

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081823\
 Data File : FG012726.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 16:56
 Operator : YP\AJ
 Sample : 04054-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e
 Quant Time: Aug 18 23:40:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.085	1233753	11.029 ug/mlm
Target Compounds			
1) N-OCTANE	2.080	1257926	10.217 ug/ml
2) N-DECANE	4.600	1734909	13.657 ug/ml
3) N-DODECANE	6.773	1941381	15.114 ug/ml
4) N-TETRADECANE	8.606	2078596	16.136 ug/ml
5) N-HEXADECANE	10.219	2098423	16.175 ug/ml
6) N-OCTADECANE	11.667	2269097	17.300 ug/ml
7) N-EICOSANE	12.982	2094866	16.287 ug/ml
8) N-DOCOSANE	14.183	2039761	16.128 ug/ml
10) N-TETRACOSANE	15.290	2144739	16.959 ug/ml
11) N-HEXACOSANE	16.314	1992632	15.919 ug/ml
12) N-OCTACOSANE	17.266	1995860	16.239 ug/ml
13) N-TRIACONTANE	18.156	1992125	16.821 ug/ml
14) N-DOTRIACONTANE	18.990	2141010	19.065 ug/ml
15) N-TETRATRIACONTANE	19.774	1747300	18.446 ug/ml
16) N-HEXATRIACONTANE	20.515	1355842	16.708 ug/mlm
17) N-OCTATRIACONTANE	21.275	1286753	17.818 ug/mlm
18) N-TETRACONTANE	22.226	1301674	18.681 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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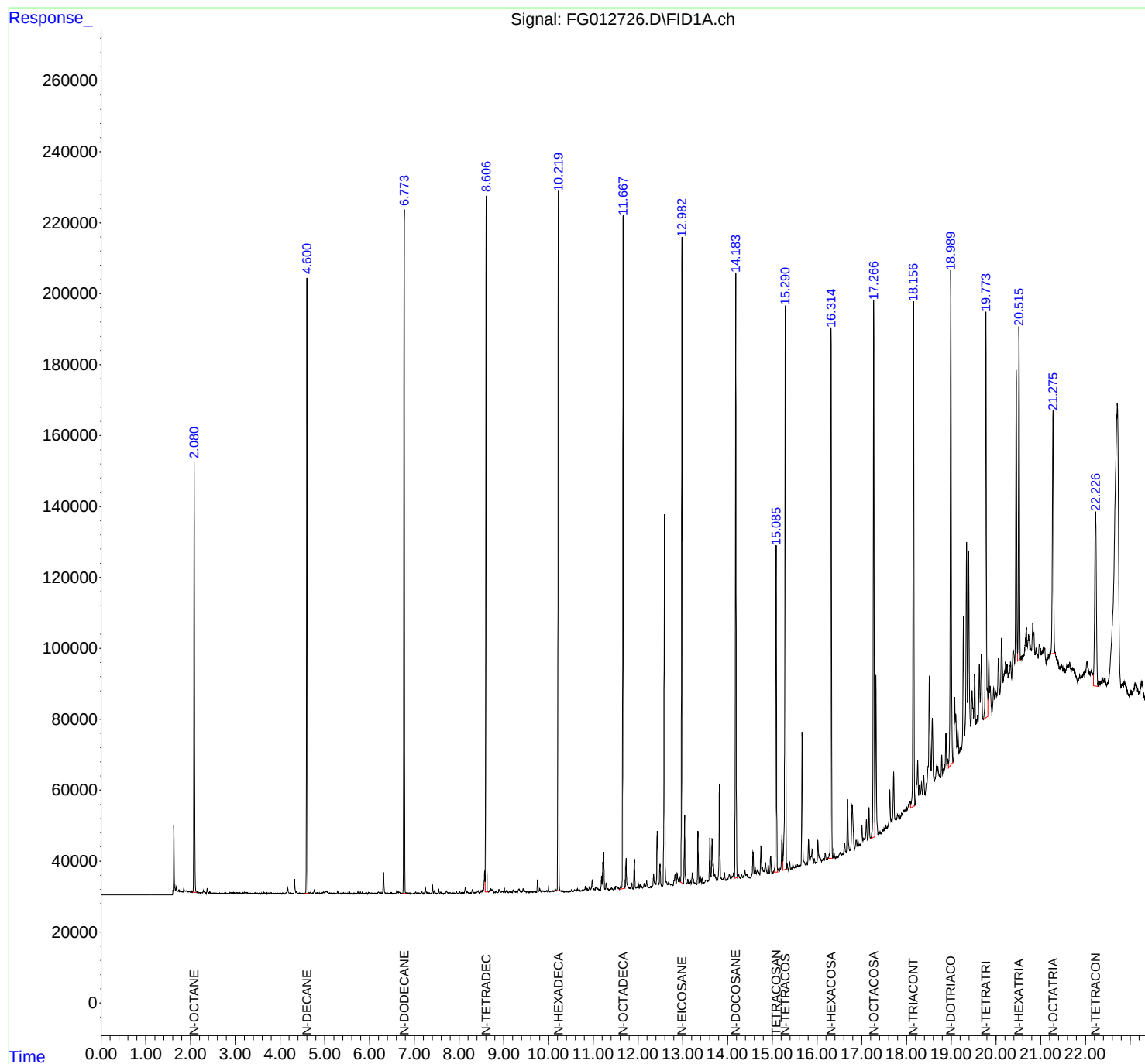
APPROVED

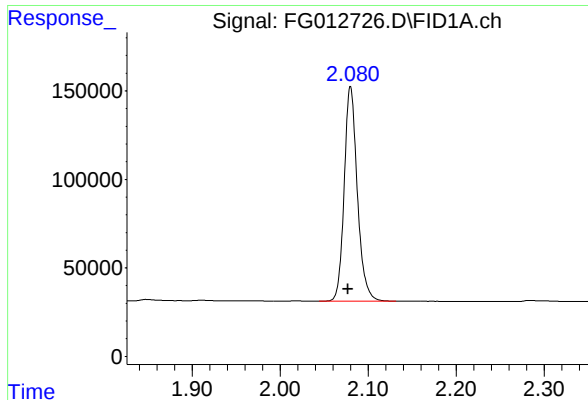
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.003 min
Response: 1257926
Conc: 10.22 ug/ml

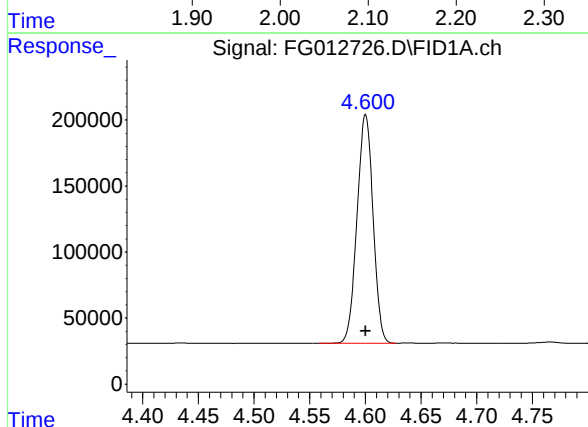
Instrument :

FID_G

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WASTEMSD

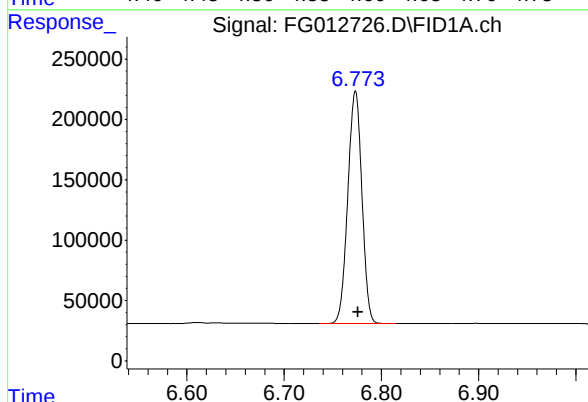
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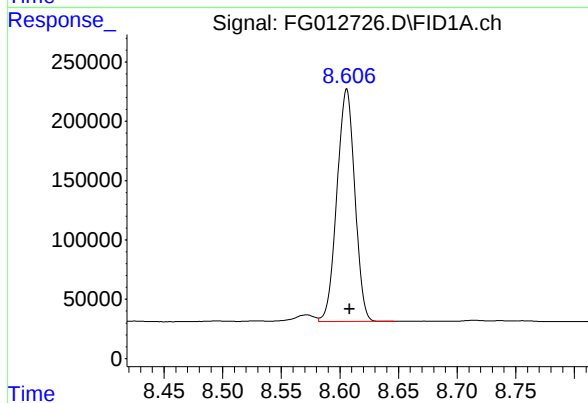
#2 N-DECANE

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 1734909
Conc: 13.66 ug/ml



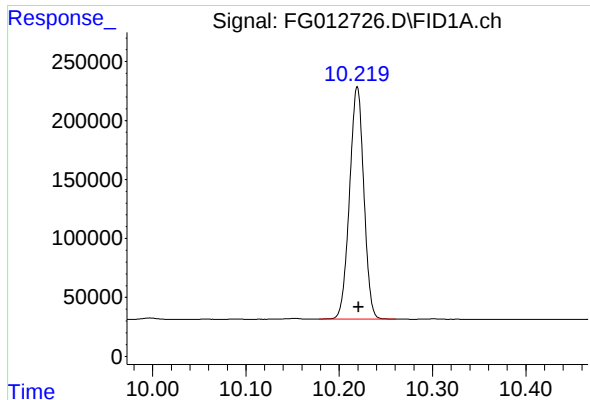
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 1941381
Conc: 15.11 ug/ml



#4 N-TETRADECANE

R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 2078596
Conc: 16.14 ug/ml



#5 N-HEXADECANE

R.T.: 10.219 min
Delta R.T.: -0.001 min
Response: 2098423
Conc: 16.18 ug/ml

Instrument :

FID_G

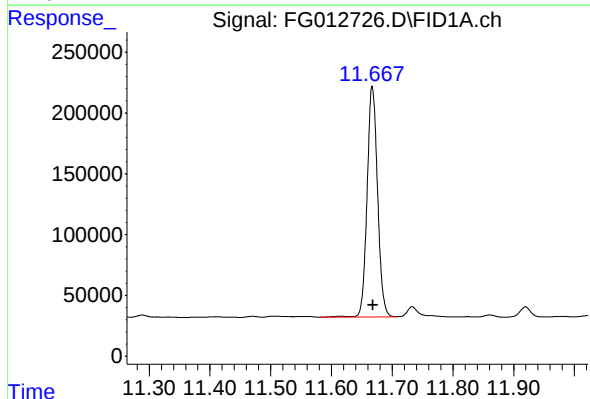
ClientSampleId :

WASTEMSD

Manual Integrations

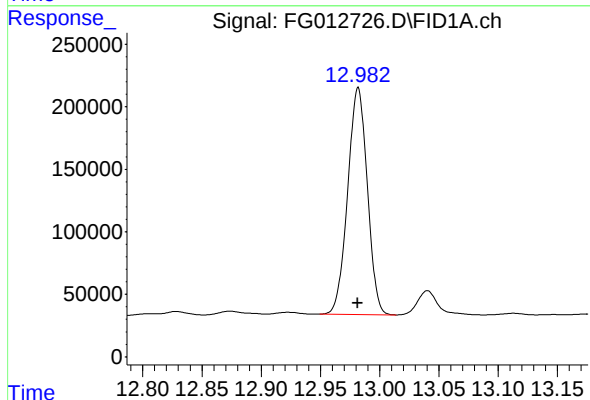
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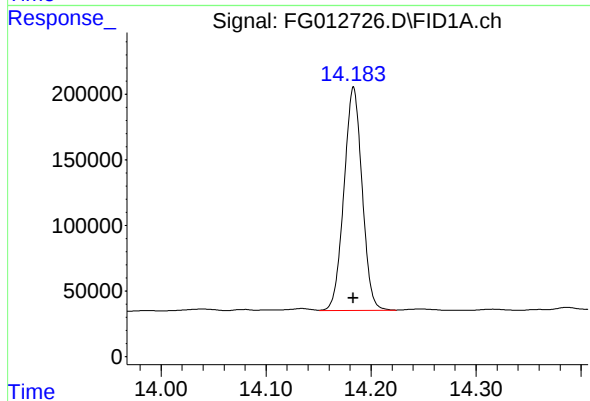
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: -0.001 min
Response: 2269097
Conc: 17.30 ug/ml



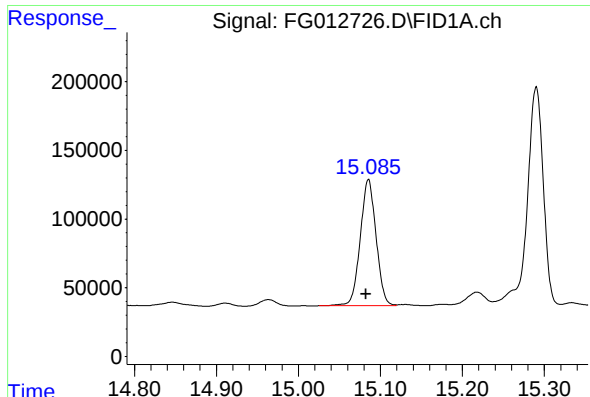
#7 N-EICOSANE

R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 2094866
Conc: 16.29 ug/ml



#8 N-DOCOSANE

R.T.: 14.183 min
Delta R.T.: 0.000 min
Response: 2039761
Conc: 16.13 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.085 min
Delta R.T.: 0.003 min
Response: 1233753
Conc: 11.03 ug/ml

Instrument :

FID_G

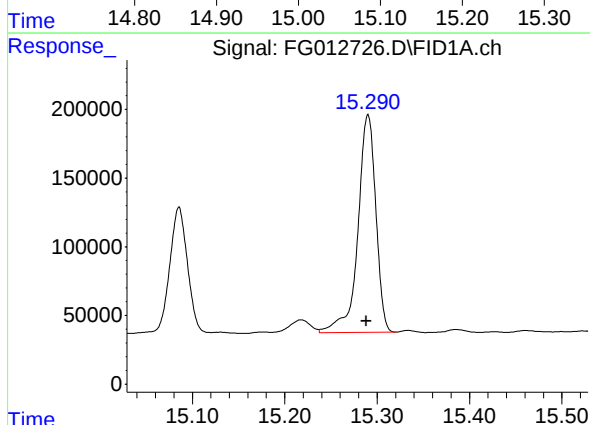
ClientSampleId :

WASTEMSD

Manual Integrations

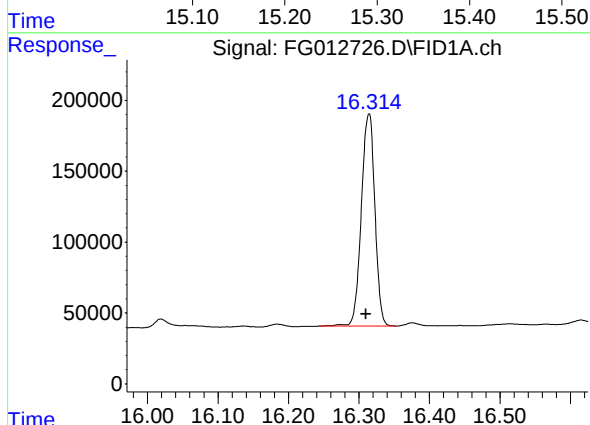
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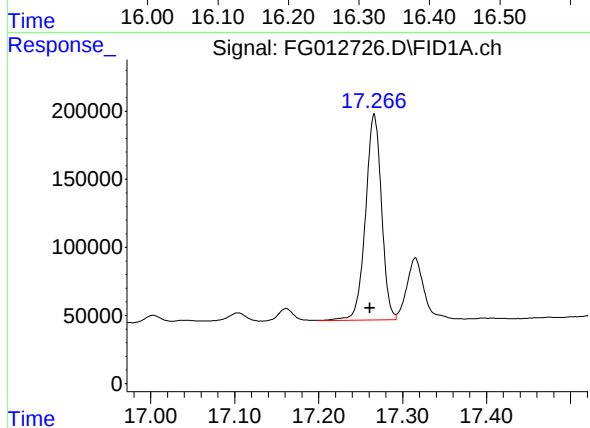
#10 N-TETRACOSANE

R.T.: 15.290 min
Delta R.T.: 0.002 min
Response: 2144739
Conc: 16.96 ug/ml



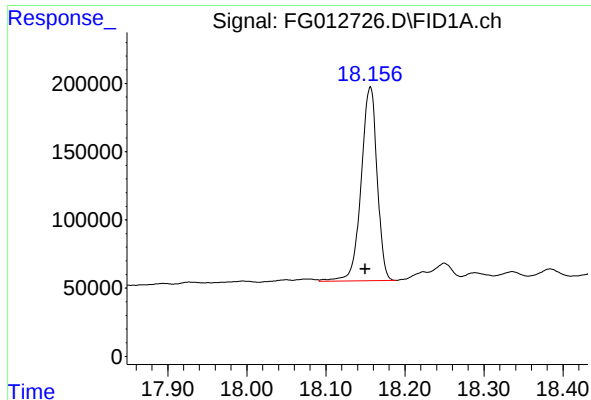
#11 N-HEXACOSANE

R.T.: 16.314 min
Delta R.T.: 0.004 min
Response: 1992632
Conc: 15.92 ug/ml



#12 N-OCTACOSANE

R.T.: 17.266 min
Delta R.T.: 0.005 min
Response: 1995860
Conc: 16.24 ug/ml



#13 N-TRIACONTANE

R.T.: 18.156 min
Delta R.T.: 0.006 min
Response: 1992125
Conc: 16.82 ug/ml

Instrument :

FID_G

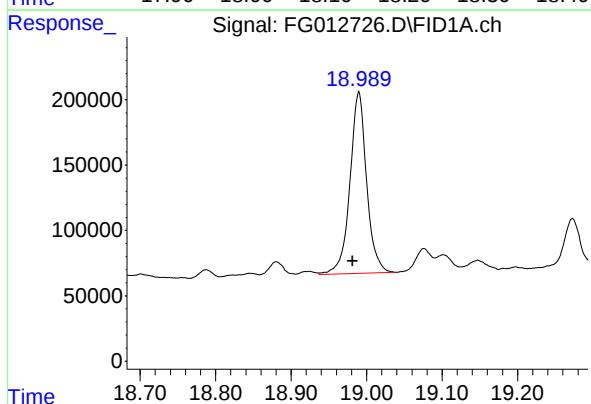
ClientSampleId :

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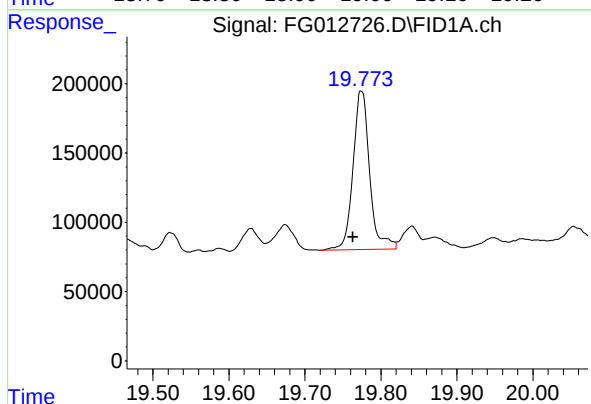
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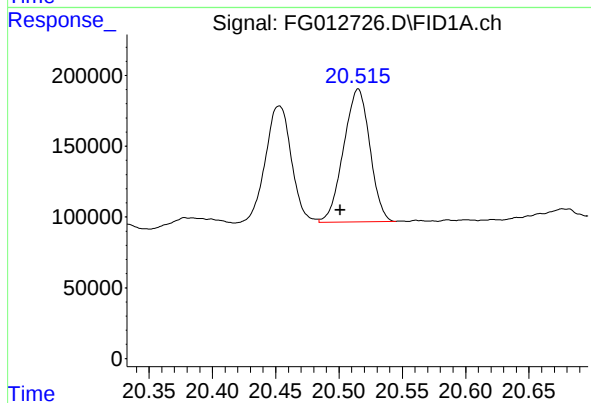
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: 0.008 min
Response: 2141010
Conc: 19.06 ug/ml



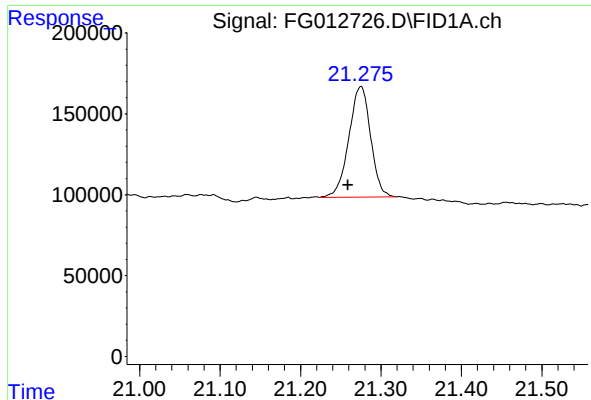
#15 N-TETRATRIACONTANE

R.T.: 19.774 min
Delta R.T.: 0.011 min
Response: 1747300
Conc: 18.45 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.515 min
Delta R.T.: 0.014 min
Response: 1355842
Conc: 16.71 ug/ml m



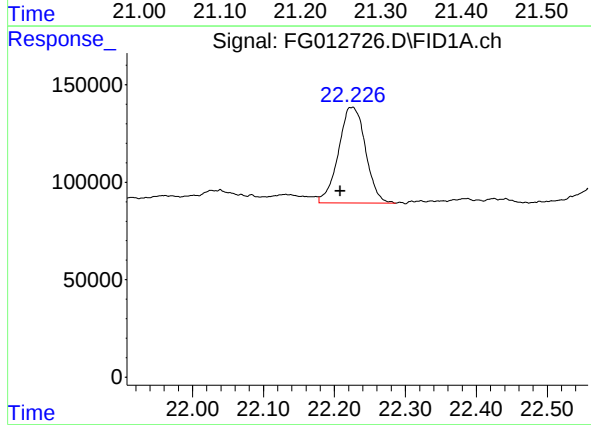
#17 N-OCTATRIACONTANE

R.T.: 21.275 min
Delta R.T.: 0.016 min
Response: 1286753
Conc: 17.82 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.226 min
Delta R.T.: 0.018 min
Response: 1301674
Conc: 18.68 ug/ml