

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016393.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 11:37
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2025
 Supervised By :mohammad ahmed 08/28/2025

Integration File: autoint1.e
 Quant Time: Aug 27 04:15:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.197	4733827	49.686 ug/ml
Target Compounds			
1) N-OCTANE	2.114	5138697	48.424 ug/ml
2) N-DECANE	4.662	5325195	49.277 ug/ml
3) N-DODECANE	6.846	5395272	49.645 ug/ml
4) N-TETRADECANE	8.688	5451257	49.856 ug/ml
5) N-HEXADECANE	10.308	5415864	49.825 ug/ml
6) N-OCTADECANE	11.763	5508889	49.802 ug/ml
7) N-EICOSANE	13.084	5617243	49.699 ug/ml
8) N-DOCOSANE	14.292	5449593	49.605 ug/ml
10) N-TETRACOSANE	15.404	5417408	49.442 ug/ml
11) N-HEXACOSANE	16.432	5256693	49.152 ug/ml
12) N-OCTACOSANE	17.390	5276124	48.974 ug/ml
13) N-TRIACONTANE	18.283	5280978	48.468 ug/ml
14) N-DOTRIACONTANE	19.122	5145498	48.851 ug/ml
15) N-TETRATRIACONTANE	19.911	4618856	48.473 ug/mlm
16) N-HEXATRIACONTANE	20.655	3880136	51.929 ug/mlm
17) N-OCTATRIACONTANE	21.448	3297595	54.998 ug/mlm
18) N-TETRACONTANE	22.454	2945389	70.075 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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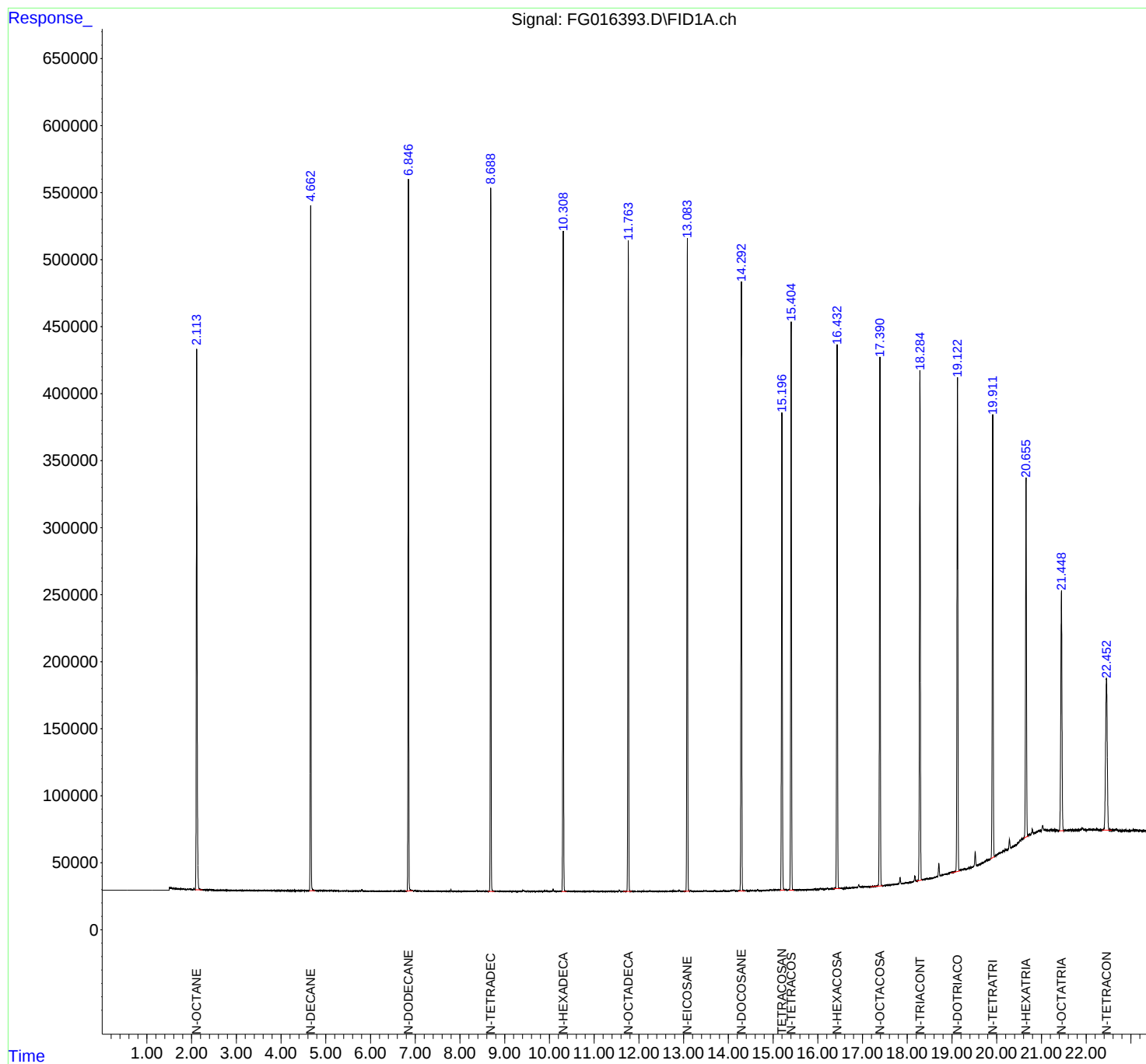
Instrument :
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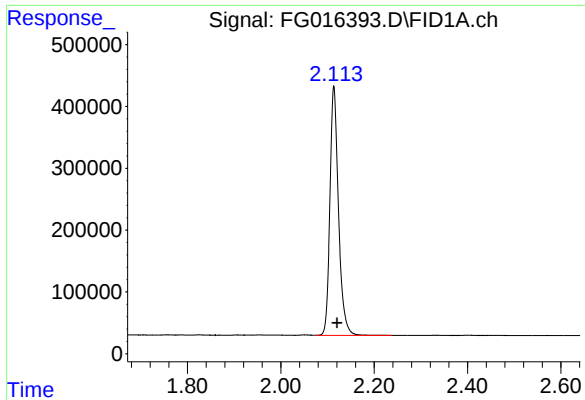
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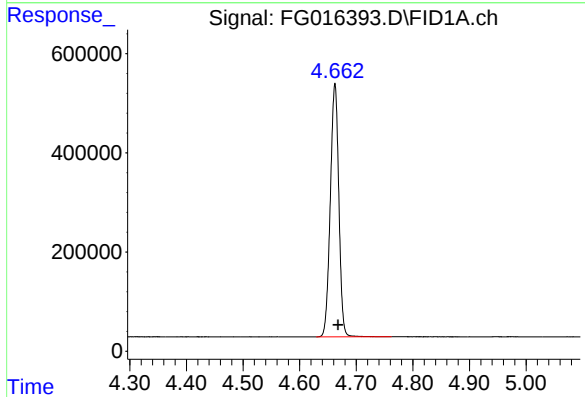
#1 N-OCTANE

R.T.: 2.114 min
Delta R.T.: -0.006 min
Response: 5138697
Conc: 48.42 ug/ml

Instrument :
FID_G
ClientSampleId :

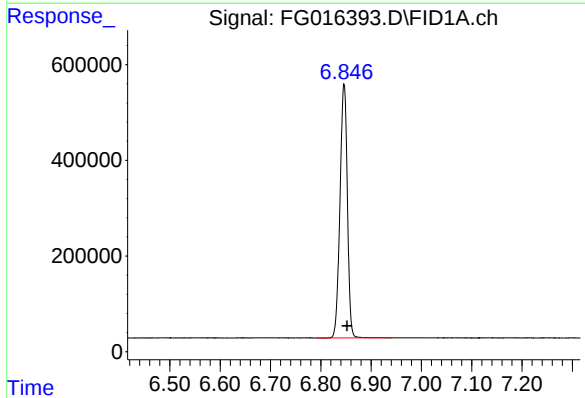
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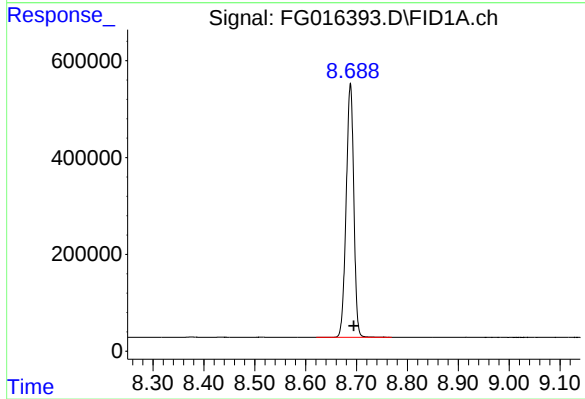
#2 N-DECANE

R.T.: 4.662 min
Delta R.T.: -0.006 min
Response: 5325195
Conc: 49.28 ug/ml



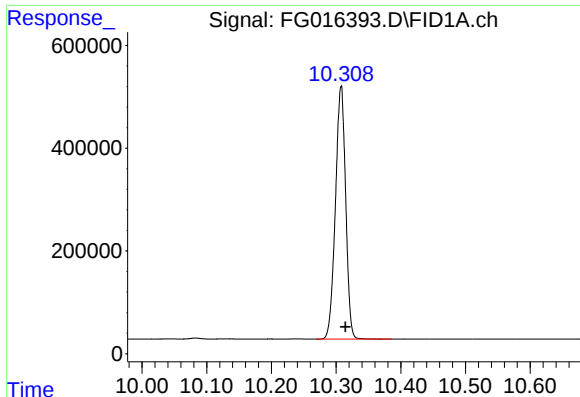
#3 N-DODECANE

R.T.: 6.846 min
Delta R.T.: -0.006 min
Response: 5395272
Conc: 49.64 ug/ml



#4 N-TETRADECANE

R.T.: 8.688 min
Delta R.T.: -0.007 min
Response: 5451257
Conc: 49.86 ug/ml



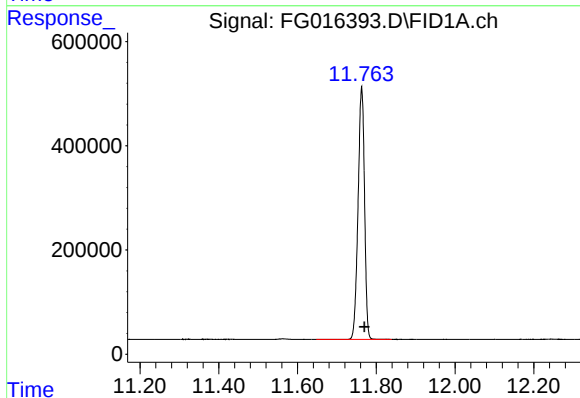
#5 N-HEXADECANE

R.T.: 10.308 min
Delta R.T.: -0.007 min
Response: 5415864
Conc: 49.82 ug/ml

Instrument :
FID_G
ClientSampleId :

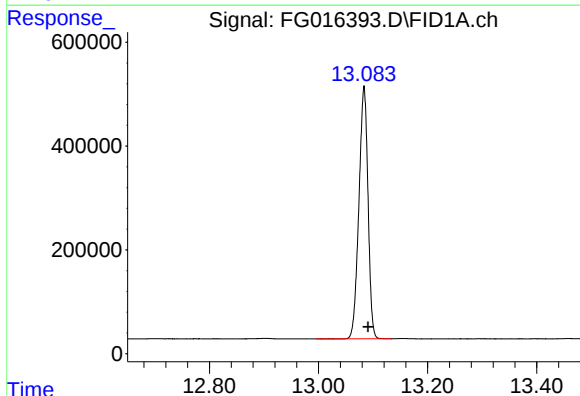
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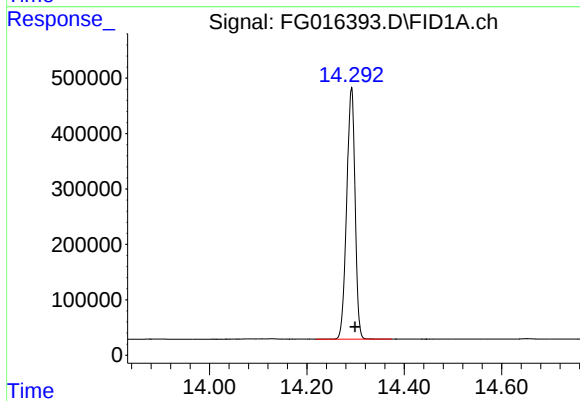
#6 N-OCTADECANE

R.T.: 11.763 min
Delta R.T.: -0.007 min
Response: 5508889
Conc: 49.80 ug/ml



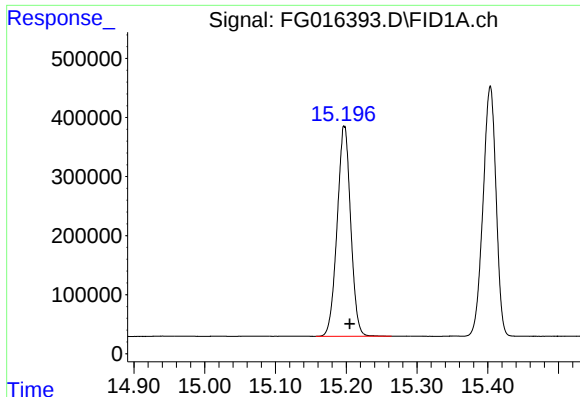
#7 N-EICOSANE

R.T.: 13.084 min
Delta R.T.: -0.007 min
Response: 5617243
Conc: 49.70 ug/ml



#8 N-DOCOSANE

R.T.: 14.292 min
Delta R.T.: -0.008 min
Response: 5449593
Conc: 49.61 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.197 min
Delta R.T.: -0.008 min
Response: 4733827
Conc: 49.69 ug/ml

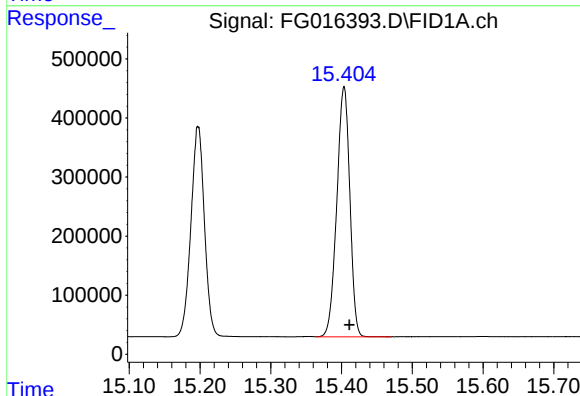
Instrument :

FID_G

ClientSampleId :

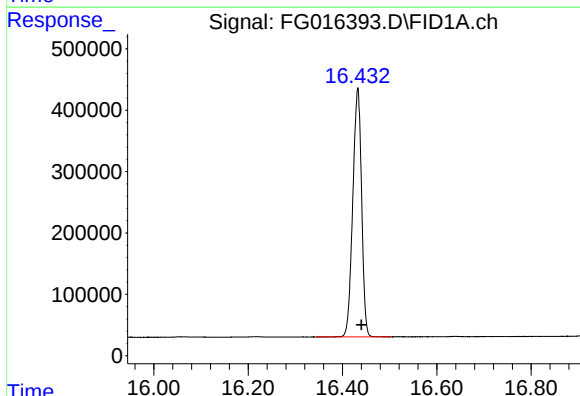
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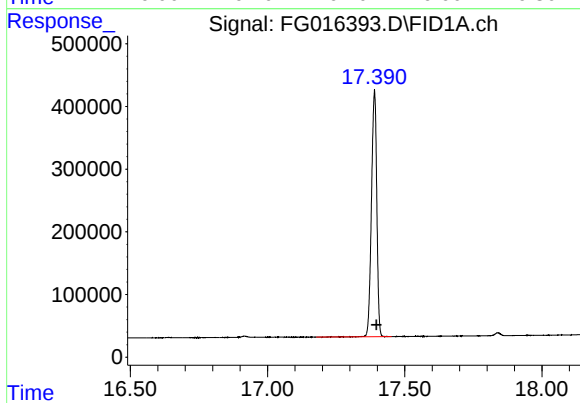
#10 N-TETRACOSANE

R.T.: 15.404 min
Delta R.T.: -0.008 min
Response: 5417408
Conc: 49.44 ug/ml



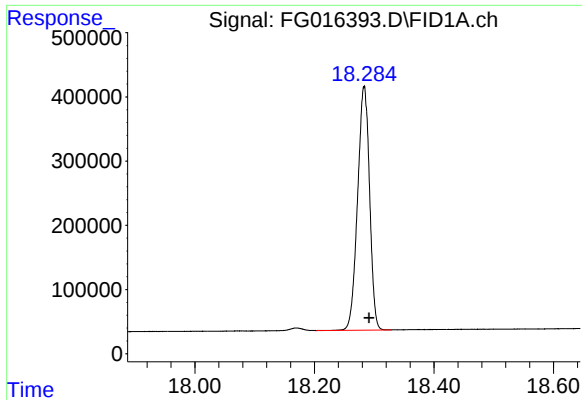
#11 N-HEXACOSANE

R.T.: 16.432 min
Delta R.T.: -0.008 min
Response: 5256693
Conc: 49.15 ug/ml



#12 N-OCTACOSANE

R.T.: 17.390 min
Delta R.T.: -0.007 min
Response: 5276124
Conc: 48.97 ug/ml



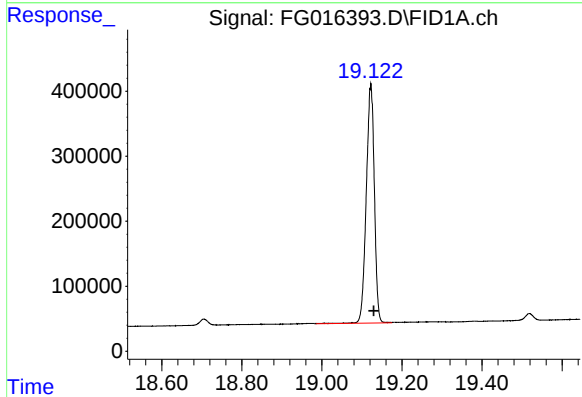
#13 N-TRIACONTANE

R.T.: 18.283 min
Delta R.T.: -0.008 min
Response: 5280978
Conc: 48.47 ug/ml

Instrument :
FID_G
ClientSampleId :

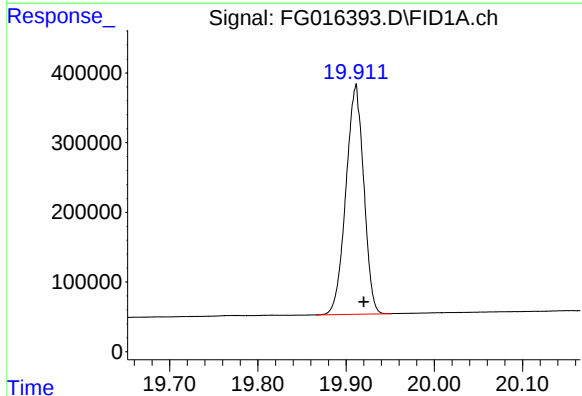
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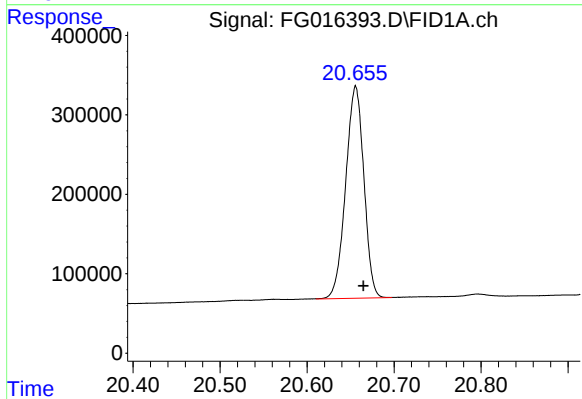
#14 N-DOTRIACONTANE

R.T.: 19.122 min
Delta R.T.: -0.008 min
Response: 5145498
Conc: 48.85 ug/ml



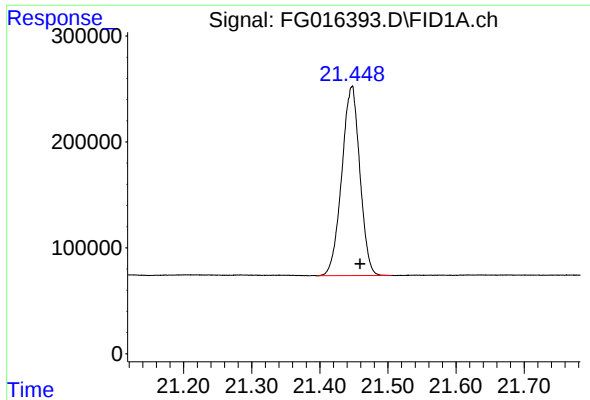
#15 N-TETRATRIACONTANE

R.T.: 19.911 min
Delta R.T.: -0.009 min
Response: 4618856
Conc: 48.47 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.655 min
Delta R.T.: -0.010 min
Response: 3880136
Conc: 51.93 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.448 min
Delta R.T.: -0.011 min
Response: 3297595
Conc: 55.00 ug/ml

Instrument :

FID_G

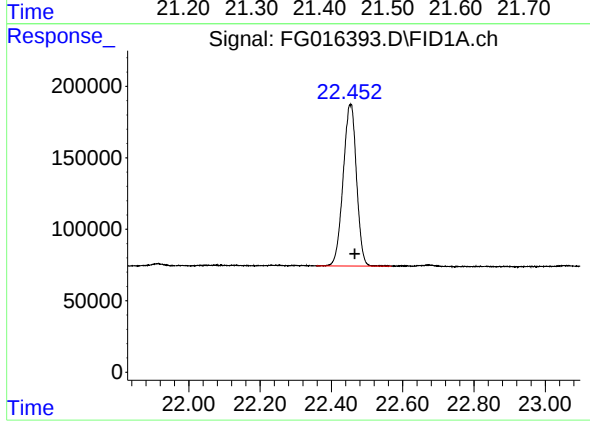
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.454 min
Delta R.T.: -0.012 min
Response: 2945389
Conc: 70.07 ug/ml