

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082823\
 Data File : FG012789.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2023 11:26
 Operator : YP\AJ
 Sample : SP22510
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SP22510

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :Ankita Jodhani 08/29/2023

Integration File: autoint1.e
 Quant Time: Aug 29 04:13:03 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			
Target Compounds			
1) N-OCTANE	2.078	2165065	17.585 ug/ml
2) N-DECANE	4.598	2209015	17.389 ug/ml
3) N-DODECANE	6.771	2211302	17.216 ug/ml
4) N-TETRADECANE	8.603	2185891	16.968 ug/ml
5) N-HEXADECANE	10.216	2186769	16.856 ug/ml
6) N-OCTADECANE	11.663	2170701	16.550 ug/ml
7) N-EICOSANE	12.976	2112242	16.423 ug/ml
8) N-DOCOSANE	14.178	2033552	16.079 ug/ml
10) N-TETRACOSANE	15.284	1993319	15.762 ug/ml
11) N-HEXACOSANE	16.307	1935850	15.465 ug/ml
12) N-OCTACOSANE	17.258	1886052	15.346 ug/ml
13) N-TRIACONTANE	18.147	1876591	15.845 ug/ml
14) N-DOTRIACONTANE	18.981	1869741	16.649 ug/ml
15) N-TETRATRIACONTANE	19.765	1790761	18.905 ug/ml
16) N-HEXATRIACONTANE	20.506	1676303	20.657 ug/ml
17) N-OCTATRIACONTANE	21.262	1614942	22.363 ug/ml
18) N-TETRACONTANE	22.209	1667342	23.929 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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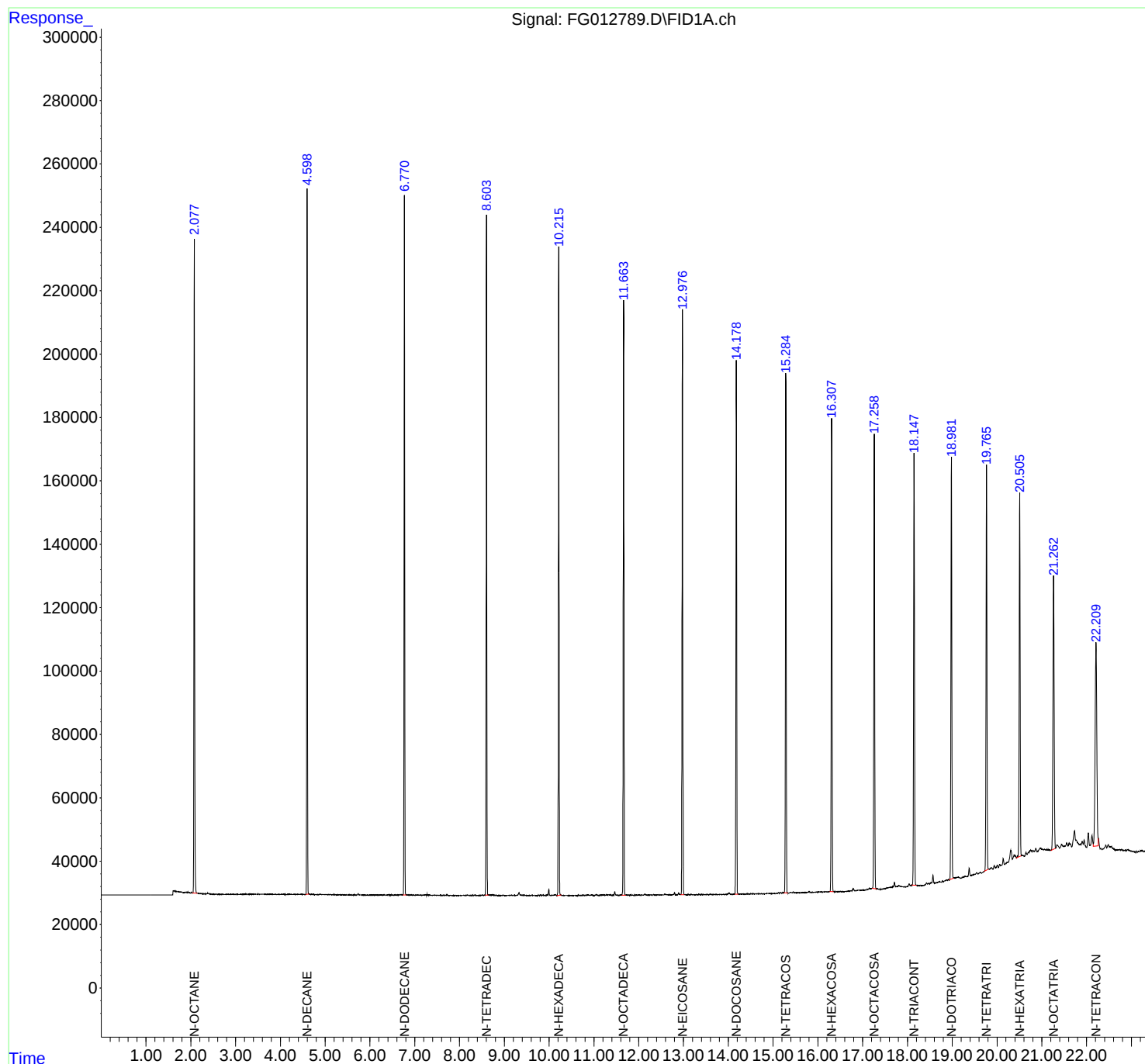
APPROVED

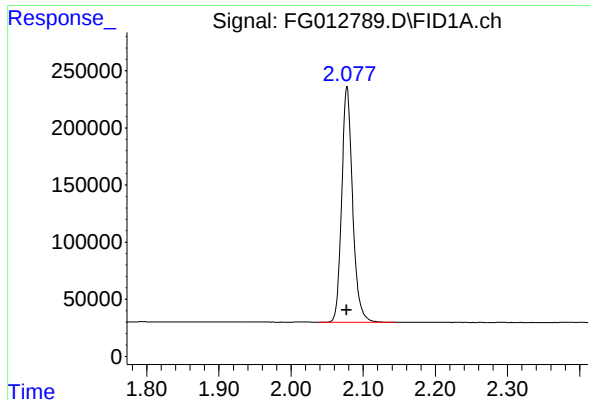
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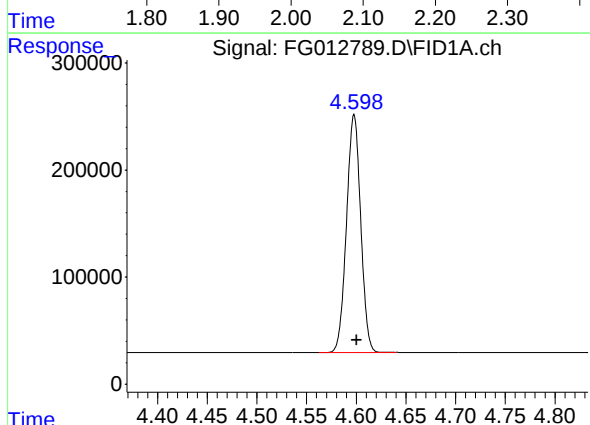
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: 0.000 min
Response: 2165065
Conc: 17.58 ug/ml

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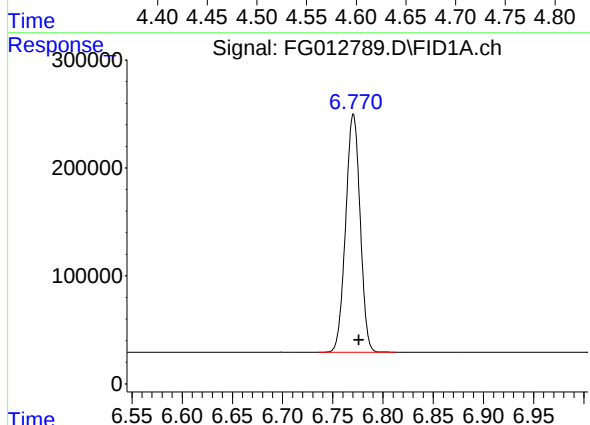
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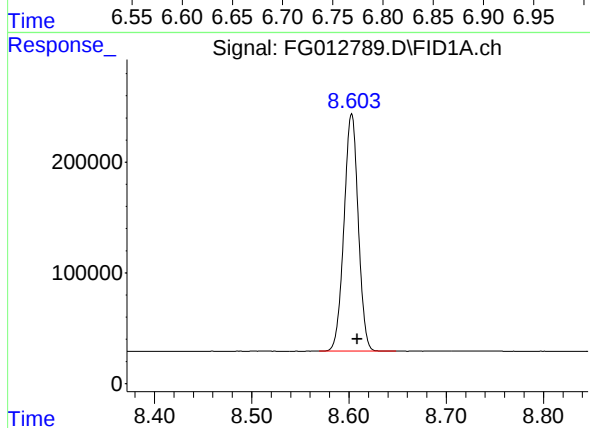
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 2209015
Conc: 17.39 ug/ml



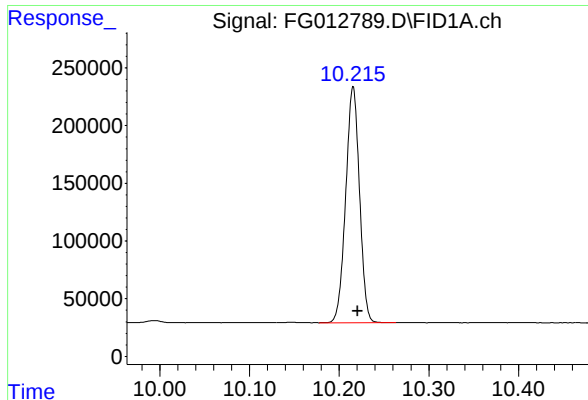
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: -0.006 min
Response: 2211302
Conc: 17.22 ug/ml



#4 N-TETRADECANE

R.T.: 8.603 min
Delta R.T.: -0.006 min
Response: 2185891
Conc: 16.97 ug/ml



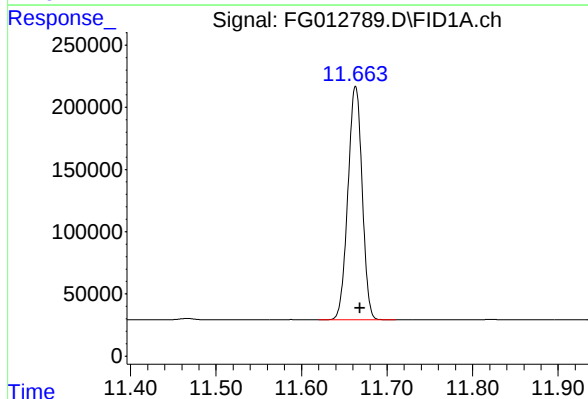
#5 N-HEXADECANE

R.T.: 10.216 min
Delta R.T.: -0.005 min
Response: 2186769
Conc: 16.86 ug/ml

Instrument :
FID_G
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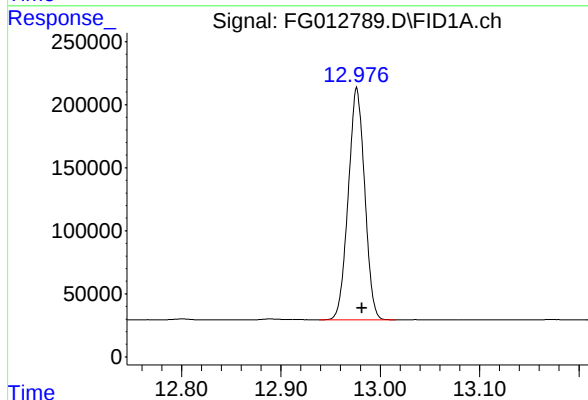
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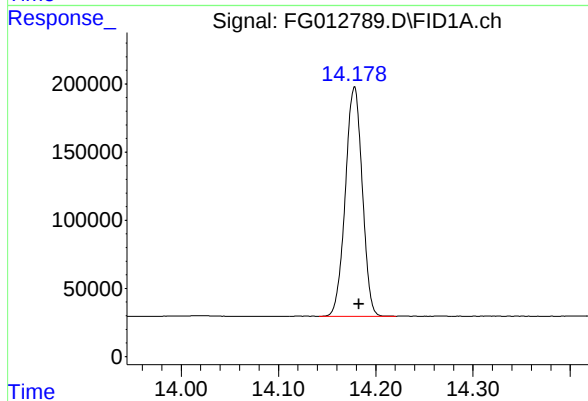
#6 N-OCTADECANE

R.T.: 11.663 min
Delta R.T.: -0.005 min
Response: 2170701
Conc: 16.55 ug/ml



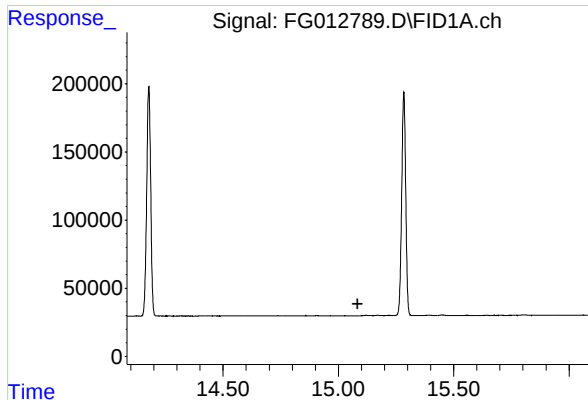
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 2112242
Conc: 16.42 ug/ml



#8 N-DOCOSANE

R.T.: 14.178 min
Delta R.T.: -0.005 min
Response: 2033552
Conc: 16.08 ug/ml



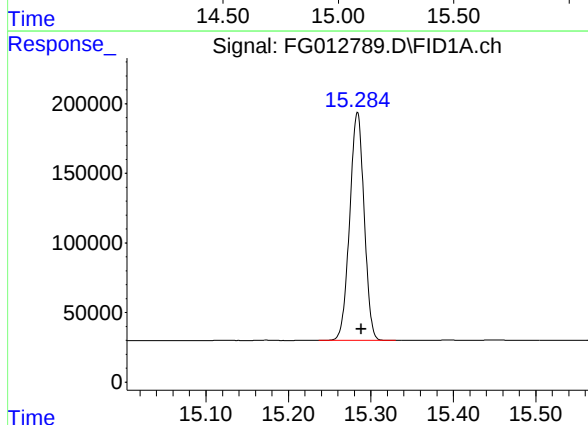
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min
Exp R.T.: 15.083 min
Response: 0
Conc: N.D.

Instrument :
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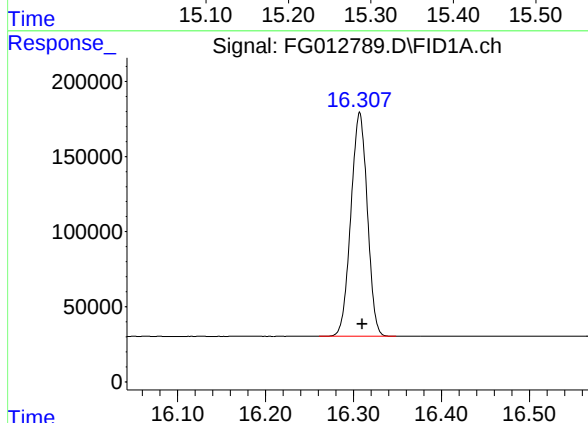
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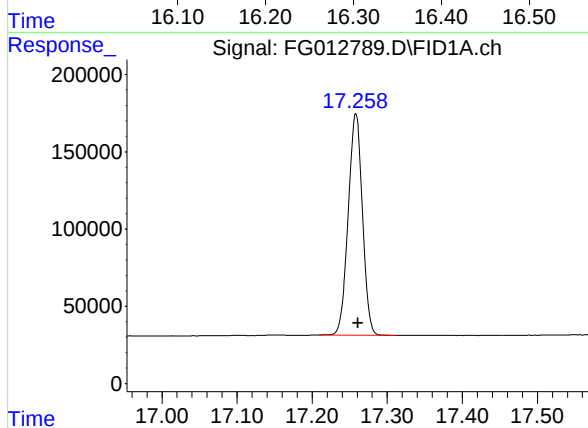
#10 N-TETRACOSANE

R.T.: 15.284 min
Delta R.T.: -0.005 min
Response: 1993319
Conc: 15.76 ug/ml



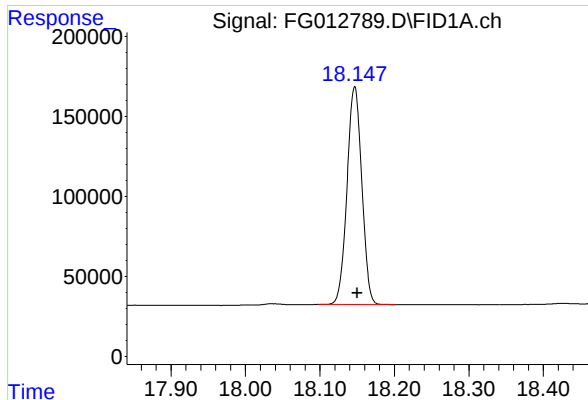
#11 N-HEXACOSANE

R.T.: 16.307 min
Delta R.T.: -0.003 min
Response: 1935850
Conc: 15.46 ug/ml



#12 N-OCTACOSANE

R.T.: 17.258 min
Delta R.T.: -0.003 min
Response: 1886052
Conc: 15.35 ug/ml



#13 N-TRIACONTANE

R.T.: 18.147 min
Delta R.T.: -0.003 min
Response: 1876591
Conc: 15.85 ug/ml

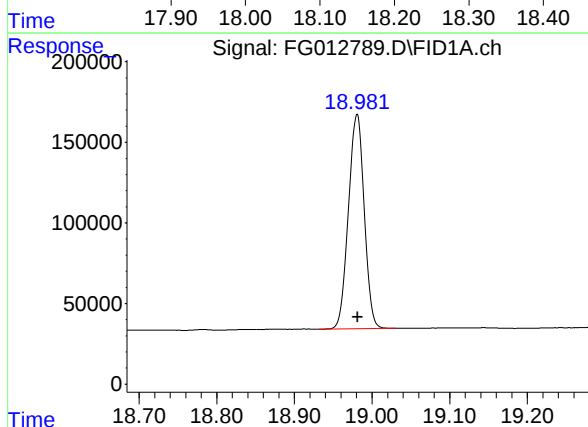
Instrument :

FID_G

ClientSampleId :
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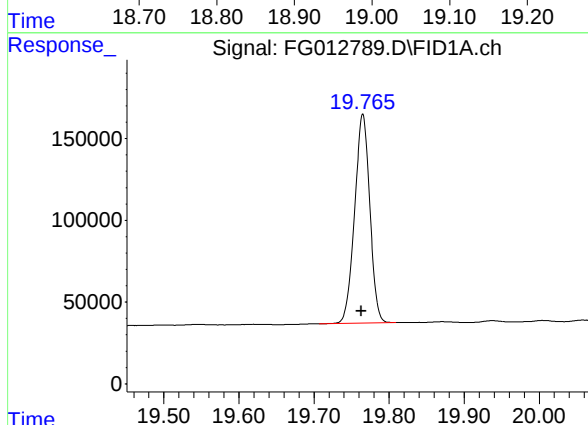
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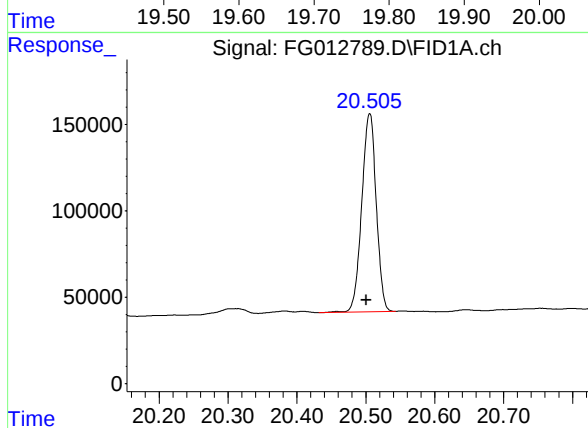
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: 0.000 min
Response: 1869741
Conc: 16.65 ug/ml



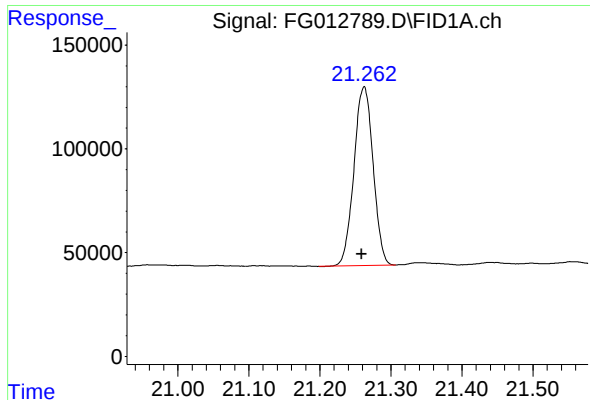
#15 N-TETRATRIACONTANE

R.T.: 19.765 min
Delta R.T.: 0.002 min
Response: 1790761
Conc: 18.91 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.506 min
Delta R.T.: 0.005 min
Response: 1676303
Conc: 20.66 ug/ml



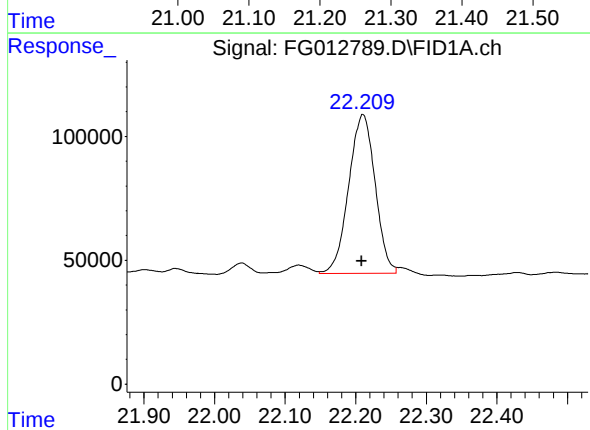
#17 N-OCTATRIACONTANE

R.T.: 21.262 min
Delta R.T.: 0.004 min
Response: 1614942
Conc: 22.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.209 min
Delta R.T.: 0.001 min
Response: 1667342
Conc: 23.93 ug/ml m