

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040823\
 Data File : FG011750.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 22:27
 Operator : YP\AJ
 Sample : 02213-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-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 04:18:44 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...	15.048	2397112	23.815 ug/ml
Target Compounds			
1) N-OCTANE	2.051	141190	1.200 ug/ml
2) N-DECANE	4.569	165474	1.369 ug/ml
3) N-DODECANE	6.741	159217	1.305 ug/ml
4) N-TETRADECANE	8.572	134161	1.102 ug/mlm
5) N-HEXADECANE	10.185	157480	1.277 ug/ml
6) N-OCTADECANE	11.631	160727	1.316 ug/ml
7) N-EICOSANE	12.944	161549	1.344 ug/ml
8) N-DOCOSANE	14.145	159064	1.387 ug/ml
10) N-TETRACOSANE	15.251	187263	1.658 ug/ml
11) N-HEXACOSANE	16.275	167962	1.555 ug/ml
12) N-OCTACOSANE	17.228	186162	1.795 ug/ml
13) N-TRIACONTANE	18.118	211317	2.132 ug/ml
14) N-DOTRIACONTANE	18.953	222238	2.396 ug/ml
15) N-TETRATRIACONTANE	19.739	196161	2.327 ug/ml
16) N-HEXATRIACONTANE	20.482	171553	2.228 ug/ml
17) N-OCTATRIACONTANE	21.232	164005	2.178 ug/ml
18) N-TETRACONTANE	22.168	179278	2.443 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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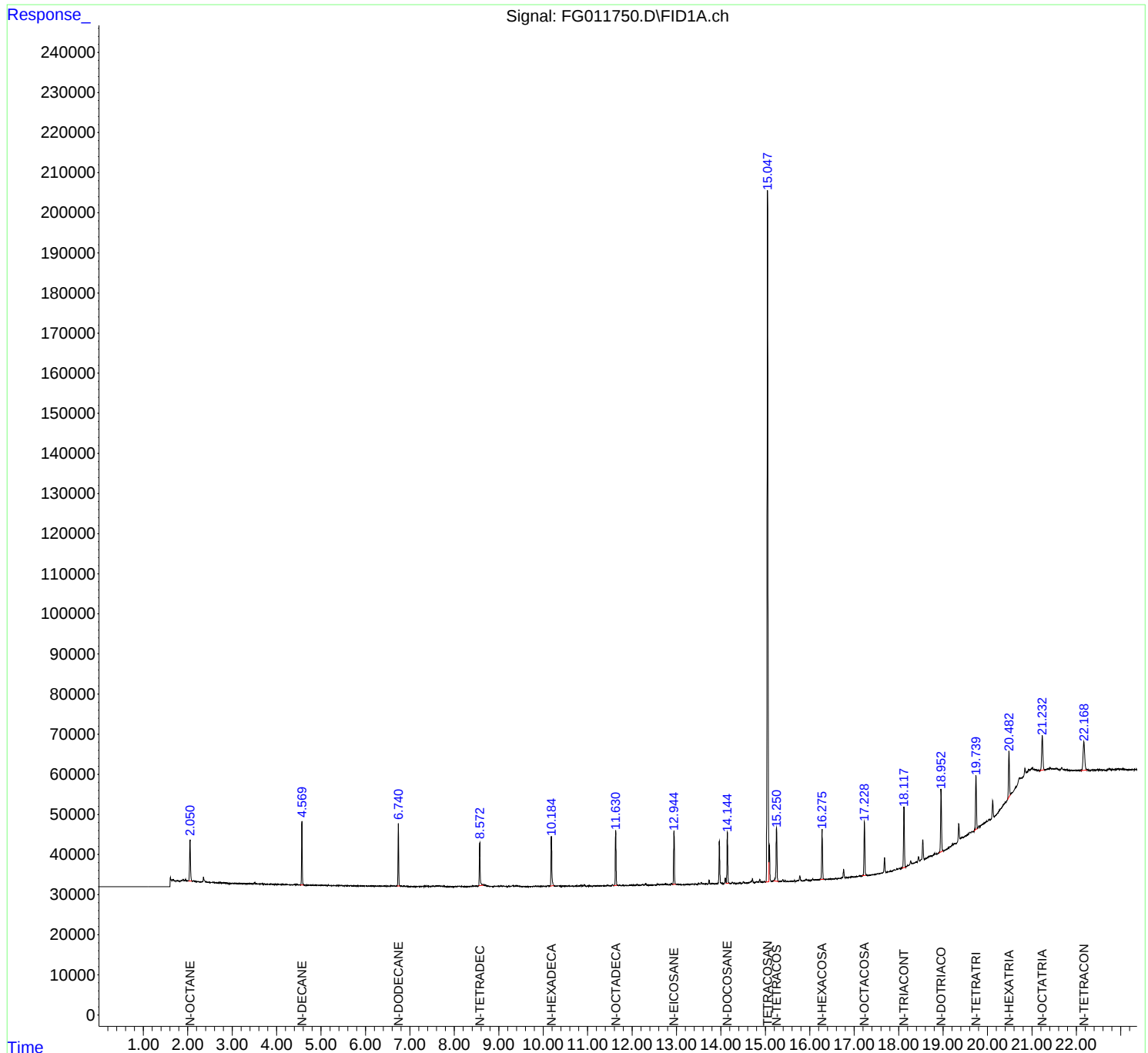
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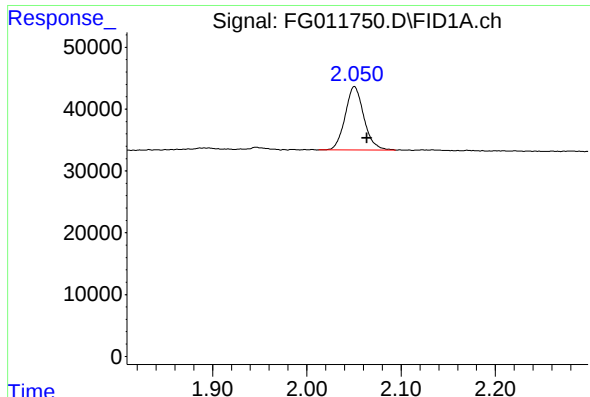
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.051 min
Delta R.T.: -0.013 min
Response: 141190
Conc: 1.20 ug/ml

Instrument :

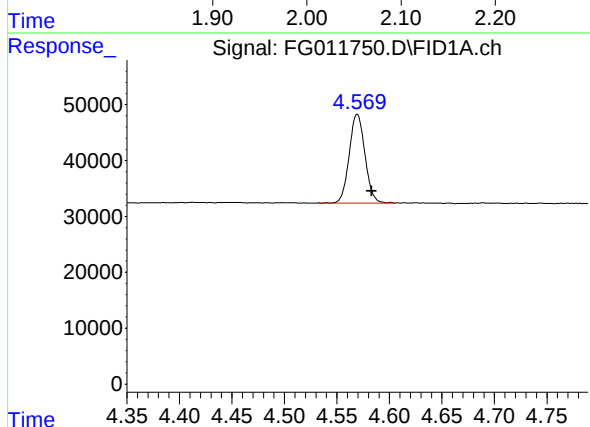
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ClientSampleId :

LOD-MDL-WATER-04-QT2-2023

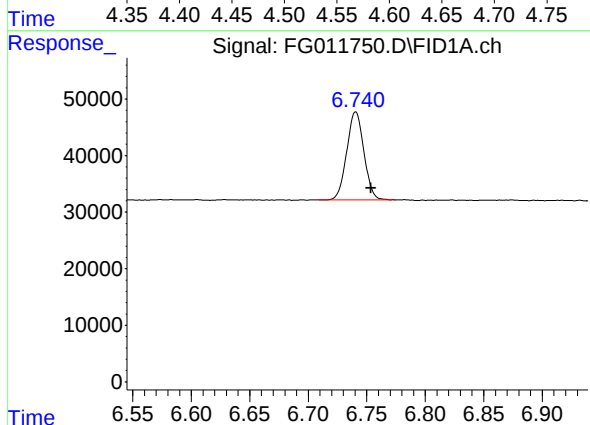
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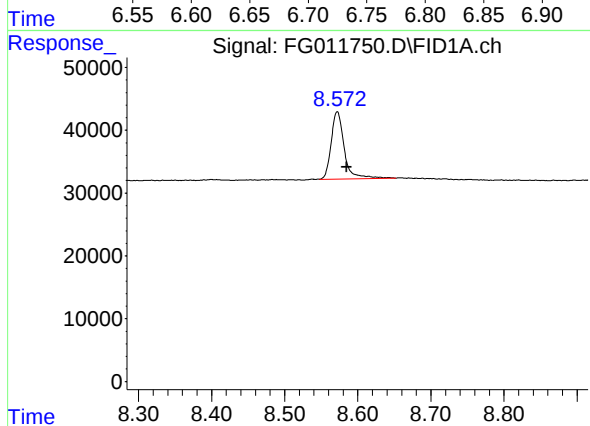
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: -0.014 min
Response: 165474
Conc: 1.37 ug/ml



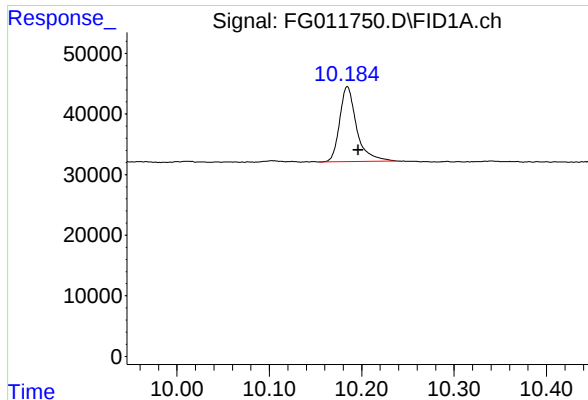
#3 N-DODECANE

R.T.: 6.741 min
Delta R.T.: -0.013 min
Response: 159217
Conc: 1.30 ug/ml



#4 N-TETRADECANE

R.T.: 8.572 min
Delta R.T.: -0.013 min
Response: 134161
Conc: 1.10 ug/ml m



#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.012 min
Response: 157480
Conc: 1.28 ug/ml

Instrument :

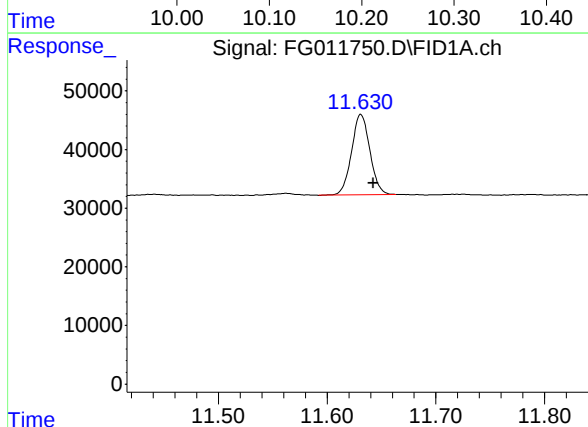
FID_G

ClientSampleId :

LOD-MDL-WATER-04-QT2-2023

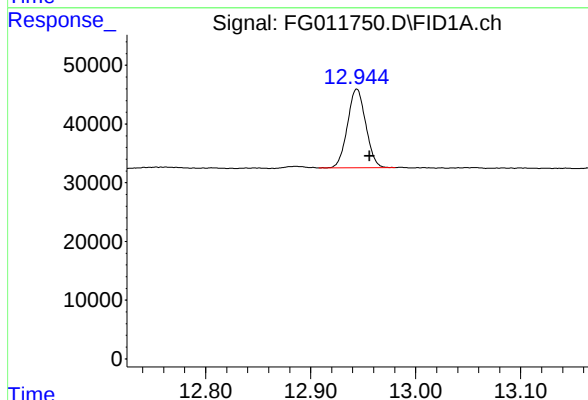
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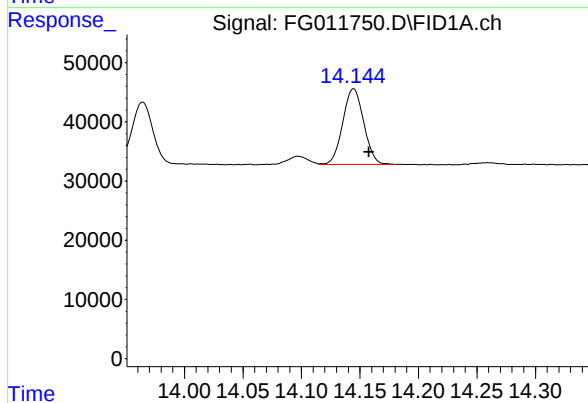
#6 N-OCTADECANE

R.T.: 11.631 min
Delta R.T.: -0.012 min
Response: 160727
Conc: 1.32 ug/ml



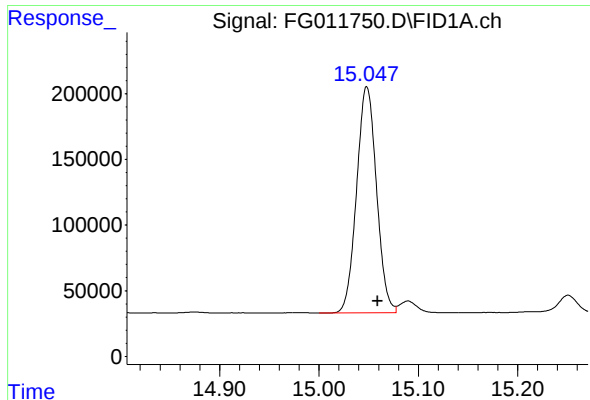
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: -0.012 min
Response: 161549
Conc: 1.34 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min
Delta R.T.: -0.013 min
Response: 159064
Conc: 1.39 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: -0.011 min
Response: 2397112
Conc: 23.82 ug/ml

Instrument :

FID_G

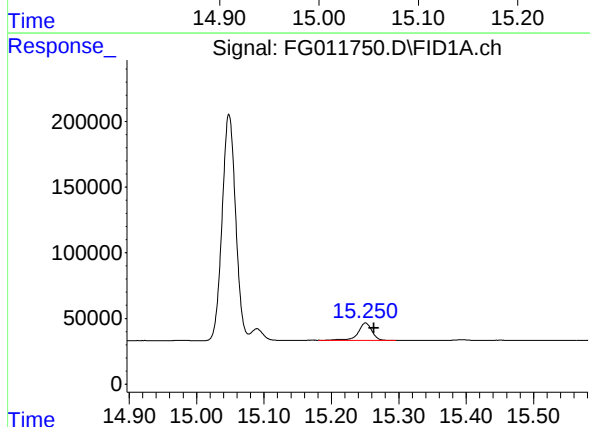
ClientSampleId :

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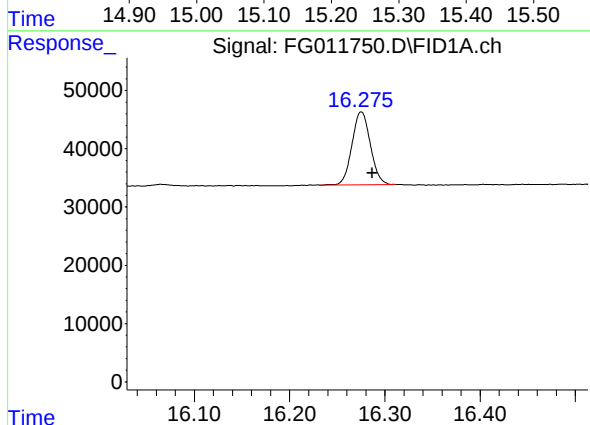
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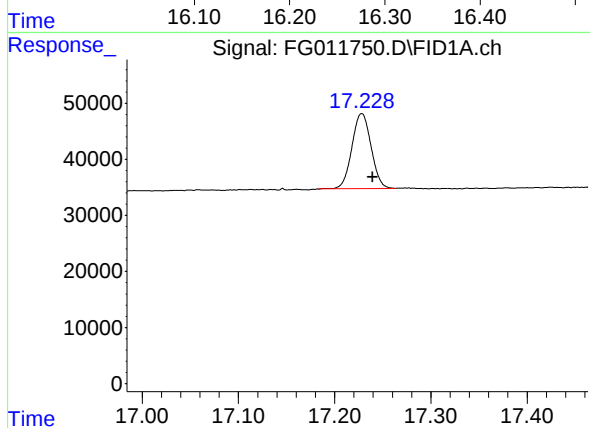
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.013 min
Response: 187263
Conc: 1.66 ug/ml



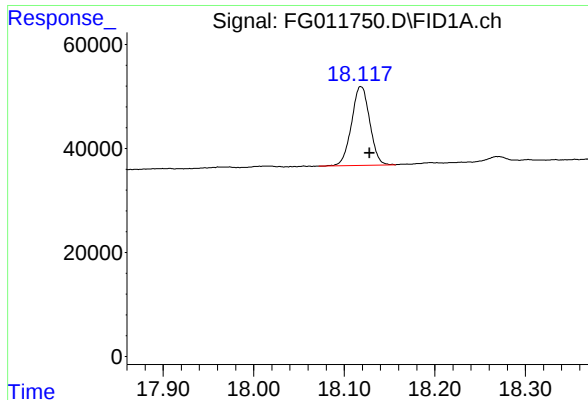
#11 N-HEXACOSANE

R.T.: 16.275 min
Delta R.T.: -0.011 min
Response: 167962
Conc: 1.56 ug/ml



#12 N-OCTACOSANE

R.T.: 17.228 min
Delta R.T.: -0.011 min
Response: 186162
Conc: 1.80 ug/ml



#13 N-TRIACONTANE

R.T.: 18.118 min
Delta R.T.: -0.010 min
Response: 211317
Conc: 2.13 ug/ml

Instrument :

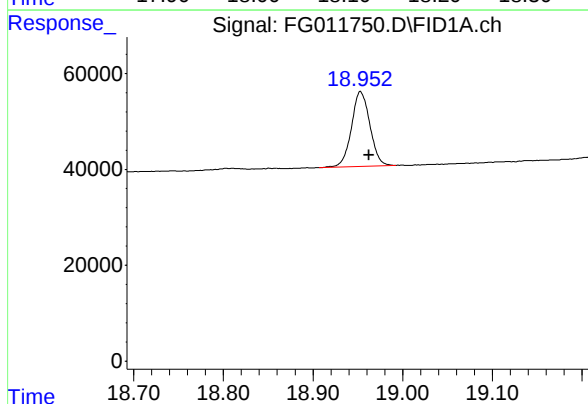
FID_G

ClientSampleId :

LOD-MDL-WATER-04-QT2-2023

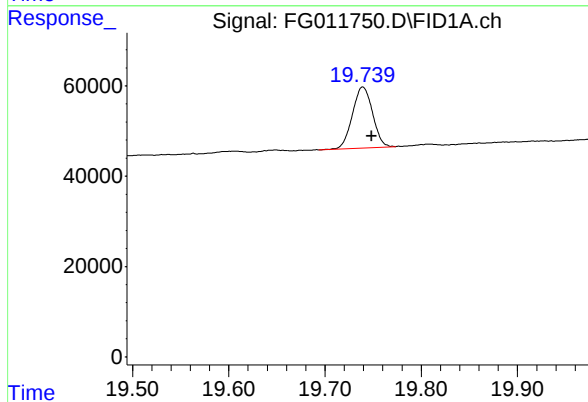
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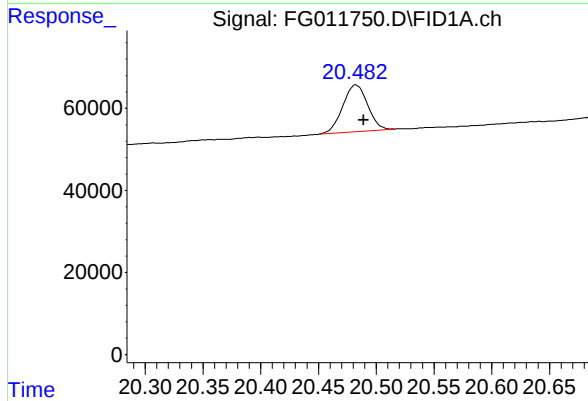
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: -0.010 min
Response: 222238
Conc: 2.40 ug/ml



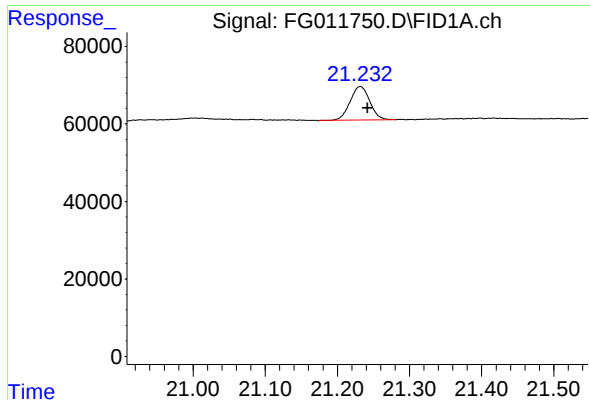
#15 N-TETRATRIACONTANE

R.T.: 19.739 min
Delta R.T.: -0.009 min
Response: 196161
Conc: 2.33 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.482 min
Delta R.T.: -0.007 min
Response: 171553
Conc: 2.23 ug/ml



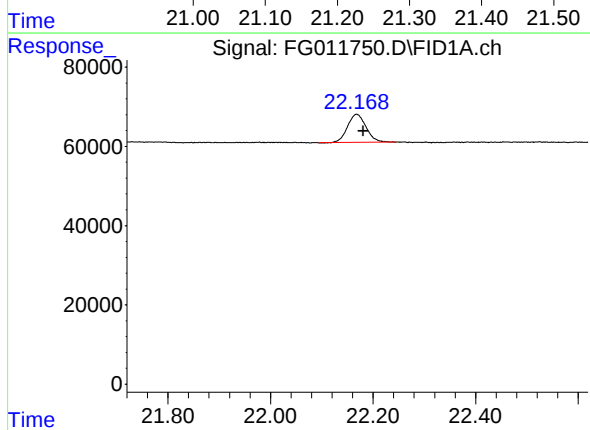
#17 N-OCTATRIACONTANE

R.T.: 21.232 min
Delta R.T.: -0.010 min
Response: 164005
Conc: 2.18 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.168 min
Delta R.T.: -0.013 min
Response: 179278
Conc: 2.44 ug/ml