

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072123\
 Data File : FG012552.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 23:56
 Operator : YP\AJ
 Sample : 03660-01MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :Ankita Jodhani 07/24/2023

Integration File: autoint1.e
 Quant Time: Jul 22 02:22:08 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...	14.975	1687850	15.794 ug/ml
Target Compounds			
1) N-OCTANE	2.003	2609124	21.716 ug/mlm
2) N-DECANE	4.513	2923636	23.986 ug/ml
3) N-DODECANE	6.682	2898041	23.656 ug/ml
4) N-TETRADECANE	8.511	2740165	23.059 ug/ml
5) N-HEXADECANE	10.121	2803184	22.356 ug/ml
6) N-OCTADECANE	11.564	2988447	23.264 ug/ml
7) N-EICOSANE	12.876	2854022	22.595 ug/ml
8) N-DOCOSANE	14.075	2848385	23.182 ug/ml
10) N-TETRACOSANE	15.180	3939414	29.777 ug/ml
11) N-HEXACOSANE	16.203	2766663	23.642 ug/ml
12) N-OCTACOSANE	17.156	3174903	27.807 ug/ml
13) N-TRIACONTANE	18.045	3237583	29.196 ug/ml
14) N-DOTRIACONTANE	18.881	3139851	30.041 ug/ml
15) N-TETRATRIACONTANE	19.666	2798239	28.419 ug/ml
16) N-HEXATRIACONTANE	20.408	2462555	26.624 ug/ml
17) N-OCTATRIACONTANE	21.144	2362708	26.496 ug/ml
18) N-TETRACONTANE	22.052	2389830	26.920 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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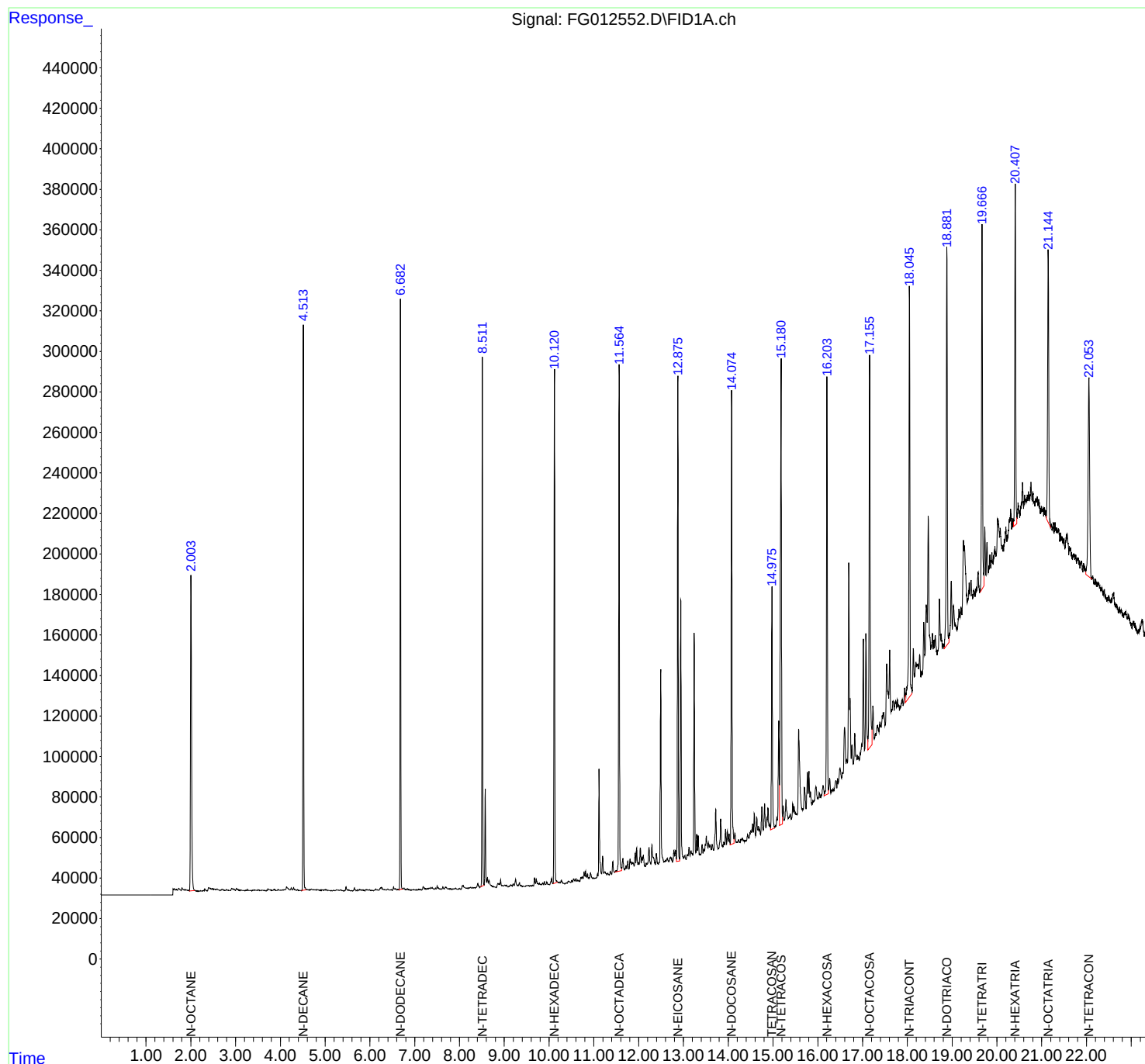
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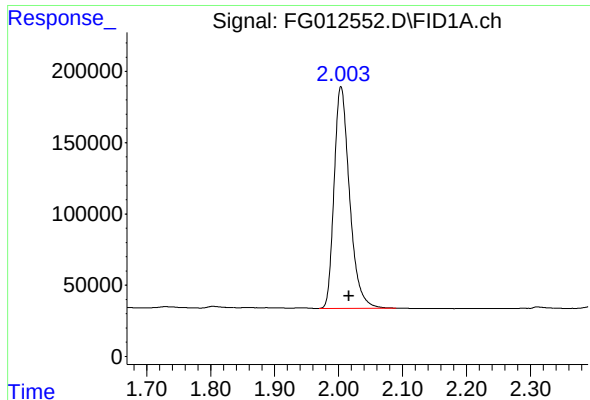
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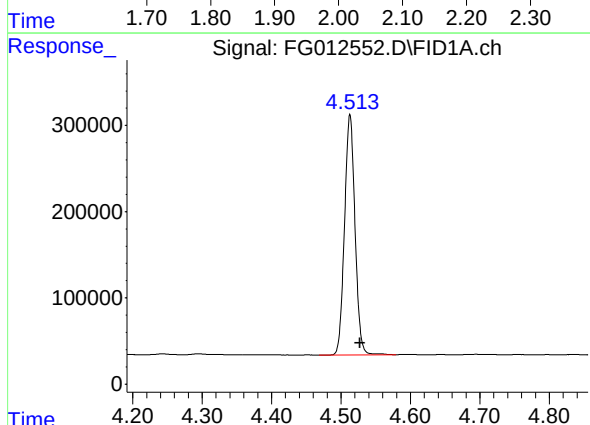
#1 N-OCTANE

R.T.: 2.003 min
Delta R.T.: -0.013 min
Response: 2609124
Conc: 21.72 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

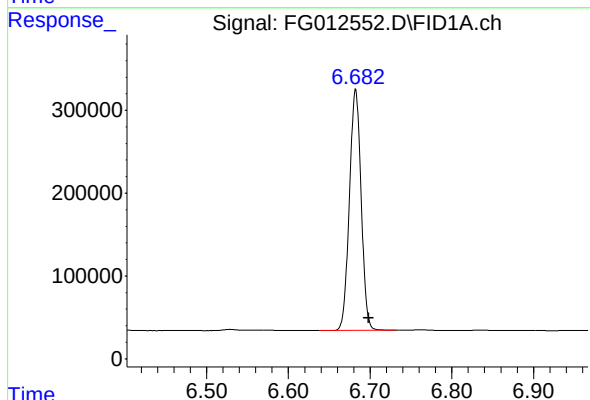
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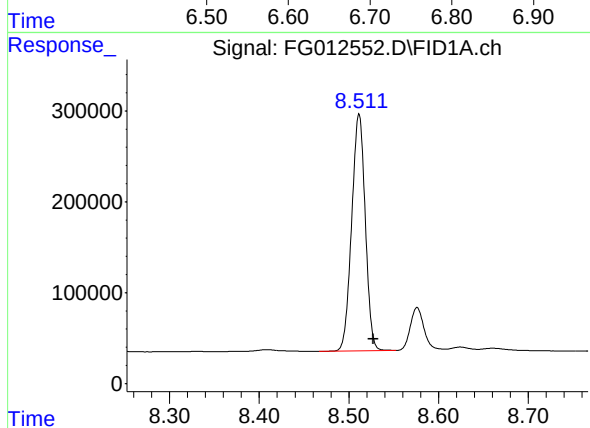
#2 N-DECANE

R.T.: 4.513 min
Delta R.T.: -0.015 min
Response: 2923636
Conc: 23.99 ug/ml



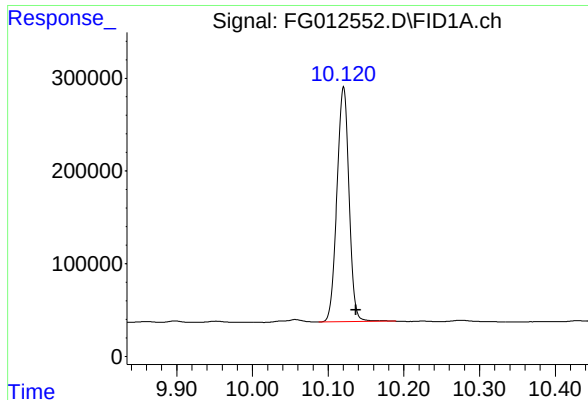
#3 N-DODECANE

R.T.: 6.682 min
Delta R.T.: -0.016 min
Response: 2898041
Conc: 23.66 ug/ml



#4 N-TETRADECANE

R.T.: 8.511 min
Delta R.T.: -0.016 min
Response: 2740165
Conc: 23.06 ug/ml



#5 N-HEXADECANE

R.T.: 10.121 min
Delta R.T.: -0.016 min
Response: 2803184
Conc: 22.36 ug/ml

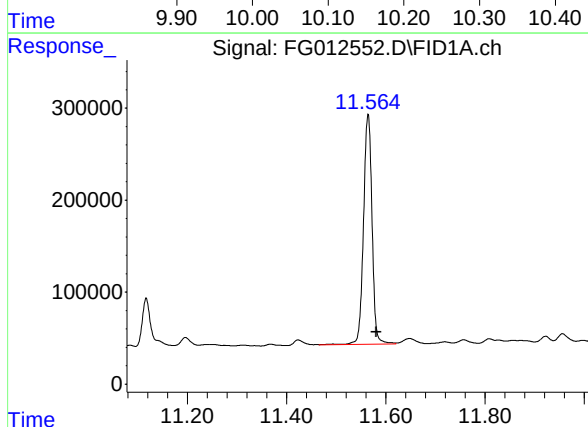
Instrument :

FID_G

ClientSampleId :
WASTEMS

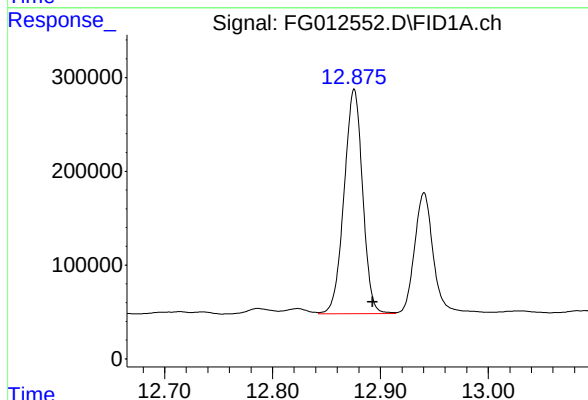
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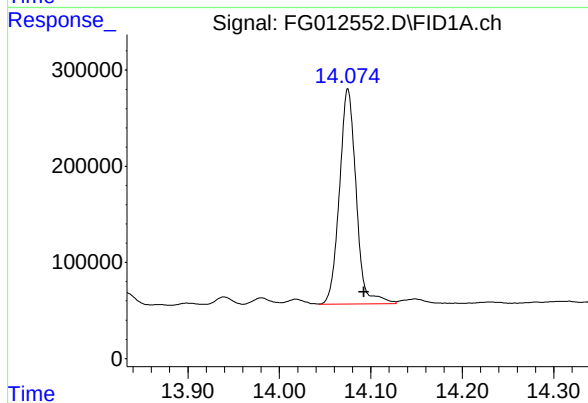
#6 N-OCTADECANE

R.T.: 11.564 min
Delta R.T.: -0.017 min
Response: 2988447
Conc: 23.26 ug/ml



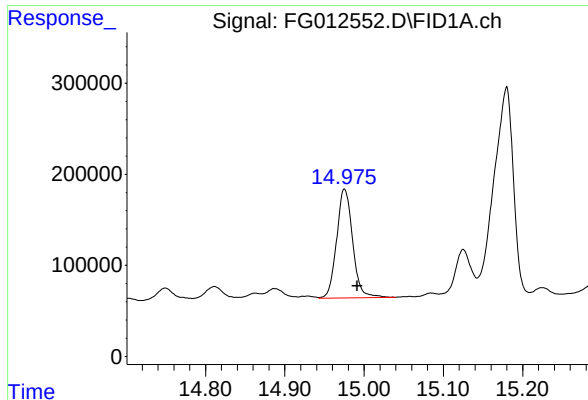
#7 N-EICOSANE

R.T.: 12.876 min
Delta R.T.: -0.017 min
Response: 2854022
Conc: 22.59 ug/ml



#8 N-DOCOSANE

R.T.: 14.075 min
Delta R.T.: -0.018 min
Response: 2848385
Conc: 23.18 ug/ml



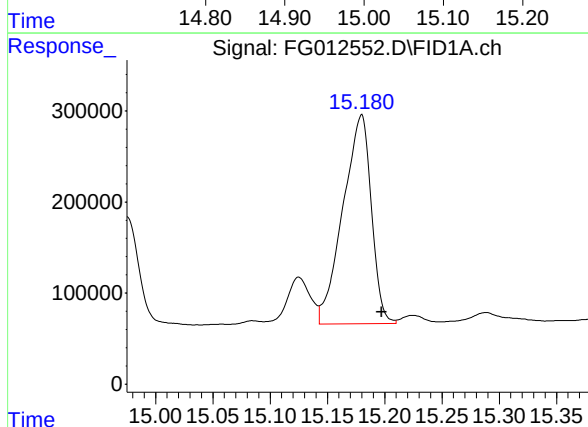
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.975 min
Delta R.T.: -0.016 min
Response: 1687850
Conc: 15.79 ug/ml

Instrument :
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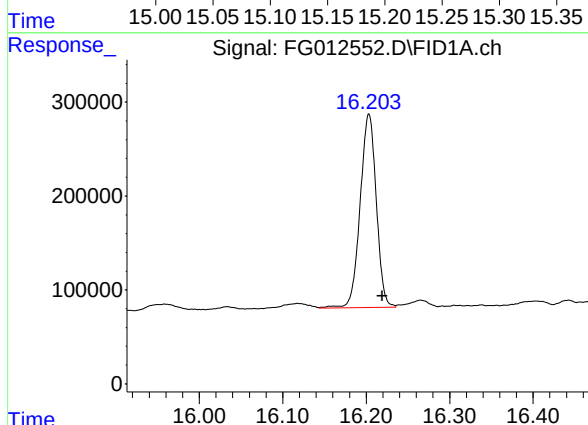
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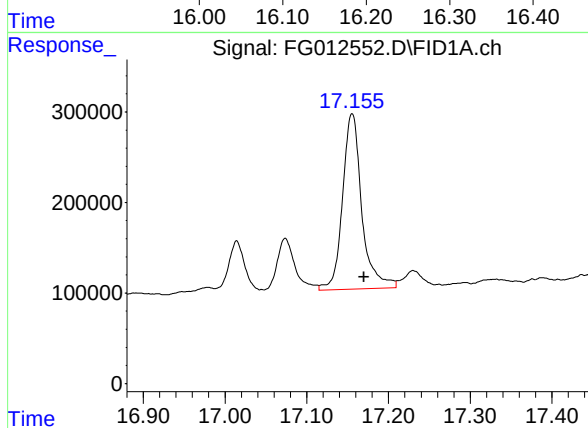
#10 N-TETRACOSANE

R.T.: 15.180 min
Delta R.T.: -0.017 min
Response: 3939414
Conc: 29.78 ug/ml



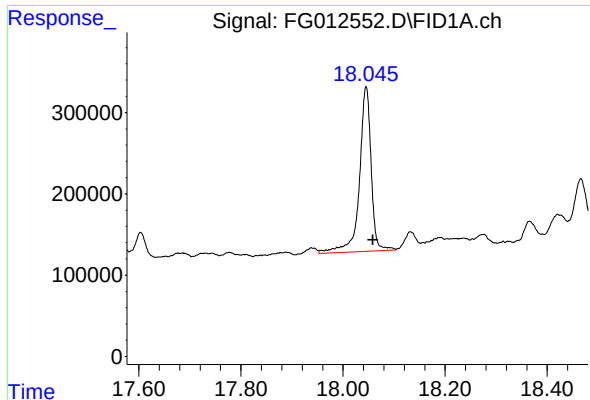
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: -0.016 min
Response: 2766663
Conc: 23.64 ug/ml



#12 N-OCTACOSANE

R.T.: 17.156 min
Delta R.T.: -0.014 min
Response: 3174903
Conc: 27.81 ug/ml



#13 N-TRIACONTANE

R.T.: 18.045 min
Delta R.T.: -0.013 min
Response: 3237583
Conc: 29.20 ug/ml

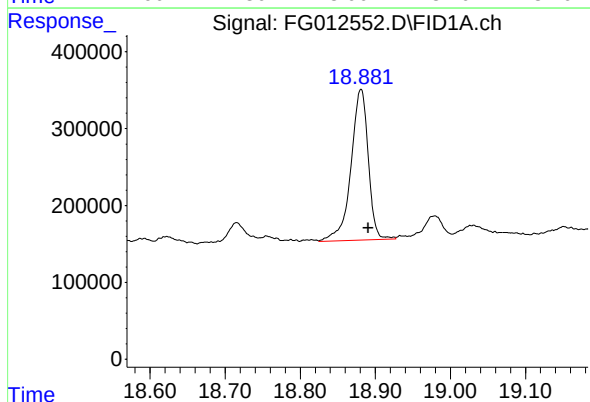
Instrument :

FID_G

ClientSampleId :
WASTEMS

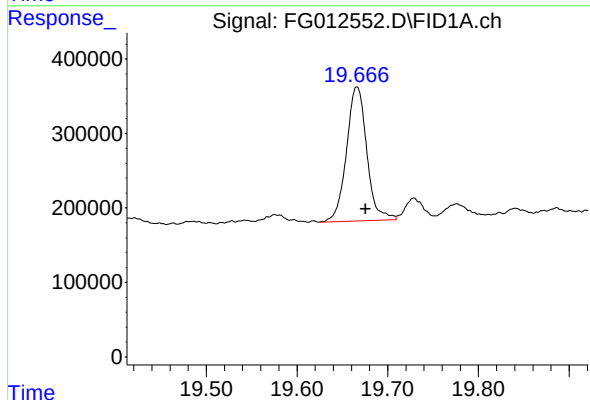
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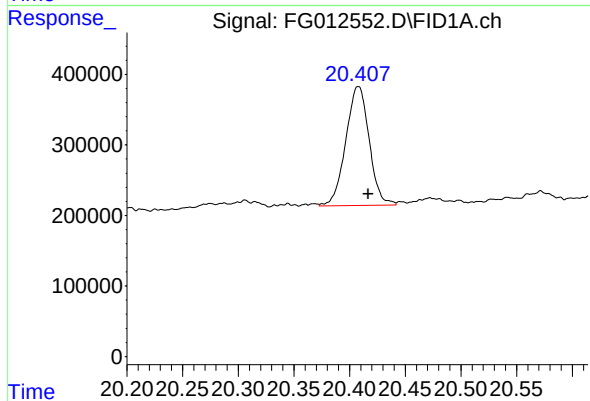
#14 N-DOTRIACONTANE

R.T.: 18.881 min
Delta R.T.: -0.010 min
Response: 3139851
Conc: 30.04 ug/ml



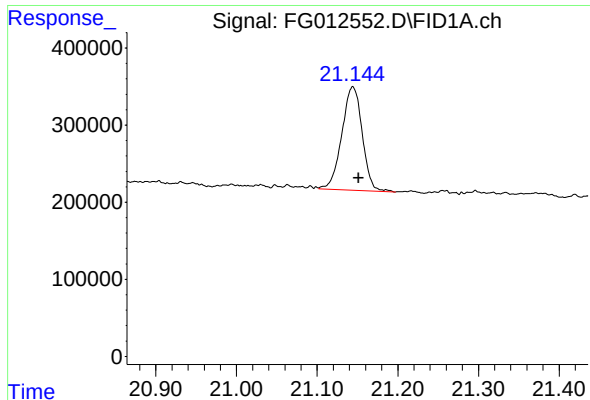
#15 N-TETRATRIACONTANE

R.T.: 19.666 min
Delta R.T.: -0.009 min
Response: 2798239
Conc: 28.42 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.408 min
Delta R.T.: -0.009 min
Response: 2462555
Conc: 26.62 ug/ml



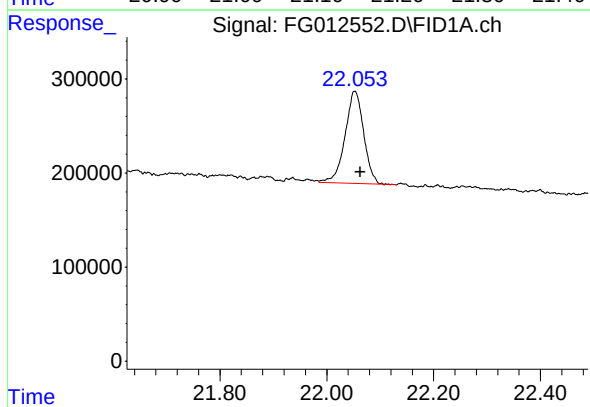
#17 N-OCTATRIACONTANE

R.T.: 21.144 min
Delta R.T.: -0.008 min
Response: 2362708
Conc: 26.50 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.052 min
Delta R.T.: -0.011 min
Response: 2389830
Conc: 26.92 ug/ml