

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041023\
 Data File : FG011764.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2023 13:26
 Operator : YP\AJ
 Sample : 02213-12
 Misc : 1 PPM WATER MDL
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
 Quant Time: Apr 11 01:18:49 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...	15.045	2621866	26.048 ug/ml
Target Compounds			
1) N-OCTANE	2.047	151725	1.289 ug/ml
2) N-DECANE	4.567	185514	1.535 ug/ml
3) N-DODECANE	6.738	183232	1.502 ug/ml
4) N-TETRADECANE	8.570	160031	1.315 ug/mlm
5) N-HEXADECANE	10.182	183930	1.492 ug/ml
6) N-OCTADECANE	11.628	186864	1.530 ug/ml
7) N-EICOSANE	12.941	178847	1.488 ug/ml
8) N-DOCOSANE	14.141	179228	1.562 ug/ml
10) N-TETRACOSANE	15.248	211043	1.868 ug/mlm
11) N-HEXACOSANE	16.272	203931	1.888 ug/ml
12) N-OCTACOSANE	17.224	230438	2.222 ug/ml
13) N-TRIACONTANE	18.113	285095	2.877 ug/ml
14) N-DOTRIACONTANE	18.949	304901	3.288 ug/ml
15) N-TETRATRIACONTANE	19.735	257057	3.049 ug/ml
16) N-HEXATRIACONTANE	20.479	199682	2.594 ug/ml
17) N-OCTATRIACONTANE	21.224	167530	2.225 ug/ml
18) N-TETRACONTANE	22.162	143326	1.953 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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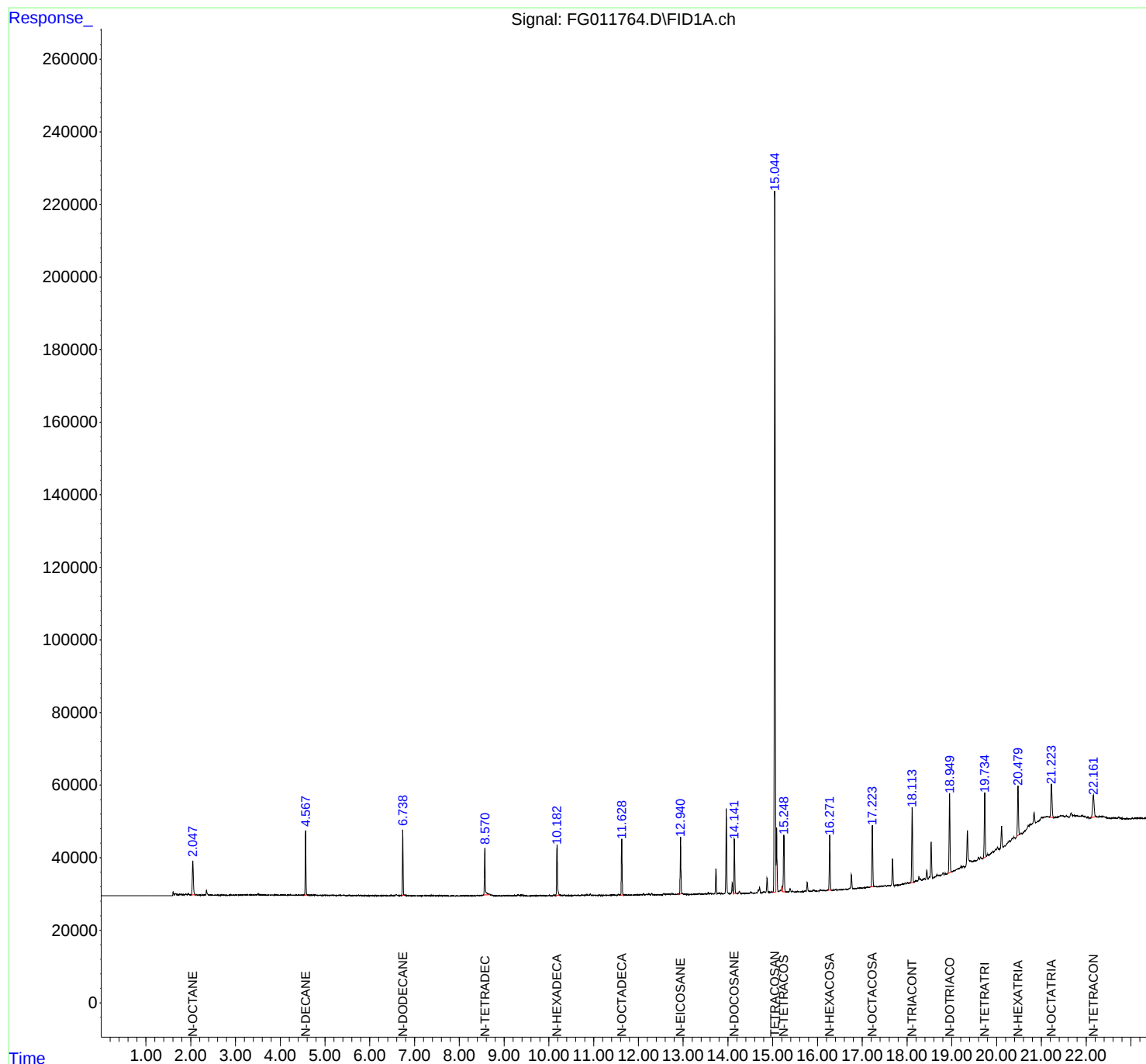
Instrument :
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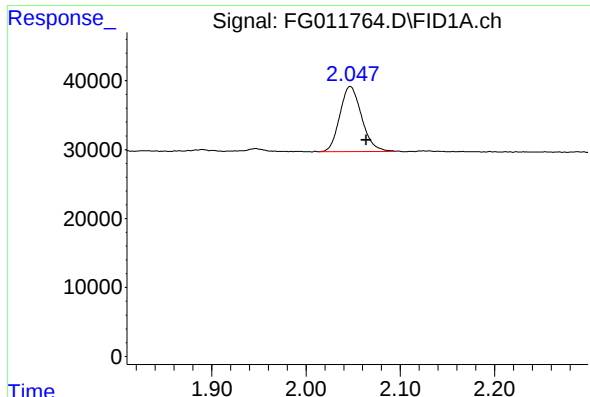
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Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.047 min
Delta R.T.: -0.017 min
Response: 151725
Conc: 1.29 ug/ml

Instrument :

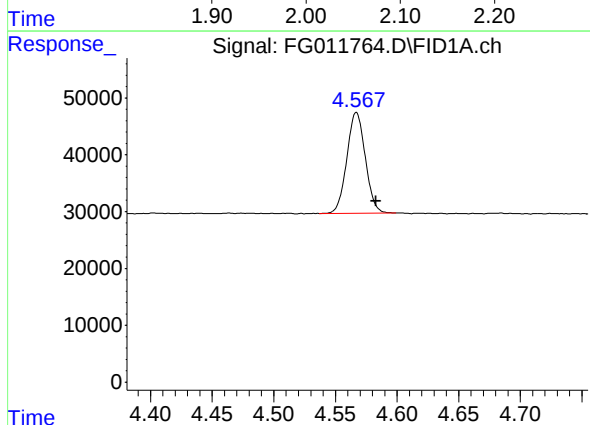
FID_G

ClientSampleId :

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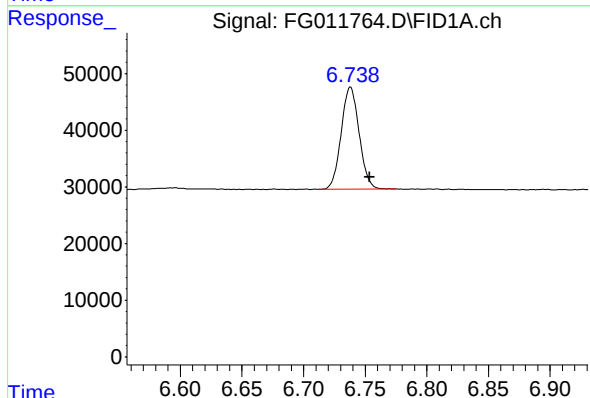
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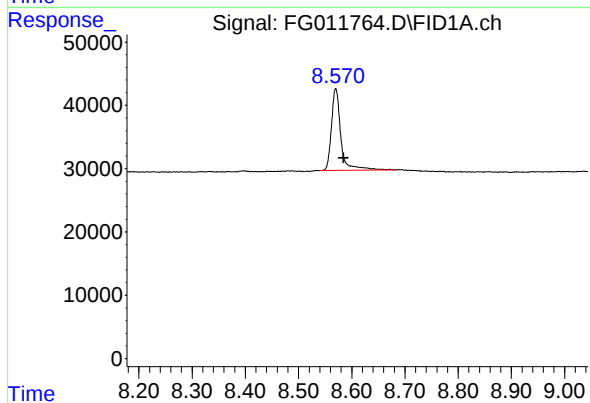
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: -0.016 min
Response: 185514
Conc: 1.54 ug/ml



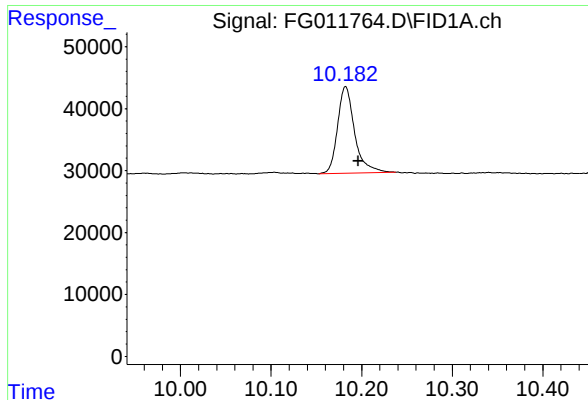
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: -0.016 min
Response: 183232
Conc: 1.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.570 min
Delta R.T.: -0.015 min
Response: 160031
Conc: 1.32 ug/ml m



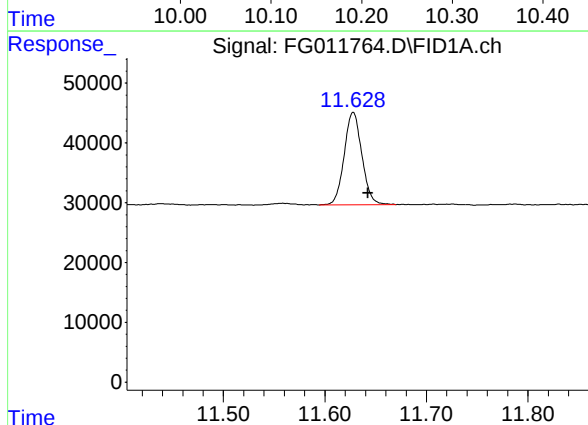
#5 N-HEXADECANE

R.T.: 10.182 min
Delta R.T.: -0.014 min
Response: 183930
Conc: 1.49 ug/ml

Instrument : FID_G
ClientSampleId : MDL-WATER-06-QT2-2023

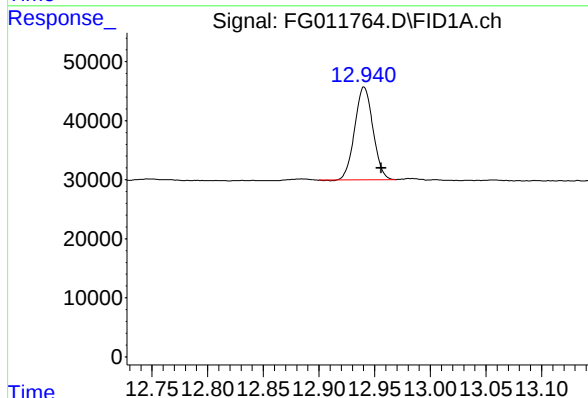
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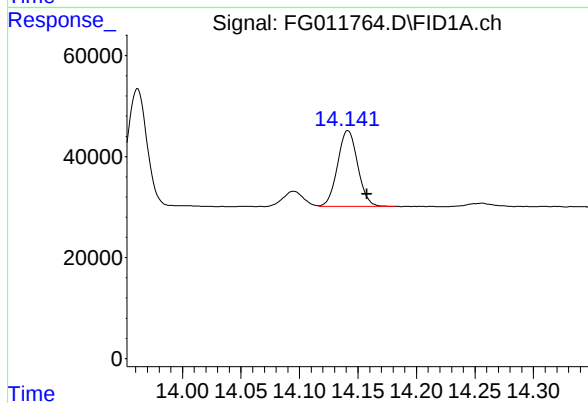
#6 N-OCTADECANE

R.T.: 11.628 min
Delta R.T.: -0.015 min
Response: 186864
Conc: 1.53 ug/ml



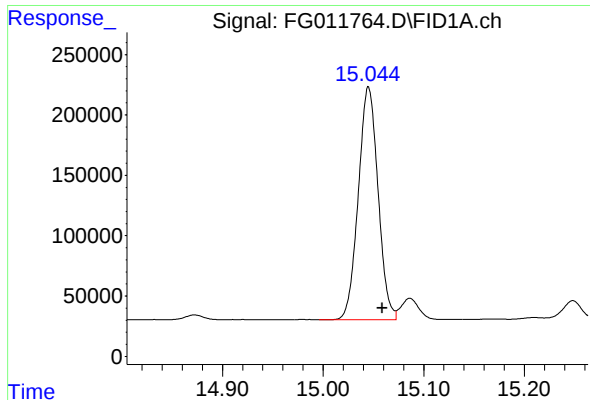
#7 N-EICOSANE

R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 178847
Conc: 1.49 ug/ml



#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: -0.016 min
Response: 179228
Conc: 1.56 ug/ml



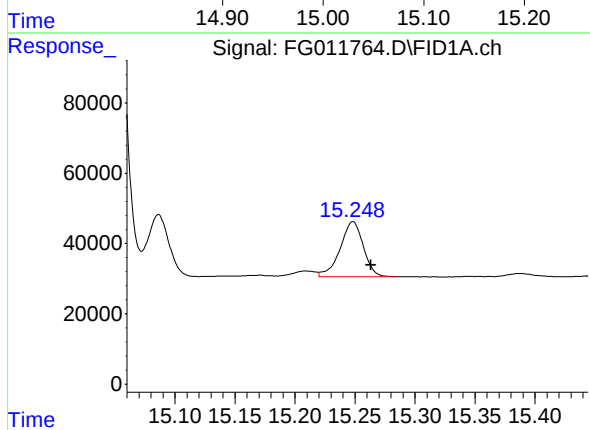
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.045 min
Delta R.T.: -0.014 min
Response: 2621866
Conc: 26.05 ug/ml

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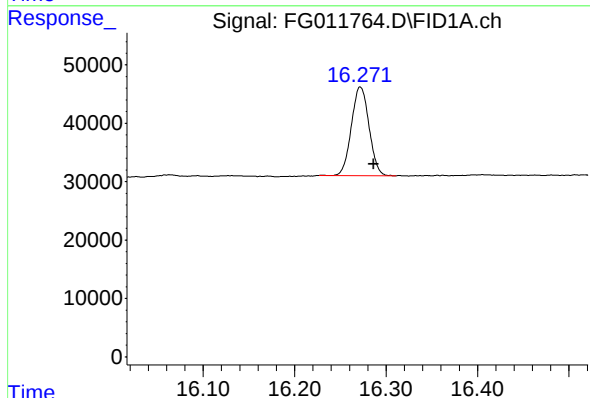
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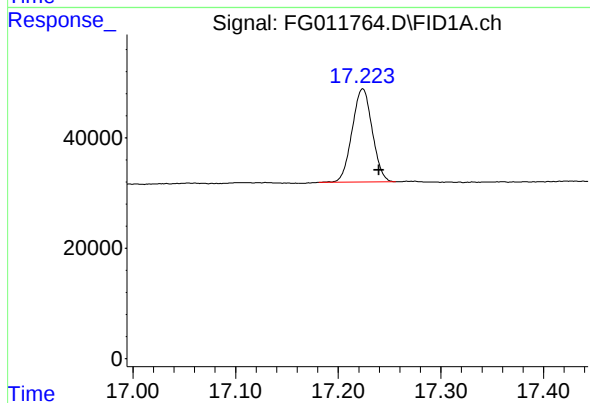
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: -0.015 min
Response: 211043
Conc: 1.87 ug/ml m



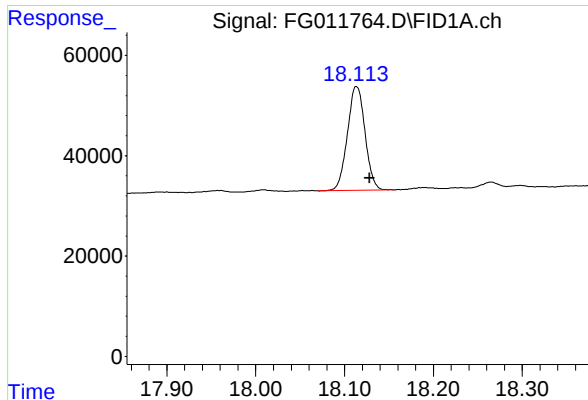
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: -0.015 min
Response: 203931
Conc: 1.89 ug/ml



#12 N-OCTACOSANE

R.T.: 17.224 min
Delta R.T.: -0.016 min
Response: 230438
Conc: 2.22 ug/ml



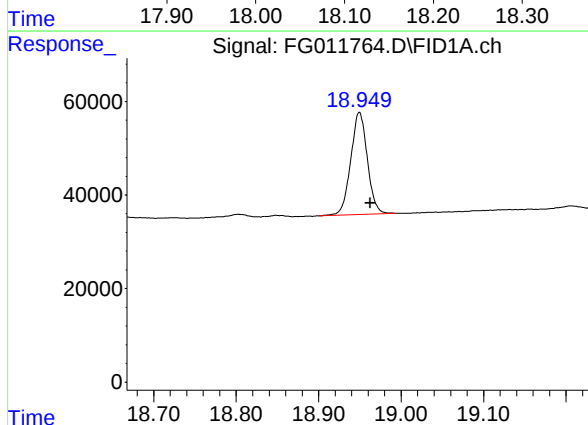
#13 N-TRIACONTANE

R.T.: 18.113 min
Delta R.T.: -0.015 min
Response: 285095
Conc: 2.88 ug/ml

Instrument :
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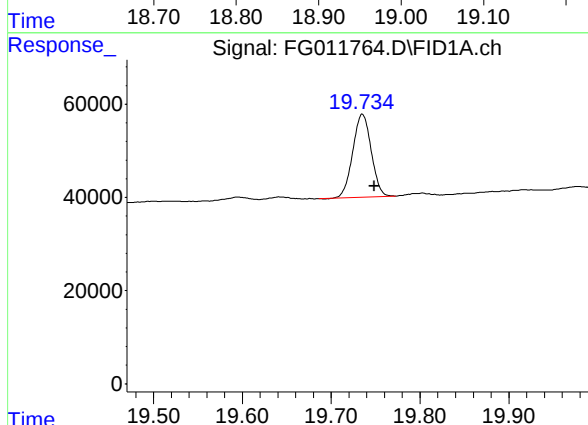
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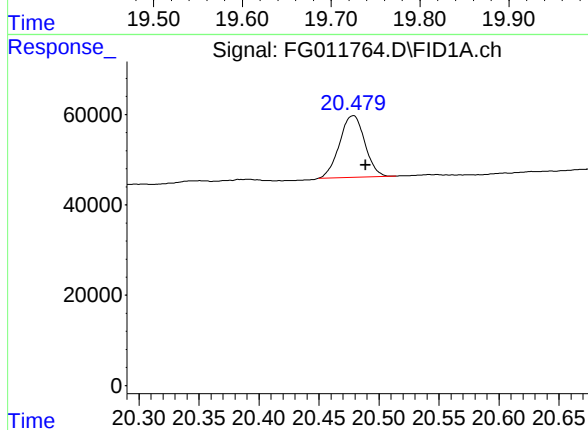
#14 N-DOTRIACONTANE

R.T.: 18.949 min
Delta R.T.: -0.013 min
Response: 304901
Conc: 3.29 ug/ml



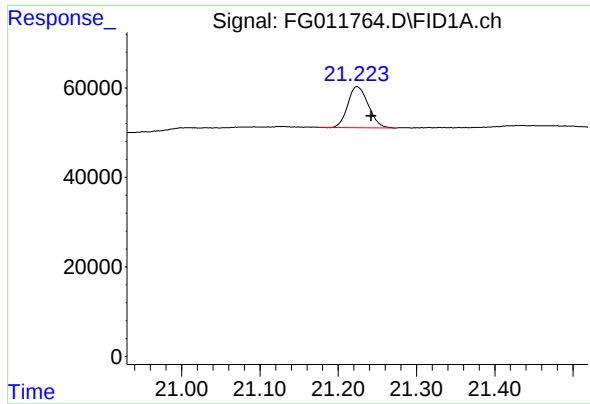
#15 N-TETRATRIACONTANE

R.T.: 19.735 min
Delta R.T.: -0.013 min
Response: 257057
Conc: 3.05 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.010 min
Response: 199682
Conc: 2.59 ug/ml



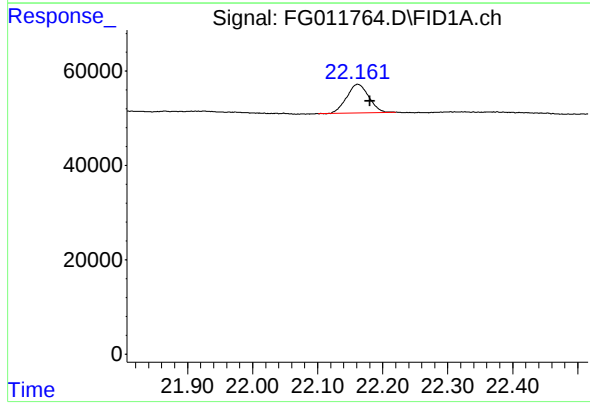
#17 N-OCTATRIACONTANE

R.T.: 21.224 min
Delta R.T.: -0.018 min
Response: 167530
Conc: 2.23 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.162 min
Delta R.T.: -0.019 min
Response: 143326
Conc: 1.95 ug/ml