

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032924\
 Data File : FG013663.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2024 11:47
 Operator : YP\AJ
 Sample : P1883-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 DOMINICK-STREETMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/01/2024
 Supervised By :Ankita Jodhani 04/01/2024

Integration File: autoint1.e
 Quant Time: Mar 30 00:59:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031524.M
 Quant Title :
 QLast Update : Fri Mar 15 13:14:30 2024
 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...	15.072	1310545	11.266 ug/ml
Target Compounds			
1) N-OCTANE	2.055	1423005	11.465 ug/ml
2) N-DECANE	4.581	1966104	15.270 ug/ml
3) N-DODECANE	6.753	2124681	15.902 ug/ml
4) N-TETRADECANE	8.586	2163342	16.637 ug/ml
5) N-HEXADECANE	10.200	2226044	16.904 ug/ml
6) N-OCTADECANE	11.648	2223825	16.450 ug/mlm
7) N-EICOSANE	12.964	2337239	17.807 ug/ml
8) N-DOCOSANE	14.169	2402415	18.671 ug/ml
10) N-TETRACOSANE	15.277	2808074	22.071 ug/ml
11) N-HEXACOSANE	16.304	2159127	17.420 ug/ml
12) N-OCTACOSANE	17.260	2342405	19.189 ug/ml
13) N-TRIACONTANE	18.152	2882804	23.773 ug/ml
14) N-DOTRIACONTANE	18.988	2314624	19.938 ug/ml
15) N-TETRATRIACONTANE	19.776	2765403	29.360 ug/ml
16) N-HEXATRIACONTANE	20.519	3271210	45.075 ug/ml
17) N-OCTATRIACONTANE	21.280	2808786	43.166 ug/ml
18) N-TETRACONTANE	22.227	3028527	47.803 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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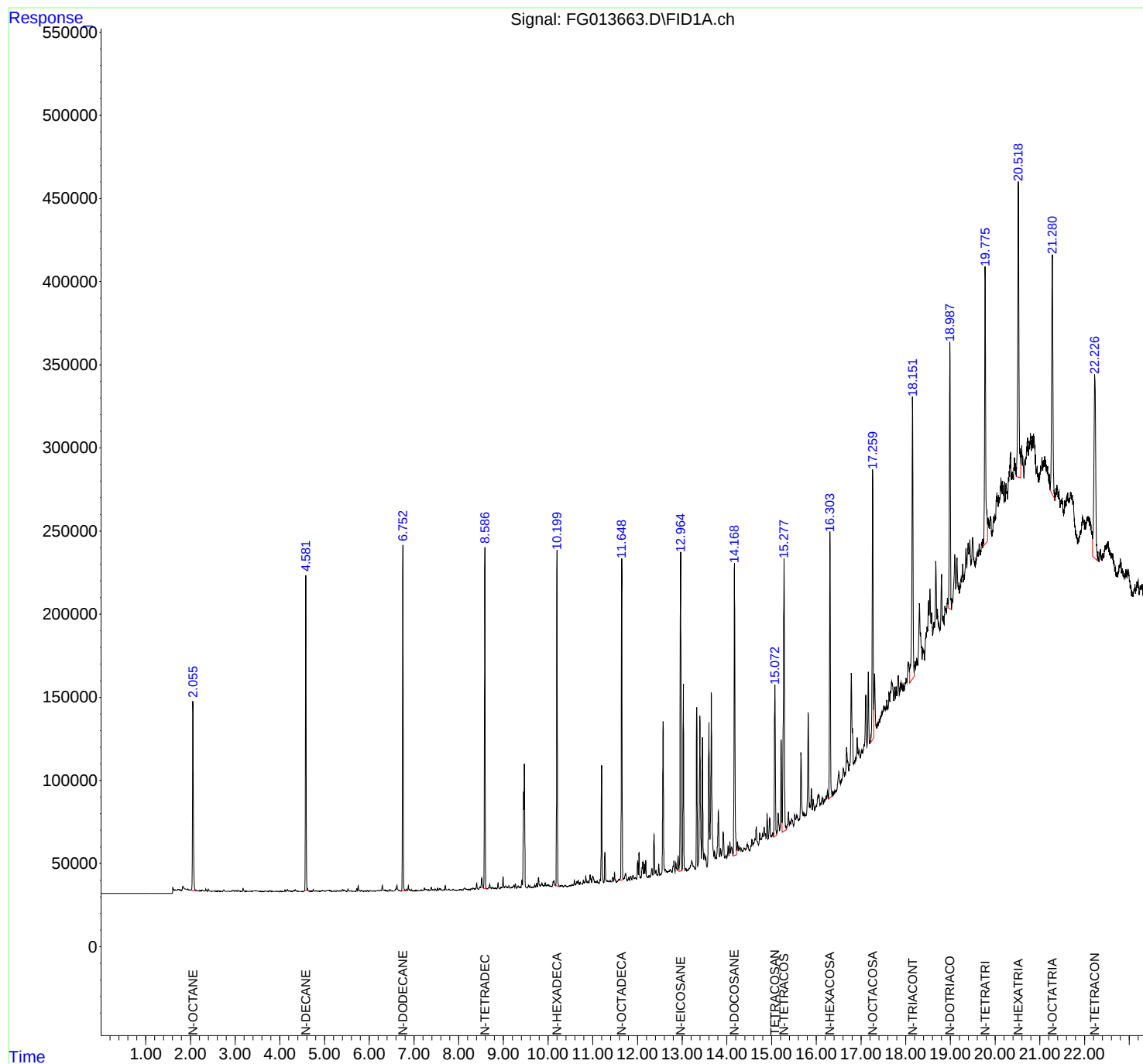
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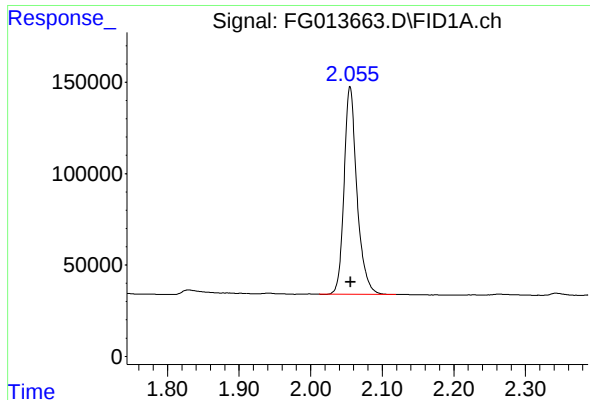
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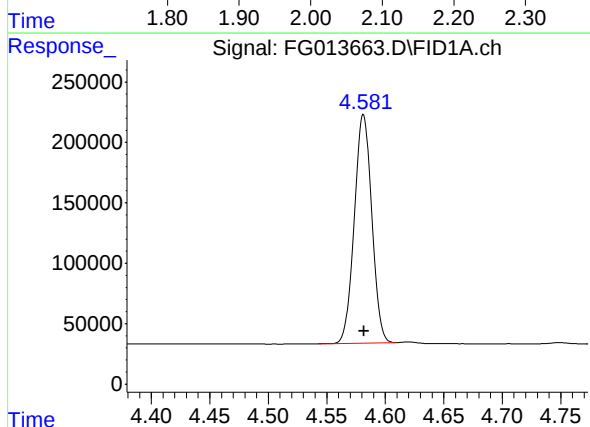
#1 N-OCTANE

R.T.: 2.055 min
Delta R.T.: 0.000 min
Response: 1423005
Conc: 11.47 ug/ml

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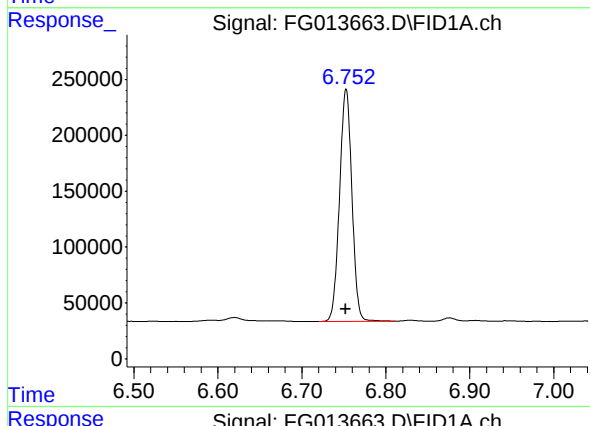
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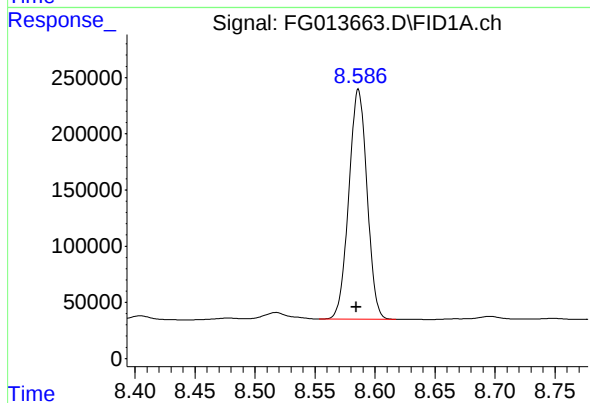
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 1966104
Conc: 15.27 ug/ml



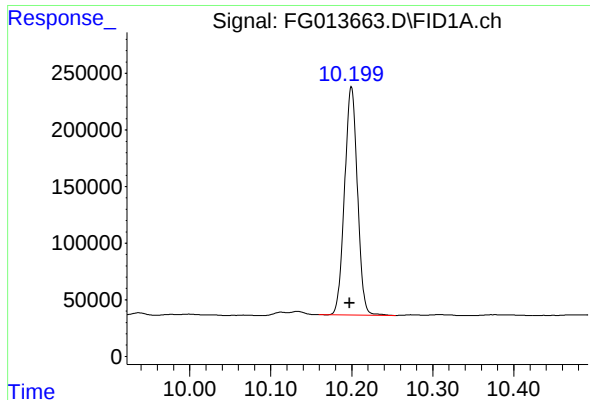
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 2124681
Conc: 15.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 2163342
Conc: 16.64 ug/ml



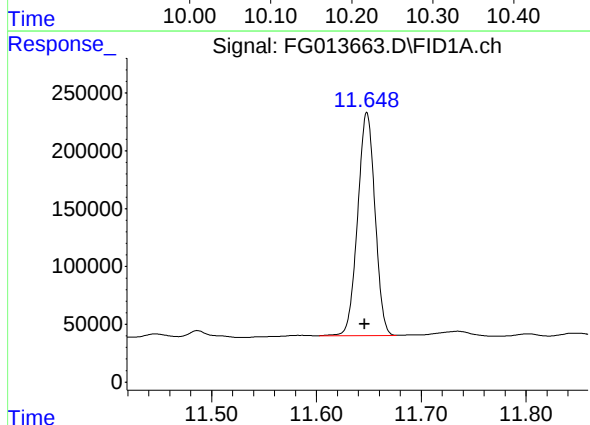
#5 N-HEXADECANE

R.T.: 10.200 min
Delta R.T.: 0.002 min
Response: 2226044
Conc: 16.90 ug/ml

Instrument :
FID_G
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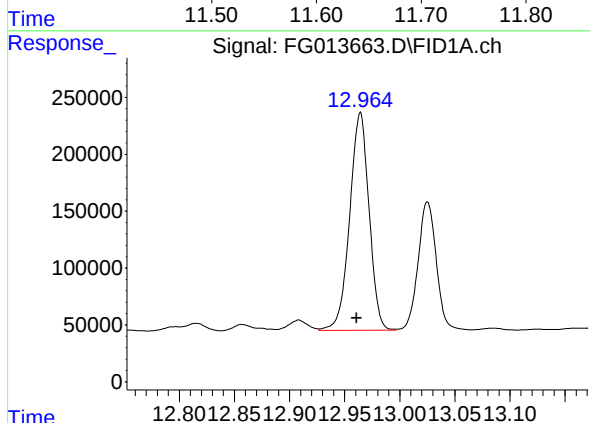
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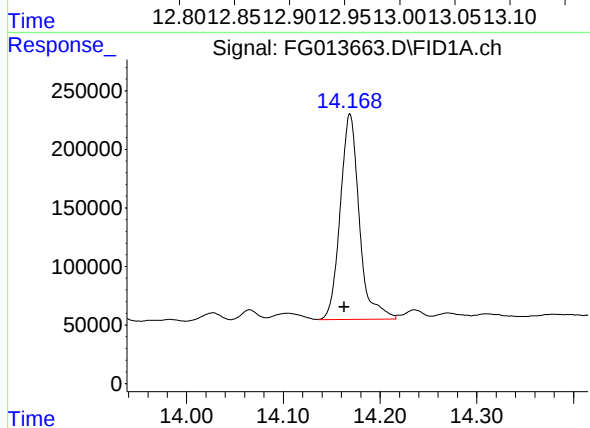
#6 N-OCTADECANE

R.T.: 11.648 min
Delta R.T.: 0.002 min
Response: 2223825
Conc: 16.45 ug/ml m



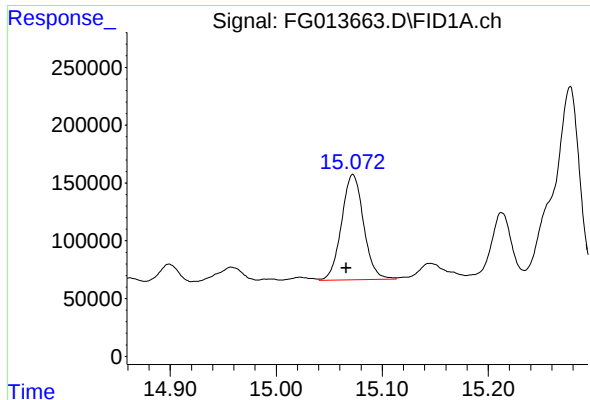
#7 N-EICOSANE

R.T.: 12.964 min
Delta R.T.: 0.004 min
Response: 2337239
Conc: 17.81 ug/ml



#8 N-DOCOSANE

R.T.: 14.169 min
Delta R.T.: 0.006 min
Response: 2402415
Conc: 18.67 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.072 min
Delta R.T.: 0.006 min
Response: 1310545
Conc: 11.27 ug/ml

Instrument :

FID_G

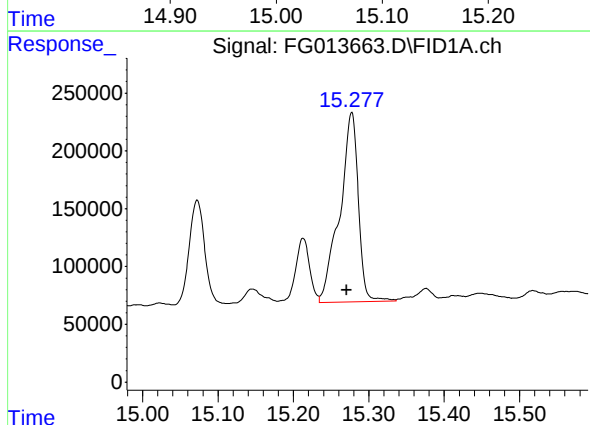
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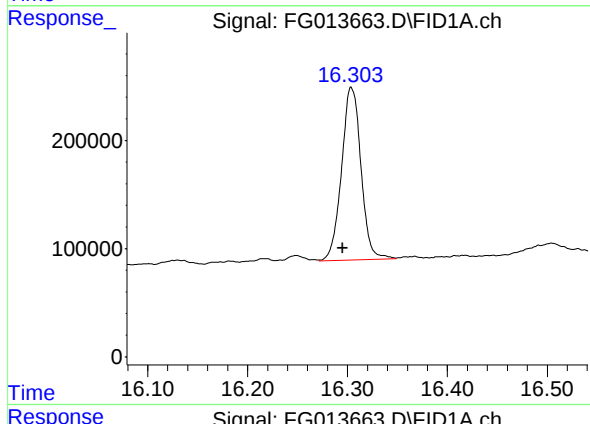
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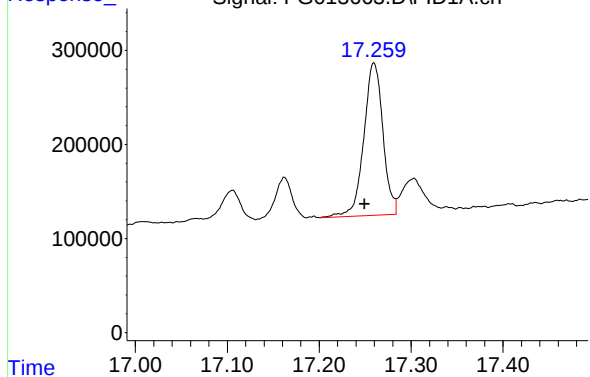
#10 N-TETRACOSANE

R.T.: 15.277 min
Delta R.T.: 0.007 min
Response: 2808074
Conc: 22.07 ug/ml



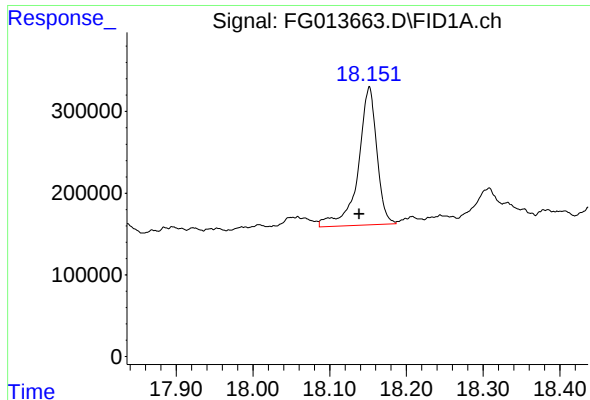
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: 0.009 min
Response: 2159127
Conc: 17.42 ug/ml



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.010 min
Response: 2342405
Conc: 19.19 ug/ml



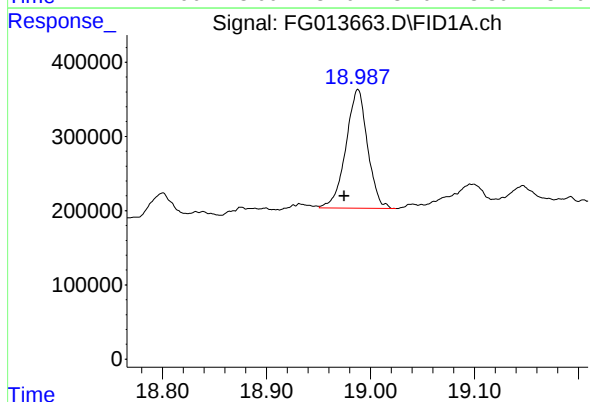
#13 N-TRIACONTANE

R.T.: 18.152 min
Delta R.T.: 0.013 min
Response: 2882804
Conc: 23.77 ug/ml

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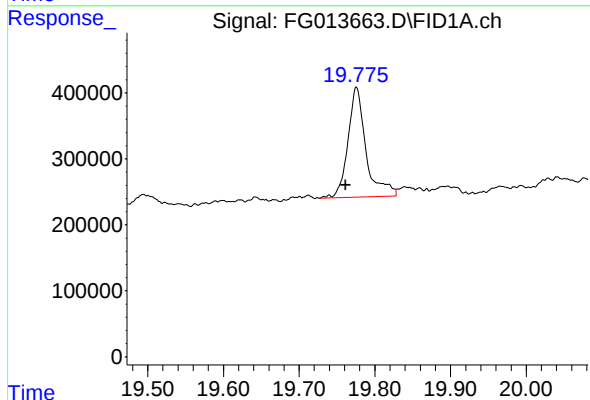
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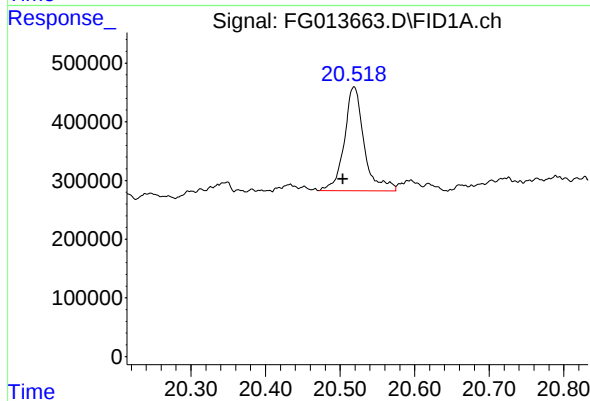
#14 N-DOTRIACONTANE

R.T.: 18.988 min
Delta R.T.: 0.013 min
Response: 2314624
Conc: 19.94 ug/ml



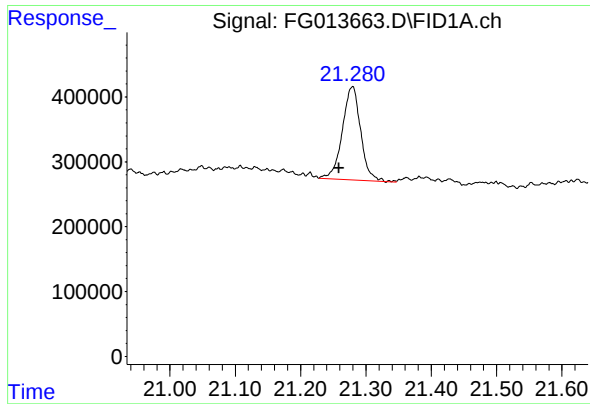
#15 N-TETRATRIACONTANE

R.T.: 19.776 min
Delta R.T.: 0.014 min
Response: 2765403
Conc: 29.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.519 min
Delta R.T.: 0.015 min
Response: 3271210
Conc: 45.07 ug/ml



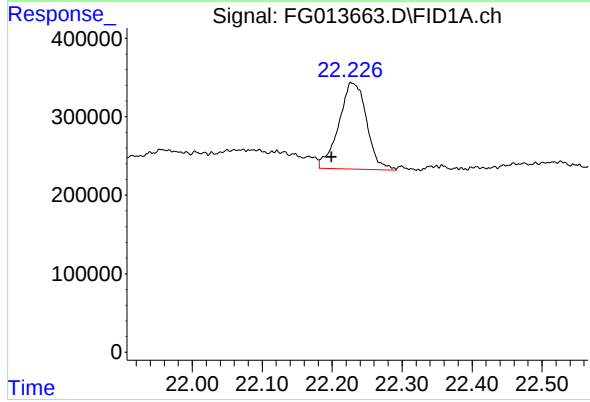
#17 N-OCTATRIACONTANE

R.T.: 21.280 min
Delta R.T.: 0.021 min
Response: 2808786
Conc: 43.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.227 min
Delta R.T.: 0.028 min
Response: 3028527
Conc: 47.80 ug/ml