

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062824\
 Data File : FG013910.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 16:03
 Operator : YP\AJ
 Sample : PB161822BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB161822BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 01:39:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062524.M
 Quant Title :
 QLast Update : Tue Jun 25 12:42:41 2024
 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...	14.957	1877637	17.356 ug/ml
Target Compounds			
1) N-OCTANE	1.973	1820062	15.265 ug/ml
2) N-DECANE	4.480	2296536	19.190 ug/ml
3) N-DODECANE	6.651	2426419	19.833 ug/ml
4) N-TETRADECANE	8.483	2478406	20.141 ug/mlm
5) N-HEXADECANE	10.095	2572561	20.618 ug/ml
6) N-OCTADECANE	11.540	2637411	20.815 ug/ml
7) N-EICOSANE	12.854	2660737	20.901 ug/ml
8) N-DOCOSANE	14.055	2590803	21.101 ug/ml
10) N-TETRACOSANE	15.161	2563778	21.167 ug/ml
11) N-HEXACOSANE	16.185	2533868	21.200 ug/ml
12) N-OCTACOSANE	17.136	2522624	21.432 ug/ml
13) N-TRIACONTANE	18.027	2683333	22.433 ug/ml
14) N-DOTRIACONTANE	18.861	2667549	22.730 ug/ml
15) N-TETRATRIACONTANE	19.647	2271190	20.557 ug/ml
16) N-HEXATRIACONTANE	20.387	1702292	16.913 ug/ml
17) N-OCTATRIACONTANE	21.121	1316545	14.256 ug/ml
18) N-TETRACONTANE	22.023	1020188	12.233 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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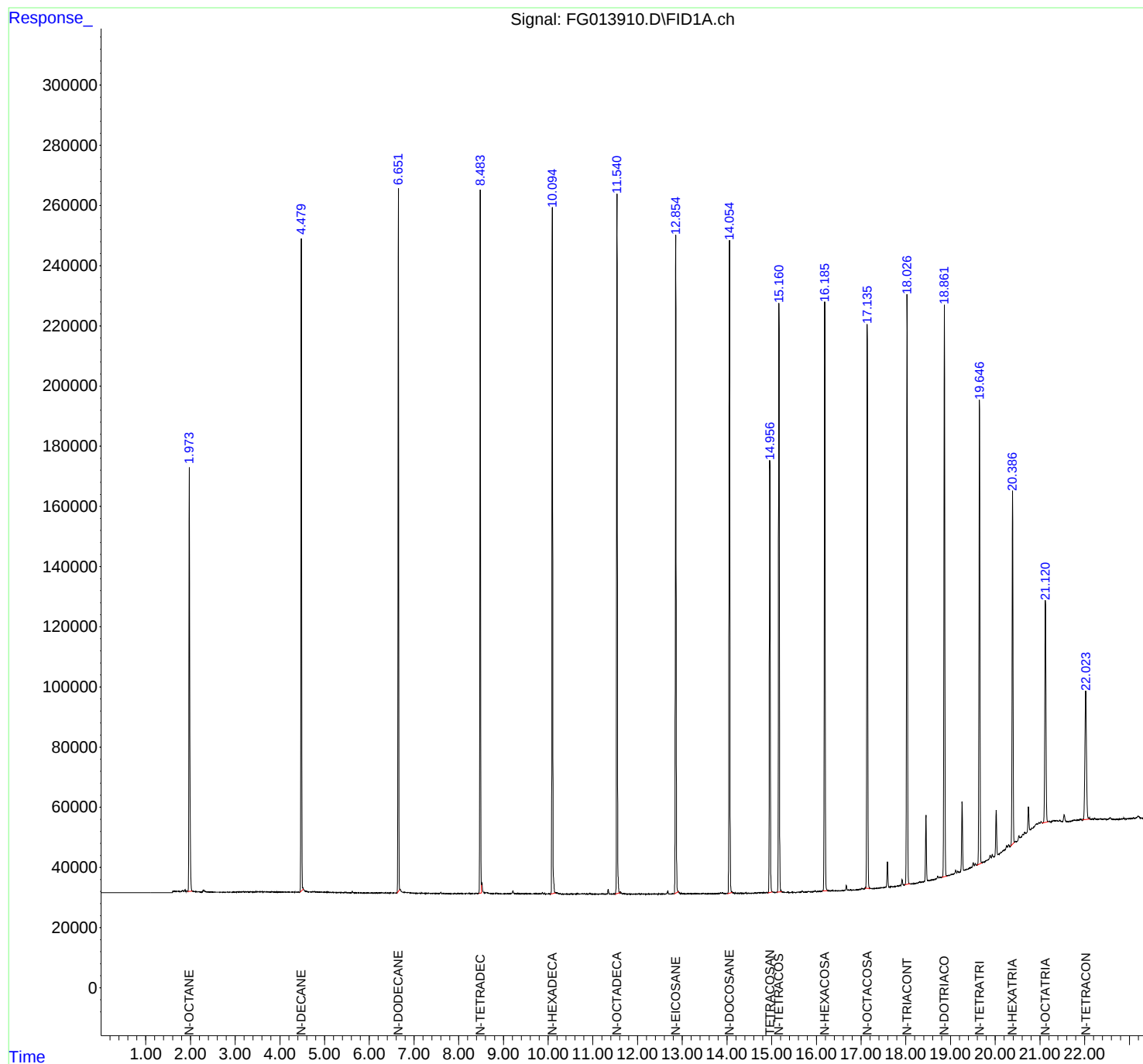
APPROVED

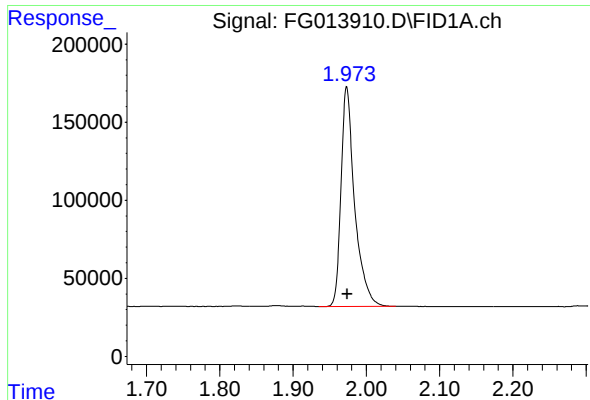
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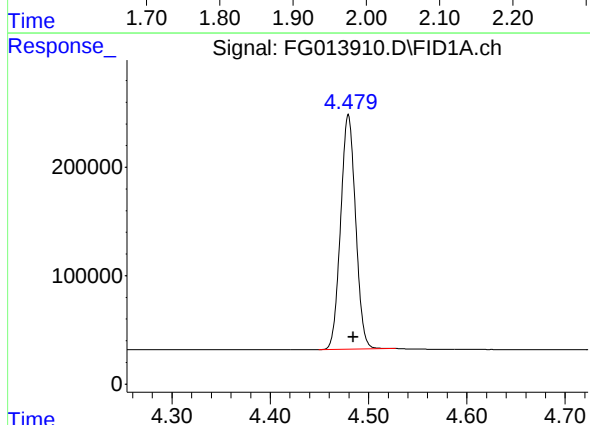
#1 N-OCTANE

R.T.: 1.973 min
Delta R.T.: 0.000 min
Response: 1820062
Conc: 15.26 ug/ml

Instrument :
FID_G
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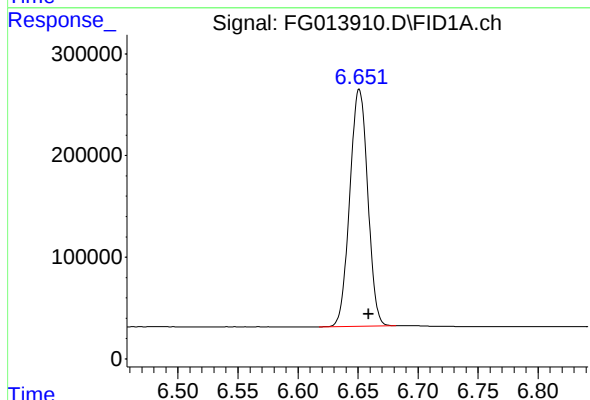
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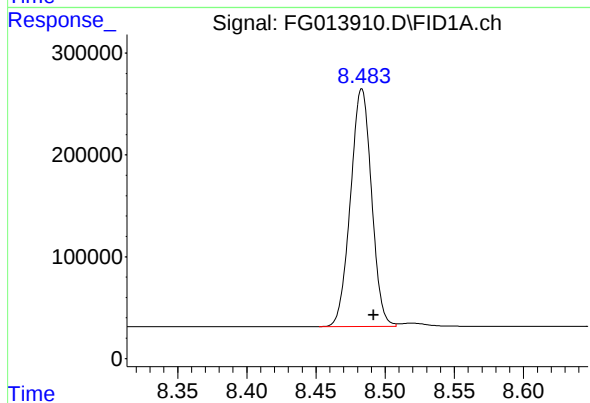
#2 N-DECANE

R.T.: 4.480 min
Delta R.T.: -0.005 min
Response: 2296536
Conc: 19.19 ug/ml



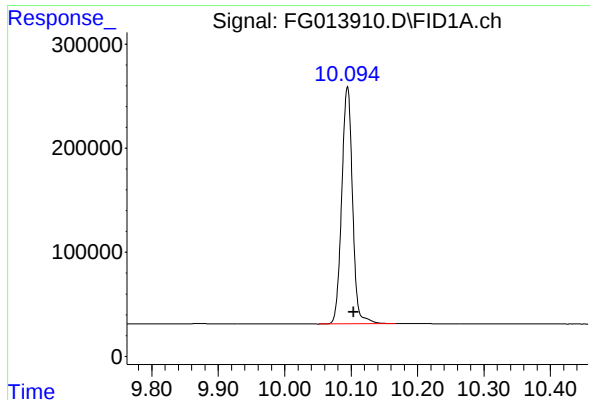
#3 N-DODECANE

R.T.: 6.651 min
Delta R.T.: -0.008 min
Response: 2426419
Conc: 19.83 ug/ml



#4 N-TETRADECANE

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 2478406
Conc: 20.14 ug/ml m



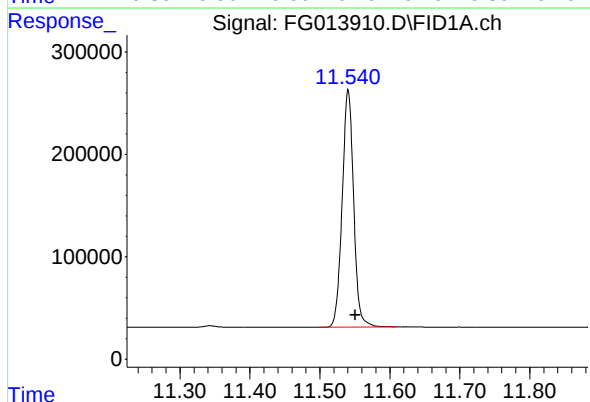
#5 N-HEXADECANE

R.T.: 10.095 min
Delta R.T.: -0.009 min
Response: 2572561
Conc: 20.62 ug/ml

Instrument :
FID_G
ClientSampleId :
PB161822BS

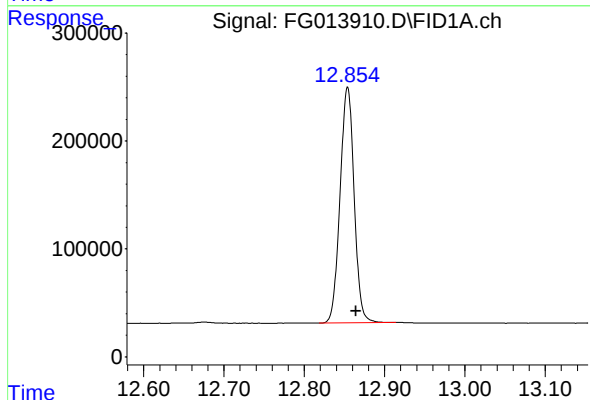
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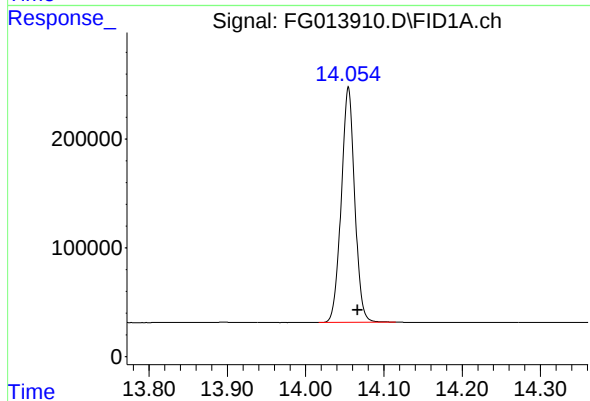
#6 N-OCTADECANE

R.T.: 11.540 min
Delta R.T.: -0.010 min
Response: 2637411
Conc: 20.82 ug/ml



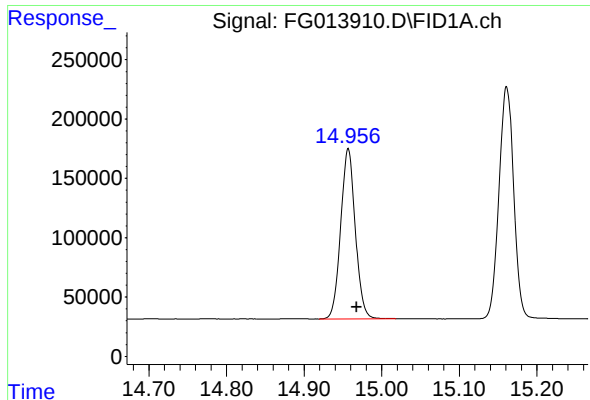
#7 N-EICOSANE

R.T.: 12.854 min
Delta R.T.: -0.010 min
Response: 2660737
Conc: 20.90 ug/ml



#8 N-DOCOSANE

R.T.: 14.055 min
Delta R.T.: -0.012 min
Response: 2590803
Conc: 21.10 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.957 min
Delta R.T.: -0.010 min
Response: 1877637
Conc: 17.36 ug/ml

Instrument :

FID_G

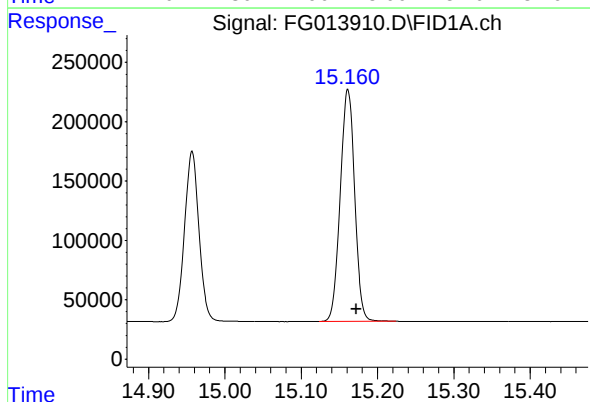
ClientSampleId :

PB161822BS

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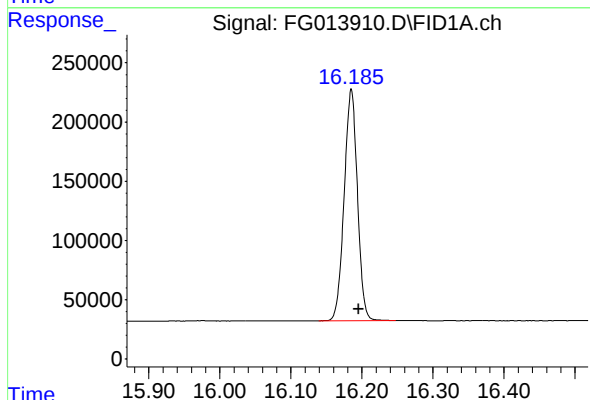
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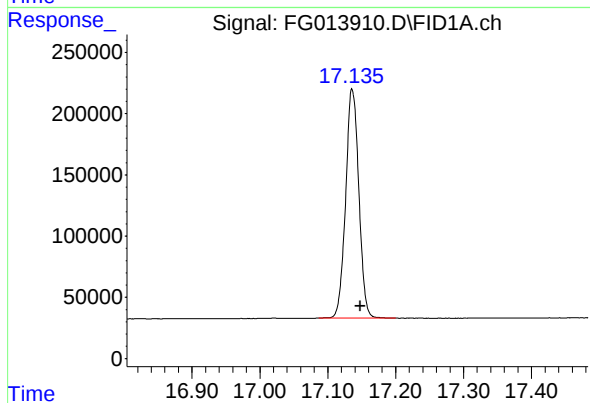
#10 N-TETRACOSANE

R.T.: 15.161 min
Delta R.T.: -0.011 min
Response: 2563778
Conc: 21.17 ug/ml



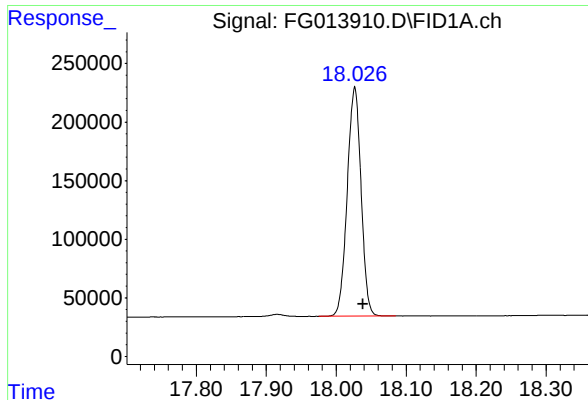
#11 N-HEXACOSANE

R.T.: 16.185 min
Delta R.T.: -0.011 min
Response: 2533868
Conc: 21.20 ug/ml



#12 N-OCTACOSANE

R.T.: 17.136 min
Delta R.T.: -0.012 min
Response: 2522624
Conc: 21.43 ug/ml



#13 N-TRIACONTANE

R.T.: 18.027 min
Delta R.T.: -0.011 min
Response: 2683333
Conc: 22.43 ug/ml

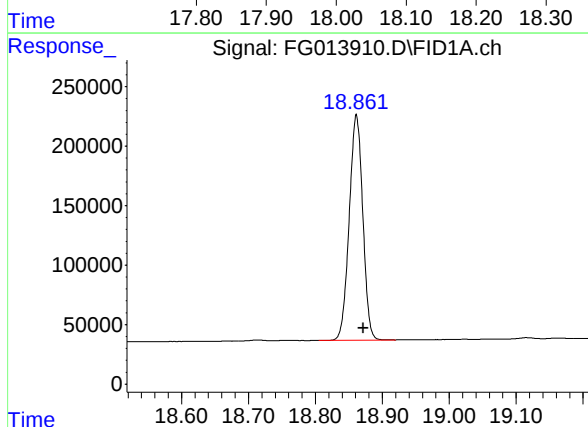
Instrument :

FID_G

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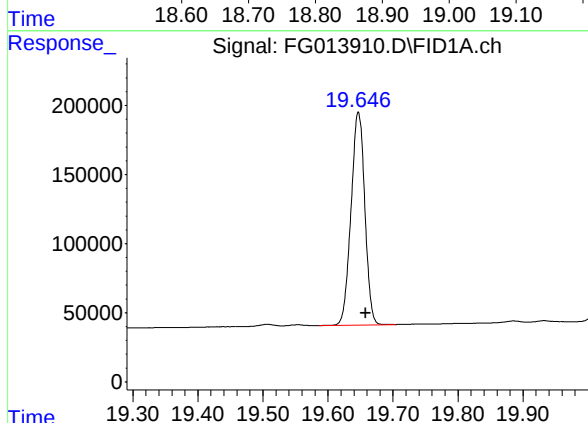
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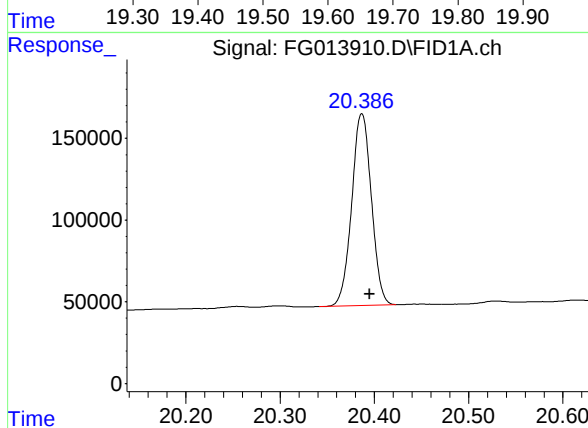
#14 N-DOTRIACONTANE

R.T.: 18.861 min
Delta R.T.: -0.010 min
Response: 2667549
Conc: 22.73 ug/ml



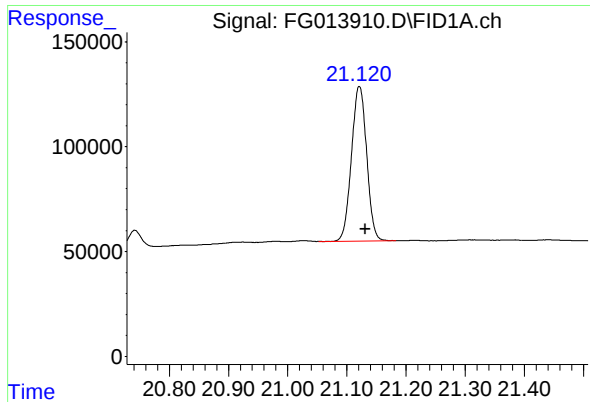
#15 N-TETRATRIACONTANE

R.T.: 19.647 min
Delta R.T.: -0.011 min
Response: 2271190
Conc: 20.56 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.387 min
Delta R.T.: -0.008 min
Response: 1702292
Conc: 16.91 ug/ml



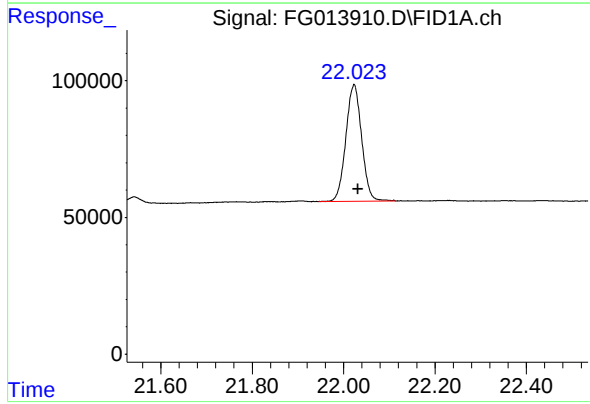
#17 N-OCTATRIACONTANE

R.T.: 21.121 min
Delta R.T.: -0.010 min
Response: 1316545
Conc: 14.26 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.023 min
Delta R.T.: -0.009 min
Response: 1020188
Conc: 12.23 ug/ml