

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082123\
 Data File : FG012756.D
 Signal(s) : FID1A.ch
 Acq On : 21 Aug 2023 21:10
 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 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 23:55:11 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...	15.097	5031526	44.978 ug/ml
Target Compounds			
1) N-OCTANE	2.083	6007910	48.797 ug/ml
2) N-DECANE	4.607	6255042	49.238 ug/ml
3) N-DODECANE	6.782	6301879	49.062 ug/ml
4) N-TETRADECANE	8.616	6260408	48.598 ug/ml
5) N-HEXADECANE	10.230	6223279	47.971 ug/ml
6) N-OCTADECANE	11.678	6190371	47.198 ug/ml
7) N-EICOSANE	12.993	5986970	46.548 ug/ml
8) N-DOCOSANE	14.195	5773946	45.653 ug/ml
10) N-TETRACOSANE	15.302	5649832	44.674 ug/ml
11) N-HEXACOSANE	16.325	5504216	43.972 ug/ml
12) N-OCTACOSANE	17.277	5383086	43.799 ug/ml
13) N-TRIACONTANE	18.166	5140503	43.405 ug/mlm
14) N-DOTRIACONTANE	19.001	4733374	42.148 ug/mlm
15) N-TETRATRIACONTANE	19.785	4189024	44.224 ug/mlm
16) N-HEXATRIACONTANE	20.526	3835126	47.260 ug/mlm
17) N-OCTATRIACONTANE	21.287	3800833	52.633 ug/mlm
18) N-TETRACONTANE	22.245	3632912	52.139 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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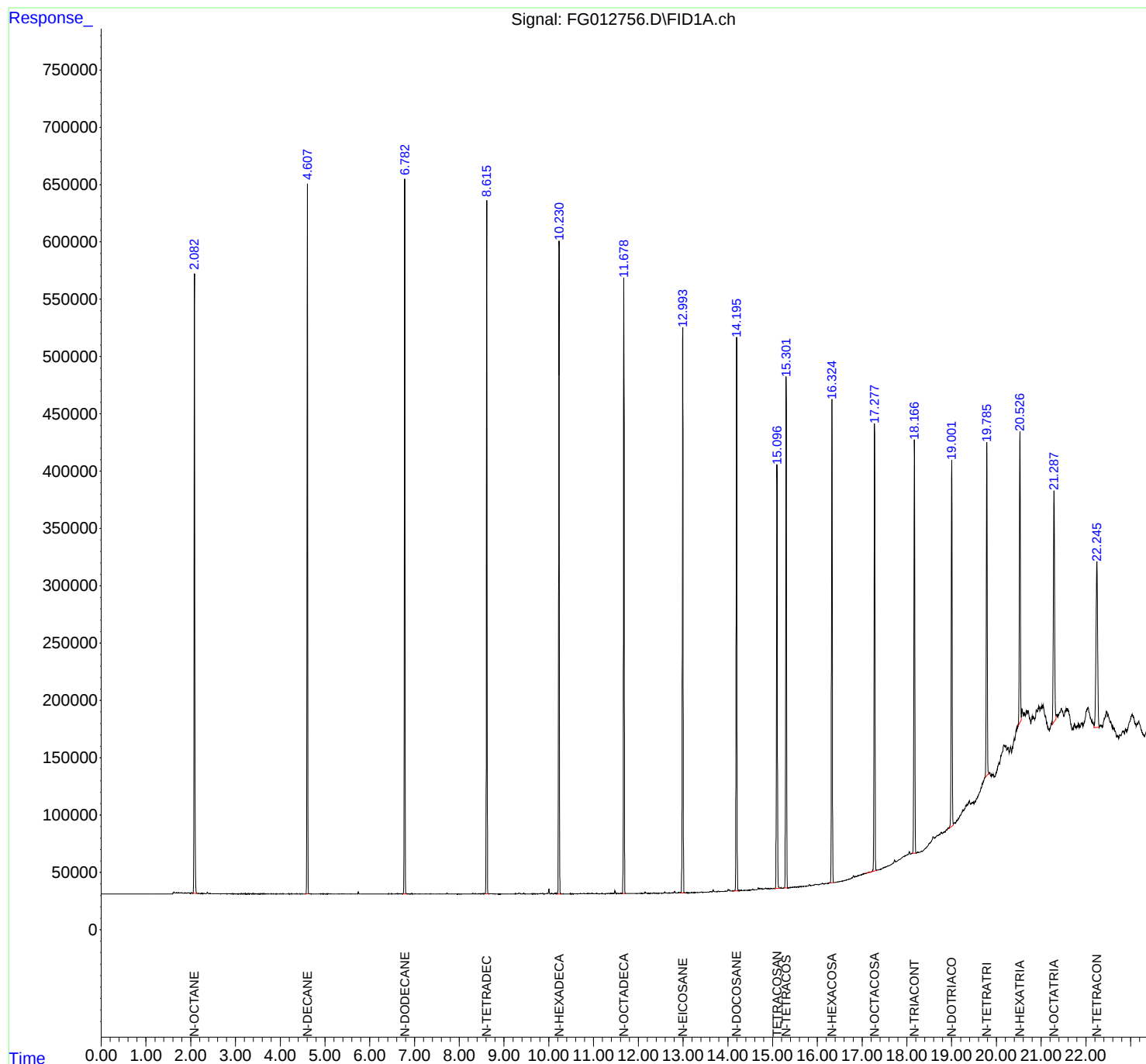
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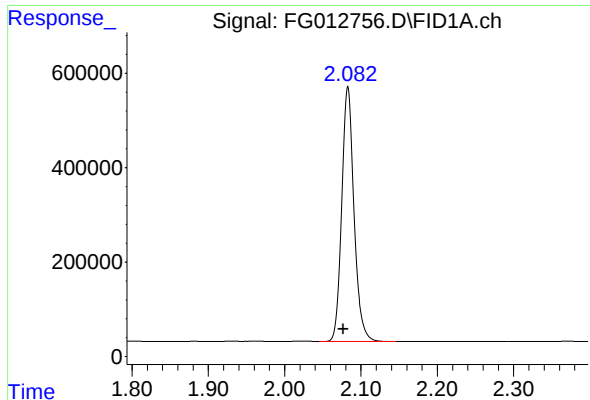
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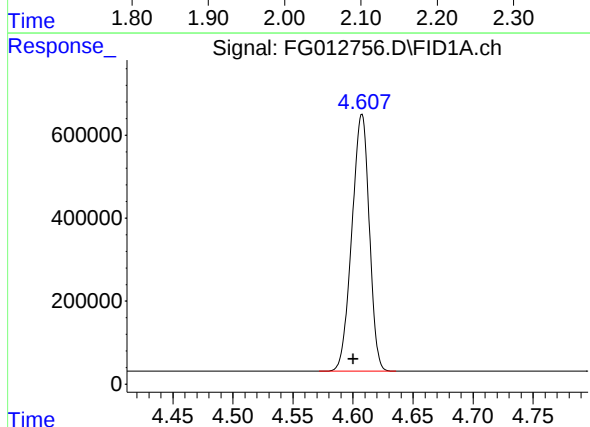
#1 N-OCTANE

R.T.: 2.083 min
Delta R.T.: 0.006 min
Response: 6007910
Conc: 48.80 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

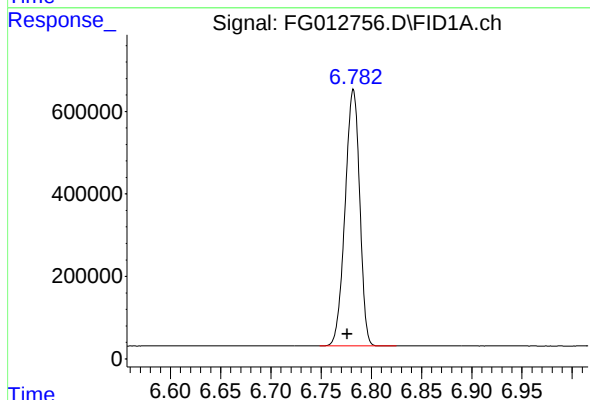
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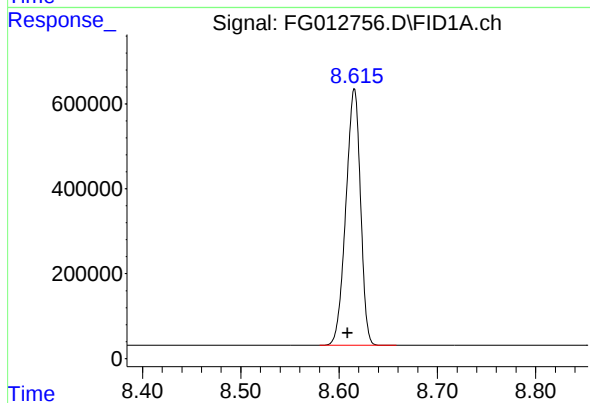
#2 N-DECANE

R.T.: 4.607 min
Delta R.T.: 0.007 min
Response: 6255042
Conc: 49.24 ug/ml



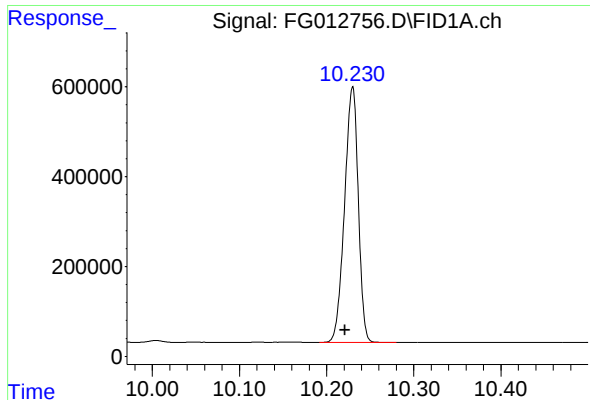
#3 N-DODECANE

R.T.: 6.782 min
Delta R.T.: 0.006 min
Response: 6301879
Conc: 49.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.616 min
Delta R.T.: 0.007 min
Response: 6260408
Conc: 48.60 ug/ml



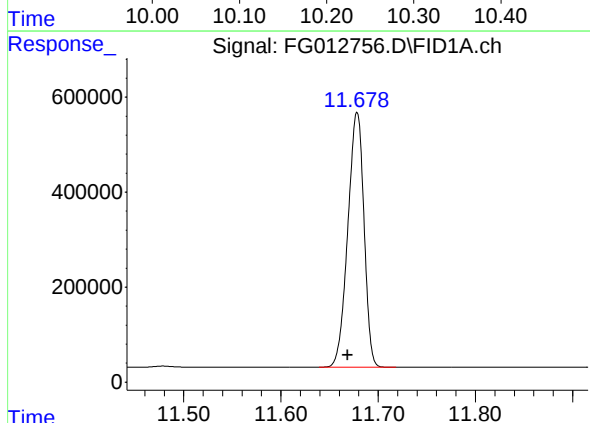
#5 N-HEXADECANE

R.T.: 10.230 min
Delta R.T.: 0.009 min
Response: 6223279
Conc: 47.97 ug/ml

Instrument :
FID_G
ClientSampleId :
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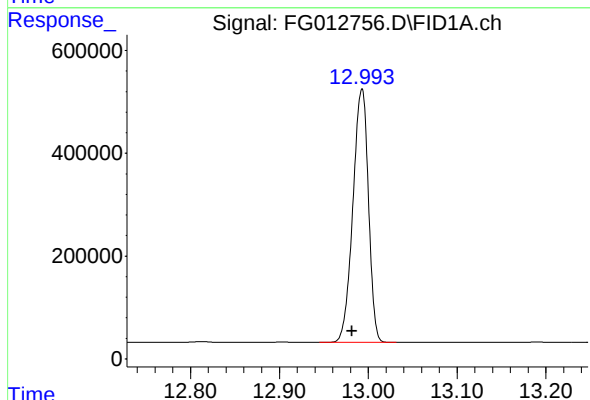
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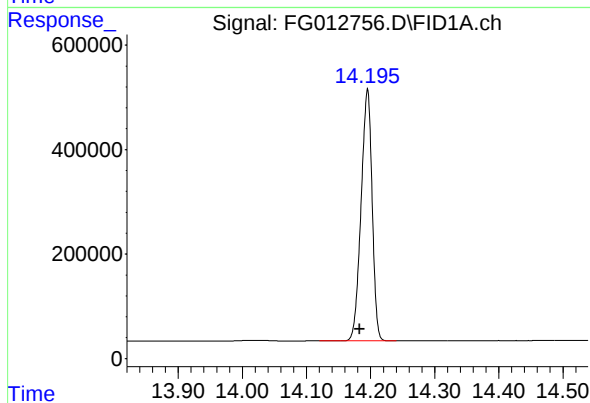
#6 N-OCTADECANE

R.T.: 11.678 min
Delta R.T.: 0.010 min
Response: 6190371
Conc: 47.20 ug/ml



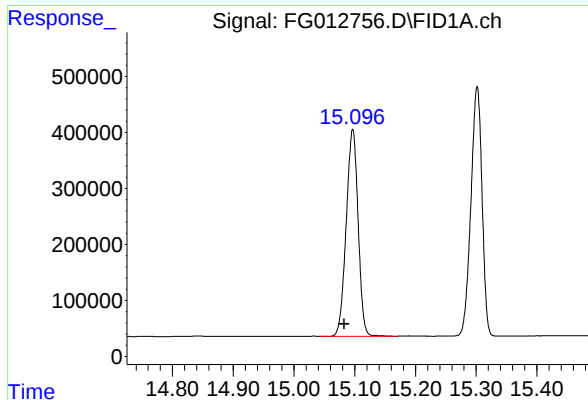
#7 N-EICOSANE

R.T.: 12.993 min
Delta R.T.: 0.011 min
Response: 5986970
Conc: 46.55 ug/ml



#8 N-DOCOSANE

R.T.: 14.195 min
Delta R.T.: 0.012 min
Response: 5773946
Conc: 45.65 ug/ml



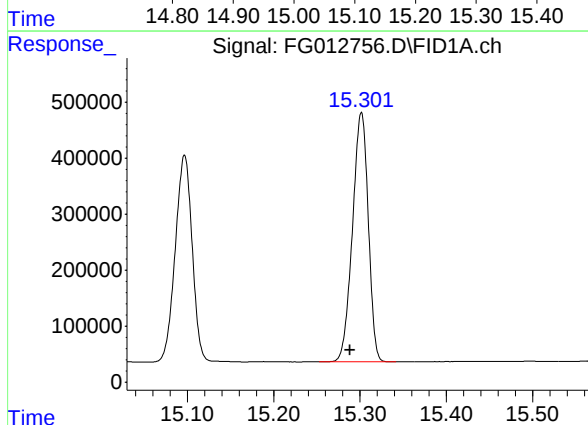
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.097 min
Delta R.T.: 0.014 min
Response: 5031526
Conc: 44.98 ug/ml

Instrument :
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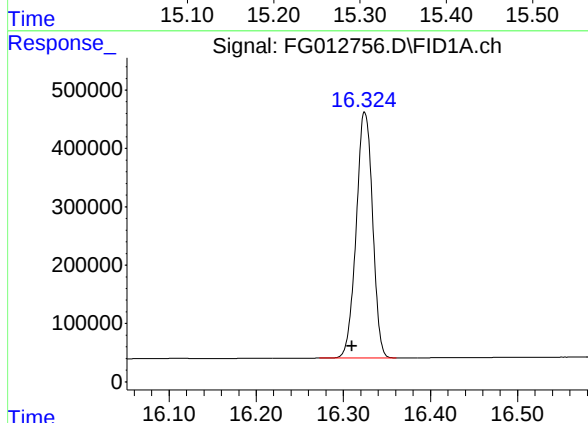
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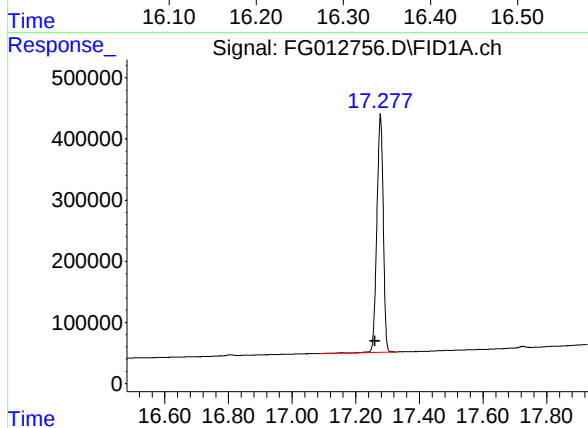
#10 N-TETRACOSANE

R.T.: 15.302 min
Delta R.T.: 0.013 min
Response: 5649832
Conc: 44.67 ug/ml



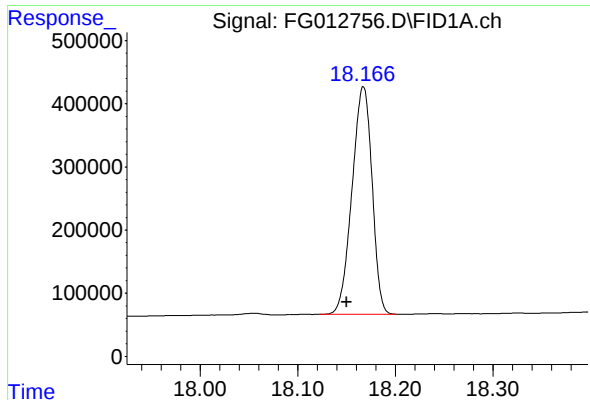
#11 N-HEXACOSANE

R.T.: 16.325 min
Delta R.T.: 0.014 min
Response: 5504216
Conc: 43.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.277 min
Delta R.T.: 0.016 min
Response: 5383086
Conc: 43.80 ug/ml



#13 N-TRIACONTANE

R.T.: 18.166 min
Delta R.T.: 0.016 min
Response: 5140503
Conc: 43.40 ug/ml

Instrument :

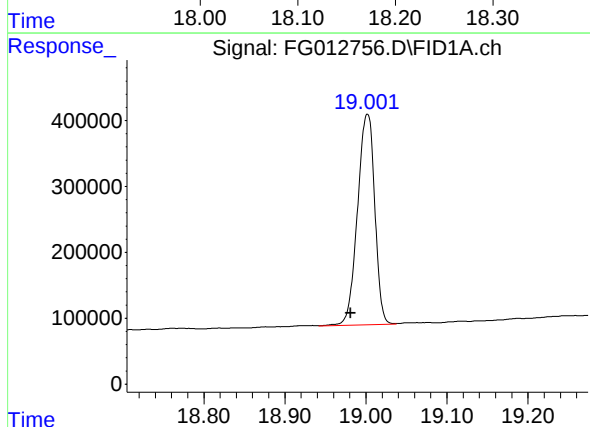
FID_G

ClientSampleId :

50 PPM TRPH STD

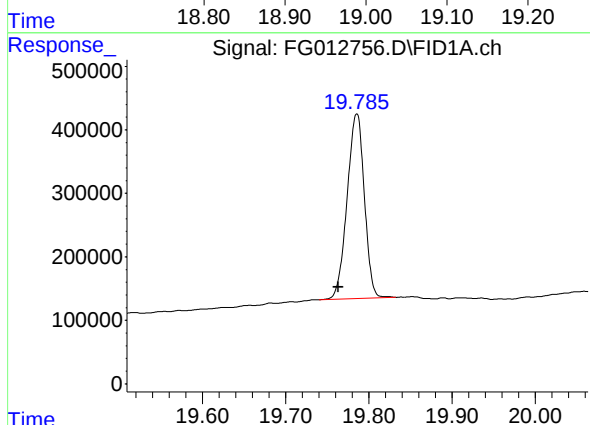
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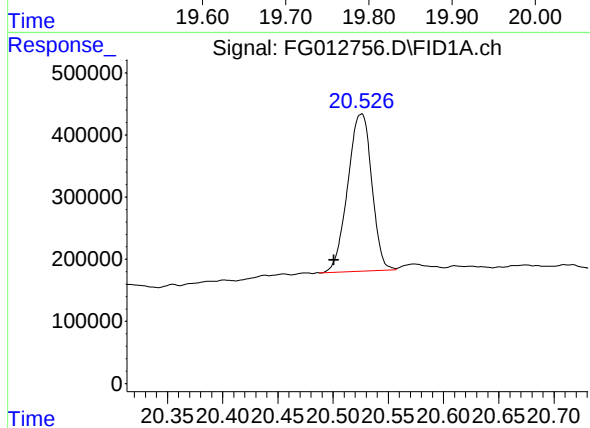
#14 N-DOTRIACONTANE

R.T.: 19.001 min
Delta R.T.: 0.020 min
Response: 4733374
Conc: 42.15 ug/ml m



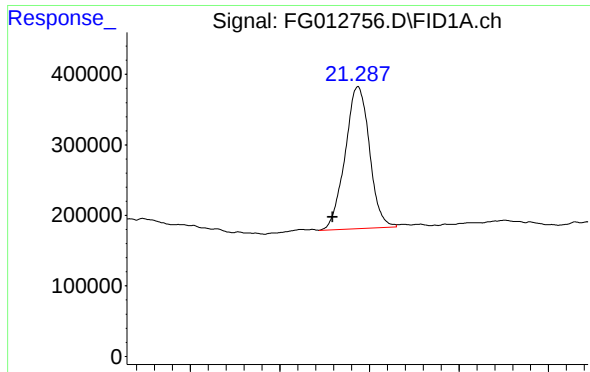
#15 N-TETRATRIACONTANE

R.T.: 19.785 min
Delta R.T.: 0.022 min
Response: 4189024
Conc: 44.22 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.526 min
Delta R.T.: 0.025 min
Response: 3835126
Conc: 47.26 ug/ml m



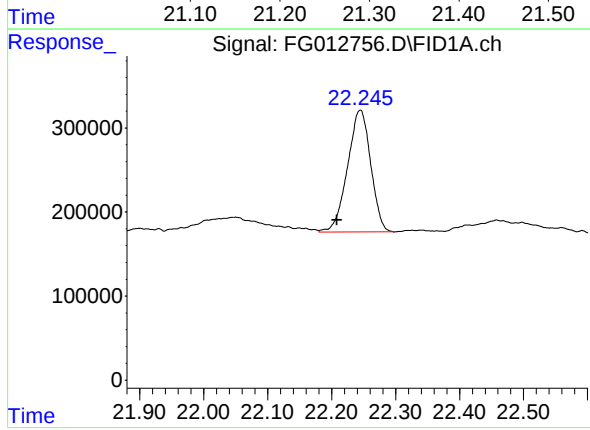
#17 N-OCTATRIACONTANE

R.T.: 21.287 min
Delta R.T.: 0.028 min
Response: 3800833
Conc: 52.63 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.245 min
Delta R.T.: 0.037 min
Response: 3632912
Conc: 52.14 ug/ml