

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121123\
 Data File : FG013258.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2023 12:22
 Operator : YP\AJ
 Sample : PB157678BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB157678BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2023
 Supervised By :Ankita Jodhani 12/12/2023

Integration File: autoint1.e
 Quant Time: Dec 11 23:46:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 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...	15.078	1907198	17.766 ug/ml
Target Compounds			
1) N-OCTANE	2.059	2089603	17.130 ug/ml
2) N-DECANE	4.586	2247923	17.784 ug/ml
3) N-DODECANE	6.762	2262440	18.013 ug/ml
4) N-TETRADECANE	8.597	2208778	18.297 ug/ml
5) N-HEXADECANE	10.211	2218824	18.255 ug/ml
6) N-OCTADECANE	11.660	2179761	18.137 ug/ml
7) N-EICOSANE	12.974	2122582	17.963 ug/ml
8) N-DOCOSANE	14.176	2029059	17.889 ug/ml
10) N-TETRACOSANE	15.282	2071427	17.786 ug/ml
11) N-HEXACOSANE	16.305	1984351	17.818 ug/ml
12) N-OCTACOSANE	17.258	1999633	18.119 ug/ml
13) N-TRIACONTANE	18.148	2070265	18.851 ug/ml
14) N-DOTRIACONTANE	18.982	2019692	18.881 ug/ml
15) N-TETRATRIACONTANE	19.766	1688518	17.974 ug/ml
16) N-HEXATRIACONTANE	20.508	1252601	16.152 ug/ml
17) N-OCTATRIACONTANE	21.263	1005791	14.554 ug/mlm
18) N-TETRACONTANE	22.212	791266	10.918 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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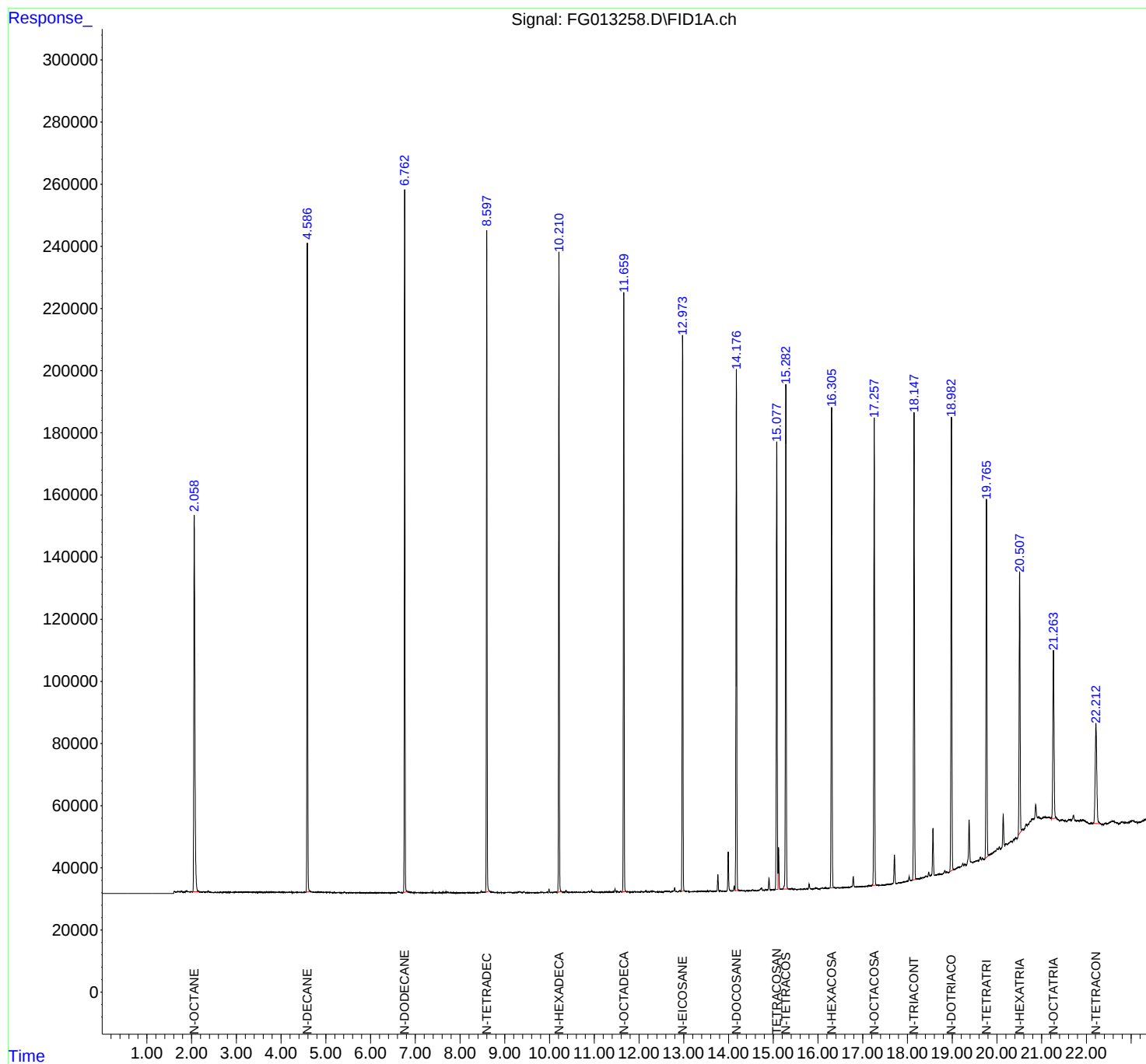
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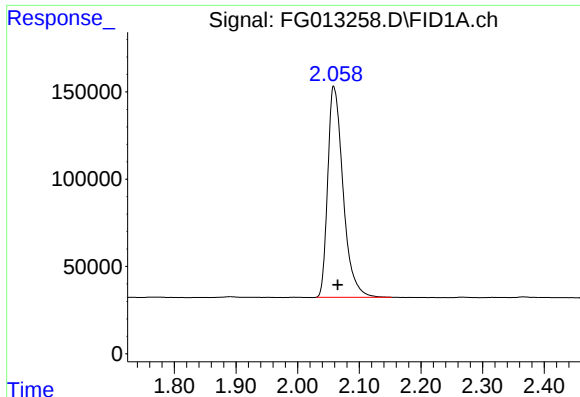
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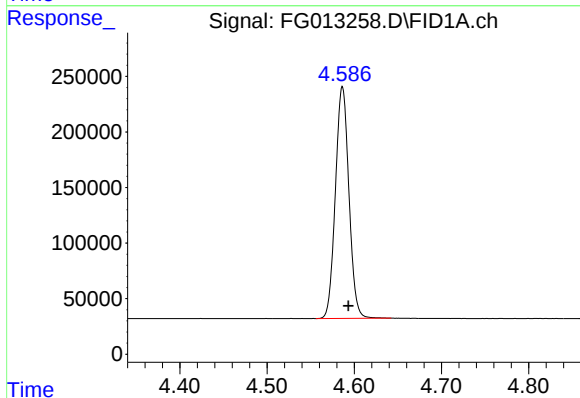
#1 N-OCTANE

R.T.: 2.059 min
Delta R.T.: -0.006 min
Response: 2089603
Conc: 17.13 ug/ml

Instrument :
FID_G
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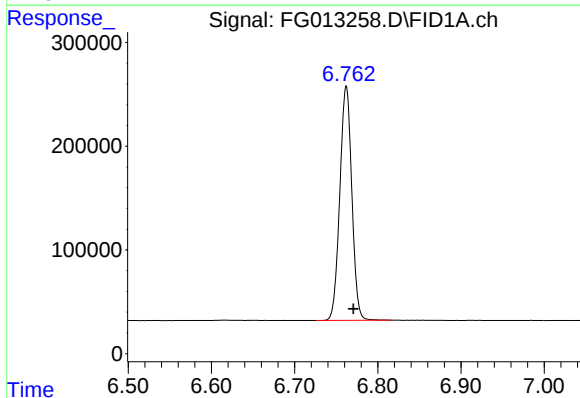
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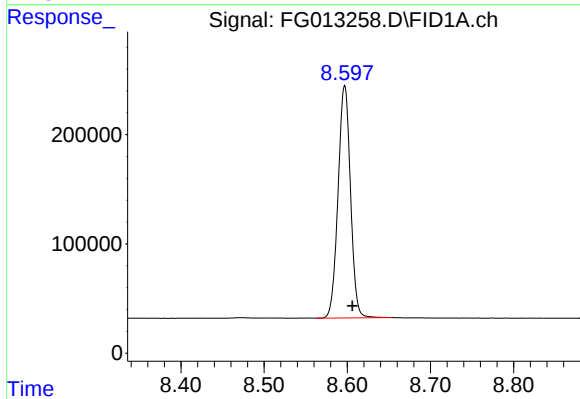
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: -0.007 min
Response: 2247923
Conc: 17.78 ug/ml



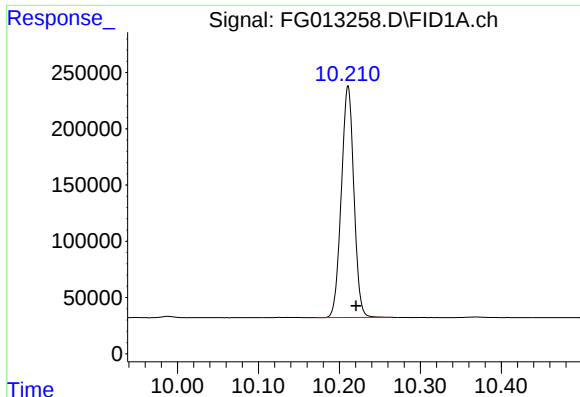
#3 N-DODECANE

R.T.: 6.762 min
Delta R.T.: -0.008 min
Response: 2262440
Conc: 18.01 ug/ml



#4 N-TETRADECANE

R.T.: 8.597 min
Delta R.T.: -0.009 min
Response: 2208778
Conc: 18.30 ug/ml



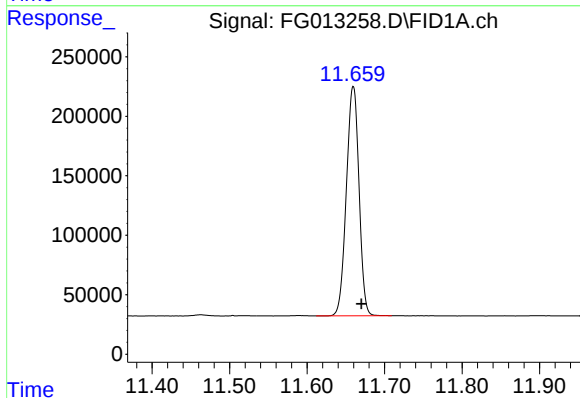
#5 N-HEXADECANE

R.T.: 10.211 min
Delta R.T.: -0.010 min
Response: 2218824
Conc: 18.25 ug/ml

Instrument :
FID_G
ClientSampleId :
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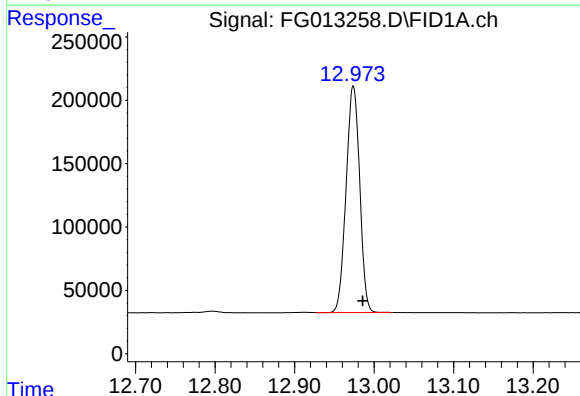
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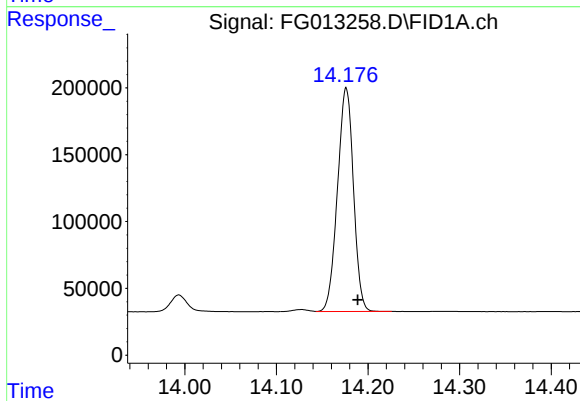
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.011 min
Response: 2179761
Conc: 18.14 ug/ml



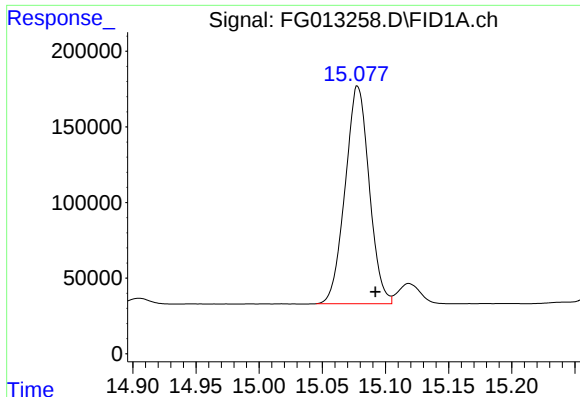
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.012 min
Response: 2122582
Conc: 17.96 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: -0.013 min
Response: 2029059
Conc: 17.89 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.078 min
Delta R.T.: -0.014 min
Response: 1907198
Conc: 17.77 ug/ml

Instrument :

FID_G

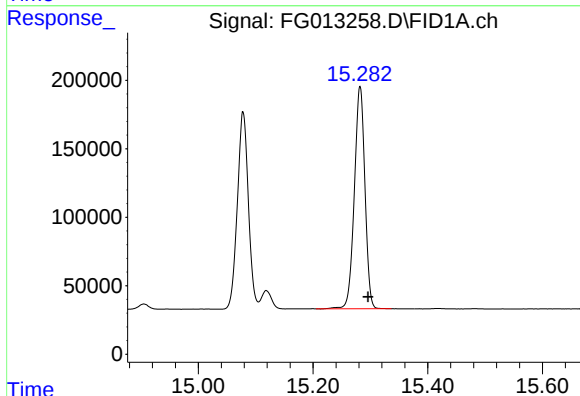
ClientSampleId :

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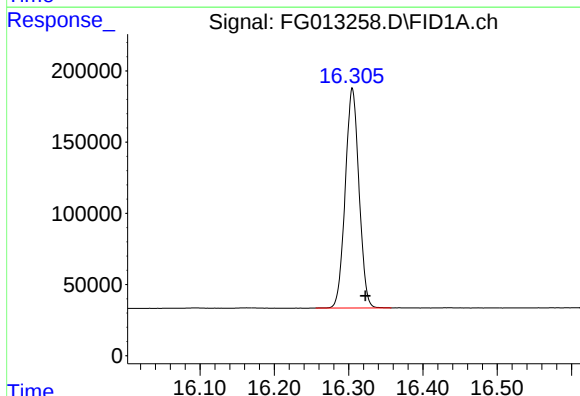
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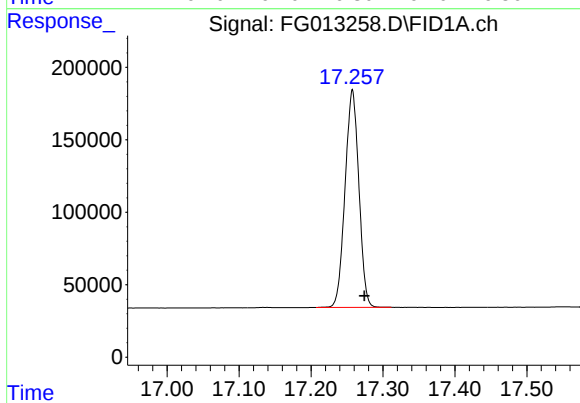
#10 N-TETRACOSANE

R.T.: 15.282 min
Delta R.T.: -0.014 min
Response: 2071427
Conc: 17.79 ug/ml



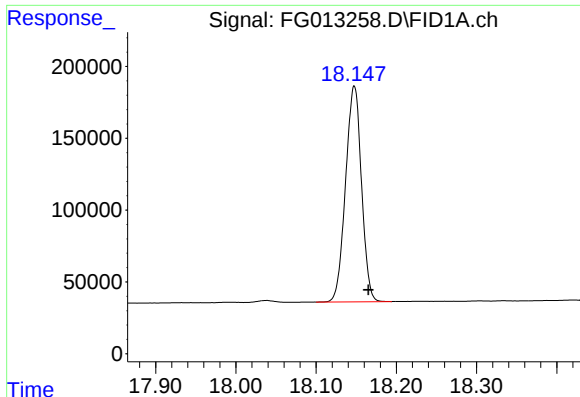
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.018 min
Response: 1984351
Conc: 17.82 ug/ml



#12 N-OCTACOSANE

R.T.: 17.258 min
Delta R.T.: -0.017 min
Response: 1999633
Conc: 18.12 ug/ml



#13 N-TRIACONTANE

R.T.: 18.148 min
Delta R.T.: -0.017 min
Response: 2070265
Conc: 18.85 ug/ml

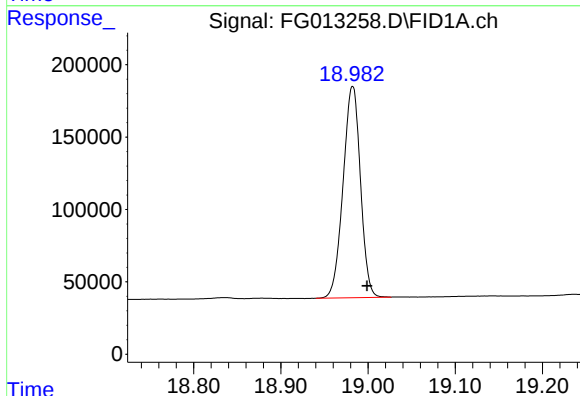
Instrument :

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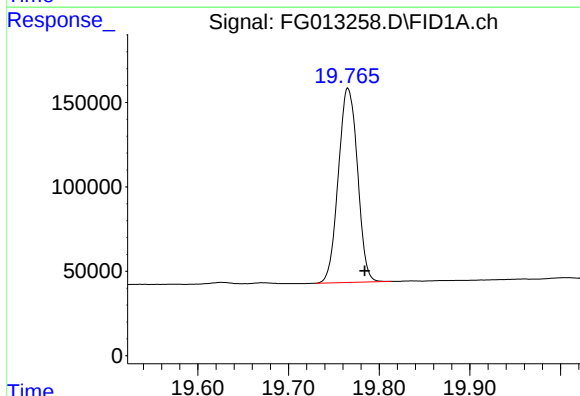
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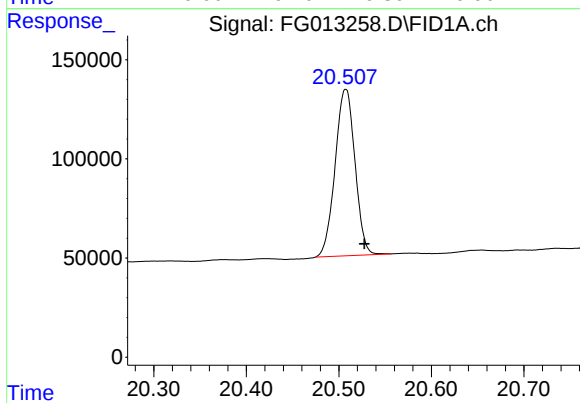
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: -0.017 min
Response: 2019692
Conc: 18.88 ug/ml



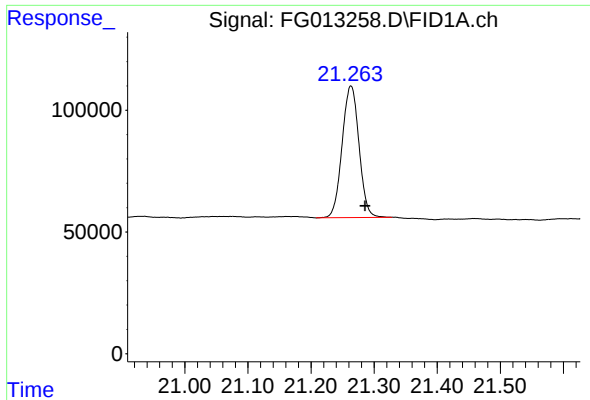
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: -0.019 min
Response: 1688518
Conc: 17.97 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.508 min
Delta R.T.: -0.020 min
Response: 1252601
Conc: 16.15 ug/ml



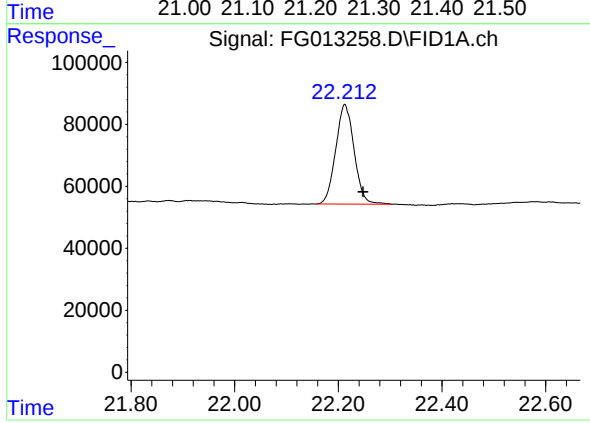
#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: -0.023 min
Response: 1005791
Conc: 14.55 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.212 min
Delta R.T.: -0.035 min
Response: 791266
Conc: 10.92 ug/ml m