

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032423\
 Data File : FG011666.D
 Signal(s) : FID1A.ch
 Acq On : 24 Mar 2023 17:08
 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 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 24 18:09:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.054	4768201	47.372 ug/ml
Target Compounds			
1) N-OCTANE	2.059	5098126	43.319 ug/ml
2) N-DECANE	4.579	5430811	44.937 ug/ml
3) N-DODECANE	6.750	5462974	44.769 ug/ml
4) N-TETRADECANE	8.581	5468451	44.938 ug/ml
5) N-HEXADECANE	10.192	5620031	45.576 ug/ml
6) N-OCTADECANE	11.638	5653604	46.289 ug/ml
7) N-EICOSANE	12.951	5631135	46.865 ug/ml
8) N-DOCOSANE	14.153	5436605	47.394 ug/ml
10) N-TETRACOSANE	15.258	5463598	48.367 ug/ml
11) N-HEXACOSANE	16.282	5272413	48.822 ug/ml
12) N-OCTACOSANE	17.234	5181099	49.966 ug/ml
13) N-TRIACONTANE	18.123	5061144	51.071 ug/ml
14) N-DOTRIACONTANE	18.958	4877141	52.587 ug/mlm
15) N-TETRATRIACONTANE	19.742	4592041	54.468 ug/mlm
16) N-HEXATRIACONTANE	20.484	4628479	60.122 ug/mlm
17) N-OCTATRIACONTANE	21.236	4798340	63.732 ug/mlm
18) N-TETRACONTANE	22.176	5126142	69.845 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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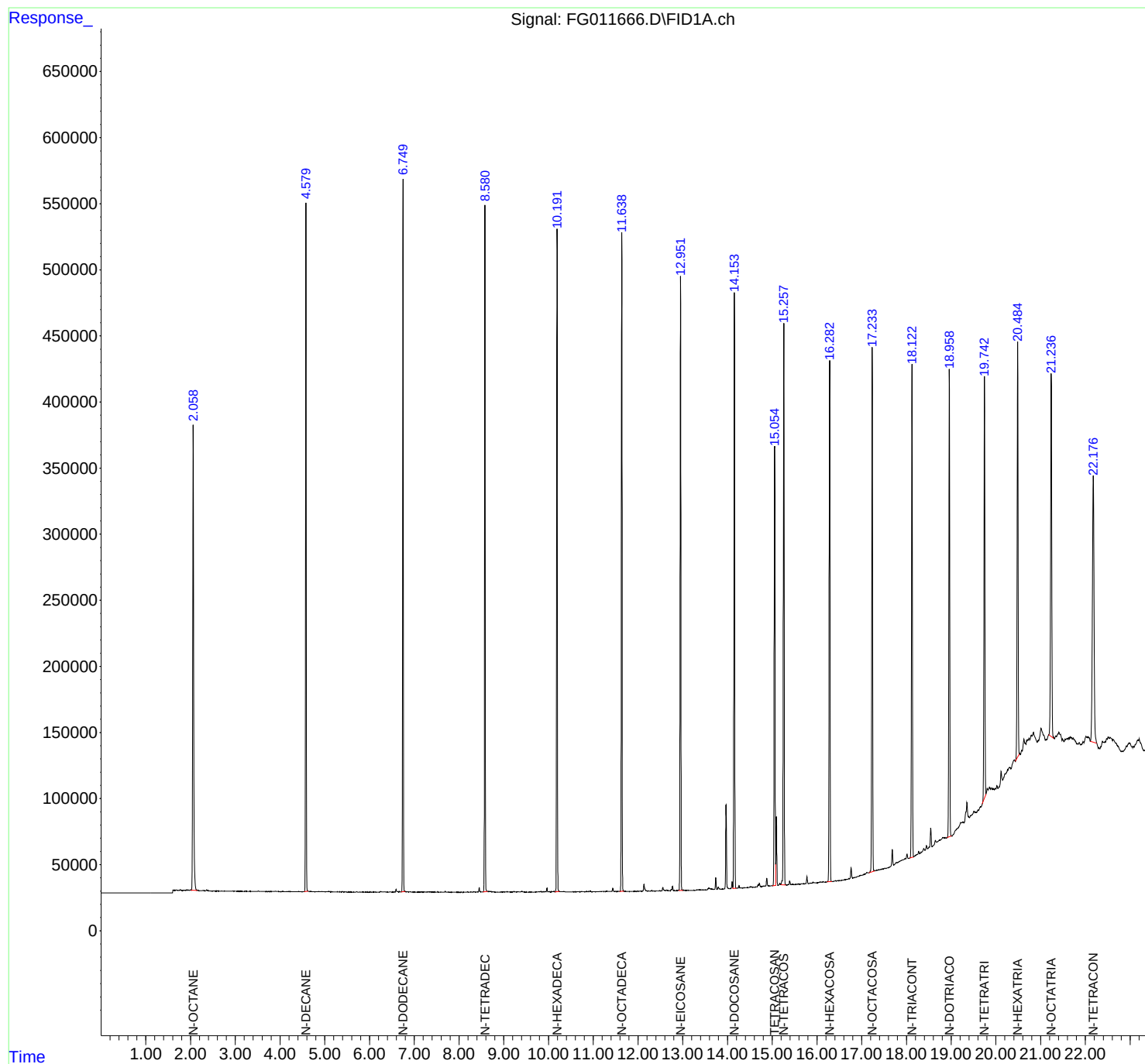
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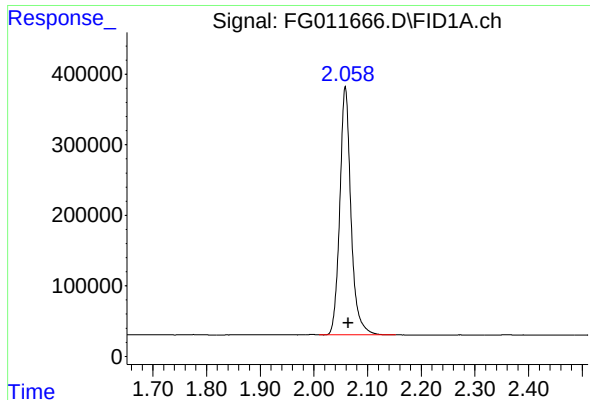
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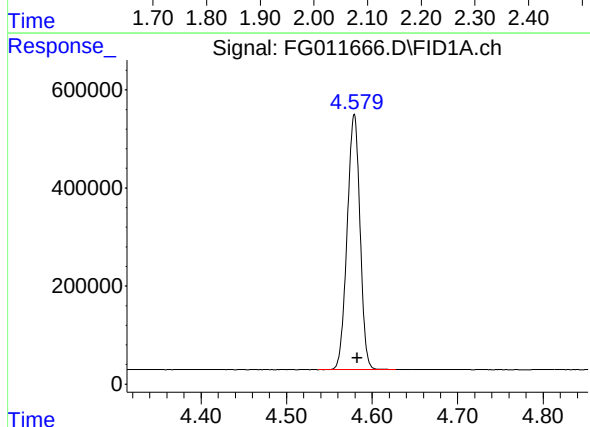
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: -0.005 min
Response: 5098126
Conc: 43.32 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

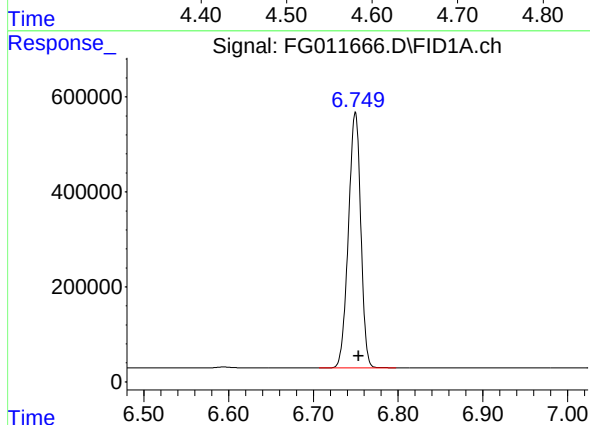
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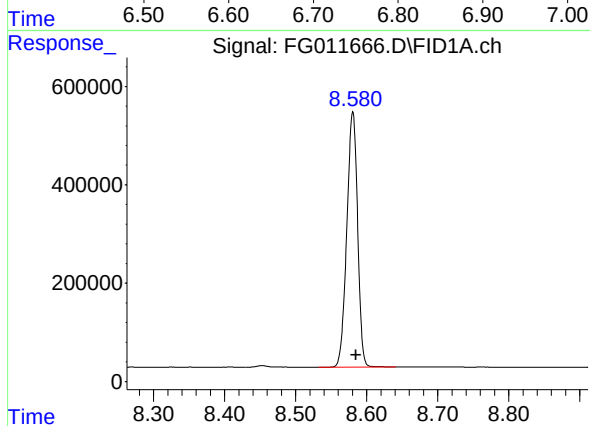
#2 N-DECANE

R.T.: 4.579 min
Delta R.T.: -0.004 min
Response: 5430811
Conc: 44.94 ug/ml



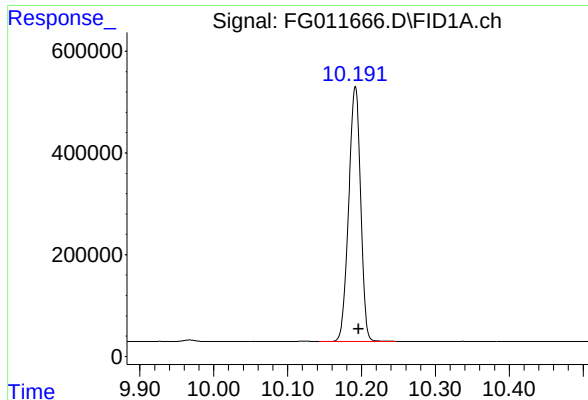
#3 N-DODECANE

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 5462974
Conc: 44.77 ug/ml



#4 N-TETRADECANE

R.T.: 8.581 min
Delta R.T.: -0.004 min
Response: 5468451
Conc: 44.94 ug/ml



#5 N-HEXADECANE

R.T.: 10.192 min
Delta R.T.: -0.005 min
Response: 5620031
Conc: 45.58 ug/ml

Instrument :

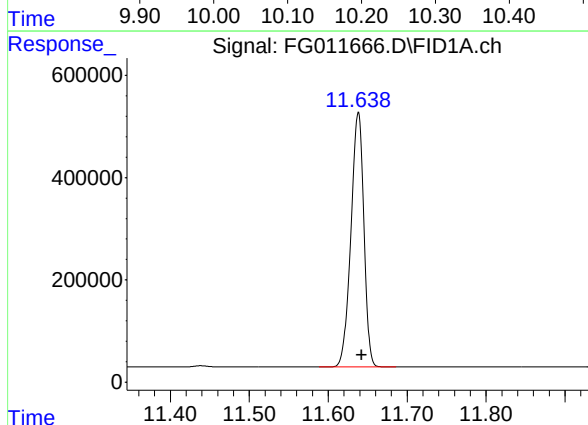
FID_G

ClientSampleId :

50 PPM TRPH STD

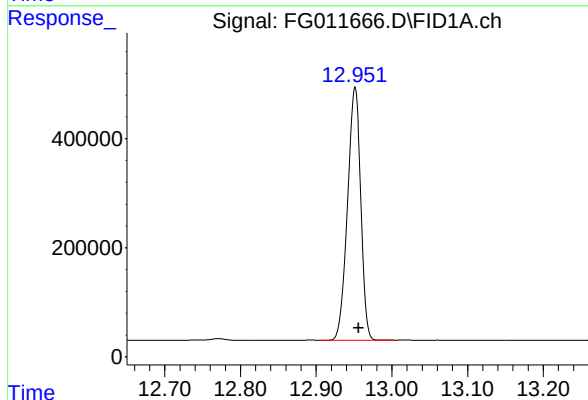
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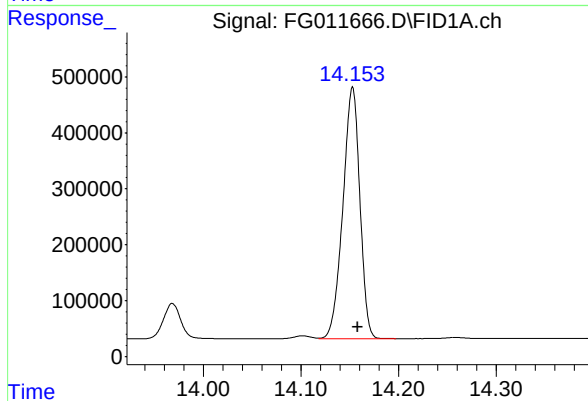
#6 N-OCTADECANE

R.T.: 11.638 min
Delta R.T.: -0.004 min
Response: 5653604
Conc: 46.29 ug/ml



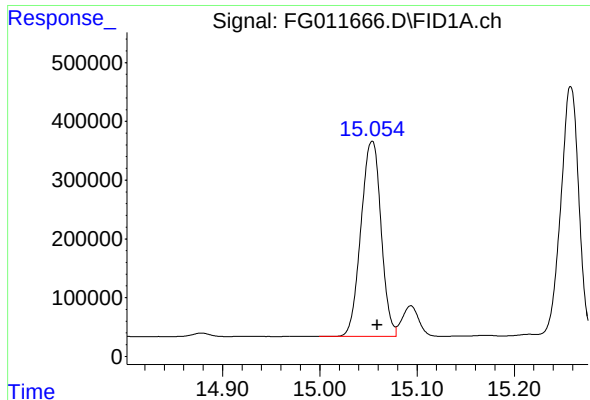
#7 N-EICOSANE

R.T.: 12.951 min
Delta R.T.: -0.005 min
Response: 5631135
Conc: 46.86 ug/ml



#8 N-DOCOSANE

R.T.: 14.153 min
Delta R.T.: -0.005 min
Response: 5436605
Conc: 47.39 ug/ml



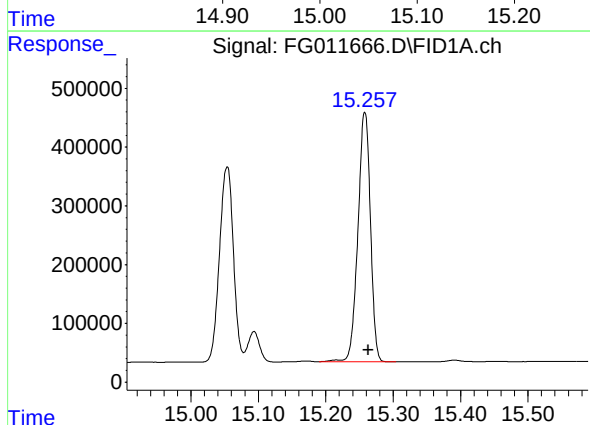
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.054 min
Delta R.T.: -0.005 min
Response: 4768201
Conc: 47.37 ug/ml

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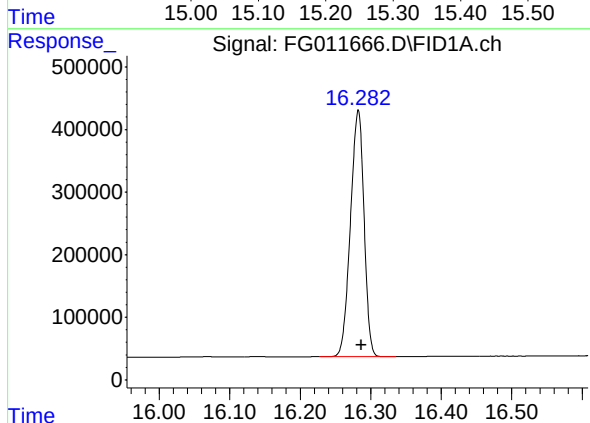
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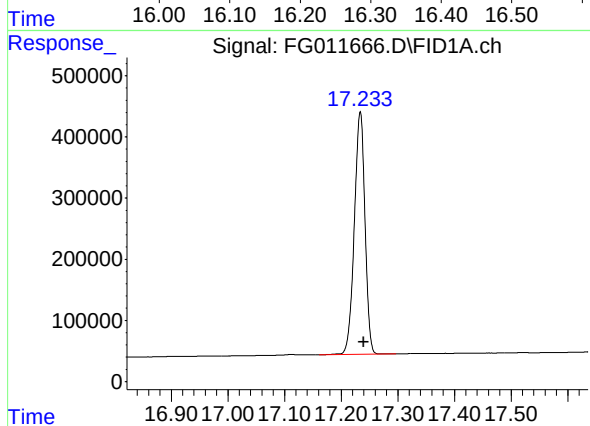
#10 N-TETRACOSANE

R.T.: 15.258 min
Delta R.T.: -0.005 min
Response: 5463598
Conc: 48.37 ug/ml



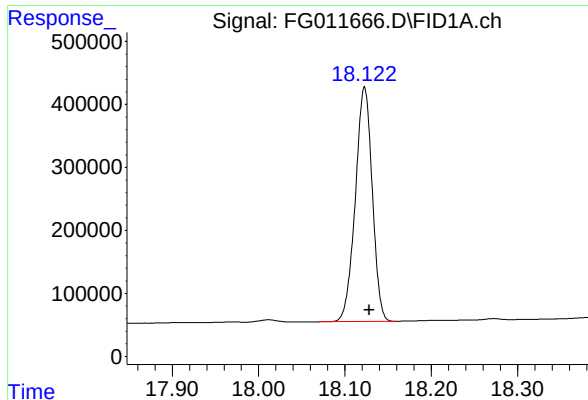
#11 N-HEXACOSANE

R.T.: 16.282 min
Delta R.T.: -0.004 min
Response: 5272413
Conc: 48.82 ug/ml



#12 N-OCTACOSANE

R.T.: 17.234 min
Delta R.T.: -0.006 min
Response: 5181099
Conc: 49.97 ug/ml



#13 N-TRIACONTANE

R.T.: 18.123 min
Delta R.T.: -0.005 min
Response: 5061144
Conc: 51.07 ug/ml

Instrument :

FID_G

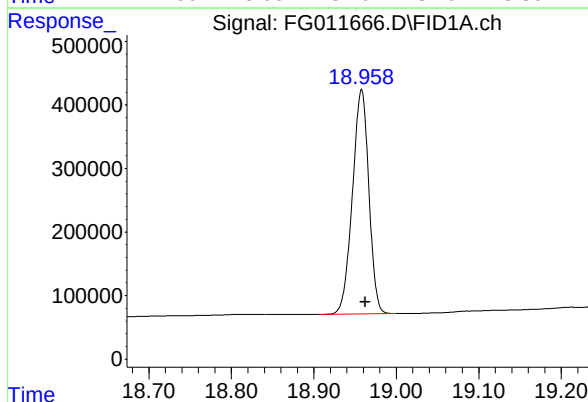
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

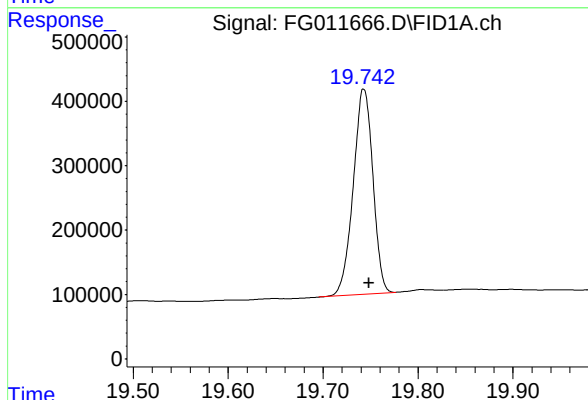
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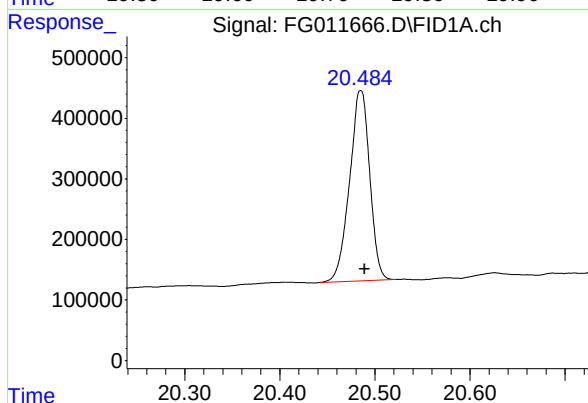
#14 N-DOTRIACONTANE

R.T.: 18.958 min
Delta R.T.: -0.005 min
Response: 4877141
Conc: 52.59 ug/ml m



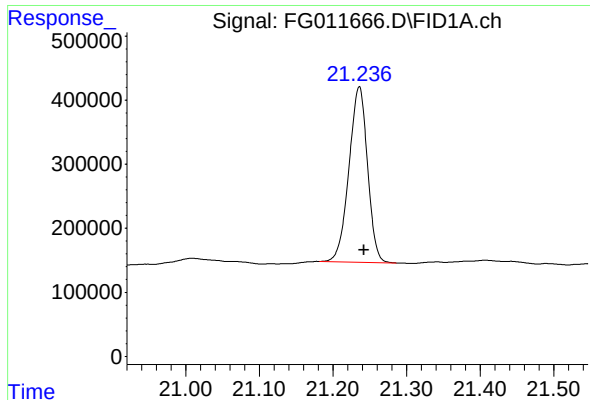
#15 N-TETRATRIACONTANE

R.T.: 19.742 min
Delta R.T.: -0.007 min
Response: 4592041
Conc: 54.47 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.484 min
Delta R.T.: -0.005 min
Response: 4628479
Conc: 60.12 ug/ml m



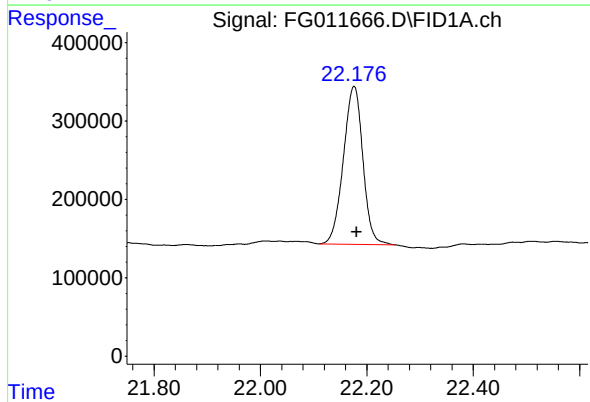
#17 N-OCTATRIACONTANE

R.T.: 21.236 min
Delta R.T.: -0.006 min
Response: 4798340
Conc: 63.73 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.176 min
Delta R.T.: -0.005 min
Response: 5126142
Conc: 69.84 ug/ml m