

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062323\
 Data File : FG012263.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2023 08:26
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
 Quant Time: Jun 24 07:25:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Sat Jun 24 07:24:37 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...	14.994	6037614	45.283 ug/ml
Target Compounds			
1) N-OCTANE	2.022	6790744	48.828 ug/ml
2) N-DECANE	4.532	7123869	48.349 ug/ml
3) N-DODECANE	6.702	7271185	48.441 ug/ml
4) N-TETRADECANE	8.530	7256882	48.436 ug/ml
5) N-HEXADECANE	10.139	7405931	47.334 ug/ml
6) N-OCTADECANE	11.584	7392433	46.484 ug/ml
7) N-EICOSANE	12.894	7257583	45.735 ug/ml
8) N-DOCOSANE	14.094	6866403	44.940 ug/ml
10) N-TETRACOSANE	15.199	6820983	45.663 ug/ml
11) N-HEXACOSANE	16.222	6458855	45.608 ug/ml
12) N-OCTACOSANE	17.173	6335954	46.804 ug/ml
13) N-TRIACONTANE	18.060	6325725	47.742 ug/ml
14) N-DOTRIACONTANE	18.893	6224579	48.764 ug/ml
15) N-TETRATRIACONTANE	19.679	6151264	50.537 ug/ml
16) N-HEXATRIACONTANE	20.421	6218446	50.740 ug/mlm
17) N-OCTATRIACONTANE	21.157	6493939	50.898 ug/ml
18) N-TETRACONTANE	22.074	6657337	50.276 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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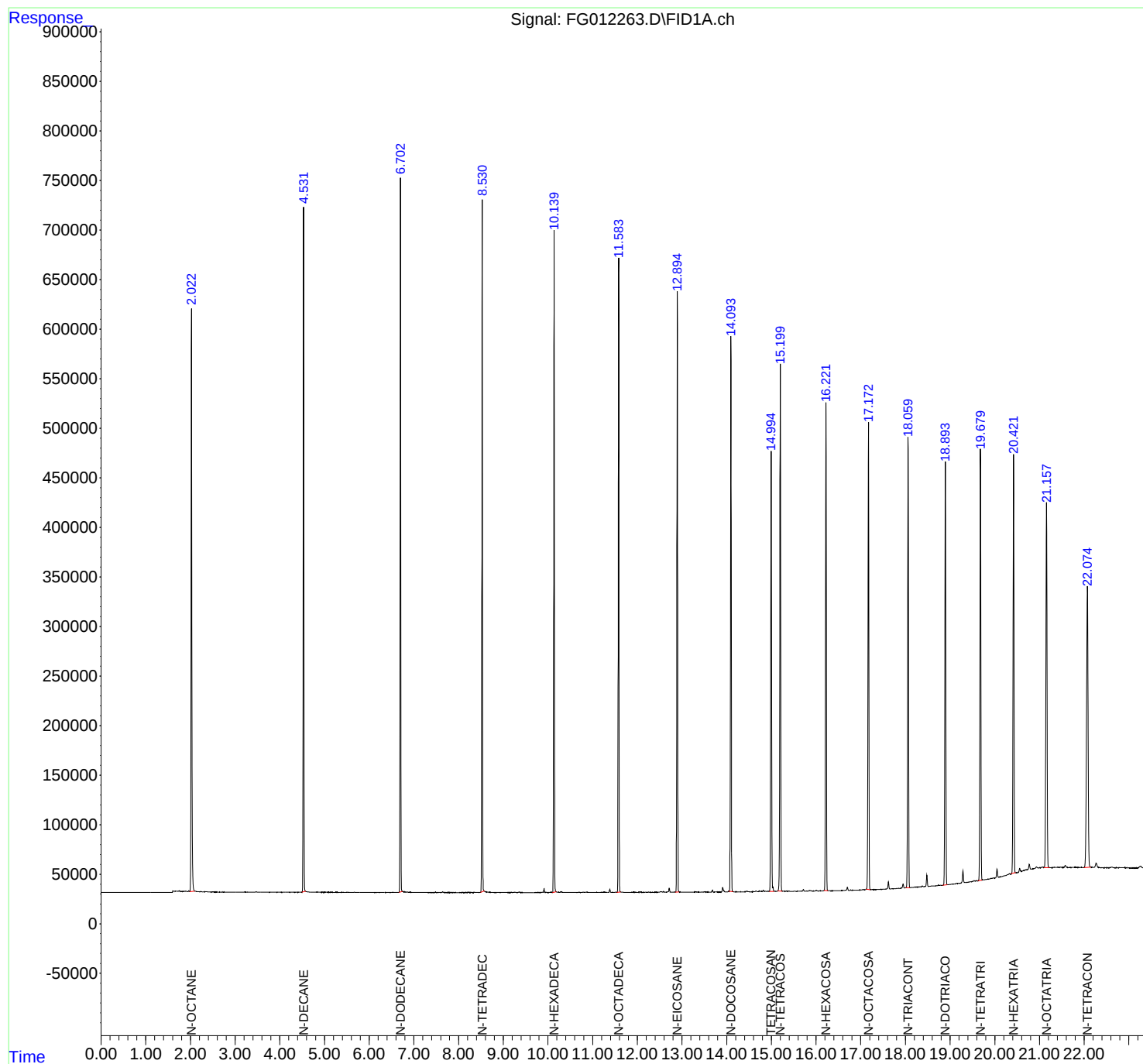
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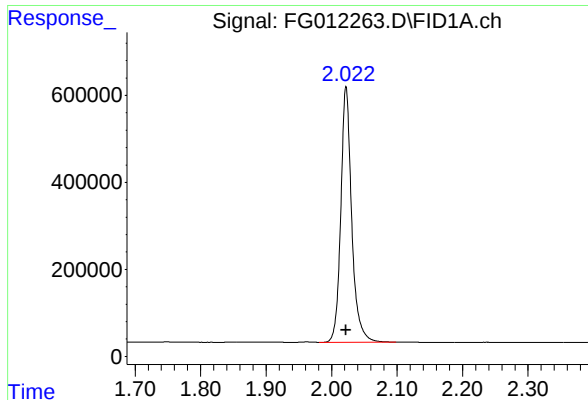
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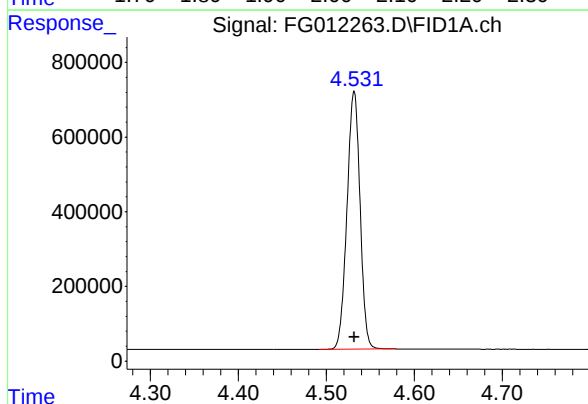
#1 N-OCTANE

R.T.: 2.022 min
Delta R.T.: 0.000 min
Response: 6790744
Conc: 48.83 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

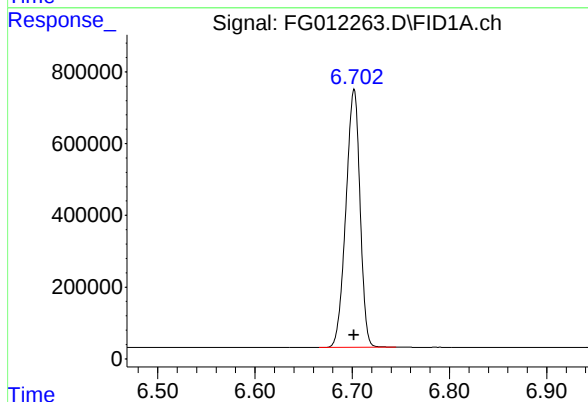
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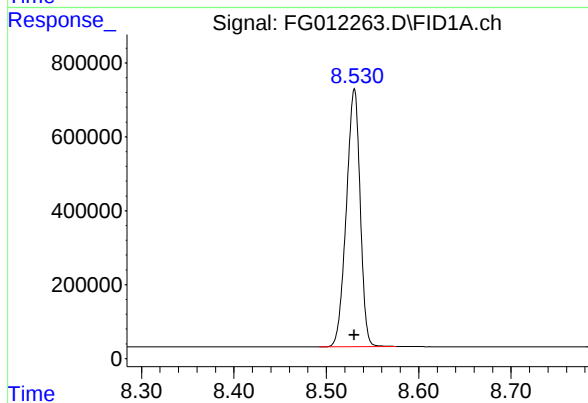
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 7123869
Conc: 48.35 ug/ml



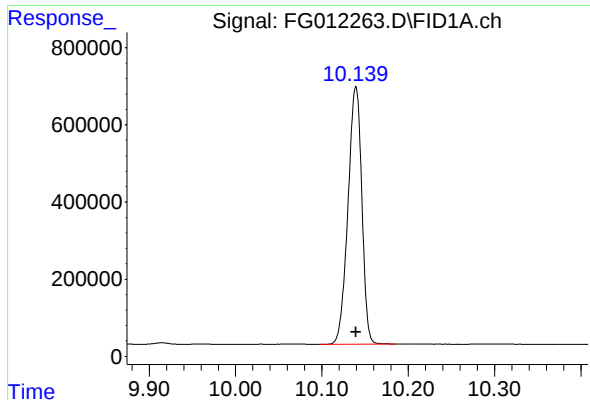
#3 N-DODECANE

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 7271185
Conc: 48.44 ug/ml



#4 N-TETRADECANE

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7256882
Conc: 48.44 ug/ml



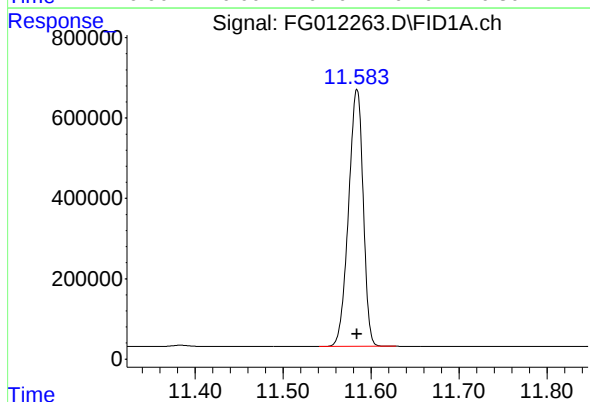
#5 N-HEXADECANE

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 7405931
Conc: 47.33 ug/ml

Instrument :
FID_G
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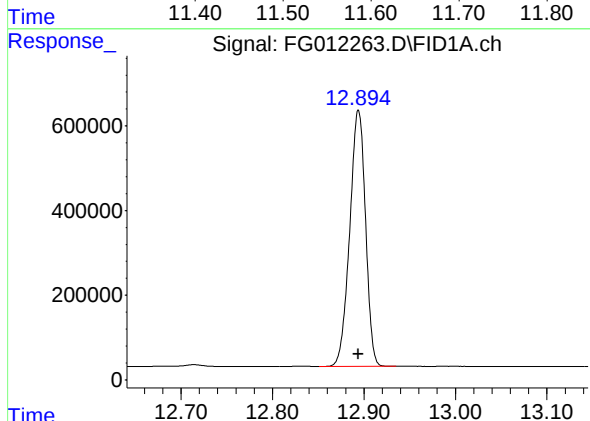
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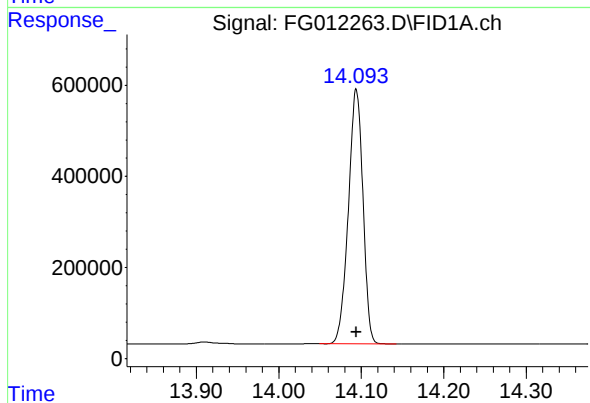
#6 N-OCTADECANE

R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 7392433
Conc: 46.48 ug/ml



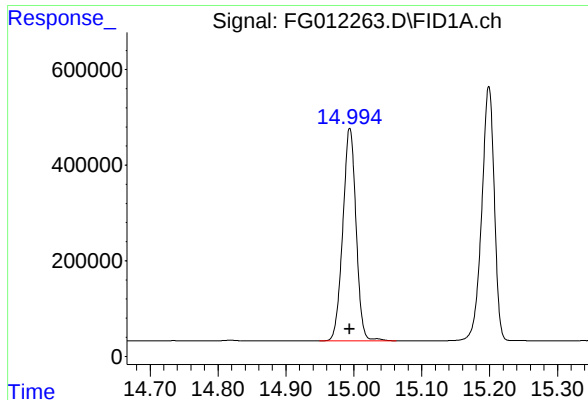
#7 N-EICOSANE

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 7257583
Conc: 45.73 ug/ml



#8 N-DOCOSANE

R.T.: 14.094 min
Delta R.T.: 0.000 min
Response: 6866403
Conc: 44.94 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.994 min
Delta R.T.: 0.000 min
Response: 6037614
Conc: 45.28 ug/ml

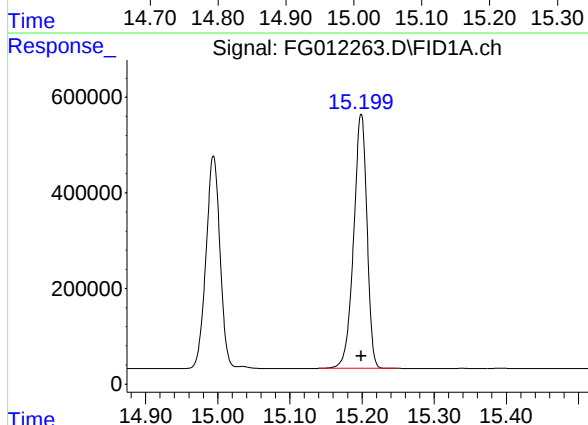
Instrument :

FID_G

ClientSampleId :
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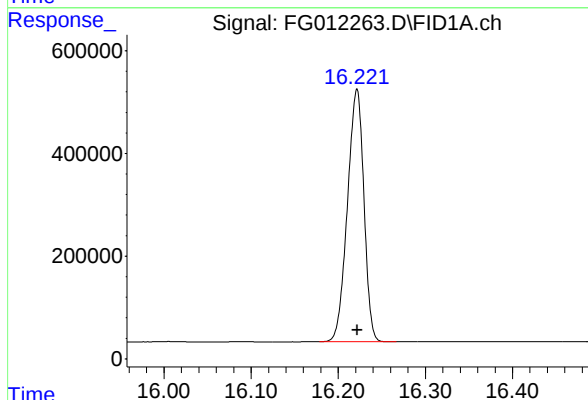
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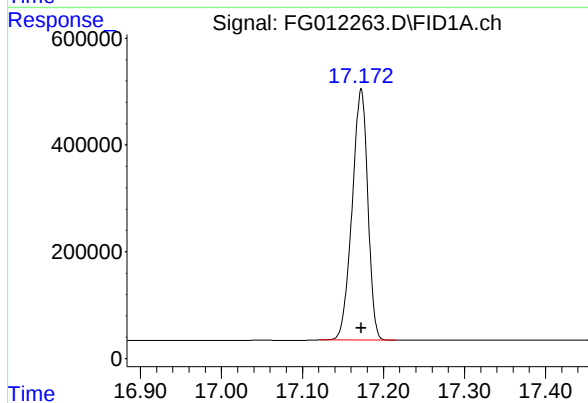
#10 N-TETRACOSANE

R.T.: 15.199 min
Delta R.T.: 0.000 min
Response: 6820983
Conc: 45.66 ug/ml



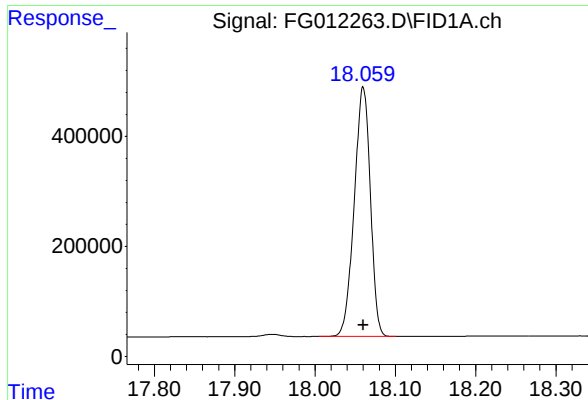
#11 N-HEXACOSANE

R.T.: 16.222 min
Delta R.T.: 0.000 min
Response: 6458855
Conc: 45.61 ug/ml



#12 N-OCTACOSANE

R.T.: 17.173 min
Delta R.T.: 0.000 min
Response: 6335954
Conc: 46.80 ug/ml



#13 N-TRIACONTANE

R.T.: 18.060 min
Delta R.T.: 0.000 min
Response: 6325725
Conc: 47.74 ug/ml

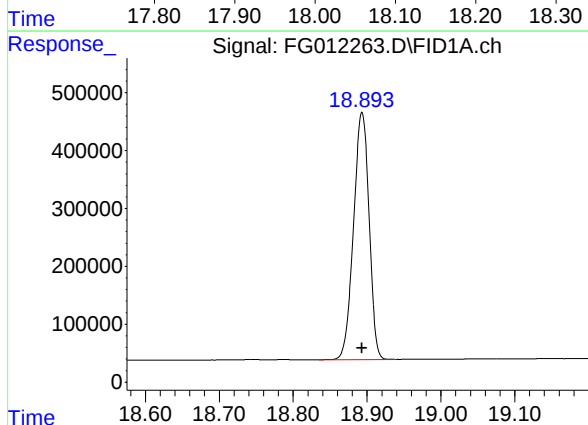
Instrument :

FID_G

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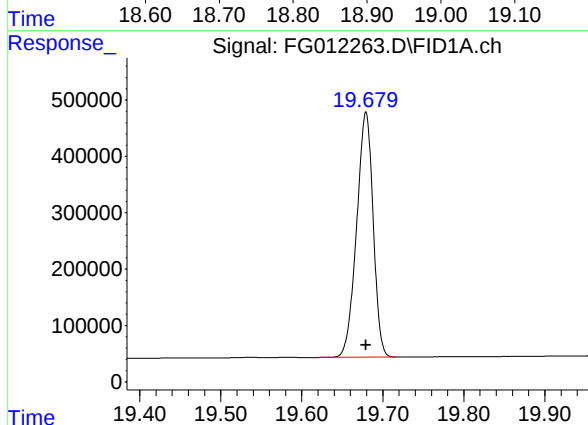
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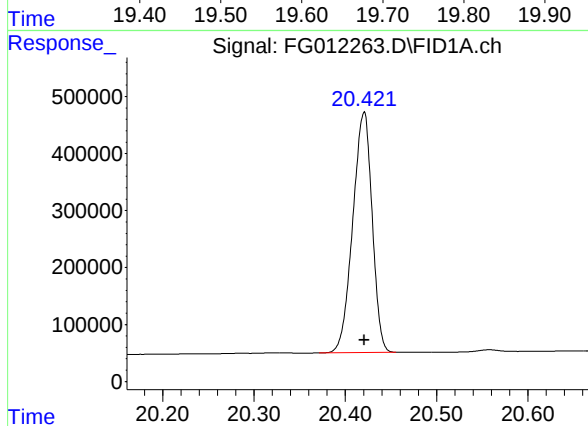
#14 N-DOTRIACONTANE

R.T.: 18.893 min
Delta R.T.: 0.000 min
Response: 6224579
Conc: 48.76 ug/ml



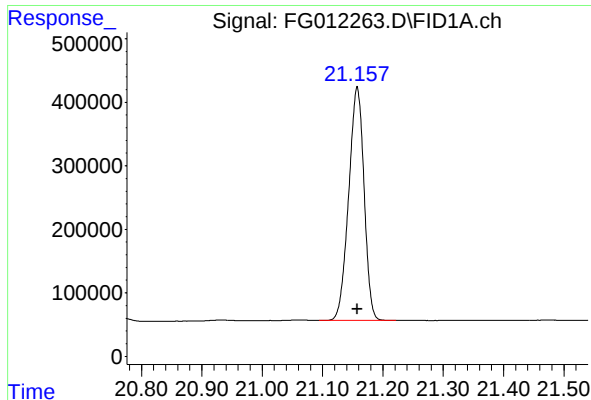
#15 N-TETRATRIACONTANE

R.T.: 19.679 min
Delta R.T.: 0.000 min
Response: 6151264
Conc: 50.54 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.421 min
Delta R.T.: 0.000 min
Response: 6218446
Conc: 50.74 ug/ml m



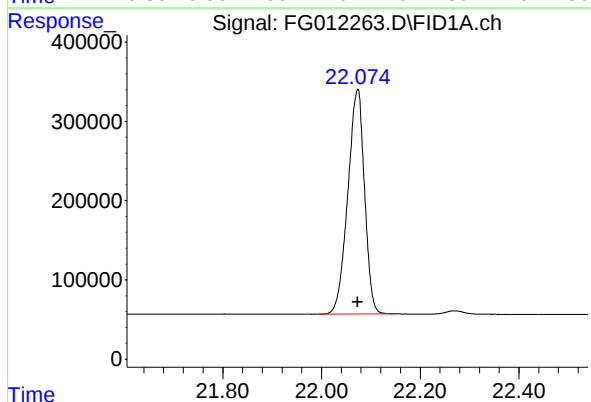
#17 N-OCTATRIACONTANE

R.T.: 21.157 min
Delta R.T.: 0.000 min
Response: 6493939
Conc: 50.90 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.074 min
Delta R.T.: 0.000 min
Response: 6657337
Conc: 50.28 ug/ml