

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040723\
 Data File : FG011731.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 11:28
 Operator : YP\AJ
 Sample : 02213-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 03:34:21 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	2358433	23.431 ug/ml
Target Compounds			
1) N-OCTANE	2.051	141493	1.202 ug/ml
2) N-DECANE	4.571	165912	1.373 ug/ml
3) N-DODECANE	6.744	160650	1.317 ug/ml
4) N-TETRADECANE	8.575	133902	1.100 ug/mlm
5) N-HEXADECANE	10.188	154984	1.257 ug/ml
6) N-OCTADECANE	11.635	159599	1.307 ug/ml
7) N-EICOSANE	12.949	157470	1.311 ug/ml
8) N-DOCOSANE	14.151	155485	1.355 ug/ml
10) N-TETRACOSANE	15.257	181452	1.606 ug/ml
11) N-HEXACOSANE	16.282	159883	1.481 ug/ml
12) N-OCTACOSANE	17.235	170139	1.641 ug/ml
13) N-TRIACONTANE	18.125	185539	1.872 ug/ml
14) N-DOTRIACONTANE	18.960	190356	2.052 ug/ml
15) N-TETRATRIACONTANE	19.746	164841	1.955 ug/ml
16) N-HEXATRIACONTANE	20.489	153972	2.000 ug/ml
17) N-OCTATRIACONTANE	21.240	132661	1.762 ug/ml
18) N-TETRACONTANE	22.184	138076	1.881 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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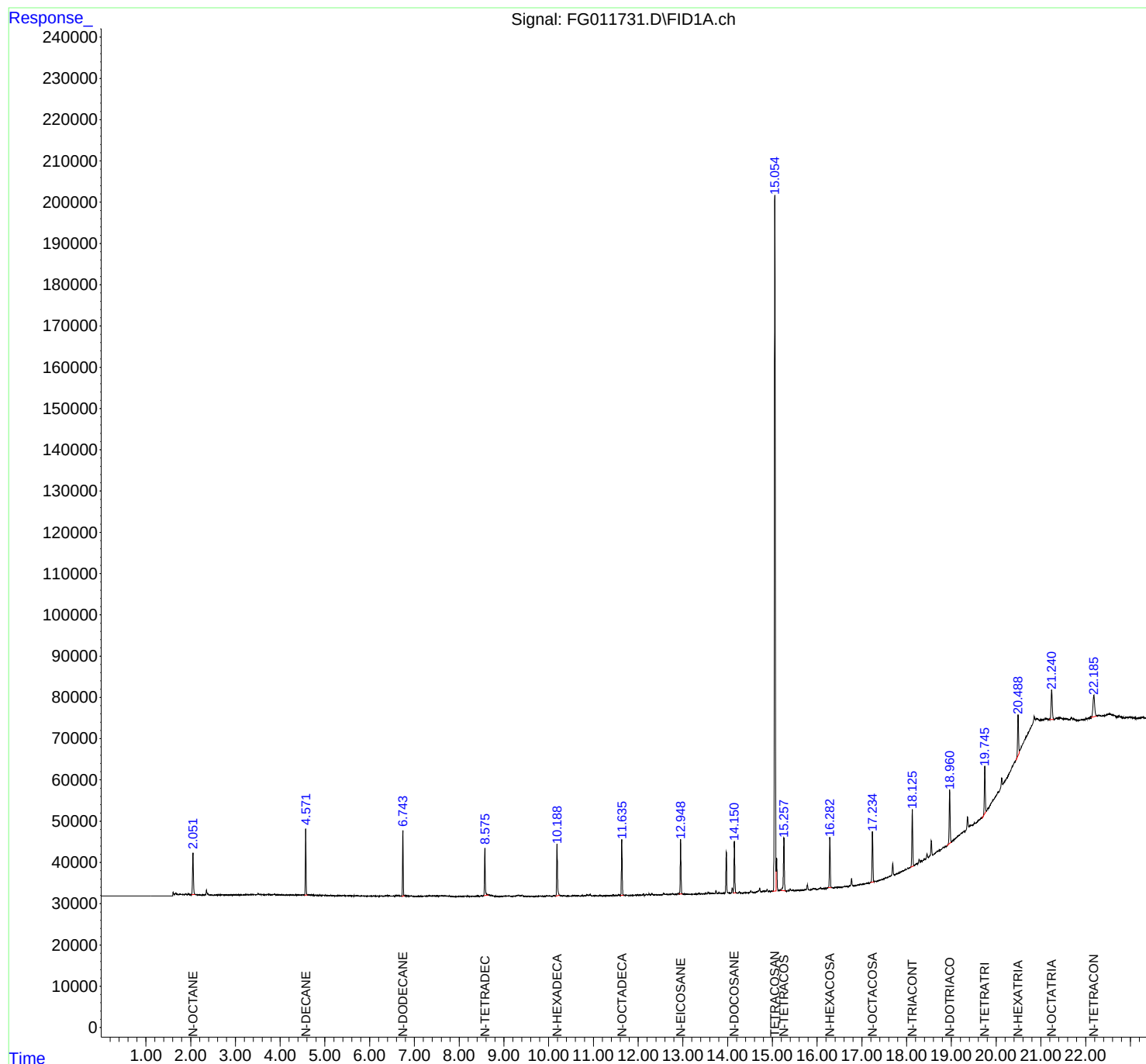
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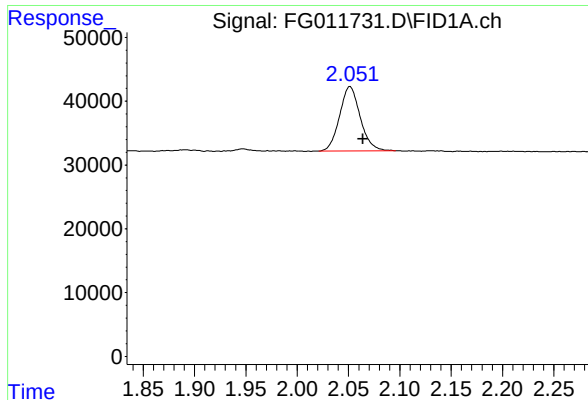
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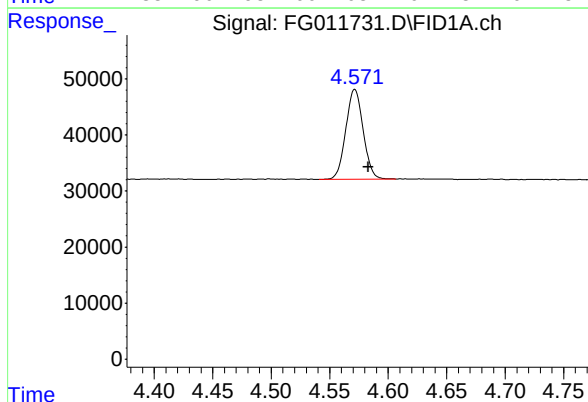
#1 N-OCTANE

R.T.: 2.051 min
Delta R.T.: -0.013 min
Response: 141493
Conc: 1.20 ug/ml

Instrument :
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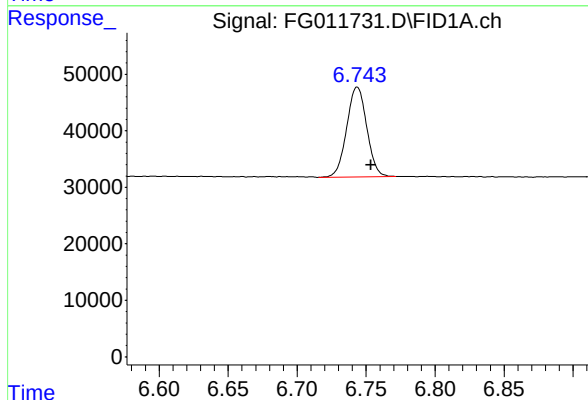
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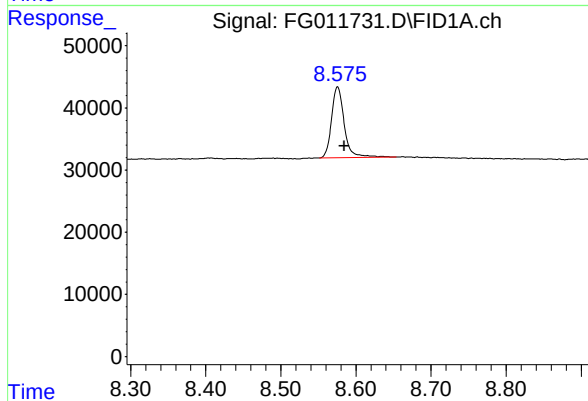
#2 N-DECANE

R.T.: 4.571 min
Delta R.T.: -0.011 min
Response: 165912
Conc: 1.37 ug/ml



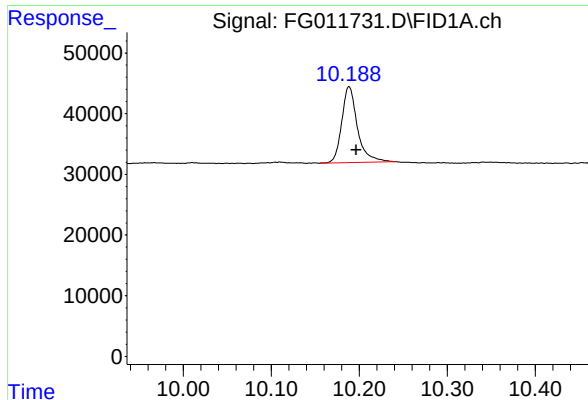
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 160650
Conc: 1.32 ug/ml



#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: -0.009 min
Response: 133902
Conc: 1.10 ug/ml m



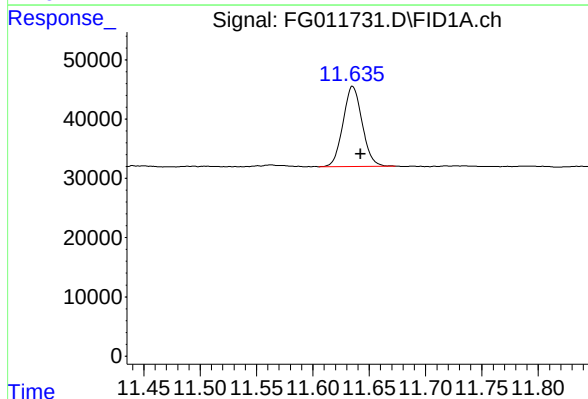
#5 N-HEXADECANE

R.T.: 10.188 min
Delta R.T.: -0.008 min
Response: 154984
Conc: 1.26 ug/ml

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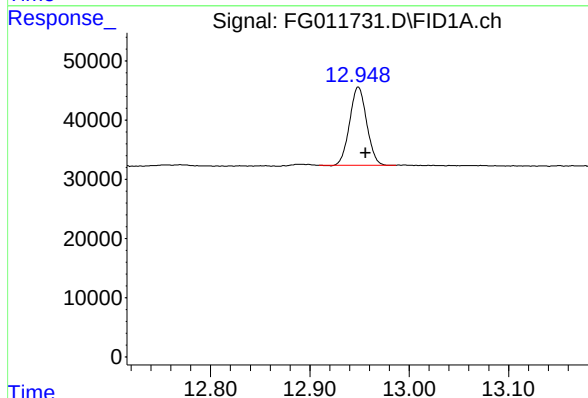
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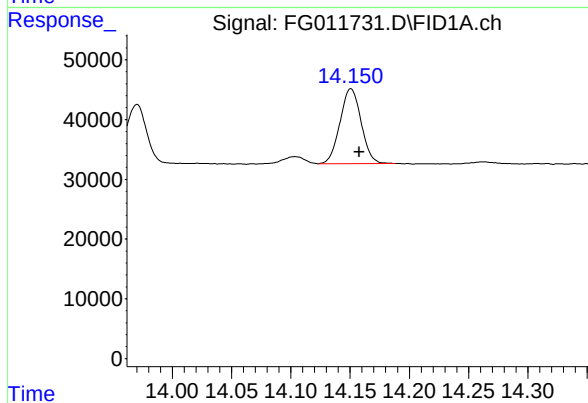
#6 N-OCTADECANE

R.T.: 11.635 min
Delta R.T.: -0.007 min
Response: 159599
Conc: 1.31 ug/ml



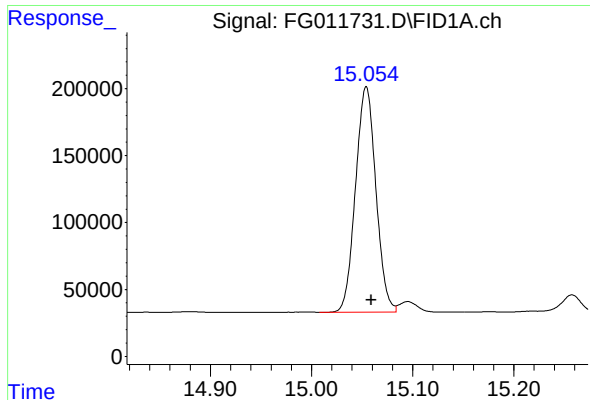
#7 N-EICOSANE

R.T.: 12.949 min
Delta R.T.: -0.007 min
Response: 157470
Conc: 1.31 ug/ml



#8 N-DOCOSANE

R.T.: 14.151 min
Delta R.T.: -0.007 min
Response: 155485
Conc: 1.36 ug/ml



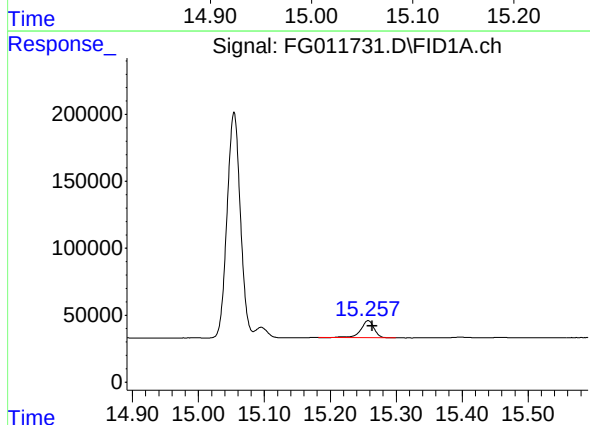
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.054 min
Delta R.T.: -0.005 min
Response: 2358433
Conc: 23.43 ug/ml

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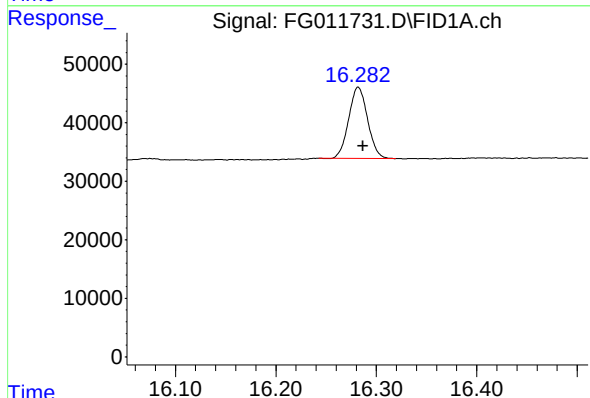
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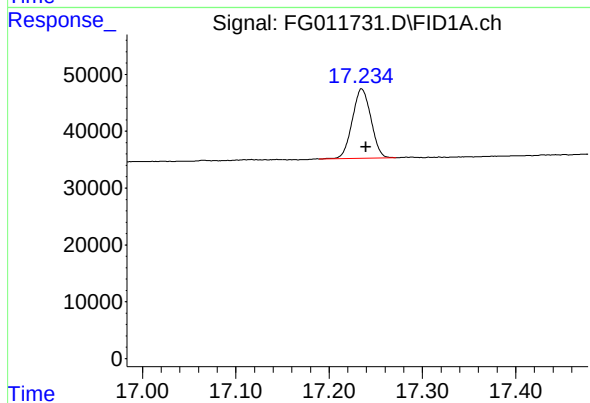
#10 N-TETRACOSANE

R.T.: 15.257 min
Delta R.T.: -0.006 min
Response: 181452
Conc: 1.61 ug/ml



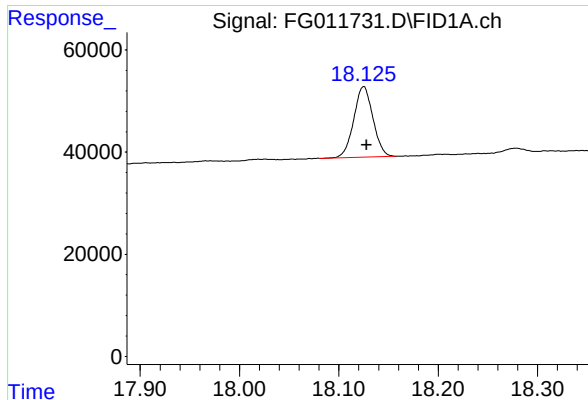
#11 N-HEXACOSANE

R.T.: 16.282 min
Delta R.T.: -0.005 min
Response: 159883
Conc: 1.48 ug/ml



#12 N-OCTACOSANE

R.T.: 17.235 min
Delta R.T.: -0.005 min
Response: 170139
Conc: 1.64 ug/ml



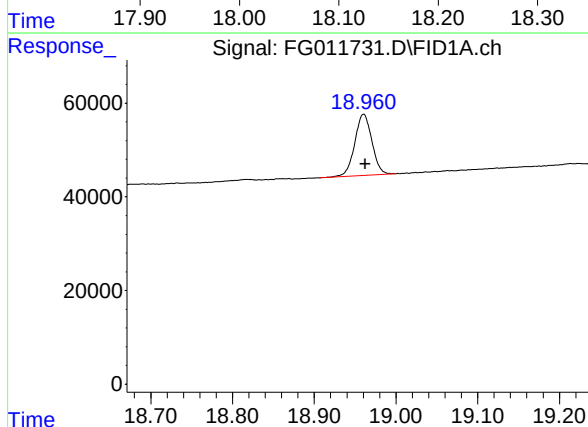
#13 N-TRIACONTANE

R.T.: 18.125 min
Delta R.T.: -0.003 min
Response: 185539
Conc: 1.87 ug/ml

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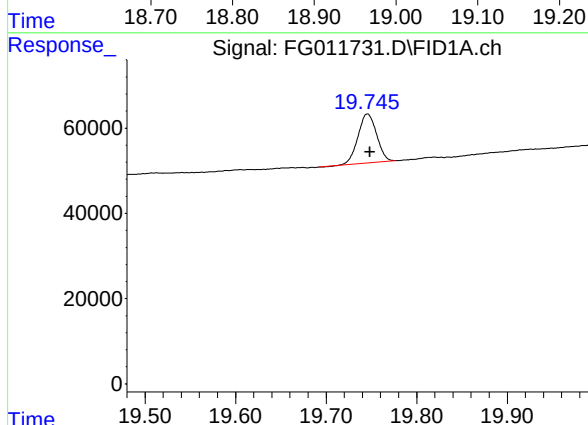
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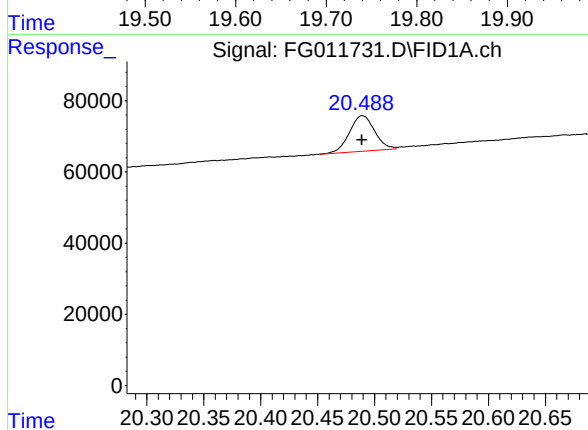
#14 N-DOTRIACONTANE

R.T.: 18.960 min
Delta R.T.: -0.002 min
Response: 190356
Conc: 2.05 ug/ml



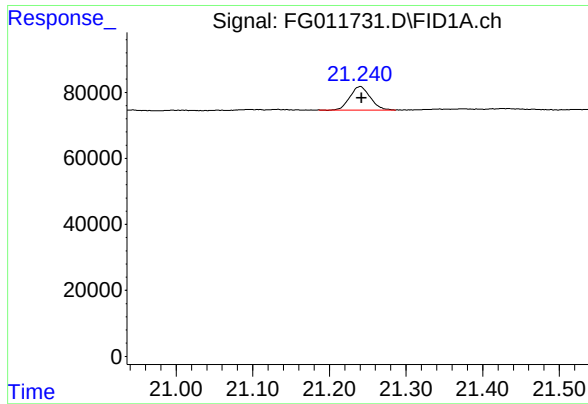
#15 N-TETRATRIACONTANE

R.T.: 19.746 min
Delta R.T.: -0.003 min
Response: 164841
Conc: 1.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.489 min
Delta R.T.: 0.000 min
Response: 153972
Conc: 2.00 ug/ml



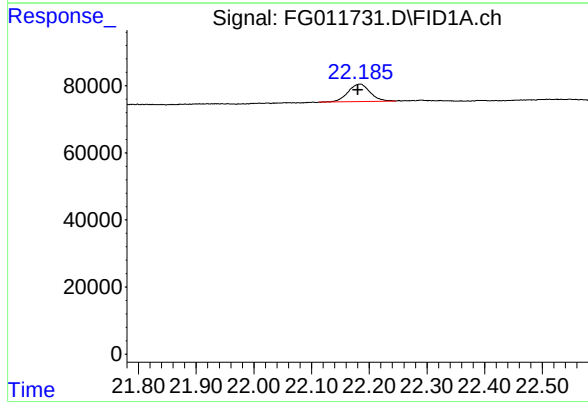
#17 N-OCTATRIACONTANE

R.T.: 21.240 min
Delta R.T.: -0.002 min
Response: 132661
Conc: 1.76 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.184 min
Delta R.T.: 0.003 min
Response: 138076
Conc: 1.88 ug/ml