

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090922\
 Data File : FG010551.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 17:00
 Operator : YP\AJ
 Sample : PB147555BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB147555BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2022
 Supervised By :Ankita Jodhani 09/13/2022

Integration File: autoint1.e
 Quant Time: Sep 12 00:29:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 2022
 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...	14.784	2184161	17.847 ug/ml
Target Compounds			
1) N-OCTANE	1.810	2184831	17.361 ug/ml
2) N-DECANE	4.311	2532243	19.756 ug/ml
3) N-DODECANE	6.492	2601170	19.764 ug/ml
4) N-TETRADECANE	8.322	2635649	19.473 ug/ml
5) N-HEXADECANE	9.929	2466546	17.603 ug/ml
6) N-OCTADECANE	11.373	2678368	18.759 ug/ml
7) N-EICOSANE	12.684	2640044	18.490 ug/ml
8) N-DOCOSANE	13.884	2566216	18.415 ug/ml
10) N-TETRACOSANE	14.987	2531815	18.272 ug/ml
11) N-HEXACOSANE	16.010	2443062	18.009 ug/ml
12) N-OCTACOSANE	16.960	2395877	18.117 ug/ml
13) N-TRIACONTANE	17.849	2418275	18.663 ug/ml
14) N-DOTRIACONTANE	18.683	2205718	17.252 ug/ml
15) N-TETRATRIACONTANE	19.465	2076388	16.784 ug/mlm
16) N-HEXATRIACONTANE	20.208	1887904	16.266 ug/ml
17) N-OCTATRIACONTANE	20.919	1866312	16.249 ug/ml
18) N-TETRACONTANE	21.757	2010818	17.055 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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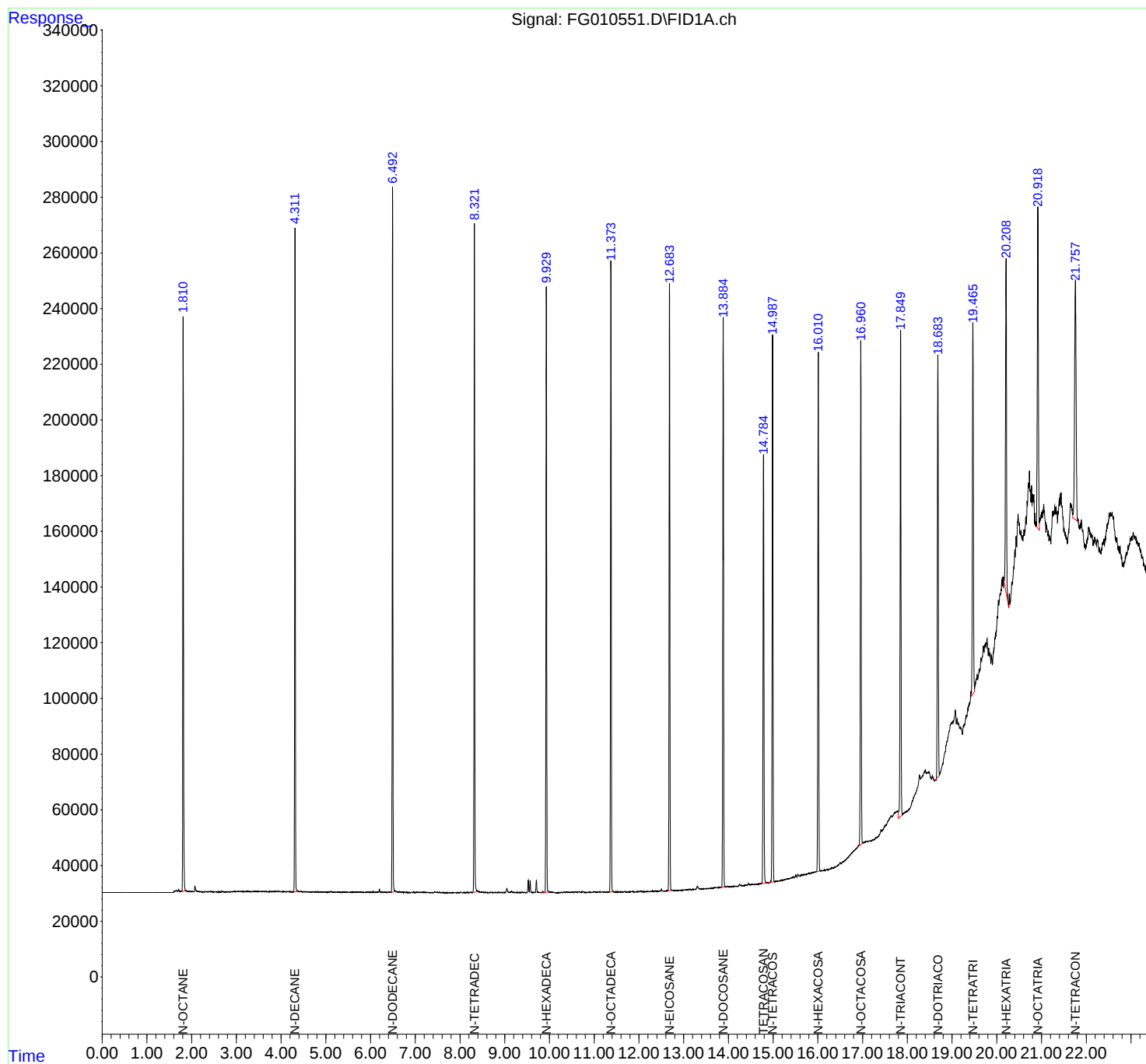
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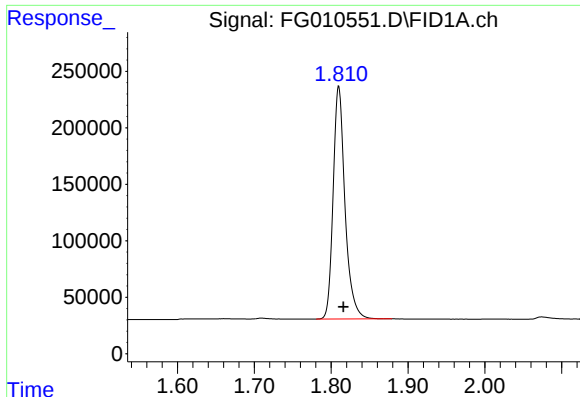
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.810 min
Delta R.T.: -0.006 min
Response: 2184831
Conc: 17.36 ug/ml

Instrument :

FID_G

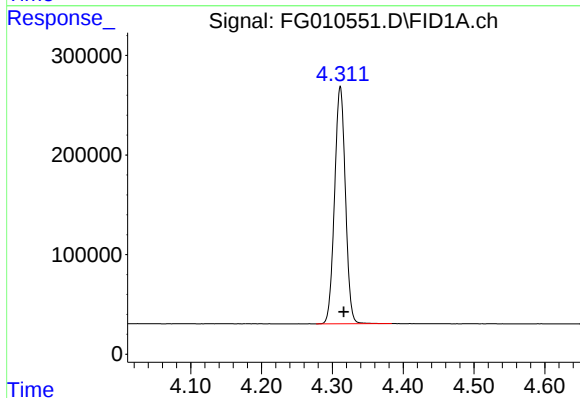
ClientSampleId :

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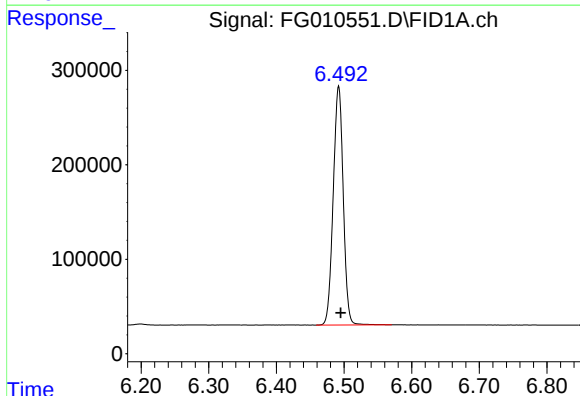
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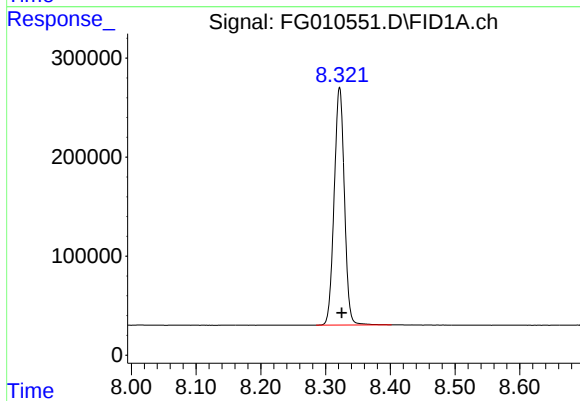
#2 N-DECANE

R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 2532243
Conc: 19.76 ug/ml



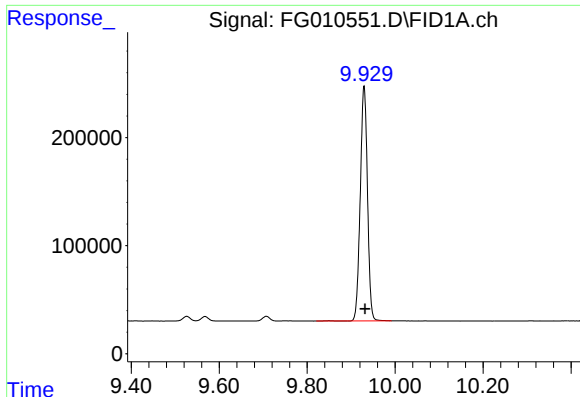
#3 N-DODECANE

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 2601170
Conc: 19.76 ug/ml



#4 N-TETRADECANE

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 2635649
Conc: 19.47 ug/ml



#5 N-HEXADECANE

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 2466546
Conc: 17.60 ug/ml

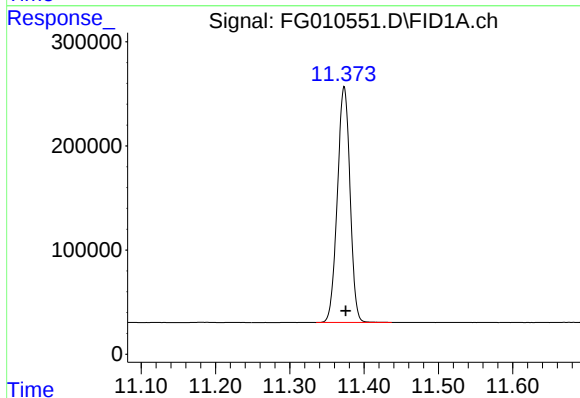
Instrument :

FID_G

ClientSampleId :
PB147555BS

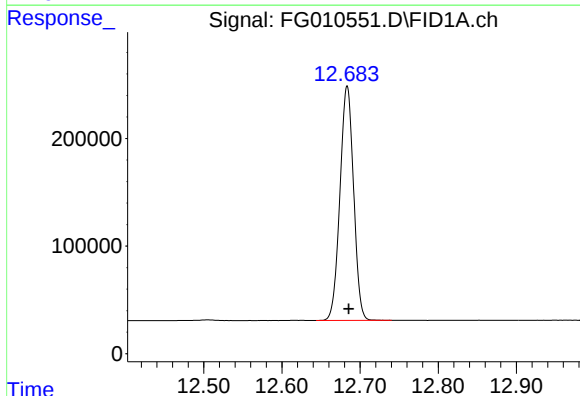
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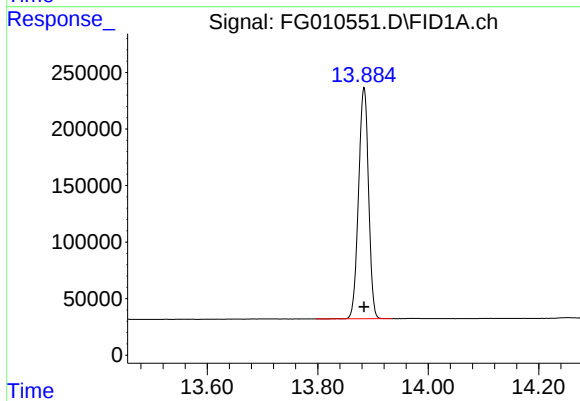
#6 N-OCTADECANE

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 2678368
Conc: 18.76 ug/ml



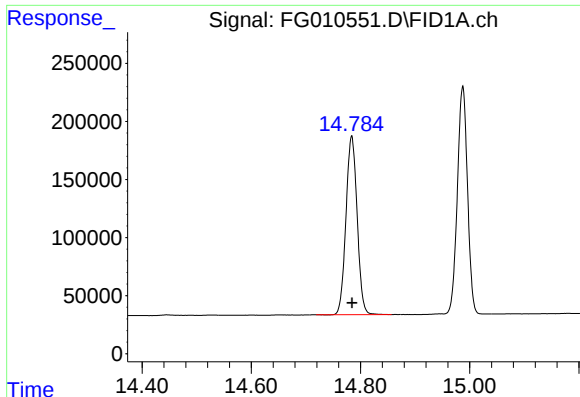
#7 N-EICOSANE

R.T.: 12.684 min
Delta R.T.: -0.002 min
Response: 2640044
Conc: 18.49 ug/ml



#8 N-DOCOSANE

R.T.: 13.884 min
Delta R.T.: 0.000 min
Response: 2566216
Conc: 18.42 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 2184161
Conc: 17.85 ug/ml

Instrument :

FID_G

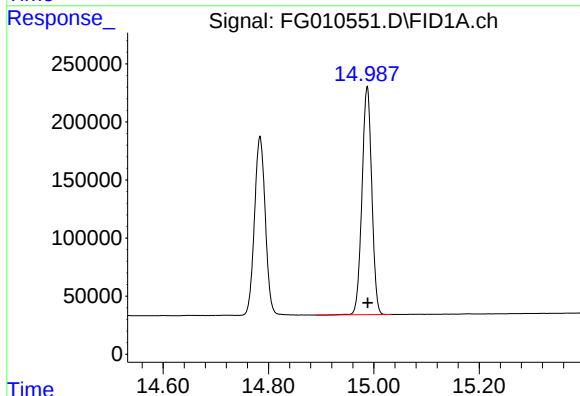
ClientSampleId :

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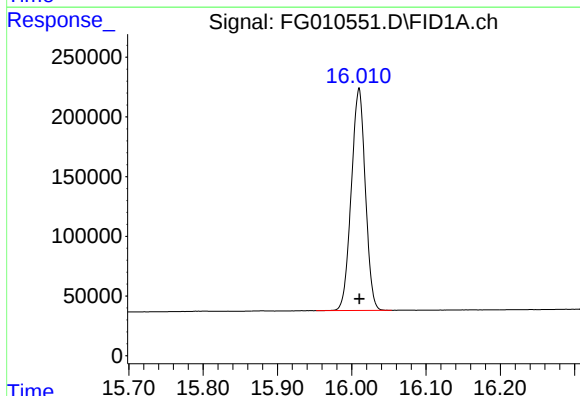
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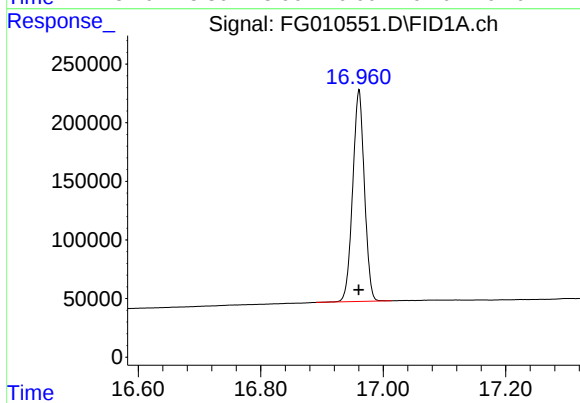
#10 N-TETRACOSANE

R.T.: 14.987 min
Delta R.T.: -0.001 min
Response: 2531815
Conc: 18.27 ug/ml



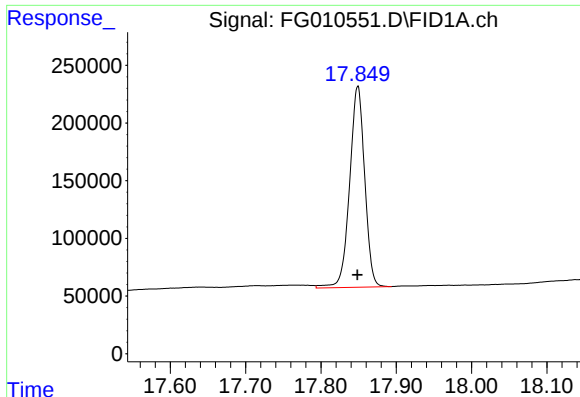
#11 N-HEXACOSANE

R.T.: 16.010 min
Delta R.T.: 0.000 min
Response: 2443062
Conc: 18.01 ug/ml



#12 N-OCTACOSANE

R.T.: 16.960 min
Delta R.T.: 0.000 min
Response: 2395877
Conc: 18.12 ug/ml



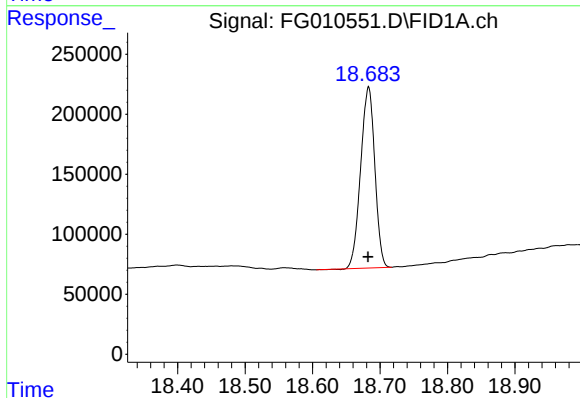
#13 N-TRIACONTANE

R.T.: 17.849 min
Delta R.T.: 0.000 min
Response: 2418275
Conc: 18.66 ug/ml

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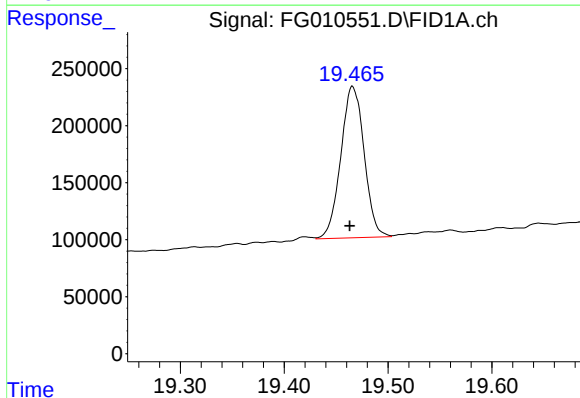
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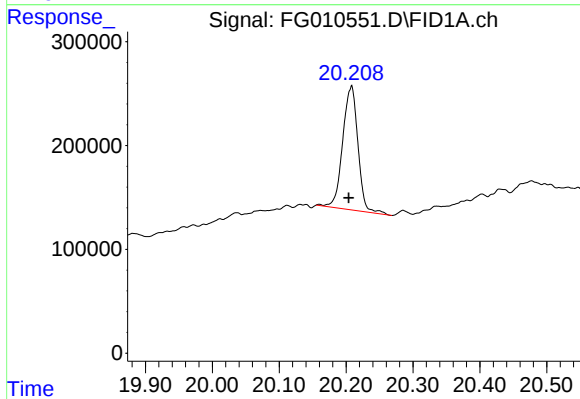
#14 N-DOTRIACONTANE

R.T.: 18.683 min
Delta R.T.: 0.000 min
Response: 2205718
Conc: 17.25 ug/ml



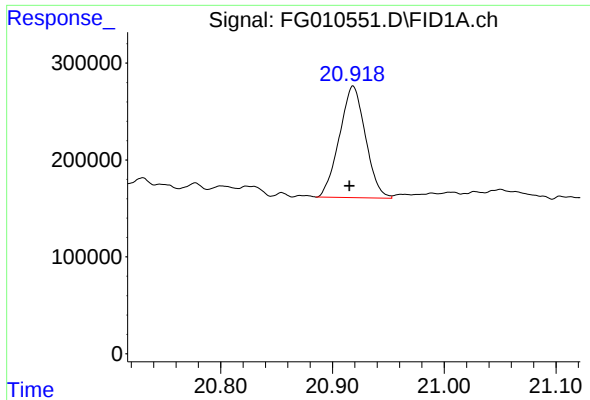
#15 N-TETRATRIACONTANE

R.T.: 19.465 min
Delta R.T.: 0.002 min
Response: 2076388
Conc: 16.78 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.208 min
Delta R.T.: 0.004 min
Response: 1887904
Conc: 16.27 ug/ml



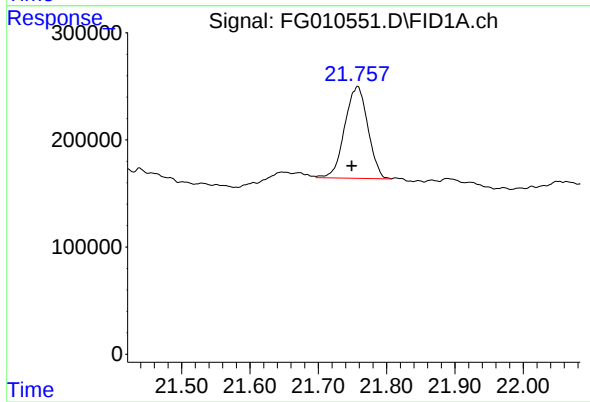
#17 N-OCTATRIACONTANE

R.T.: 20.919 min
Delta R.T.: 0.003 min
Response: 1866312
Conc: 16.25 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.757 min
Delta R.T.: 0.008 min
Response: 2010818
Conc: 17.06 ug/ml m