

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092022\
 Data File : FG010633.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2022 17:51
 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 09/21/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: Sample.e
 Quant Time: Sep 21 03:51:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 2022
 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...	14.785	6003263	49.052 ug/ml
Target Compounds			
1) N-OCTANE	1.805	5884248	46.757 ug/ml
2) N-DECANE	4.309	7229804	56.404 ug/ml
3) N-DODECANE	6.491	7346601	55.821 ug/ml
4) N-TETRADECANE	8.322	7364327	54.409 ug/ml
5) N-HEXADECANE	9.930	7436083	53.068 ug/ml
6) N-OCTADECANE	11.374	7394488	51.791 ug/ml
7) N-EICOSANE	12.685	7233596	50.662 ug/ml
8) N-DOCOSANE	13.884	6939997	49.802 ug/ml
10) N-TETRACOSANE	14.990	6818143	49.207 ug/ml
11) N-HEXACOSANE	16.011	6629637	48.869 ug/ml
12) N-OCTACOSANE	16.962	6593522	49.859 ug/ml
13) N-TRIACONTANE	17.851	6852065	52.880 ug/ml
14) N-DOTRIACONTANE	18.685	7082696	55.398 ug/ml
15) N-TETRATRIACONTANE	19.471	7379096	59.649 ug/mlm
16) N-HEXATRIACONTANE	20.211	7559069	65.126 ug/ml
17) N-OCTATRIACONTANE	20.923	7849460	68.341 ug/ml
18) N-TETRACONTANE	21.765	7974093	67.634 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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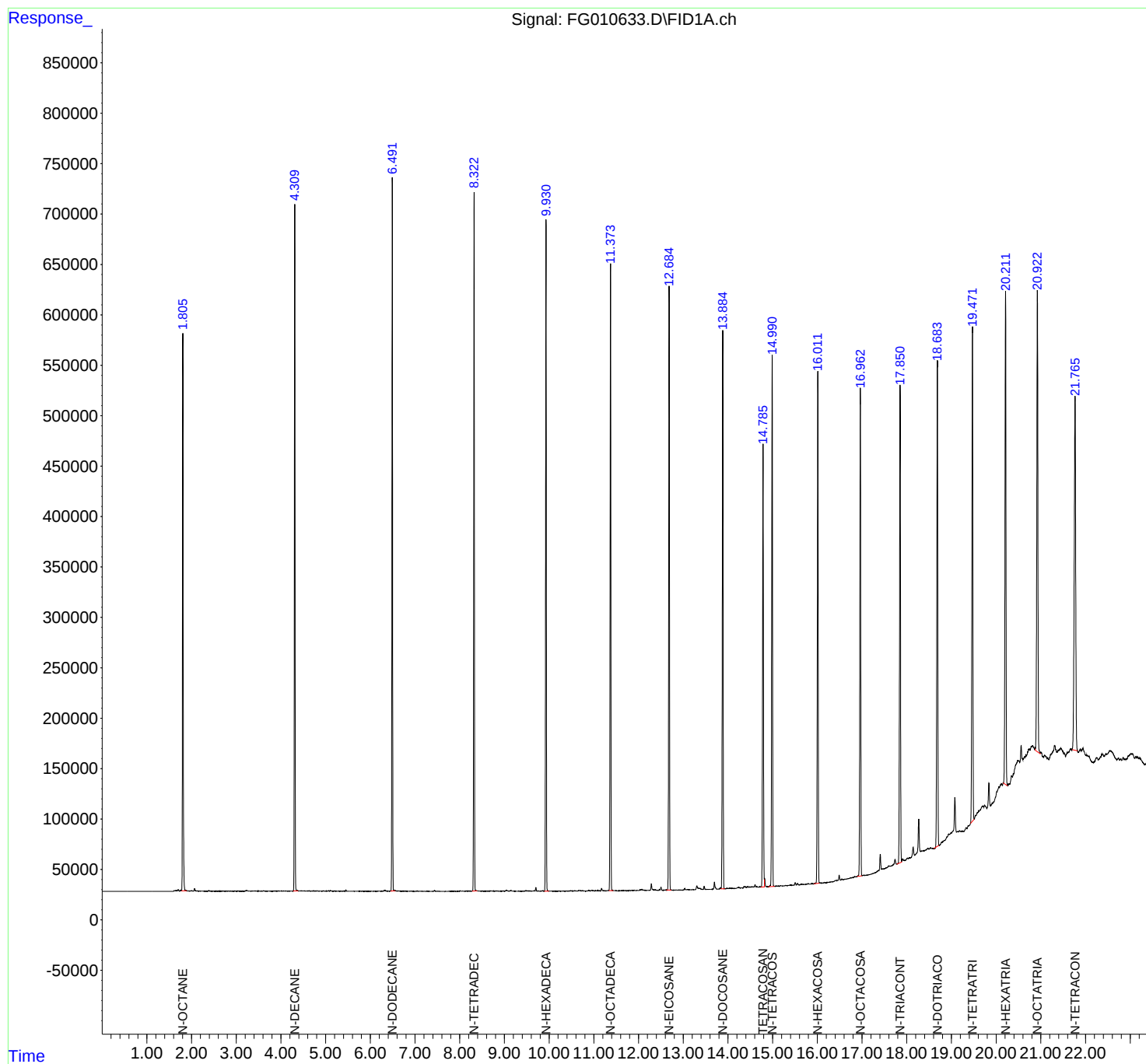
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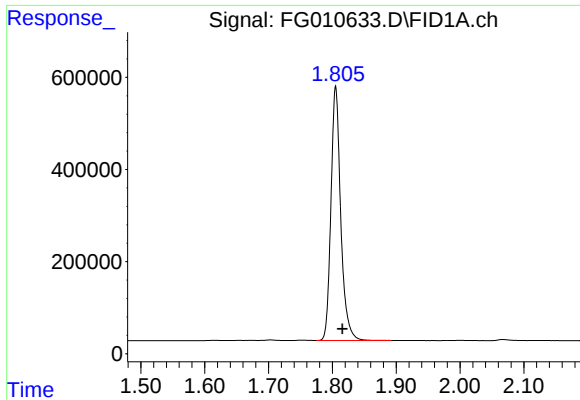
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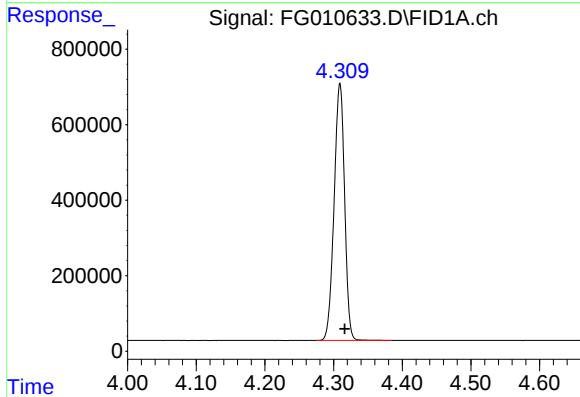
#1 N-OCTANE

R.T.: 1.805 min
Delta R.T.: -0.011 min
Response: 5884248
Conc: 46.76 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

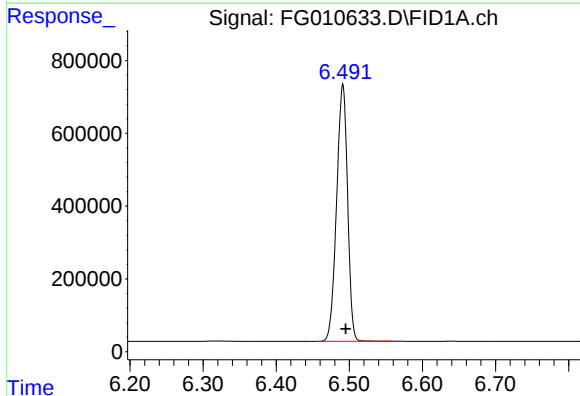
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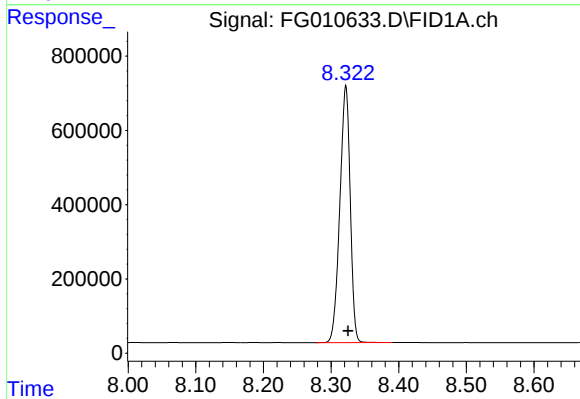
#2 N-DECANE

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 7229804
Conc: 56.40 ug/ml



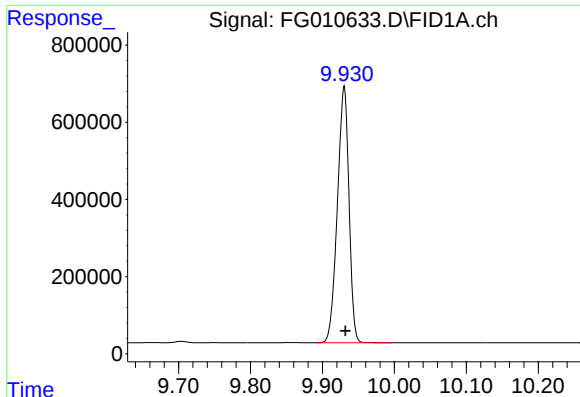
#3 N-DODECANE

R.T.: 6.491 min
Delta R.T.: -0.004 min
Response: 7346601
Conc: 55.82 ug/ml



#4 N-TETRADECANE

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 7364327
Conc: 54.41 ug/ml



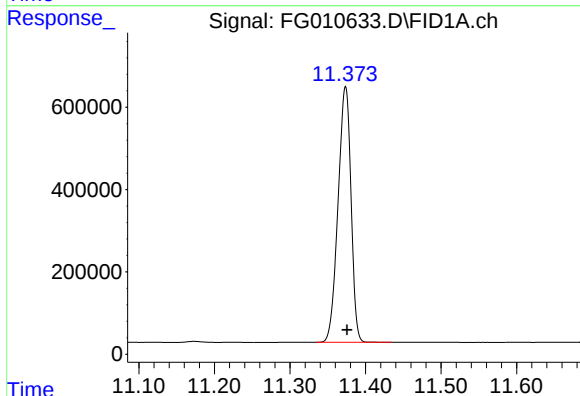
#5 N-HEXADECANE

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 7436083
Conc: 53.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

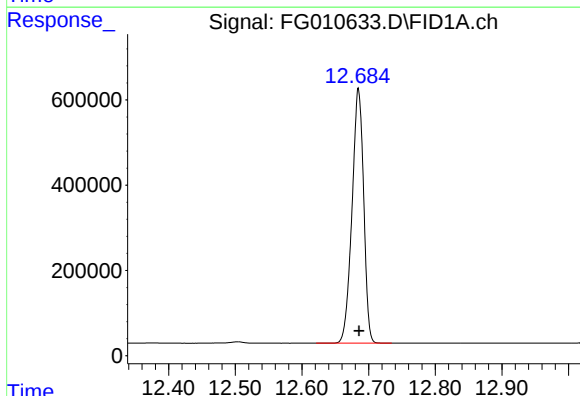
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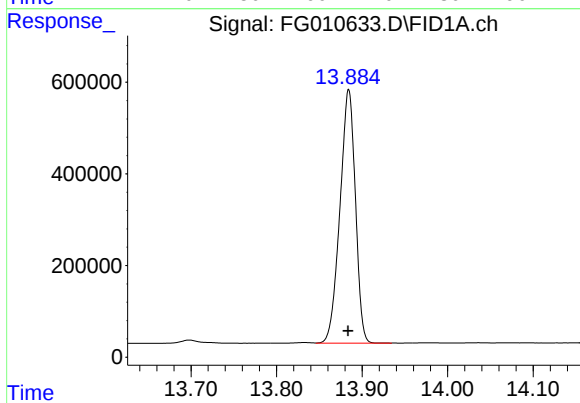
#6 N-OCTADECANE

R.T.: 11.374 min
Delta R.T.: -0.002 min
Response: 7394488
Conc: 51.79 ug/ml



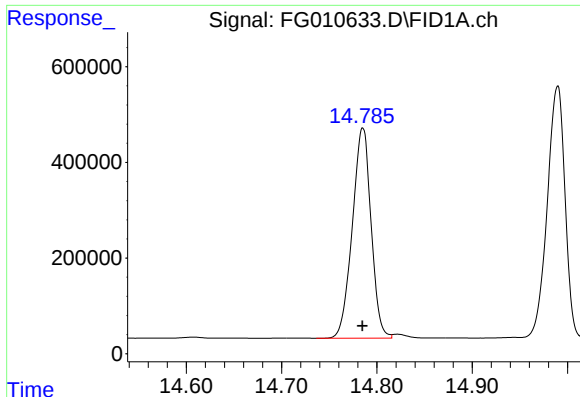
#7 N-EICOSANE

R.T.: 12.685 min
Delta R.T.: 0.000 min
Response: 7233596
Conc: 50.66 ug/ml



#8 N-DOCOSANE

R.T.: 13.884 min
Delta R.T.: 0.000 min
Response: 6939997
Conc: 49.80 ug/ml



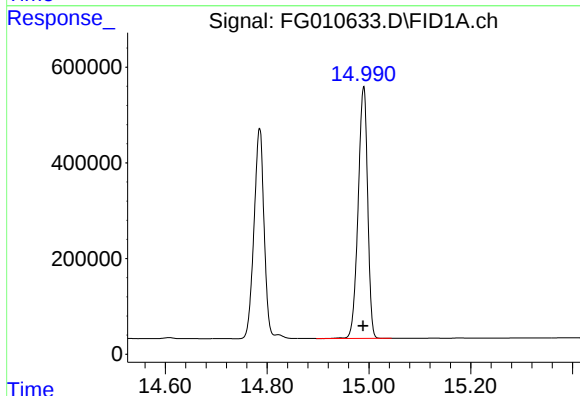
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.785 min
Delta R.T.: 0.000 min
Response: 6003263
Conc: 49.05 ug/ml

Instrument :
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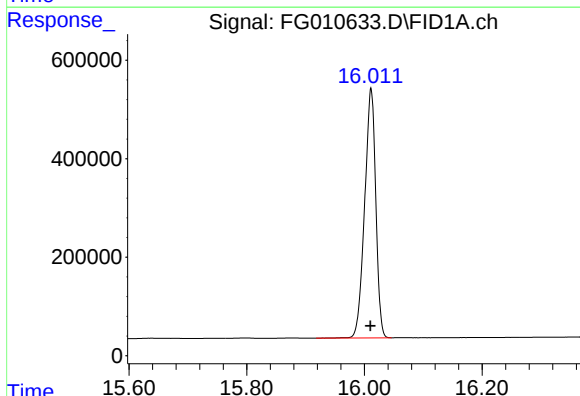
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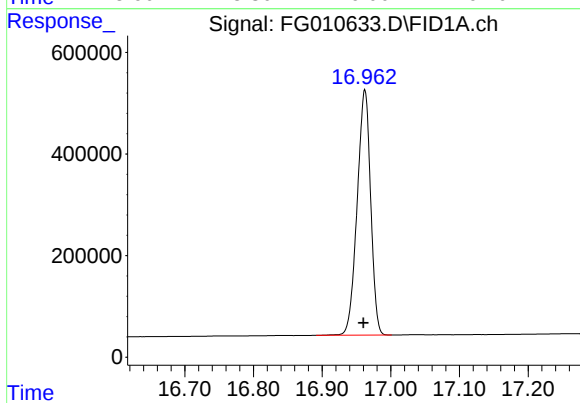
#10 N-TETRACOSANE

R.T.: 14.990 min
Delta R.T.: 0.001 min
Response: 6818143
Conc: 49.21 ug/ml



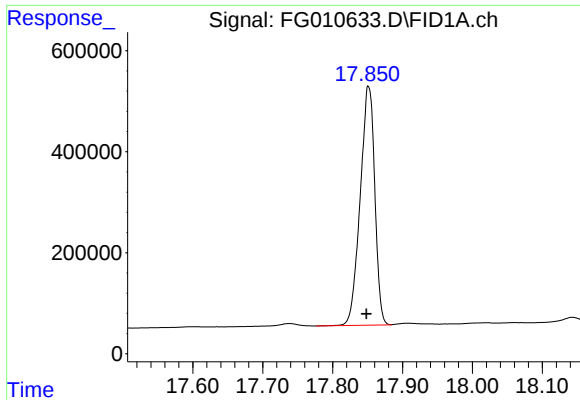
#11 N-HEXACOSANE

R.T.: 16.011 min
Delta R.T.: 0.001 min
Response: 6629637
Conc: 48.87 ug/ml



#12 N-OCTACOSANE

R.T.: 16.962 min
Delta R.T.: 0.002 min
Response: 6593522
Conc: 49.86 ug/ml



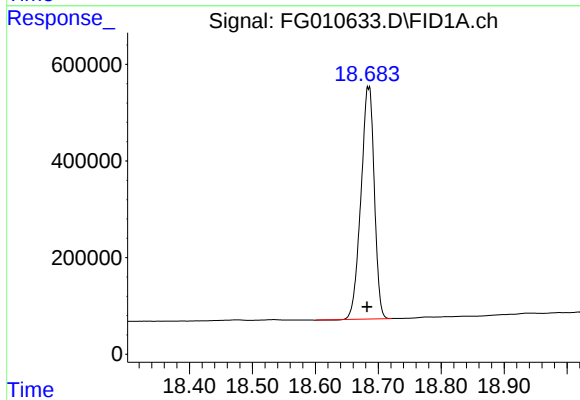
#13 N-TRIACONTANE

R.T.: 17.851 min
Delta R.T.: 0.003 min
Response: 6852065
Conc: 52.88 ug/ml

Instrument :
FID_G
ClientSampleId :
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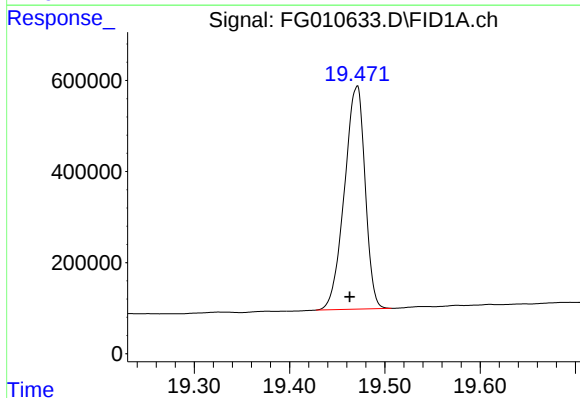
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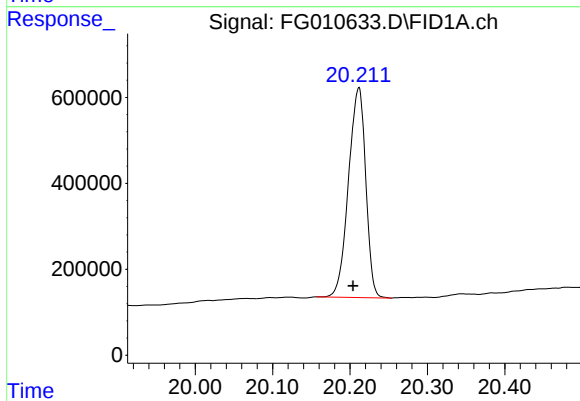
#14 N-DOTRIACONTANE

R.T.: 18.685 min
Delta R.T.: 0.002 min
Response: 7082696
Conc: 55.40 ug/ml



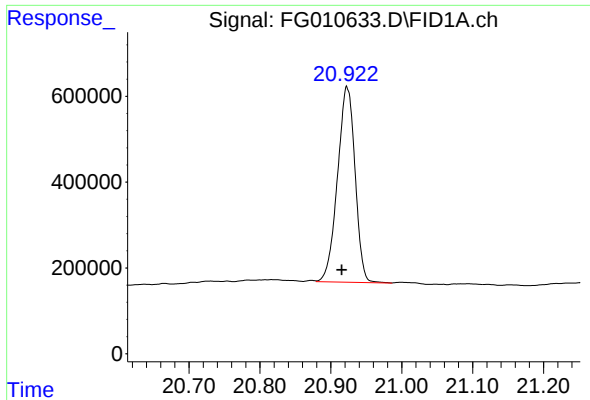
#15 N-TETRATRIACONTANE

R.T.: 19.471 min
Delta R.T.: 0.008 min
Response: 7379096
Conc: 59.65 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.211 min
Delta R.T.: 0.008 min
Response: 7559069
Conc: 65.13 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.923 min
Delta R.T.: 0.007 min
Response: 7849460
Conc: 68.34 ug/ml

Instrument :

FID_G

ClientSampleId :

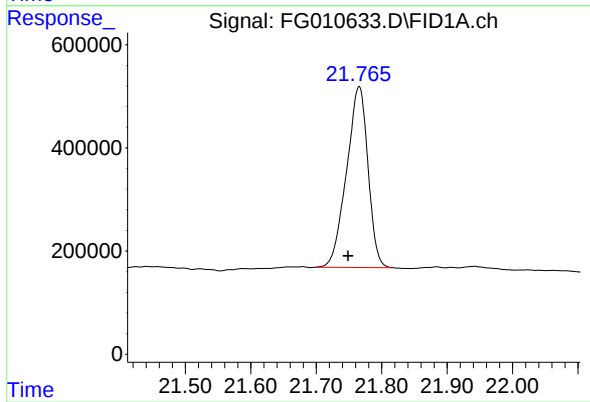
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#18 N-TETRACONTANE

R.T.: 21.765 min
Delta R.T.: 0.016 min
Response: 7974093
Conc: 67.63 ug/ml m