

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062424\
 Data File : FG013895.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2024 19:59
 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 06/25/2024
 Supervised By :Ankita Jodhani 06/25/2024

Integration File: autoint1.e
 Quant Time: Jun 25 04:23:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Quant Title :
 QLast Update : Tue May 28 12:12:14 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...	14.966	5810578	52.726 ug/ml
Target Compounds			
1) N-OCTANE	1.975	5909477	49.191 ug/ml
2) N-DECANE	4.484	6612558	54.347 ug/ml
3) N-DODECANE	6.658	6726901	54.160 ug/ml
4) N-TETRADECANE	8.491	6767887	53.095 ug/ml
5) N-HEXADECANE	10.103	6873827	53.832 ug/ml
6) N-OCTADECANE	11.550	6936458	53.853 ug/ml
7) N-EICOSANE	12.863	6789727	52.609 ug/ml
8) N-DOCOSANE	14.064	6637459	53.279 ug/ml
10) N-TETRACOSANE	15.170	6598727	53.499 ug/ml
11) N-HEXACOSANE	16.195	6477366	53.332 ug/ml
12) N-OCTACOSANE	17.146	6433466	54.291 ug/ml
13) N-TRIACONTANE	18.038	6331549	53.909 ug/ml
14) N-DOTRIACONTANE	18.870	5916155	52.630 ug/mlm
15) N-TETRATRIACONTANE	19.657	5300383	51.541 ug/ml
16) N-HEXATRIACONTANE	20.398	4761101	53.486 ug/mlm
17) N-OCTATRIACONTANE	21.134	4436557	56.360 ug/mlm
18) N-TETRACONTANE	22.039	4272864	65.433 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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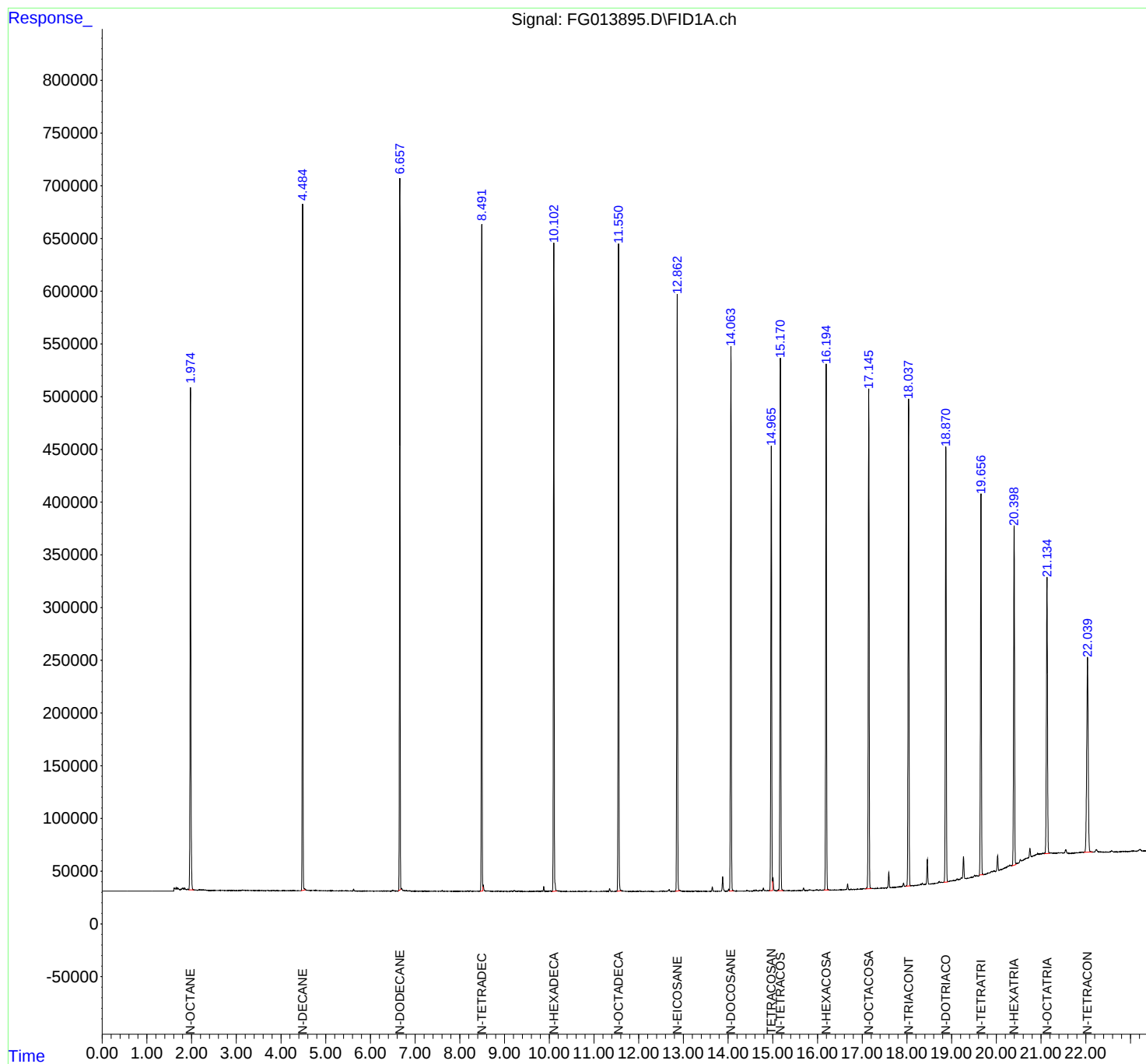
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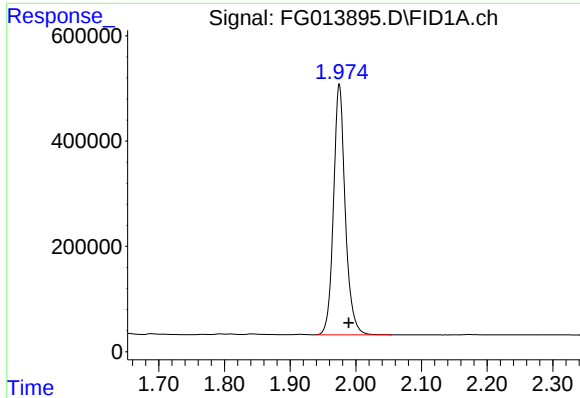
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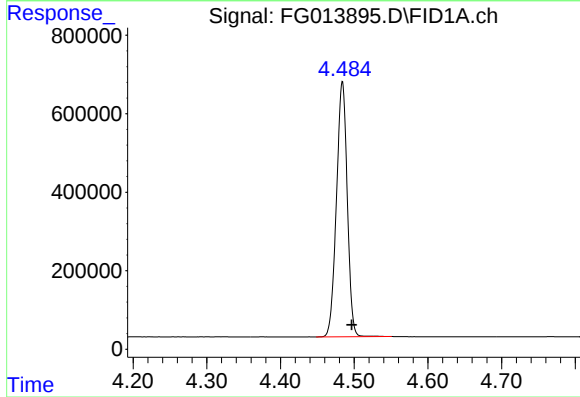
#1 N-OCTANE

R.T.: 1.975 min
Delta R.T.: -0.014 min
Response: 5909477
Conc: 49.19 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

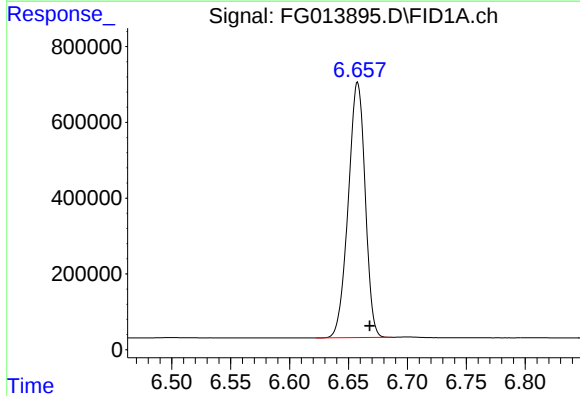
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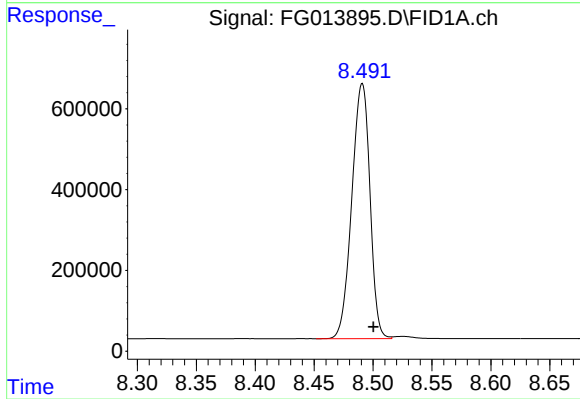
#2 N-DECANE

R.T.: 4.484 min
Delta R.T.: -0.013 min
Response: 6612558
Conc: 54.35 ug/ml



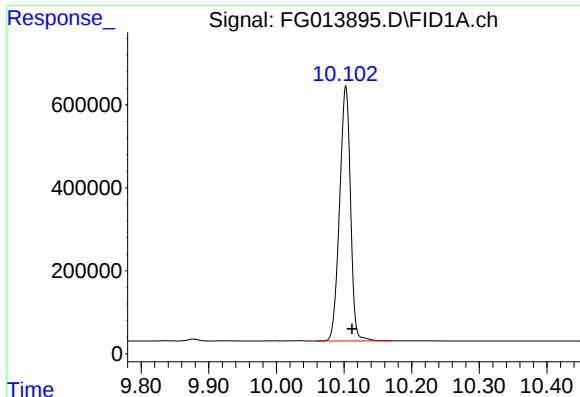
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.010 min
Response: 6726901
Conc: 54.16 ug/ml



#4 N-TETRADECANE

R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 6767887
Conc: 53.09 ug/ml



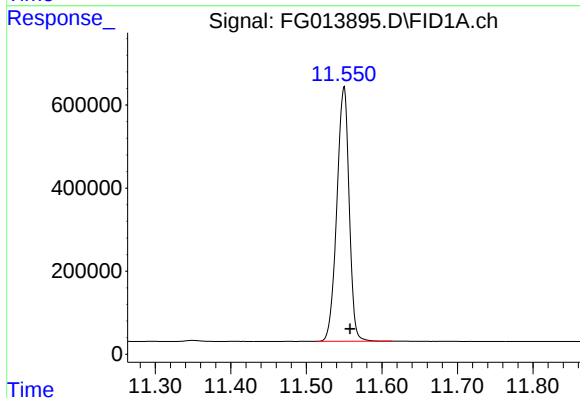
#5 N-HEXADECANE

R.T.: 10.103 min
Delta R.T.: -0.009 min
Response: 6873827
Conc: 53.83 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

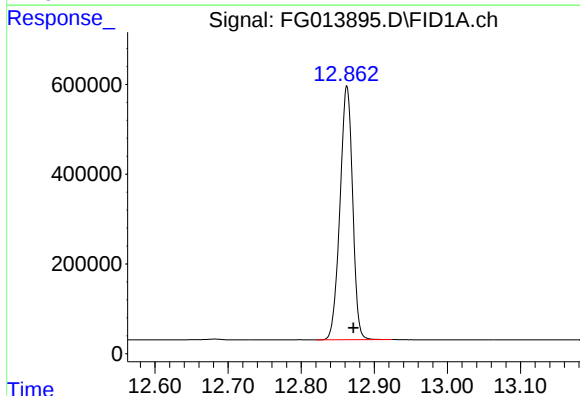
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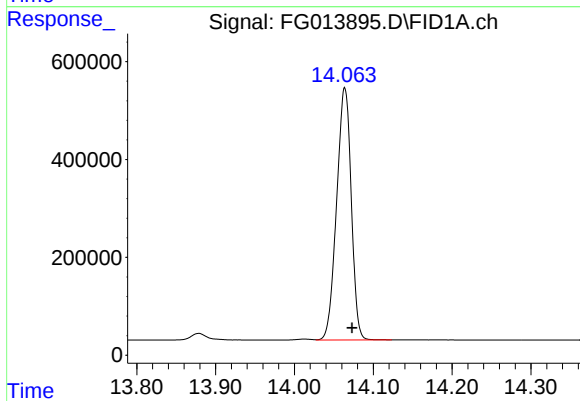
#6 N-OCTADECANE

R.T.: 11.550 min
Delta R.T.: -0.008 min
Response: 6936458
Conc: 53.85 ug/ml



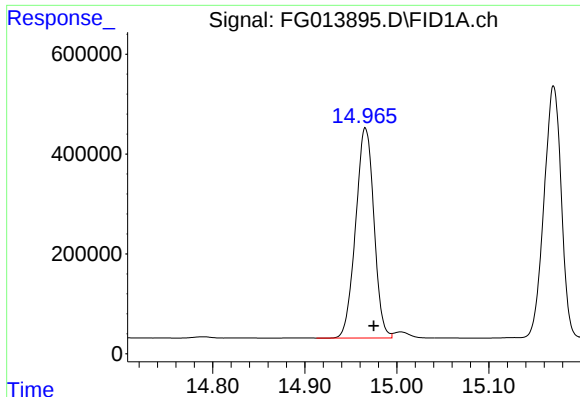
#7 N-EICOSANE

R.T.: 12.863 min
Delta R.T.: -0.009 min
Response: 6789727
Conc: 52.61 ug/ml



#8 N-DOCOSANE

R.T.: 14.064 min
Delta R.T.: -0.009 min
Response: 6637459
Conc: 53.28 ug/ml



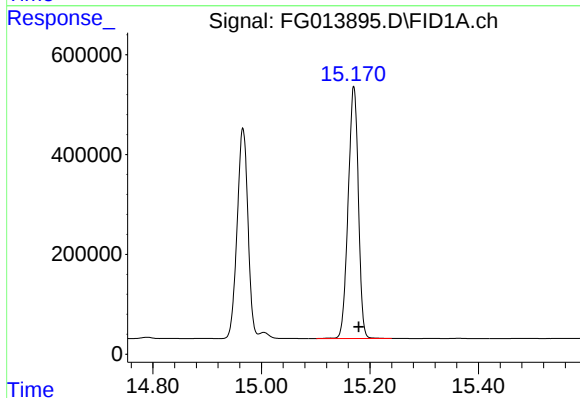
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.966 min
Delta R.T.: -0.009 min
Response: 5810578
Conc: 52.73 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

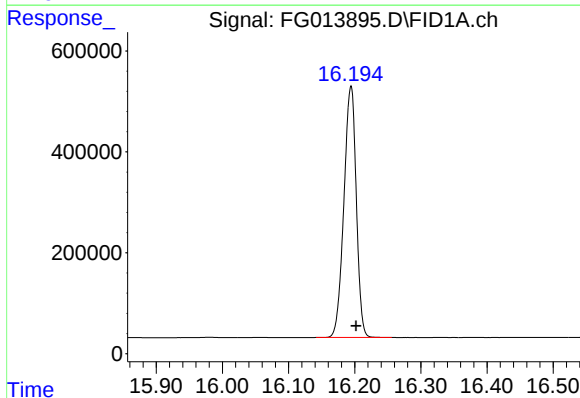
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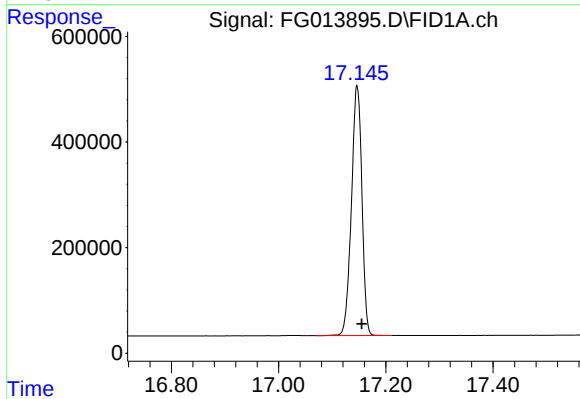
#10 N-TETRACOSANE

R.T.: 15.170 min
Delta R.T.: -0.009 min
Response: 6598727
Conc: 53.50 ug/ml



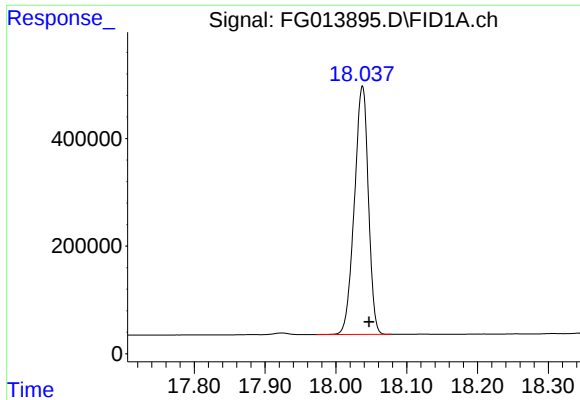
#11 N-HEXACOSANE

R.T.: 16.195 min
Delta R.T.: -0.008 min
Response: 6477366
Conc: 53.33 ug/ml



#12 N-OCTACOSANE

R.T.: 17.146 min
Delta R.T.: -0.009 min
Response: 6433466
Conc: 54.29 ug/ml



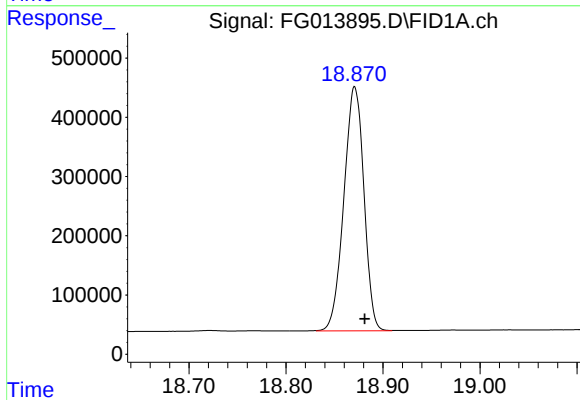
#13 N-TRIACONTANE

R.T.: 18.038 min
Delta R.T.: -0.009 min
Response: 6331549
Conc: 53.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

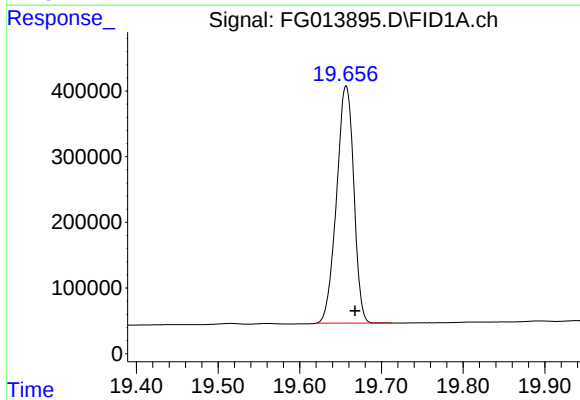
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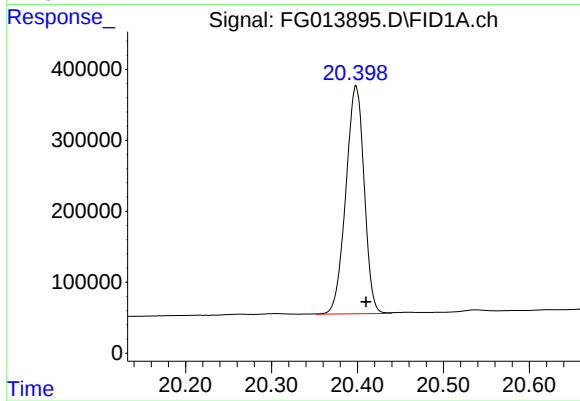
#14 N-DOTRIACONTANE

R.T.: 18.870 min
Delta R.T.: -0.011 min
Response: 5916155
Conc: 52.63 ug/ml m



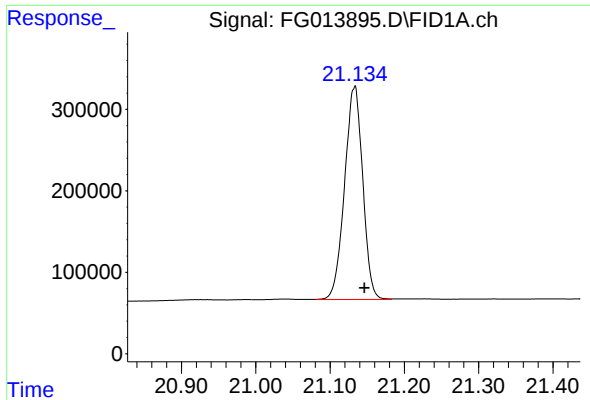
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.011 min
Response: 5300383
Conc: 51.54 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.012 min
Response: 4761101
Conc: 53.49 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.134 min
Delta R.T.: -0.012 min
Response: 4436557
Conc: 56.36 ug/ml

Instrument :

FID_G

ClientSampleId :

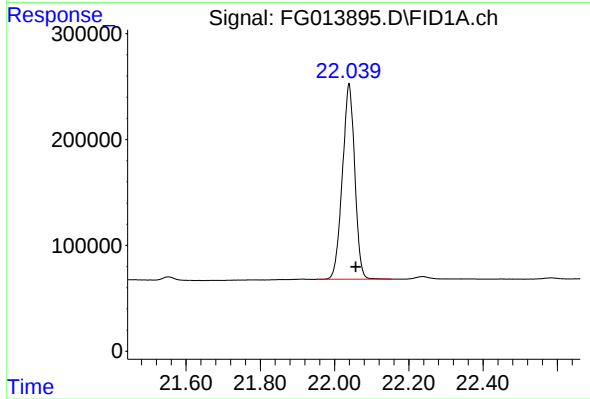
50 PPM TRPH STD

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#18 N-TETRACONTANE

R.T.: 22.039 min
Delta R.T.: -0.018 min
Response: 4272864
Conc: 65.43 ug/ml