

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092624\
 Data File : FG014353.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 14:52
 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 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 04:55:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG091124.M
 Quant Title :
 QLast Update : Tue Sep 10 17:27:02 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...	14.918	5296648	53.523 ug/ml
Target Compounds			
1) N-OCTANE	1.941	5070458	47.369 ug/ml
2) N-DECANE	4.439	5587284	53.350 ug/ml
3) N-DODECANE	6.613	5777179	56.173 ug/ml
4) N-TETRADECANE	8.446	5742901	54.739 ug/ml
5) N-HEXADECANE	10.056	5886434	53.670 ug/ml
6) N-OCTADECANE	11.502	6032673	53.648 ug/ml
7) N-EICOSANE	12.815	6149875	54.185 ug/ml
8) N-DOCOSANE	14.017	5972357	53.873 ug/ml
10) N-TETRACOSANE	15.123	6010357	54.345 ug/ml
11) N-HEXACOSANE	16.146	5950646	54.108 ug/ml
12) N-OCTACOSANE	17.099	5935157	54.530 ug/ml
13) N-TRIACONTANE	17.988	6126937	55.093 ug/ml
14) N-DOTRIACONTANE	18.822	6059369	54.813 ug/mlm
15) N-TETRATRIACONTANE	19.607	5686371	53.202 ug/mlm
16) N-HEXATRIACONTANE	20.349	5212870	49.294 ug/ml
17) N-OCTATRIACONTANE	21.079	4657346	48.967 ug/ml
18) N-TETRACONTANE	21.966	4545279	48.444 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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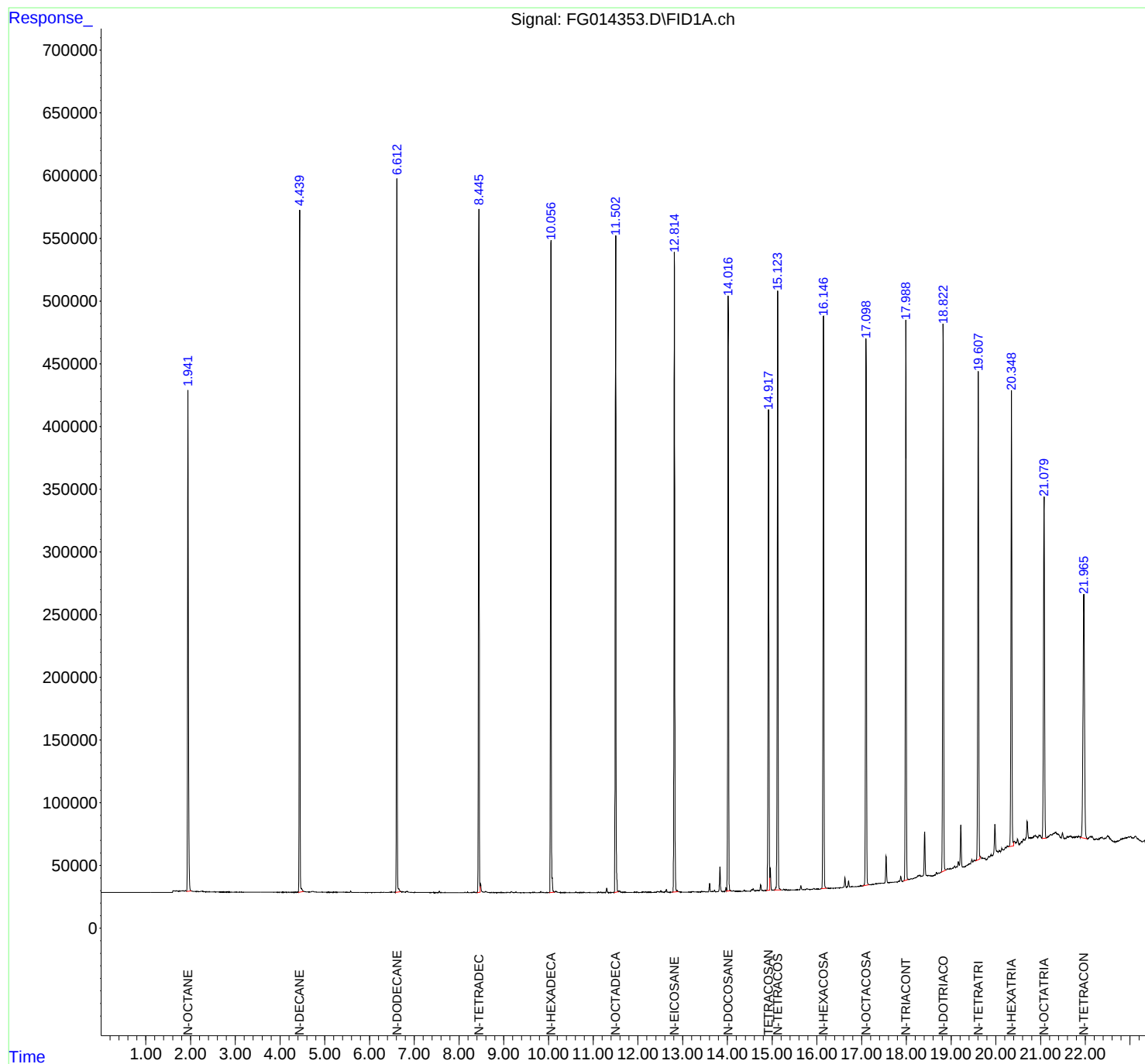
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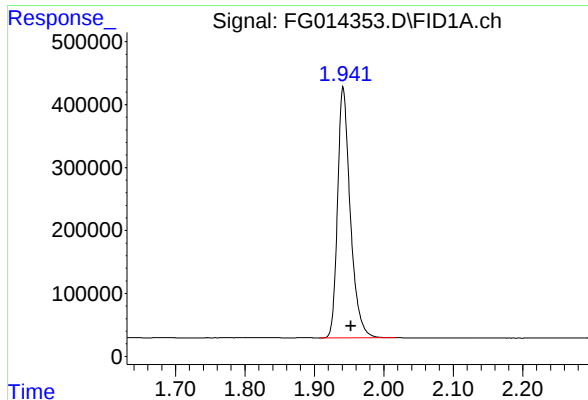
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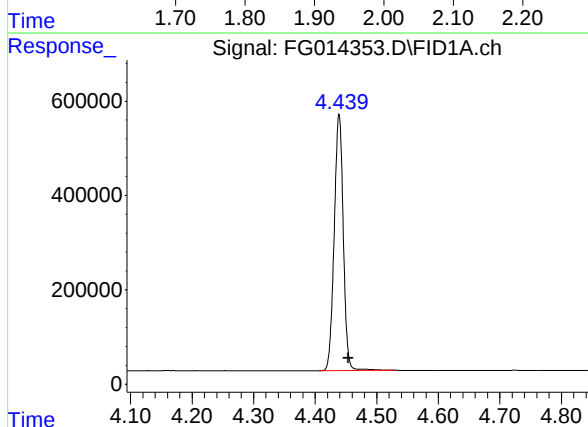
#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: -0.012 min
Response: 5070458
Conc: 47.37 ug/ml

Instrument :
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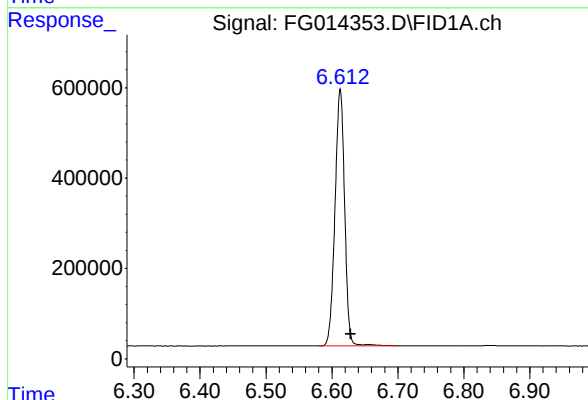
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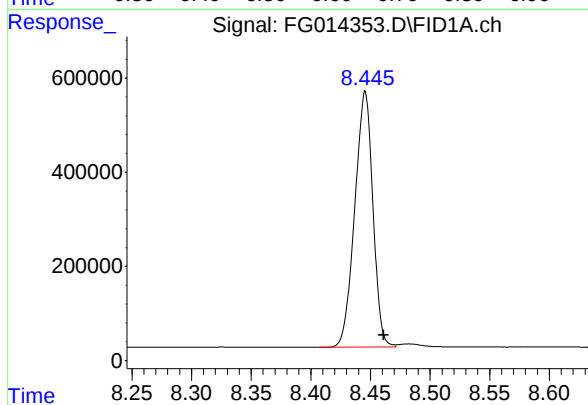
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: -0.015 min
Response: 5587284
Conc: 53.35 ug/ml



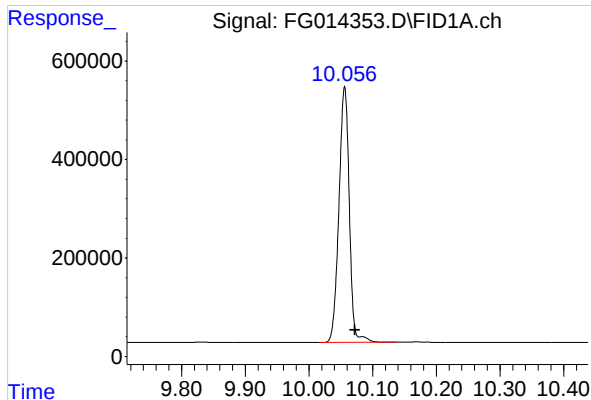
#3 N-DODECANE

R.T.: 6.613 min
Delta R.T.: -0.016 min
Response: 5777179
Conc: 56.17 ug/ml



#4 N-TETRADECANE

R.T.: 8.446 min
Delta R.T.: -0.016 min
Response: 5742901
Conc: 54.74 ug/ml



#5 N-HEXADECANE

R.T.: 10.056 min
Delta R.T.: -0.016 min
Response: 5886434
Conc: 53.67 ug/ml

Instrument :

FID_G

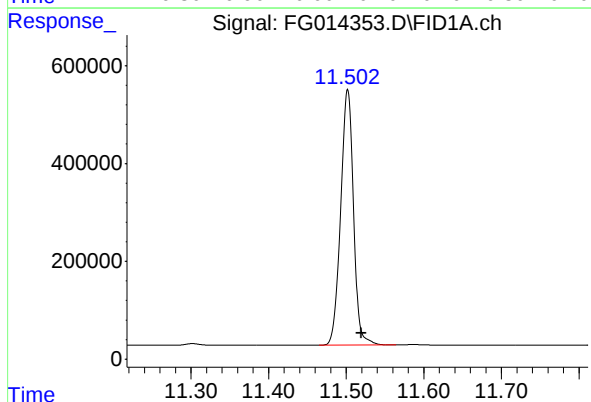
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

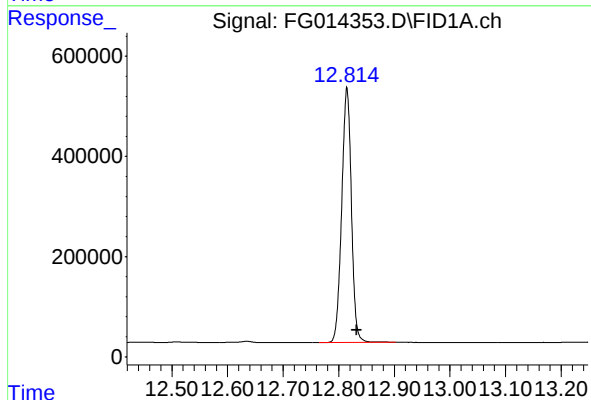
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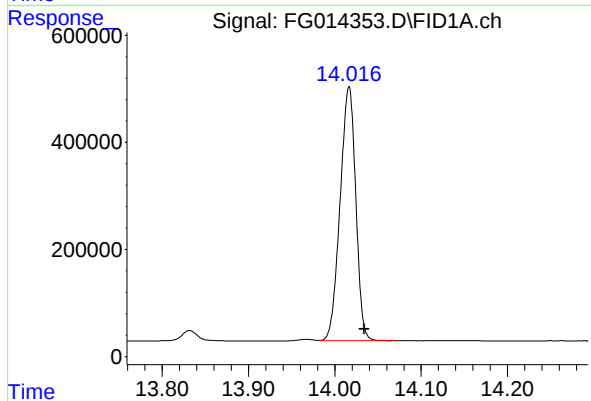
#6 N-OCTADECANE

R.T.: 11.502 min
Delta R.T.: -0.017 min
Response: 6032673
Conc: 53.65 ug/ml



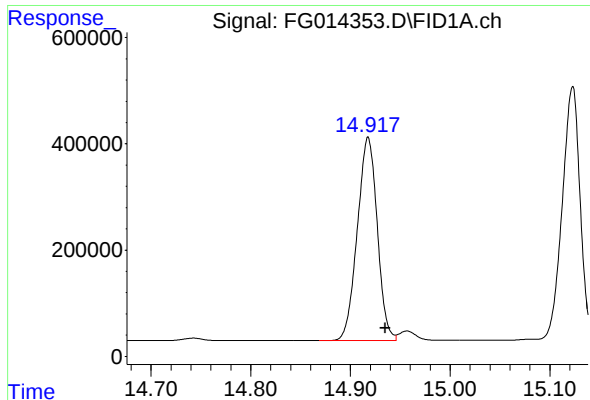
#7 N-EICOSANE

R.T.: 12.815 min
Delta R.T.: -0.017 min
Response: 6149875
Conc: 54.19 ug/ml



#8 N-DOCOSANE

R.T.: 14.017 min
Delta R.T.: -0.018 min
Response: 5972357
Conc: 53.87 ug/ml



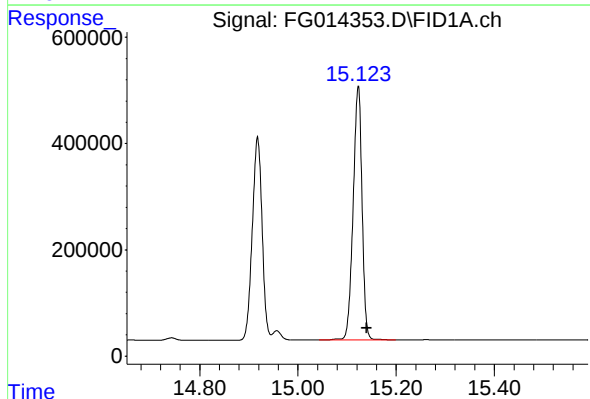
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.918 min
Delta R.T.: -0.017 min
Response: 5296648
Conc: 53.52 ug/ml

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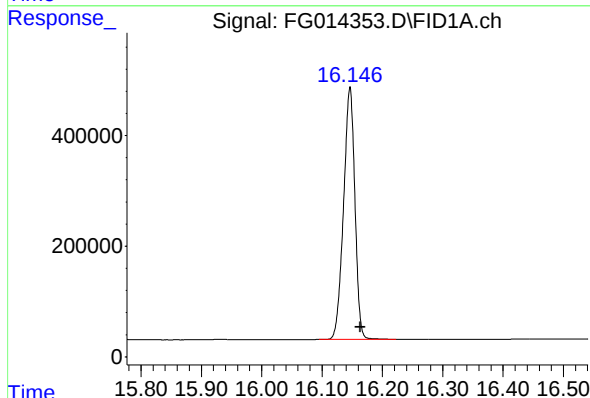
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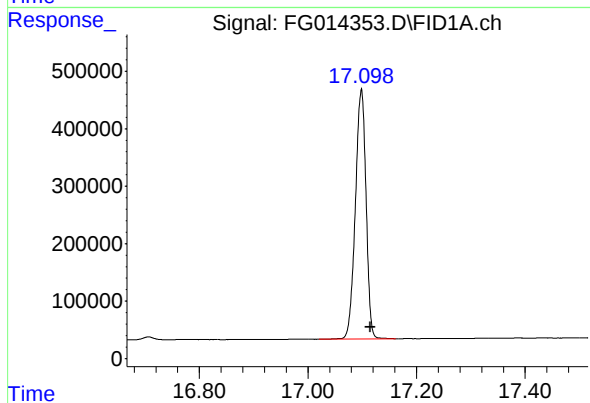
#10 N-TETRACOSANE

R.T.: 15.123 min
Delta R.T.: -0.017 min
Response: 6010357
Conc: 54.35 ug/ml



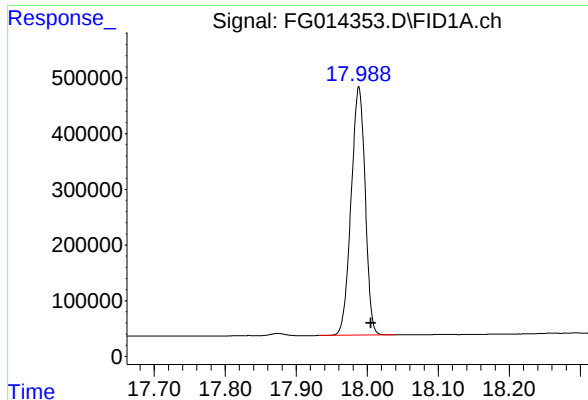
#11 N-HEXACOSANE

R.T.: 16.146 min
Delta R.T.: -0.017 min
Response: 5950646
Conc: 54.11 ug/ml



#12 N-OCTACOSANE

R.T.: 17.099 min
Delta R.T.: -0.016 min
Response: 5935157
Conc: 54.53 ug/ml



#13 N-TRIACONTANE

R.T.: 17.988 min
Delta R.T.: -0.017 min
Response: 6126937
Conc: 55.09 ug/ml

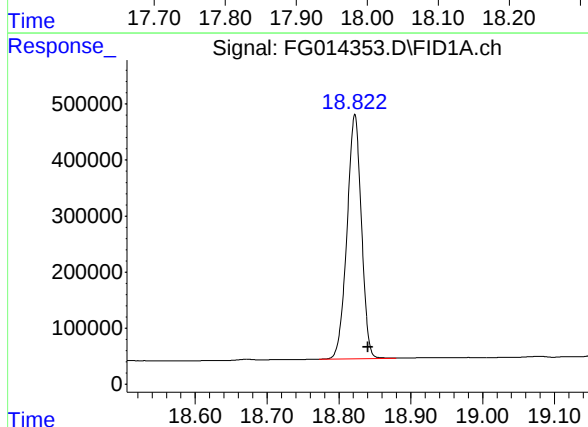
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

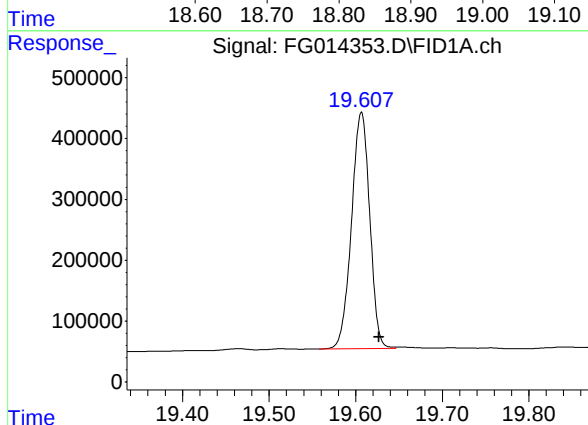
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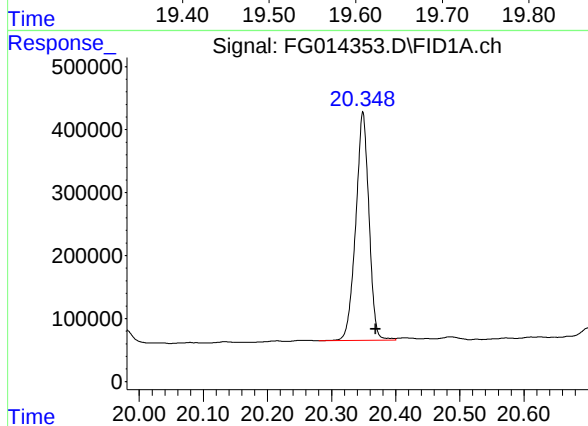
#14 N-DOTRIACONTANE

R.T.: 18.822 min
Delta R.T.: -0.019 min
Response: 6059369
Conc: 54.81 ug/ml m



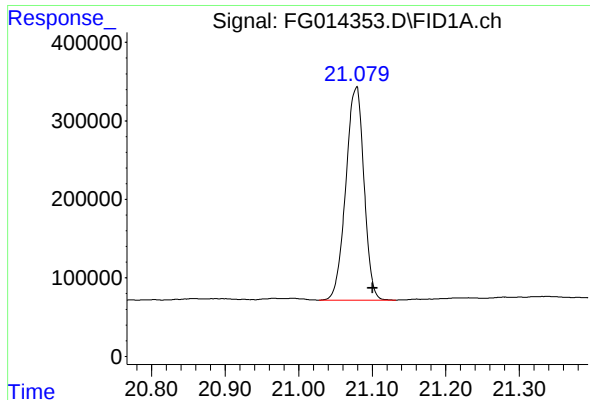
#15 N-TETRATRIACONTANE

R.T.: 19.607 min
Delta R.T.: -0.020 min
Response: 5686371
Conc: 53.20 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.349 min
Delta R.T.: -0.020 min
Response: 5212870
Conc: 49.29 ug/ml



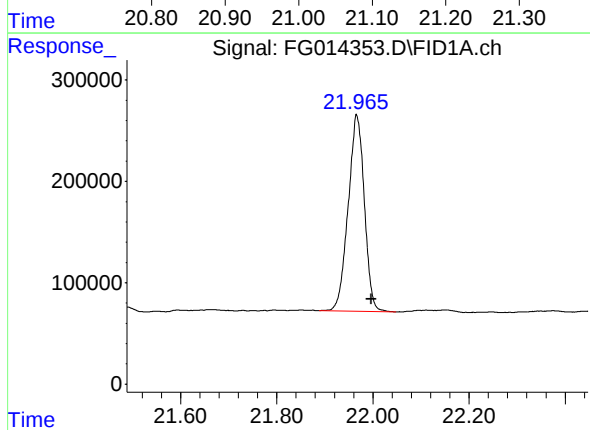
#17 N-OCTATRIACONTANE

R.T.: 21.079 min
Delta R.T.: -0.021 min
Response: 4657346
Conc: 48.97 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.966 min
Delta R.T.: -0.031 min
Response: 4545279
Conc: 48.44 ug/ml