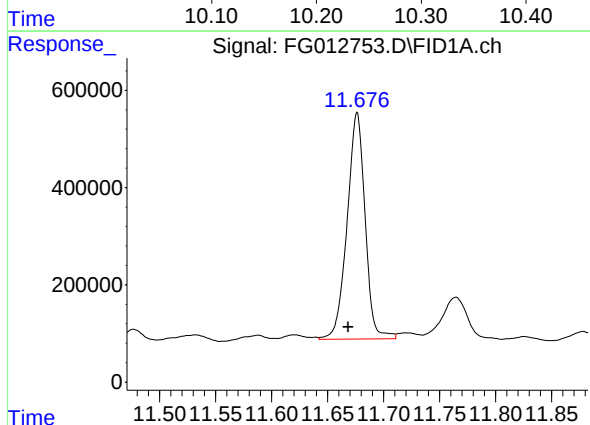
#5 N-HEXADECANE

R.T.: 10.229 min
Delta R.T.: 0.008 min
Response: 5993137
Conc: 46.20 ug/ml

Instrument :
FID_G
ClientSampleId :
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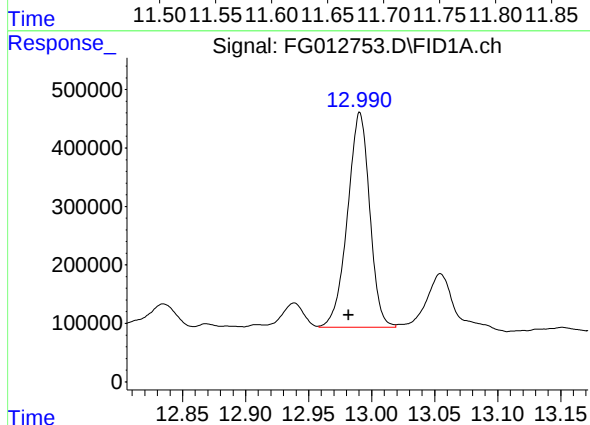
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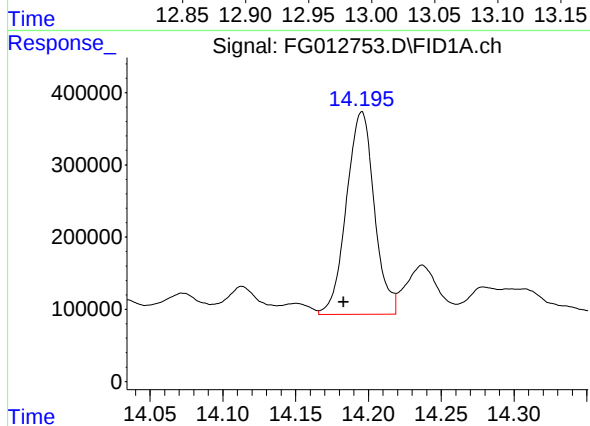
#6 N-OCTADECANE

R.T.: 11.676 min
Delta R.T.: 0.008 min
Response: 5218451
Conc: 39.79 ug/ml m



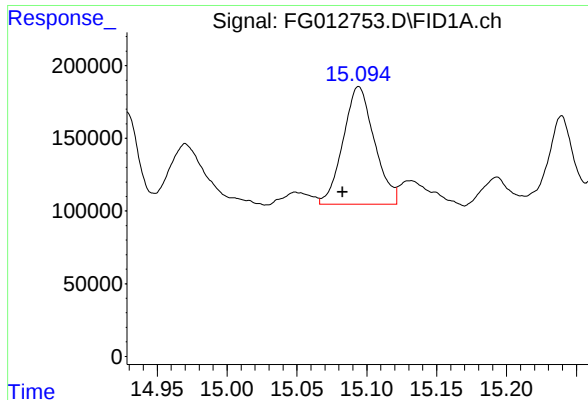
#7 N-EICOSANE

R.T.: 12.990 min
Delta R.T.: 0.008 min
Response: 4500265
Conc: 34.99 ug/ml m



#8 N-DOCOSANE

R.T.: 14.196 min
Delta R.T.: 0.012 min
Response: 3744436
Conc: 29.61 ug/ml



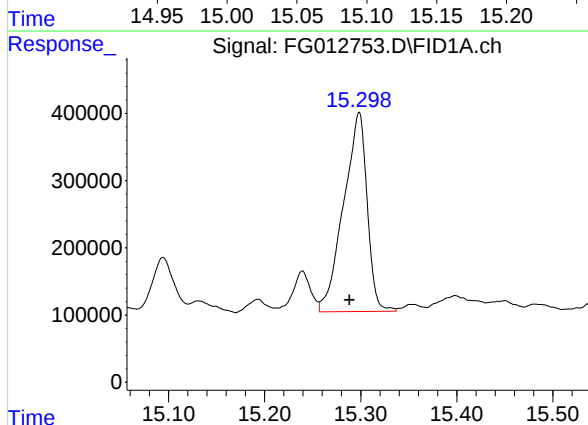
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.094 min
Delta R.T.: 0.011 min
Response: 1266312
Conc: 11.32 ug/ml

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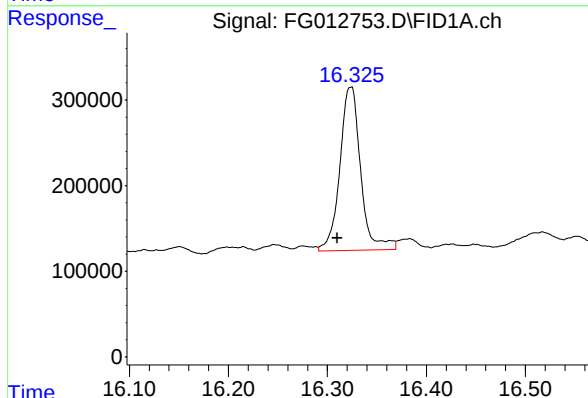
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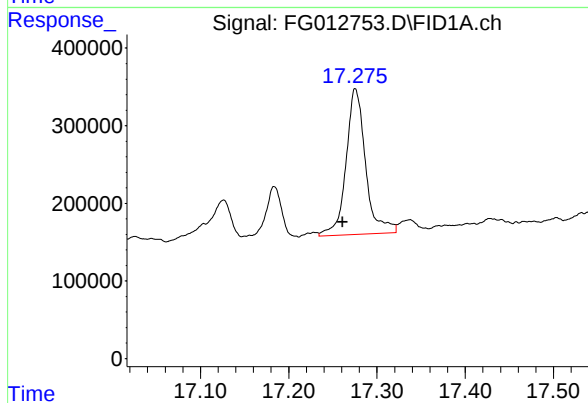
#10 N-TETRACOSANE

R.T.: 15.298 min
Delta R.T.: 0.010 min
Response: 5050278
Conc: 39.93 ug/ml



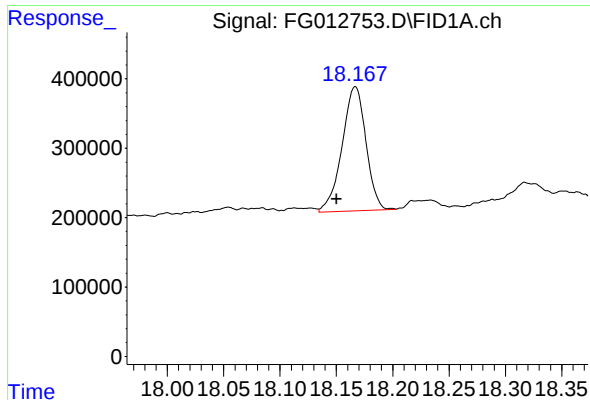
#11 N-HEXACOSANE

R.T.: 16.324 min
Delta R.T.: 0.014 min
Response: 2784063
Conc: 22.24 ug/ml



#12 N-OCTACOSANE

R.T.: 17.275 min
Delta R.T.: 0.014 min
Response: 2895439
Conc: 23.56 ug/ml



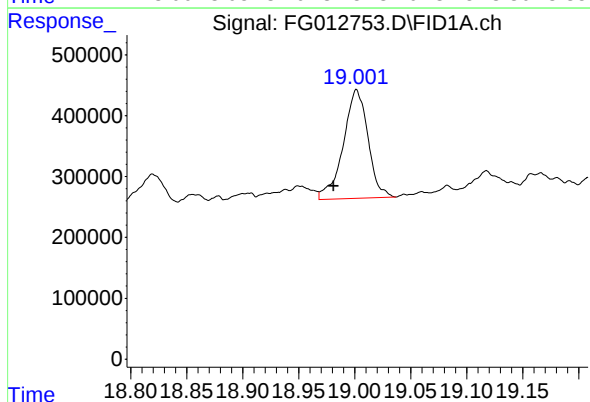
#13 N-TRIACONTANE

R.T.: 18.167 min
Delta R.T.: 0.017 min
Response: 2635483
Conc: 22.25 ug/ml

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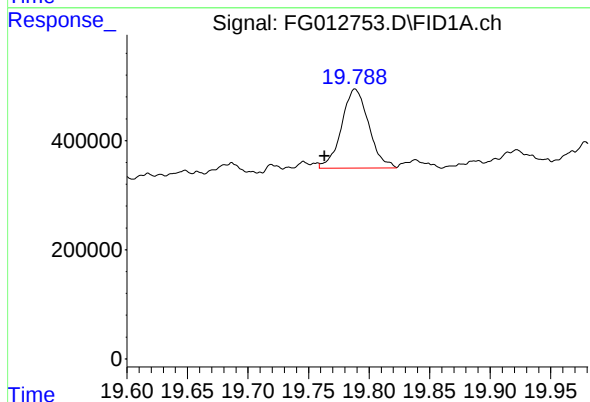
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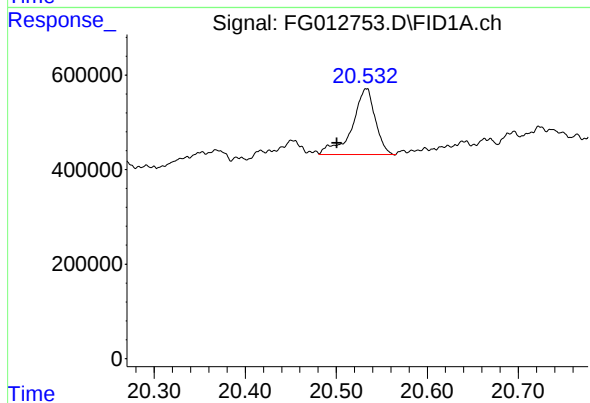
#14 N-DOTRIACONTANE

R.T.: 19.002 min
Delta R.T.: 0.020 min
Response: 2744473
Conc: 24.44 ug/ml



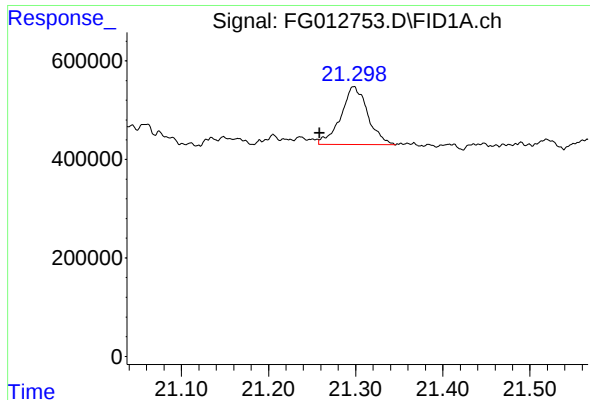
#15 N-TETRATRIACONTANE

R.T.: 19.788 min
Delta R.T.: 0.025 min
Response: 2260766
Conc: 23.87 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.532 min
Delta R.T.: 0.031 min
Response: 2454391
Conc: 30.25 ug/ml m



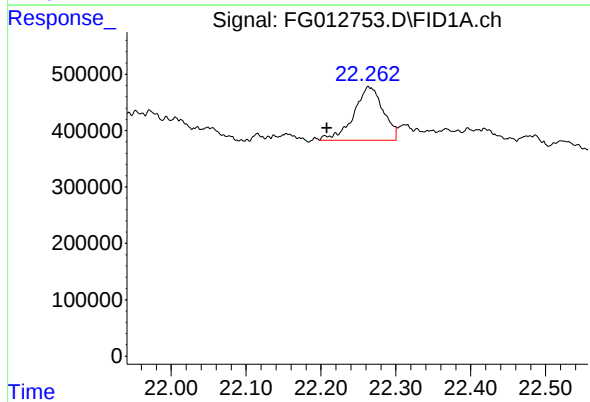
#17 N-OCTATRIACONTANE

R.T.: 21.298 min
Delta R.T.: 0.040 min
Response: 2528454
Conc: 35.01 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.262 min
Delta R.T.: 0.054 min
Response: 2588377
Conc: 37.15 ug/ml m