

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112321\
 Data File : FG009098.D
 Signal(s) : FID1A.ch
 Acq On : 23 Nov 2021 19:09
 Operator : AJ\MA
 Sample : FG112321ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FG112321ICV

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 01:02:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:59:46 2021
 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...	14.760	6125438	52.523 ug/ml
Target Compounds			
1) N-OCTANE	2.336	7391685	50.499 ug/ml
2) N-DECANE	4.440	7569181	51.101 ug/ml
3) N-DODECANE	6.471	7671593	51.826 ug/ml
4) N-TETRADECANE	8.275	7669047	53.004 ug/ml
5) N-HEXADECANE	9.884	7529627	53.252 ug/ml
6) N-OCTADECANE	11.333	7623028	52.569 ug/ml
7) N-EICOSANE	12.650	7516856	52.543 ug/ml
8) N-DOCOSANE	13.855	7220169	52.622 ug/ml
10) N-TETRACOSANE	14.965	6940738	52.739 ug/ml
11) N-HEXACOSANE	15.991	6472309	52.828 ug/ml
12) N-OCTACOSANE	16.946	5958364	52.258 ug/ml
13) N-TRIACONTANE	17.837	5495800	50.804 ug/ml
14) N-DOTRIACONTANE	18.674	5133236	49.927 ug/ml
15) N-TETRATRIACONTANE	19.462	4947564	50.025 ug/mlm
16) N-HEXATRIACONTANE	20.205	4726239	50.291 ug/ml
17) N-OCTATRIACONTANE	20.964	4700916	50.693 ug/ml
18) N-TETRACONTANE	21.910	4743619	48.201 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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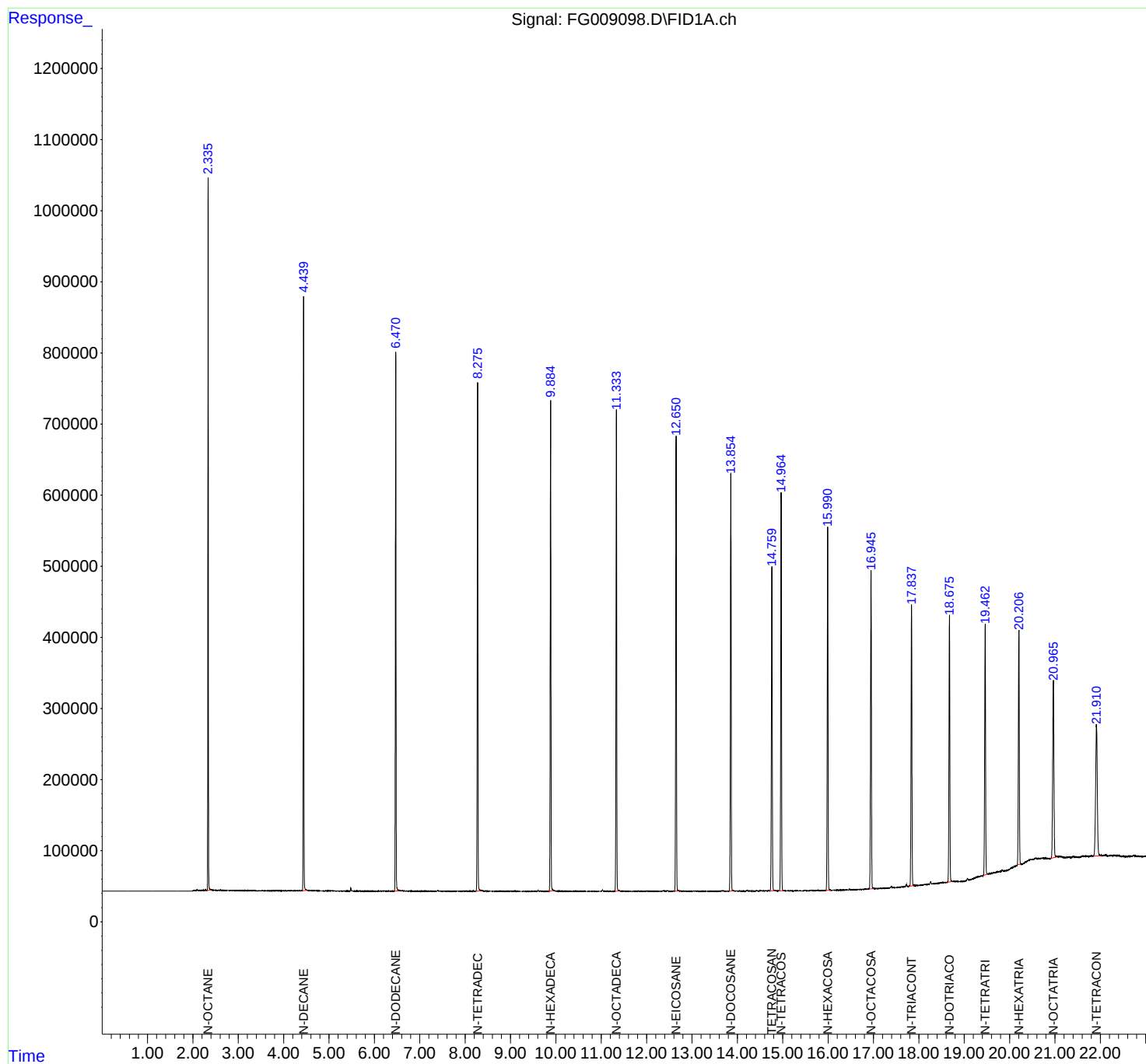
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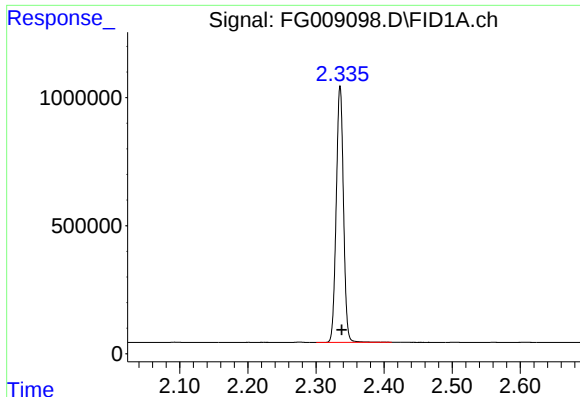
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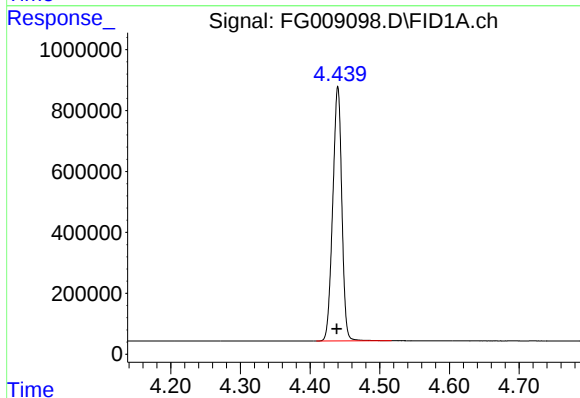
#1 N-OCTANE

R.T.: 2.336 min
Delta R.T.: -0.002 min
Response: 7391685
Conc: 50.50 ug/ml

Instrument :
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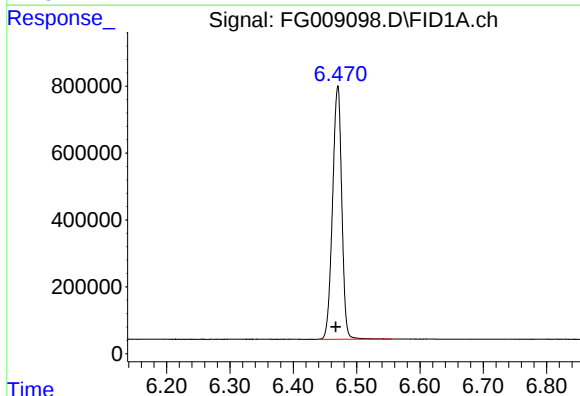
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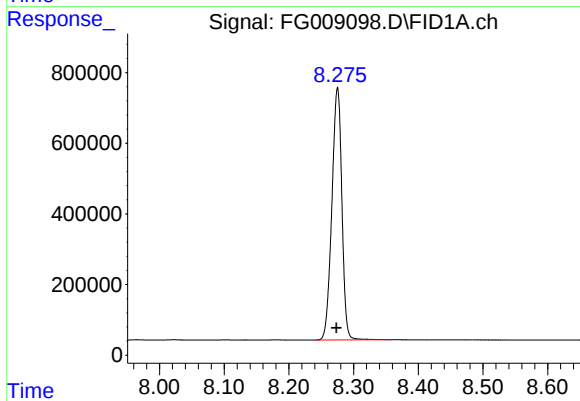
#2 N-DECANE

R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 7569181
Conc: 51.10 ug/ml



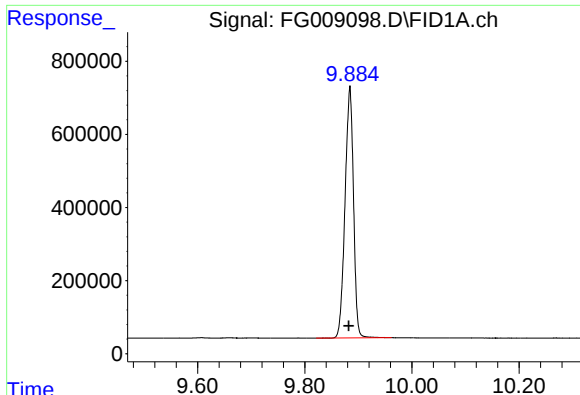
#3 N-DODECANE

R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 7671593
Conc: 51.83 ug/ml



#4 N-TETRADECANE

R.T.: 8.275 min
Delta R.T.: 0.002 min
Response: 7669047
Conc: 53.00 ug/ml



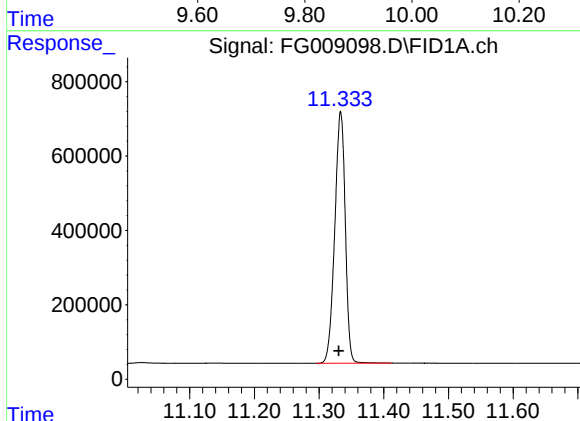
#5 N-HEXADECANE

R.T.: 9.884 min
Delta R.T.: 0.002 min
Response: 7529627
Conc: 53.25 ug/ml

Instrument :
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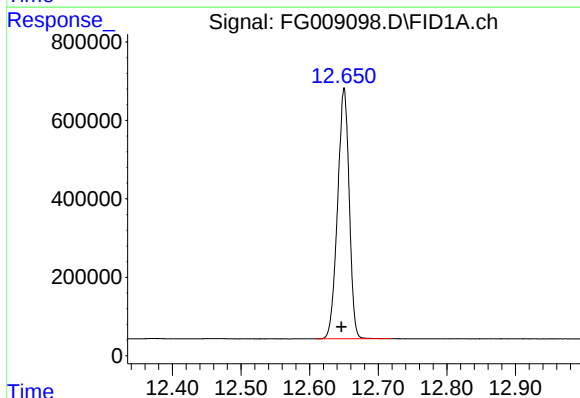
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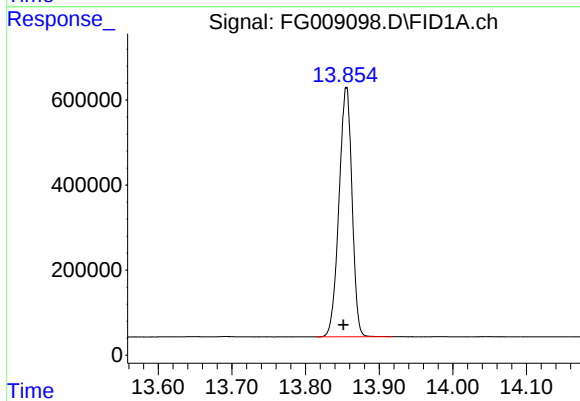
#6 N-OCTADECANE

R.T.: 11.333 min
Delta R.T.: 0.003 min
Response: 7623028
Conc: 52.57 ug/ml



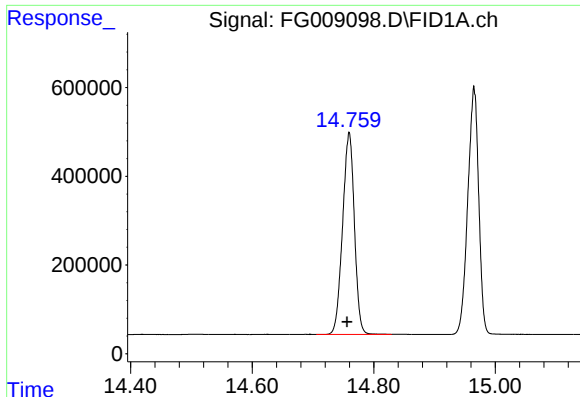
#7 N-EICOSANE

R.T.: 12.650 min
Delta R.T.: 0.004 min
Response: 7516856
Conc: 52.54 ug/ml



#8 N-DOCOSANE

R.T.: 13.855 min
Delta R.T.: 0.004 min
Response: 7220169
Conc: 52.62 ug/ml



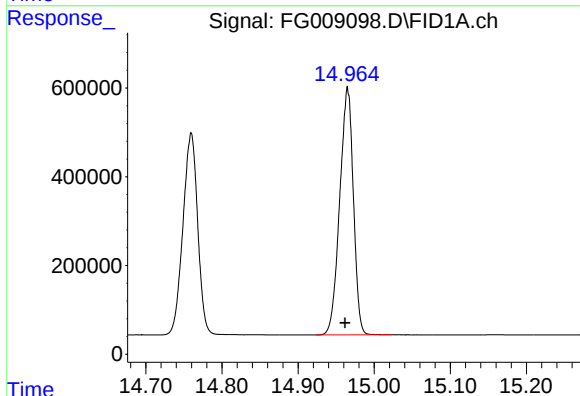
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.760 min
Delta R.T.: 0.003 min
Response: 6125438
Conc: 52.52 ug/ml

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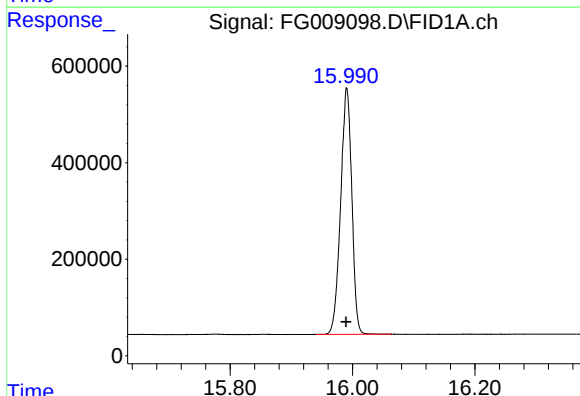
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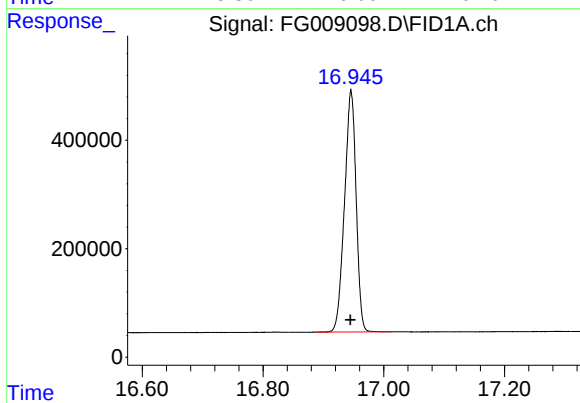
#10 N-TETRACOSANE

R.T.: 14.965 min
Delta R.T.: 0.003 min
Response: 6940738
Conc: 52.74 ug/ml



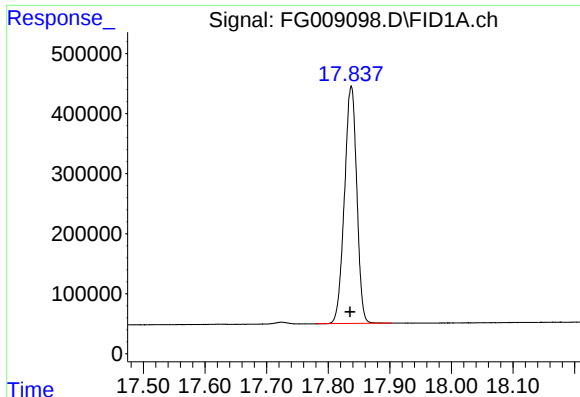
#11 N-HEXACOSANE

R.T.: 15.991 min
Delta R.T.: 0.001 min
Response: 6472309
Conc: 52.83 ug/ml



#12 N-OCTACOSANE

R.T.: 16.946 min
Delta R.T.: 0.001 min
Response: 5958364
Conc: 52.26 ug/ml



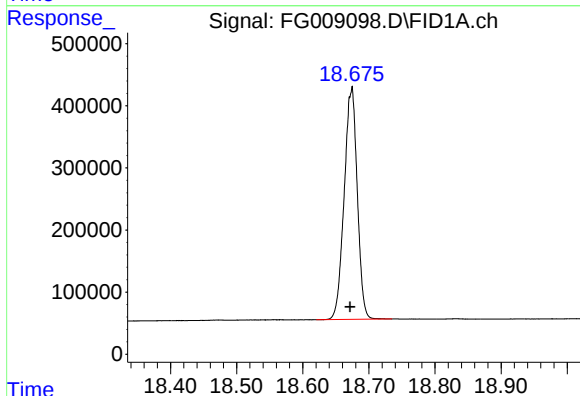
#13 N-TRIACONTANE

R.T.: 17.837 min
Delta R.T.: 0.002 min
Response: 5495800
Conc: 50.80 ug/ml

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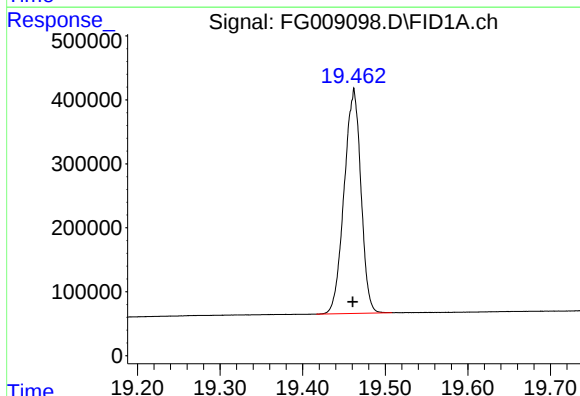
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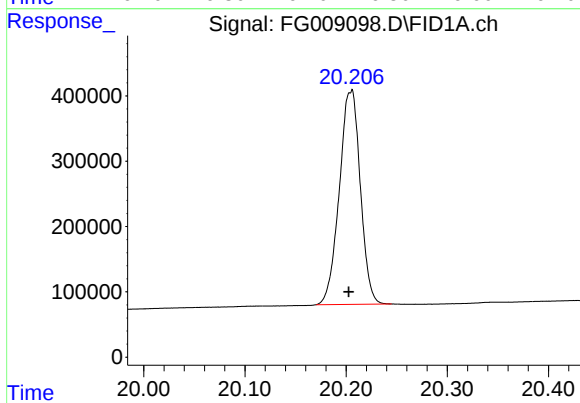
#14 N-DOTRIACONTANE

R.T.: 18.674 min
Delta R.T.: 0.003 min
Response: 5133236
Conc: 49.93 ug/ml



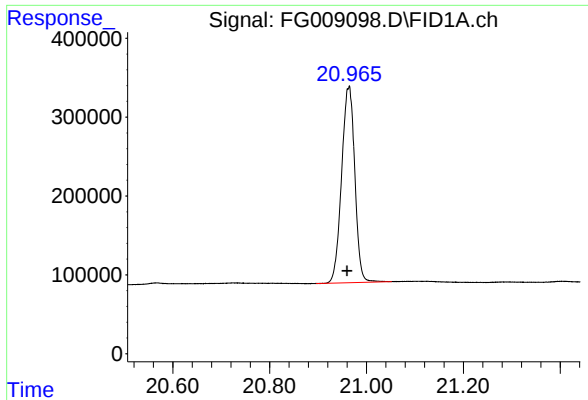
#15 N-TETRATRIACONTANE

R.T.: 19.462 min
Delta R.T.: 0.001 min
Response: 4947564
Conc: 50.03 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.205 min
Delta R.T.: 0.002 min
Response: 4726239
Conc: 50.29 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.964 min
Delta R.T.: 0.004 min
Response: 4700916
Conc: 50.69 ug/ml

Instrument :

FID_G

ClientSampleId :

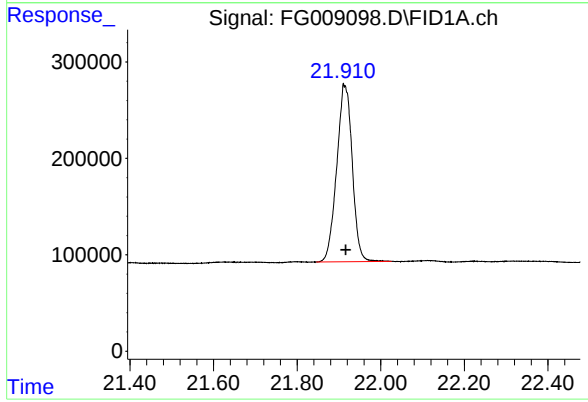
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#18 N-TETRACONTANE

R.T.: 21.910 min
Delta R.T.: -0.006 min
Response: 4743619
Conc: 48.20 ug/ml m