

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
 Data File : FG017157.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2025 11:37
 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 :Rahul Chavli 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
 Quant Time: Dec 11 00:19:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 2025
 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...	15.137	4868552	46.784 ug/ml
Target Compounds			
1) N-OCTANE	2.076	5626222	45.201 ug/ml
2) N-DECANE	4.613	5634576	47.234 ug/ml
3) N-DODECANE	6.795	5664957	47.427 ug/ml
4) N-TETRADECANE	8.634	5604471	48.427 ug/ml
5) N-HEXADECANE	10.252	5524884	48.283 ug/ml
6) N-OCTADECANE	11.704	5666559	47.245 ug/ml
7) N-EICOSANE	13.024	5783835	46.528 ug/ml
8) N-DOCOSANE	14.231	5565522	46.614 ug/ml
10) N-TETRACOSANE	15.343	5565836	47.373 ug/ml
11) N-HEXACOSANE	16.370	5321114	47.363 ug/ml
12) N-OCTACOSANE	17.327	5298770	46.960 ug/ml
13) N-TRIACONTANE	18.220	5254276	46.944 ug/ml
14) N-DOTRIACONTANE	19.058	5106202	47.234 ug/ml
15) N-TETRATRIACONTANE	19.846	4826077	48.140 ug/ml
16) N-HEXATRIACONTANE	20.590	4137008	47.432 ug/ml
17) N-OCTATRIACONTANE	21.362	3637838	47.706 ug/mlm
18) N-TETRACONTANE	22.341	3524769	56.338 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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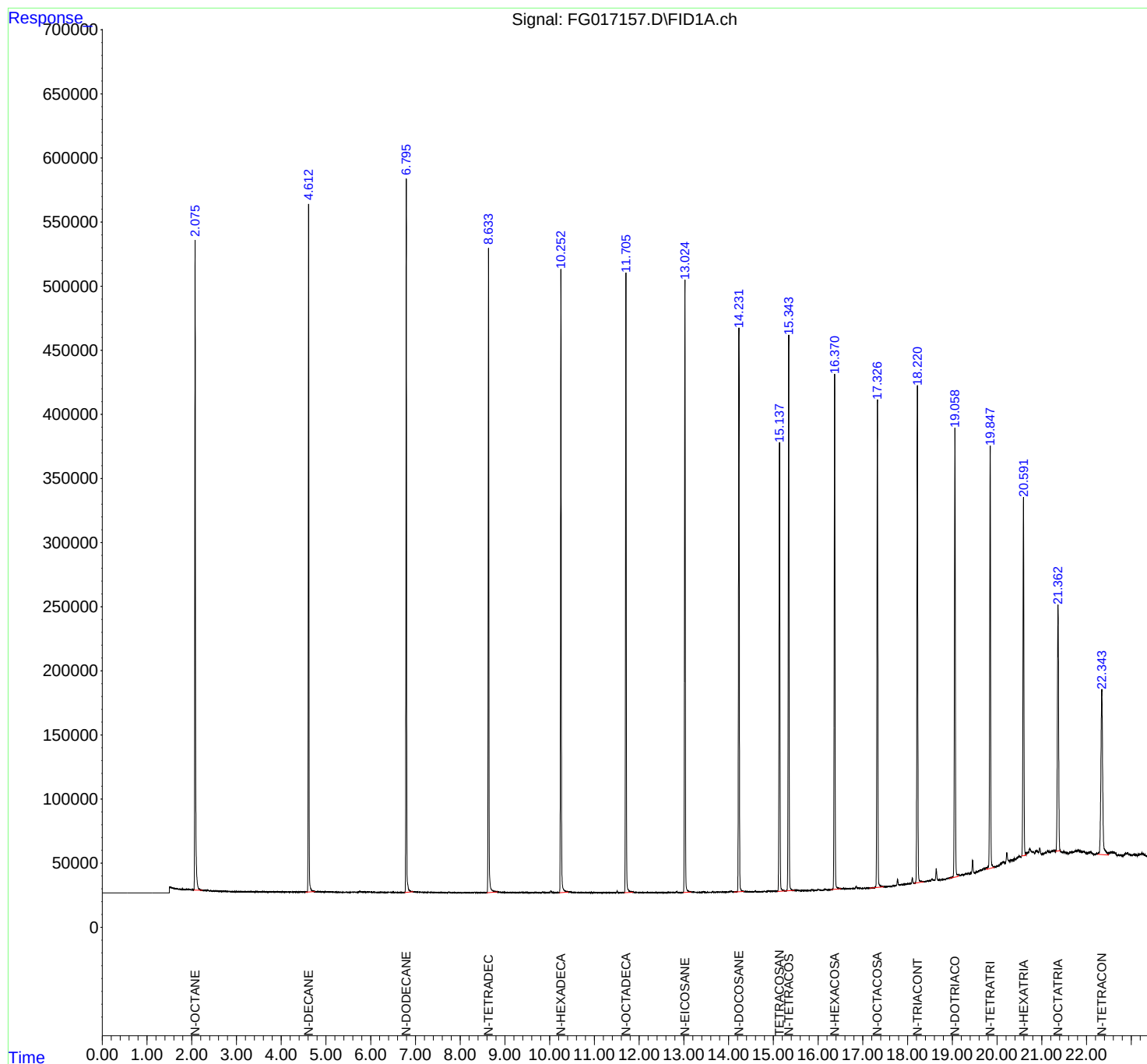
Instrument :
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50 PPM TRPH STD

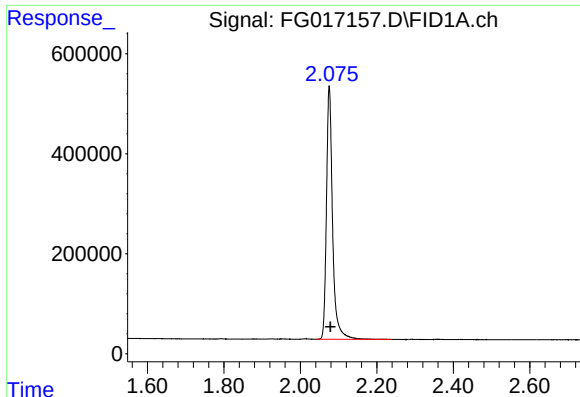
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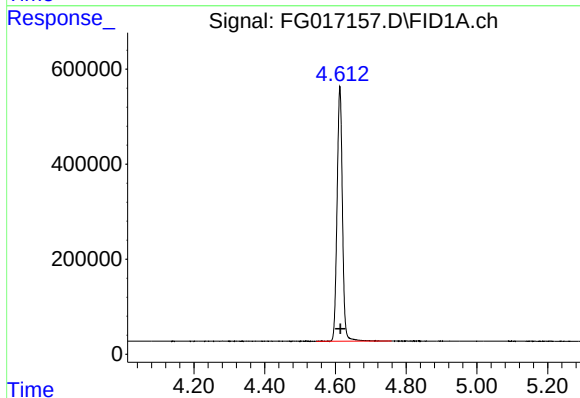
#1 N-OCTANE

R.T.: 2.076 min
Delta R.T.: -0.003 min
Response: 5626222
Conc: 45.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

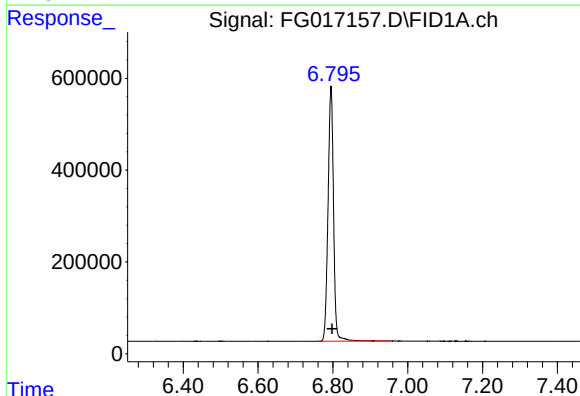
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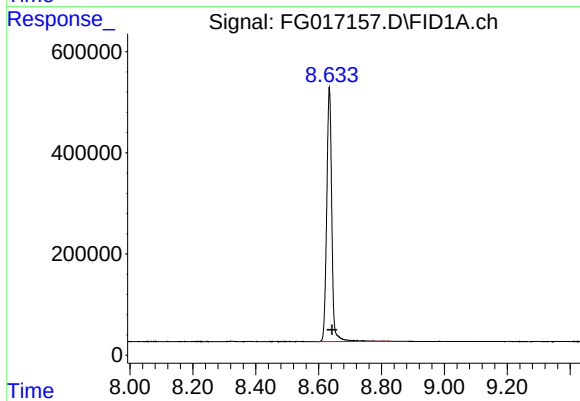
#2 N-DECANE

R.T.: 4.613 min
Delta R.T.: -0.001 min
Response: 5634576
Conc: 47.23 ug/ml



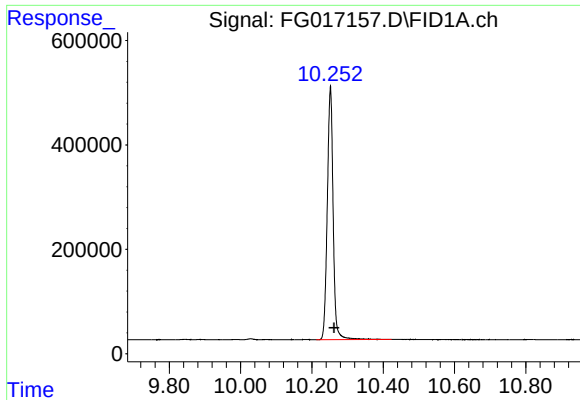
#3 N-DODECANE

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 5664957
Conc: 47.43 ug/ml



#4 N-TETRADECANE

R.T.: 8.634 min
Delta R.T.: -0.008 min
Response: 5604471
Conc: 48.43 ug/ml



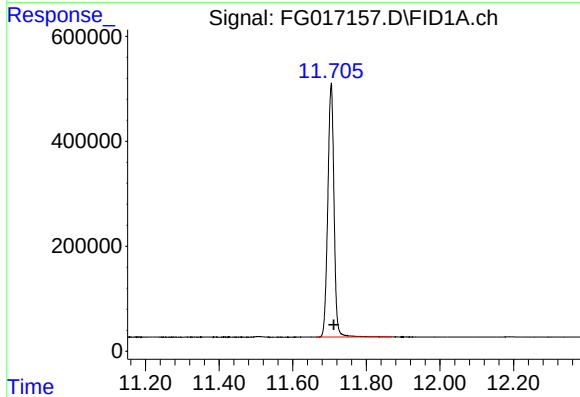
#5 N-HEXADECANE

R.T.: 10.252 min
Delta R.T.: -0.010 min
Response: 5524884
Conc: 48.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

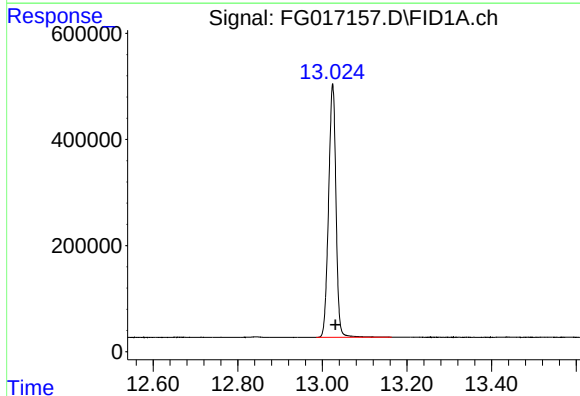
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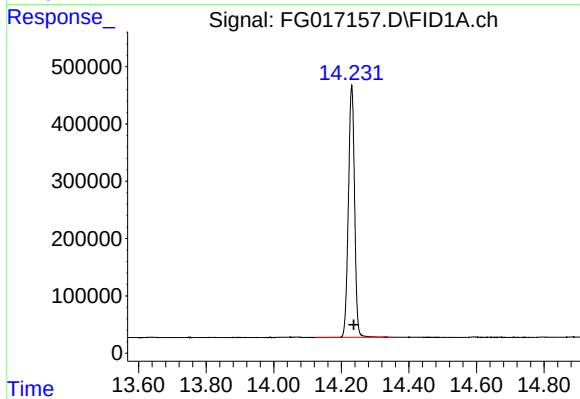
#6 N-OCTADECANE

R.T.: 11.704 min
Delta R.T.: -0.008 min
Response: 5666559
Conc: 47.25 ug/ml



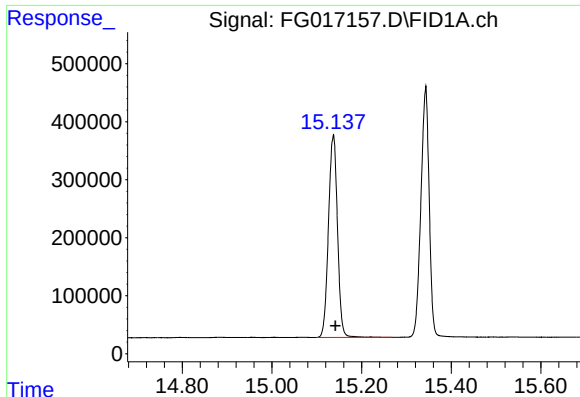
#7 N-EICOSANE

R.T.: 13.024 min
Delta R.T.: -0.007 min
Response: 5783835
Conc: 46.53 ug/ml



#8 N-DOCOSANE

R.T.: 14.231 min
Delta R.T.: -0.006 min
Response: 5565522
Conc: 46.61 ug/ml



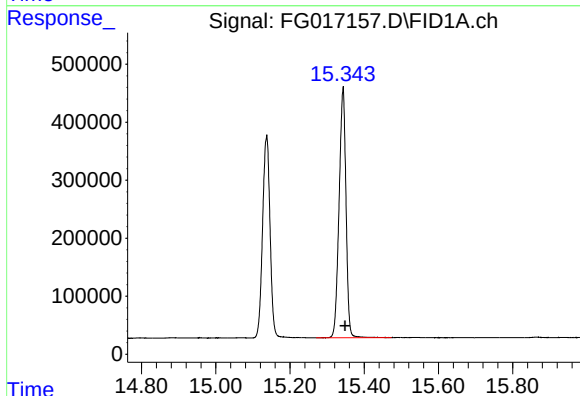
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.137 min
Delta R.T.: -0.005 min
Response: 4868552
Conc: 46.78 ug/ml

Instrument :
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50 PPM TRPH STD

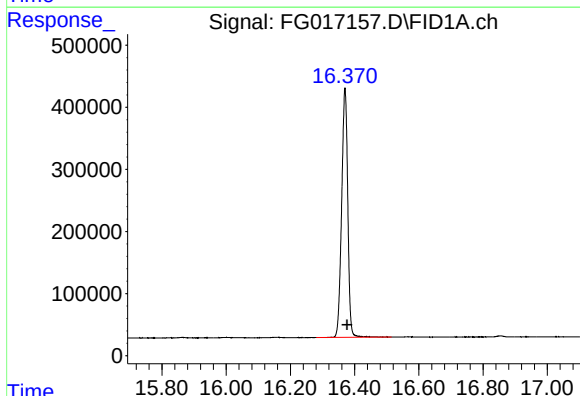
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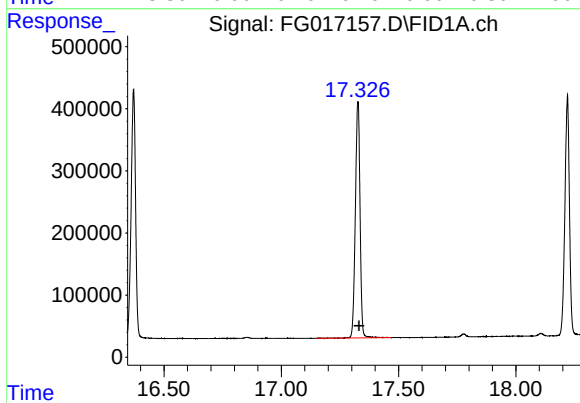
#10 N-TETRACOSANE

R.T.: 15.343 min
Delta R.T.: -0.005 min
Response: 5565836
Conc: 47.37 ug/ml



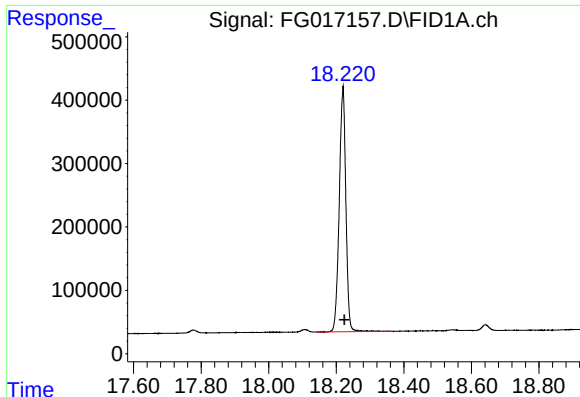
#11 N-HEXACOSANE

R.T.: 16.370 min
Delta R.T.: -0.006 min
Response: 5321114
Conc: 47.36 ug/ml



#12 N-OCTACOSANE

R.T.: 17.327 min
Delta R.T.: -0.005 min
Response: 5298770
Conc: 46.96 ug/ml



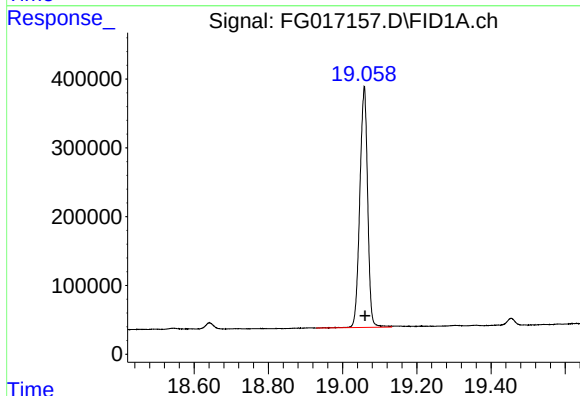
#13 N-TRIACONTANE

R.T.: 18.220 min
Delta R.T.: -0.004 min
Response: 5254276
Conc: 46.94 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

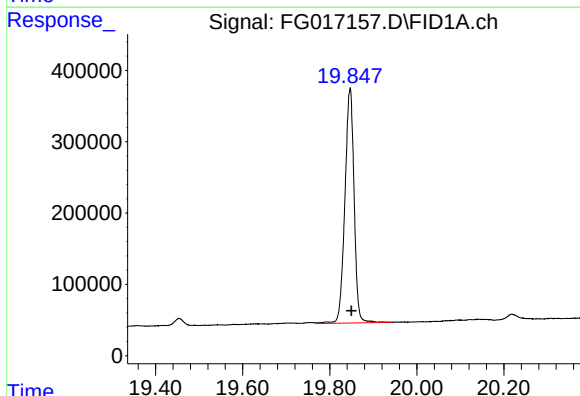
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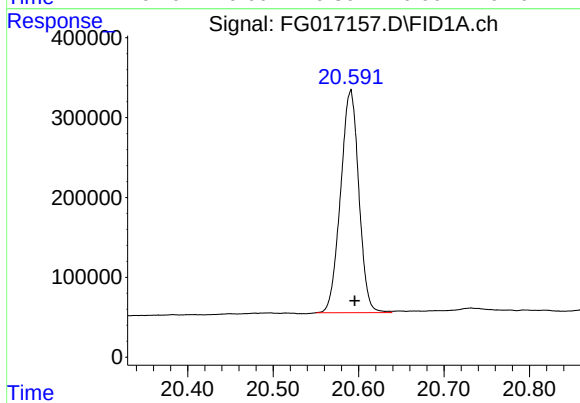
#14 N-DOTRIACONTANE

R.T.: 19.058 min
Delta R.T.: -0.003 min
Response: 5106202
Conc: 47.23 ug/ml



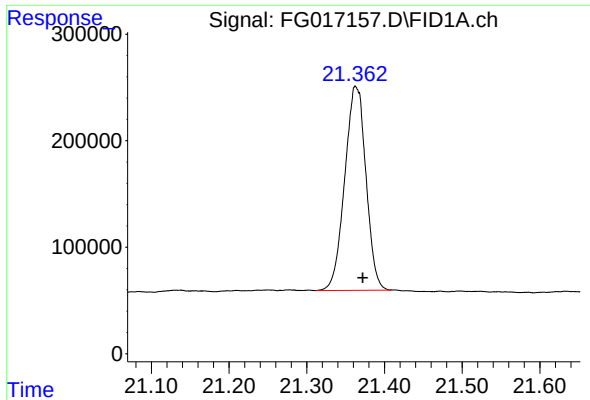
#15 N-TETRATRIACONTANE

R.T.: 19.846 min
Delta R.T.: -0.003 min
Response: 4826077
Conc: 48.14 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.590 min
Delta R.T.: -0.005 min
Response: 4137008
Conc: 47.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.362 min
Delta R.T.: -0.010 min
Response: 3637838
Conc: 47.71 ug/ml

Instrument :

FID_G

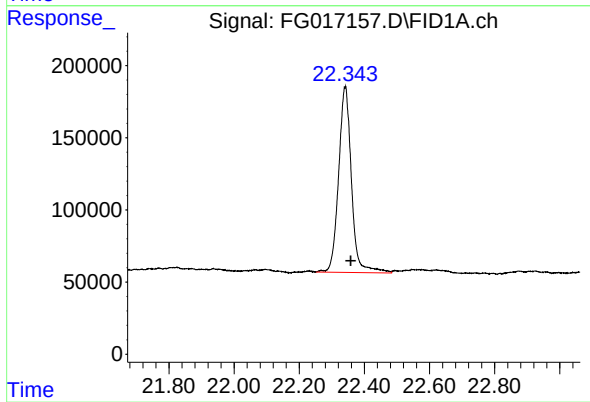
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.341 min
Delta R.T.: -0.018 min
Response: 3524769
Conc: 56.34 ug/ml