

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071223\
 Data File : FG012370.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2023 14:27
 Operator : YP\AJ
 Sample : 03522-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :Ankita Jodhani 07/13/2023

Integration File: autoint1.e
 Quant Time: Jul 13 01:17:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 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...	14.982	1336923	12.510 ug/mlm
Target Compounds			
1) N-OCTANE	2.015	1855921	15.447 ug/ml
2) N-DECANE	4.522	2445941	20.067 ug/ml
3) N-DODECANE	6.691	2579739	21.058 ug/ml
4) N-TETRADECANE	8.519	2501248	21.048 ug/ml
5) N-HEXADECANE	10.127	2661512	21.226 ug/ml
6) N-OCTADECANE	11.572	2962345	23.061 ug/ml
7) N-EICOSANE	12.882	2720989	21.542 ug/ml
8) N-DOCOSANE	14.082	2720456	22.141 ug/ml
10) N-TETRACOSANE	15.187	2987442	22.581 ug/ml
11) N-HEXACOSANE	16.208	2603869	22.251 ug/ml
12) N-OCTACOSANE	17.159	2657085	23.272 ug/ml
13) N-TRIACONTANE	18.048	2805511	25.299 ug/ml
14) N-DOTRIACONTANE	18.882	3218793	30.797 ug/ml
15) N-TETRATRIACONTANE	19.668	3562866	36.185 ug/mlm
16) N-HEXATRIACONTANE	20.411	4183018	45.225 ug/ml
17) N-OCTATRIACONTANE	21.148	4640790	52.043 ug/ml
18) N-TETRACONTANE	22.057	4863597	54.785 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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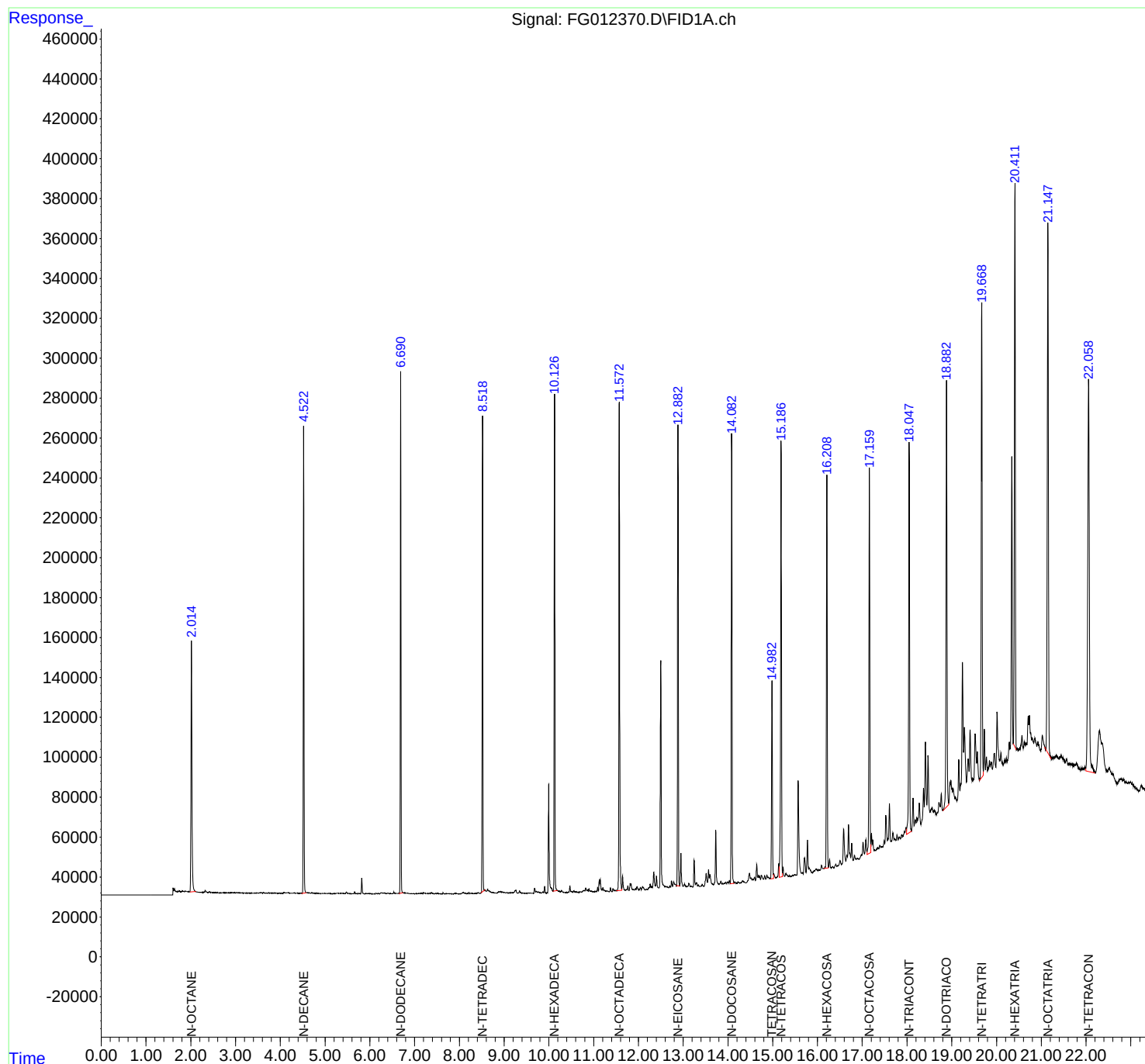
APPROVED

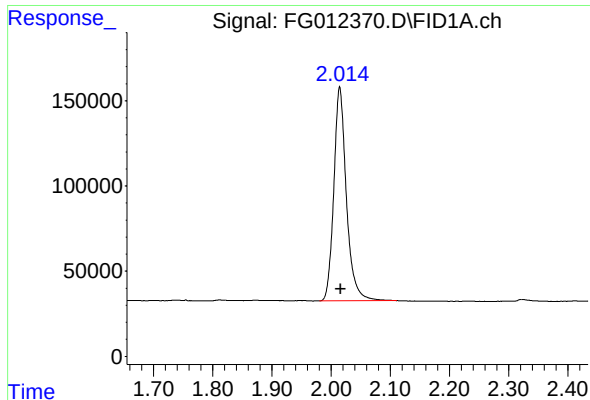
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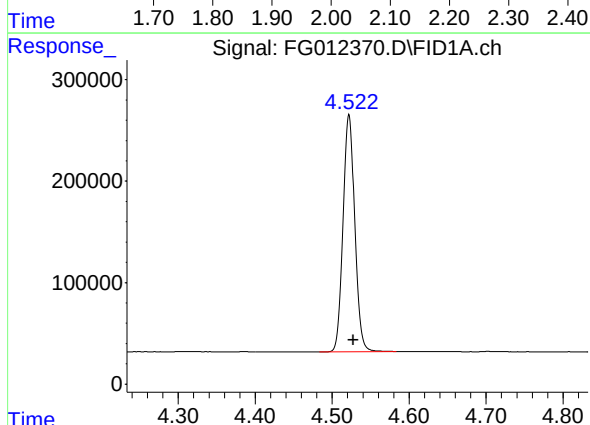
#1 N-OCTANE

R.T.: 2.015 min
Delta R.T.: -0.001 min
Response: 1855921
Conc: 15.45 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

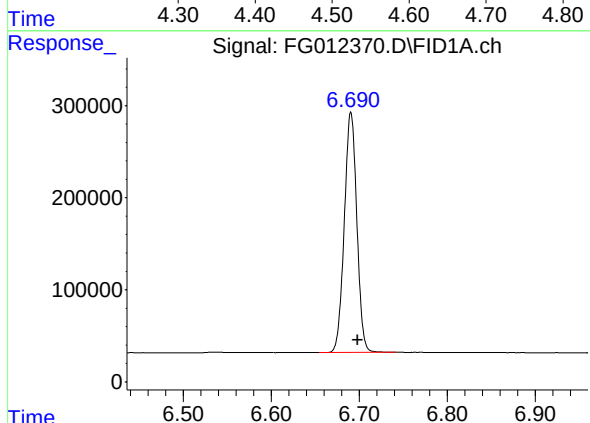
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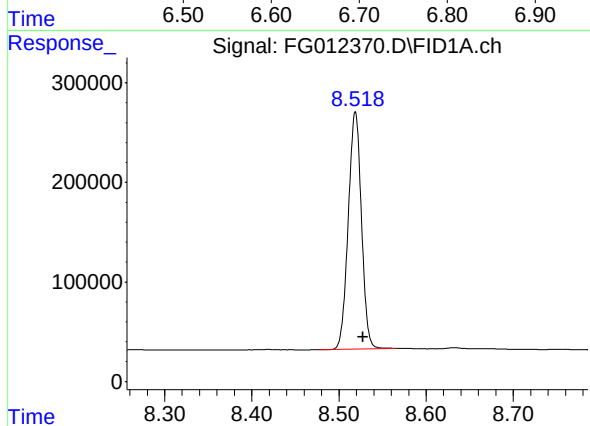
#2 N-DECANE

R.T.: 4.522 min
Delta R.T.: -0.006 min
Response: 2445941
Conc: 20.07 ug/ml



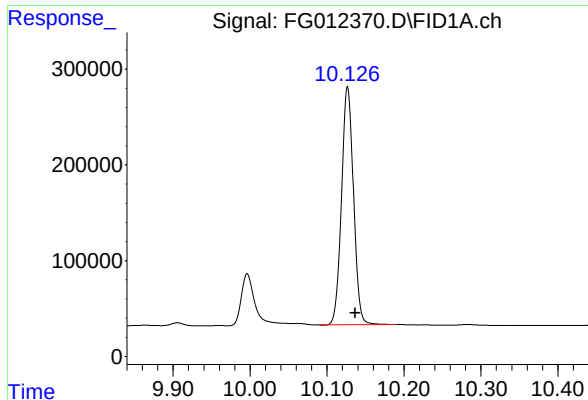
#3 N-DODECANE

R.T.: 6.691 min
Delta R.T.: -0.008 min
Response: 2579739
Conc: 21.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.519 min
Delta R.T.: -0.008 min
Response: 2501248
Conc: 21.05 ug/ml



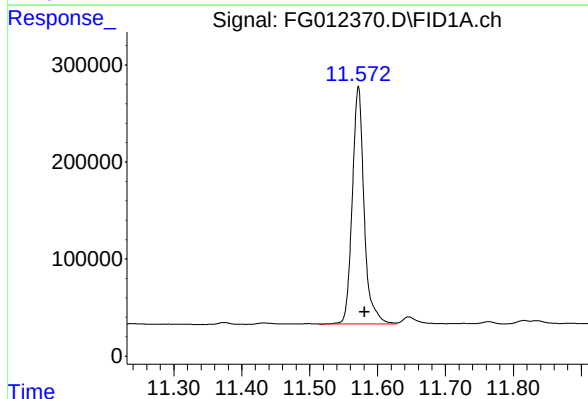
#5 N-HEXADECANE

R.T.: 10.127 min
Delta R.T.: -0.010 min
Response: 2661512
Conc: 21.23 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

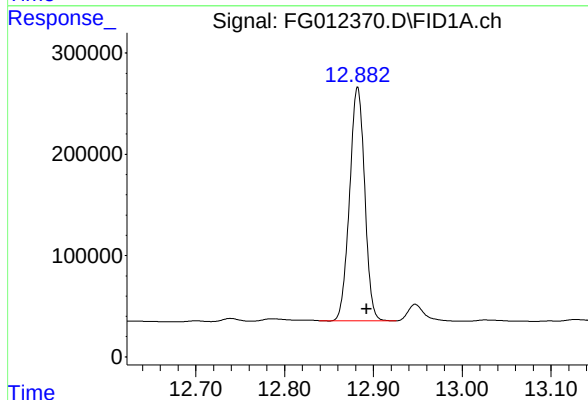
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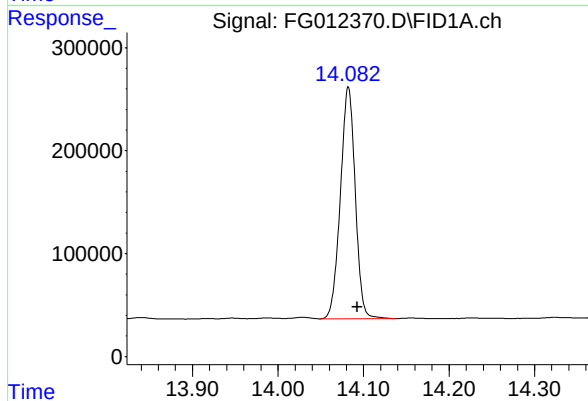
#6 N-OCTADECANE

R.T.: 11.572 min
Delta R.T.: -0.009 min
Response: 2962345
Conc: 23.06 ug/ml



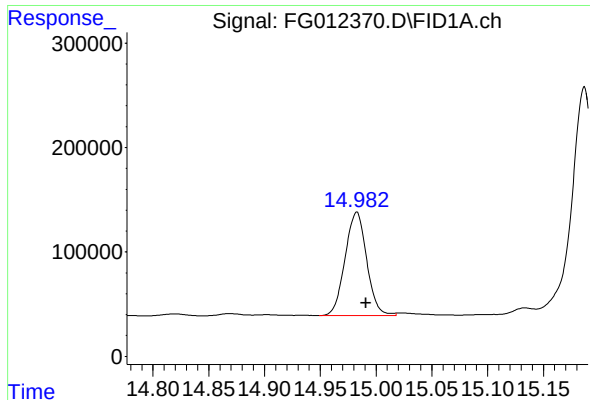
#7 N-EICOSANE

R.T.: 12.882 min
Delta R.T.: -0.010 min
Response: 2720989
Conc: 21.54 ug/ml



#8 N-DOCOSANE

R.T.: 14.082 min
Delta R.T.: -0.010 min
Response: 2720456
Conc: 22.14 ug/ml



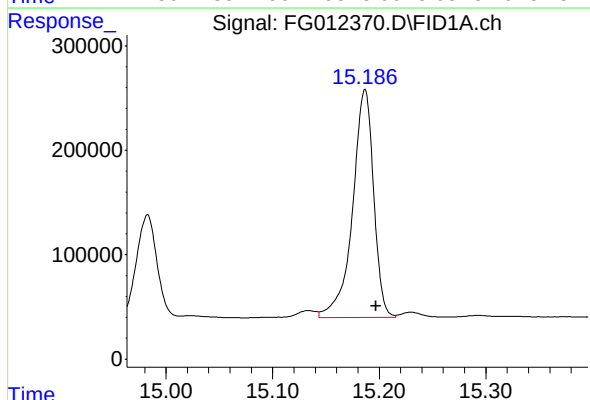
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.982 min
Delta R.T.: -0.009 min
Response: 1336923
Conc: 12.51 ug/ml

Instrument :
FID_G
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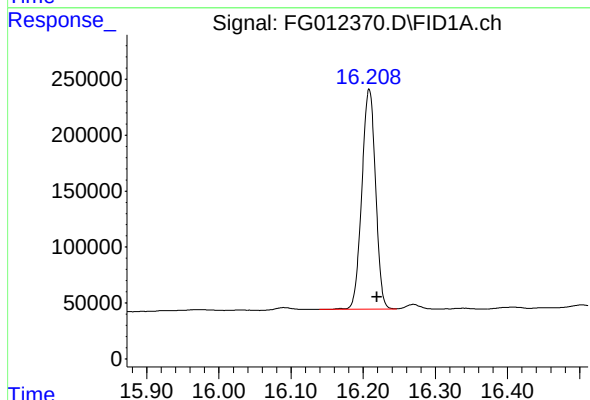
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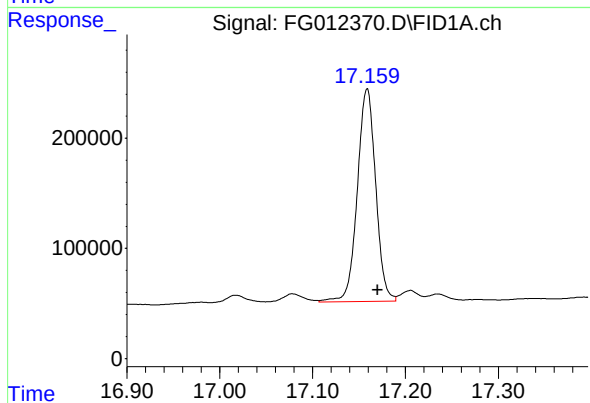
#10 N-TETRACOSANE

R.T.: 15.187 min
Delta R.T.: -0.010 min
Response: 2987442
Conc: 22.58 ug/ml



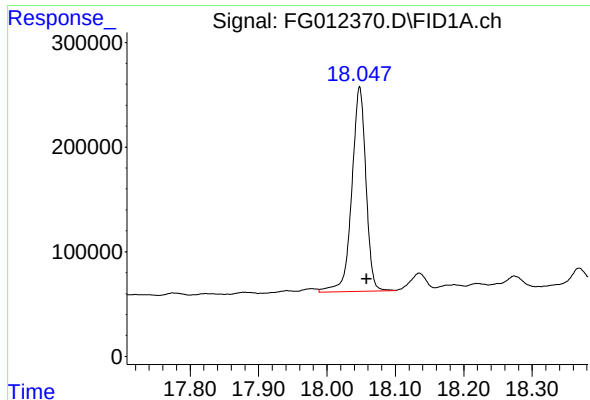
#11 N-HEXACOSANE

R.T.: 16.208 min
Delta R.T.: -0.011 min
Response: 2603869
Conc: 22.25 ug/ml



#12 N-OCTACOSANE

R.T.: 17.159 min
Delta R.T.: -0.011 min
Response: 2657085
Conc: 23.27 ug/ml



#13 N-TRIACONTANE

R.T.: 18.048 min
Delta R.T.: -0.011 min
Response: 2805511
Conc: 25.30 ug/ml

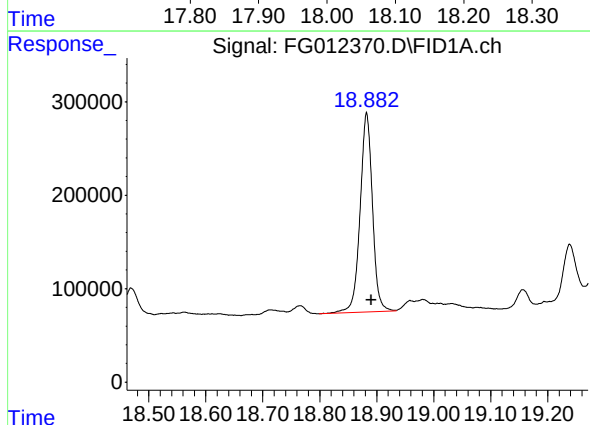
Instrument :

FID_G

ClientSampleId :
WASTEMS

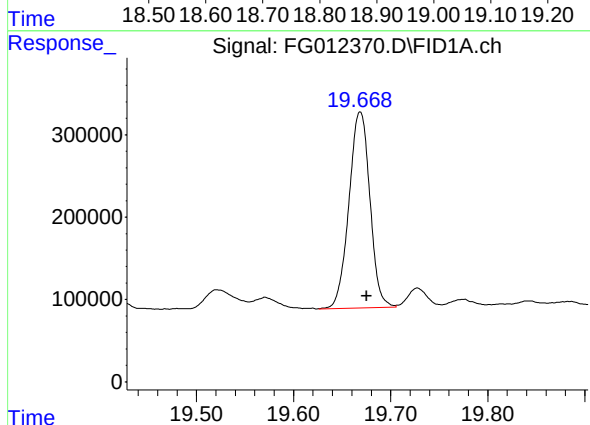
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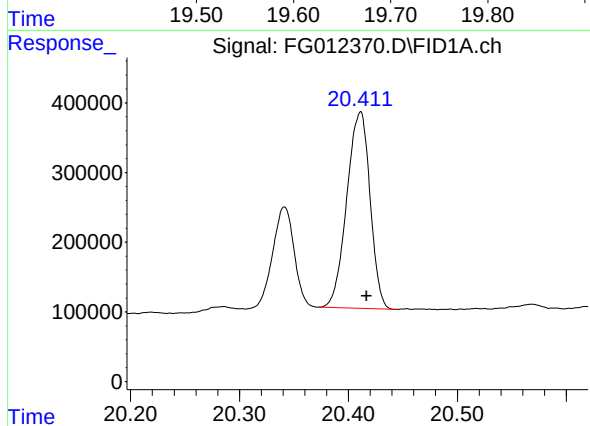
#14 N-DOTRIACONTANE

R.T.: 18.882 min
Delta R.T.: -0.008 min
Response: 3218793
Conc: 30.80 ug/ml



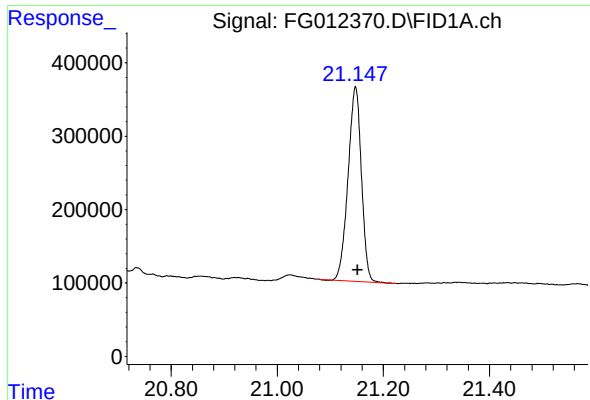
#15 N-TETRATRIACONTANE

R.T.: 19.668 min
Delta R.T.: -0.007 min
Response: 3562866
Conc: 36.18 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.411 min
Delta R.T.: -0.006 min
Response: 4183018
Conc: 45.22 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.148 min
Delta R.T.: -0.004 min
Response: 4640790
Conc: 52.04 ug/ml

Instrument :

FID_G

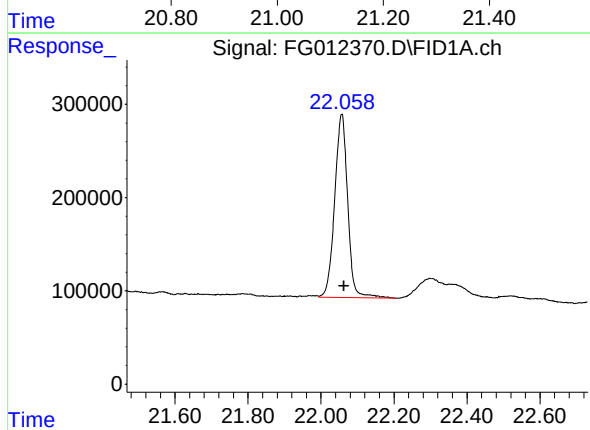
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.057 min
Delta R.T.: -0.006 min
Response: 4863597
Conc: 54.78 ug/ml