

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111521\
 Data File : FG009076.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2021 18:07
 Operator : AJ\MA
 Sample : PB140769BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB140769BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/16/2021
 Supervised By :mohammad ahmed 11/16/2021

Integration File: autoint1.e
 Quant Time: Nov 16 00:58:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
 Quant Title :
 QLast Update : Tue Nov 02 01:56:13 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...	14.752	2006147	17.382 ug/ml
Target Compounds			
1) N-OCTANE	2.334	2639896	19.576 ug/ml
2) N-DECANE	4.439	2628653	19.441 ug/ml
3) N-DODECANE	6.467	2602820	19.169 ug/ml
4) N-TETRADECANE	8.270	2536395	19.097 ug/ml
5) N-HEXADECANE	9.879	2469682	18.630 ug/ml
6) N-OCTADECANE	11.327	2502305	18.250 ug/ml
7) N-EICOSANE	12.643	2452094	17.927 ug/ml
8) N-DOCOSANE	13.848	2352936	17.581 ug/ml
10) N-TETRACOSANE	14.957	2310252	17.490 ug/ml
11) N-HEXACOSANE	15.983	2228405	17.502 ug/ml
12) N-OCTACOSANE	16.937	2194977	17.854 ug/ml
13) N-TRIACONTANE	17.829	2190442	18.708 ug/ml
14) N-DOTRIACONTANE	18.665	2152772	19.774 ug/mlm
15) N-TETRATRIACONTANE	19.452	2115704	20.828 ug/mlm
16) N-HEXATRIACONTANE	20.196	2094772	22.209 ug/mlm
17) N-OCTATRIACONTANE	20.954	1923421	21.739 ug/ml
18) N-TETRACONTANE	21.900	1968794	22.285 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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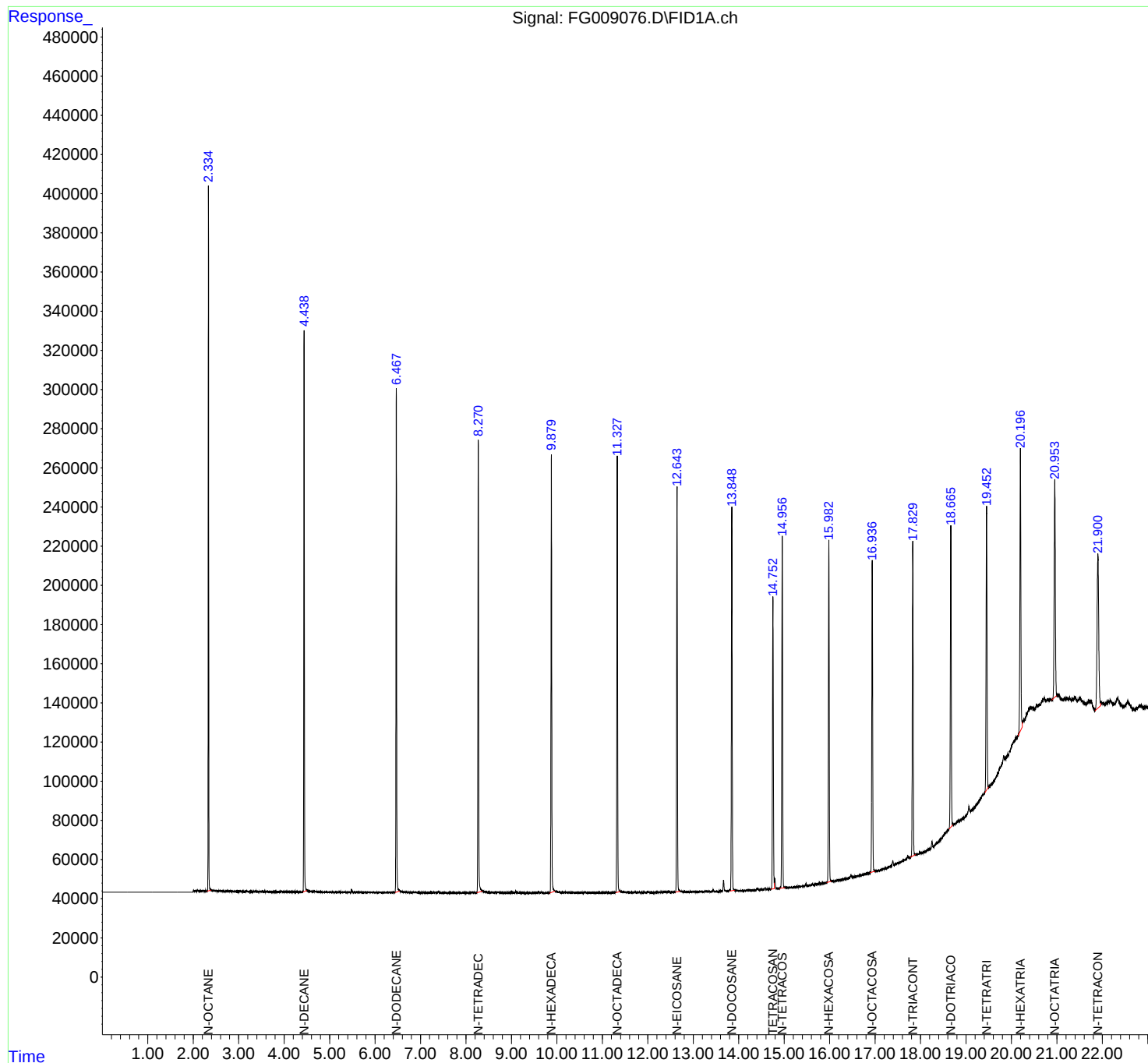
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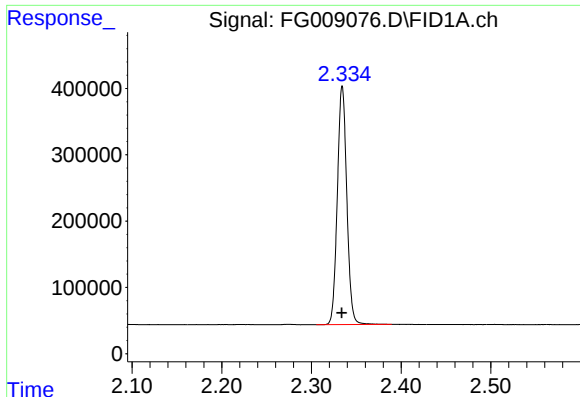
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#1 N-OCTANE

R.T.: 2.334 min
Delta R.T.: 0.000 min
Response: 2639896
Conc: 19.58 ug/ml

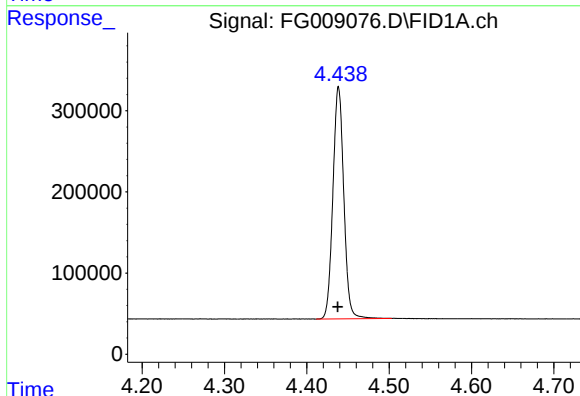
Instrument :

FID_G

ClientSampleId :
PB140769BS

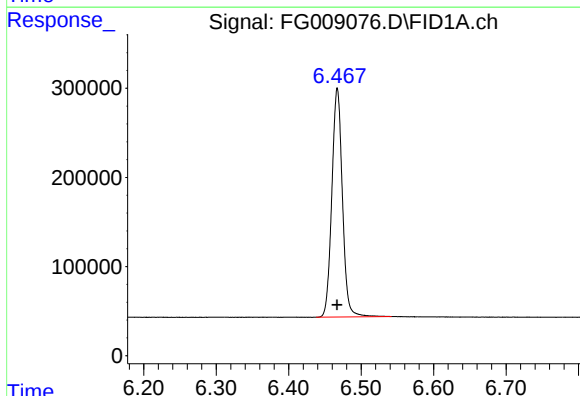
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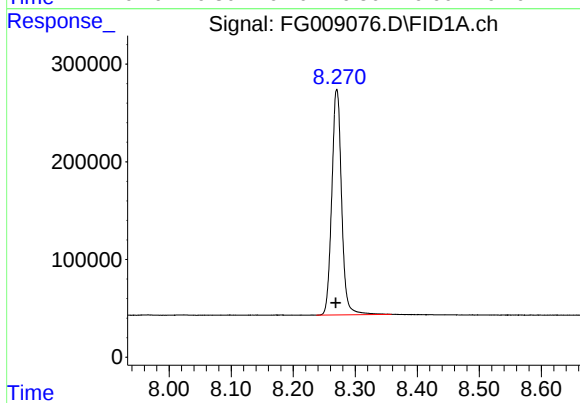
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 2628653
Conc: 19.44 ug/ml



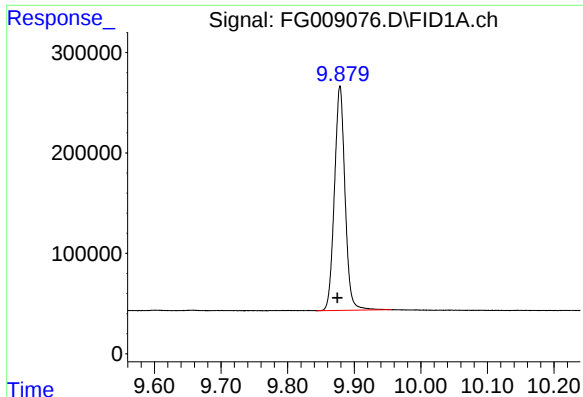
#3 N-DODECANE

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2602820
Conc: 19.17 ug/ml



#4 N-TETRADECANE

R.T.: 8.270 min
Delta R.T.: 0.002 min
Response: 2536395
Conc: 19.10 ug/ml



#5 N-HEXADECANE

R.T.: 9.879 min
Delta R.T.: 0.004 min
Response: 2469682
Conc: 18.63 ug/ml

Instrument :

FID_G

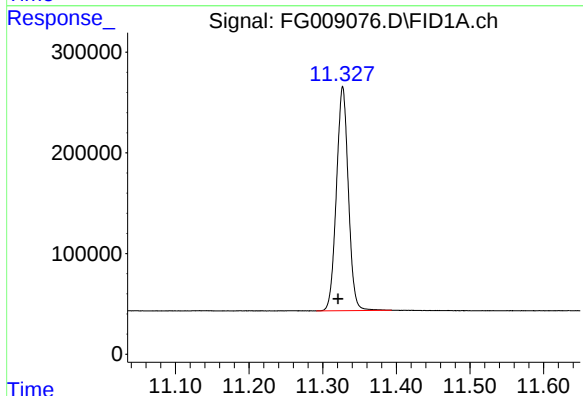
ClientSampleId :

PB140769BS

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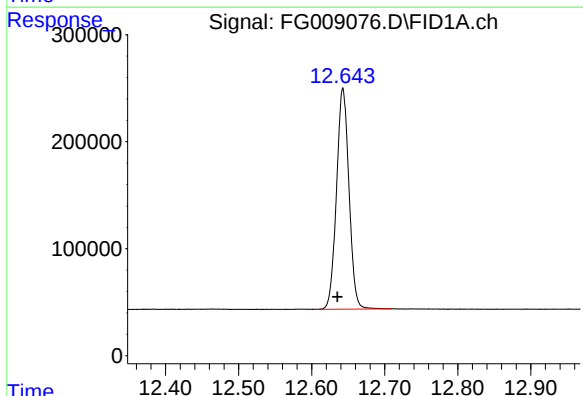
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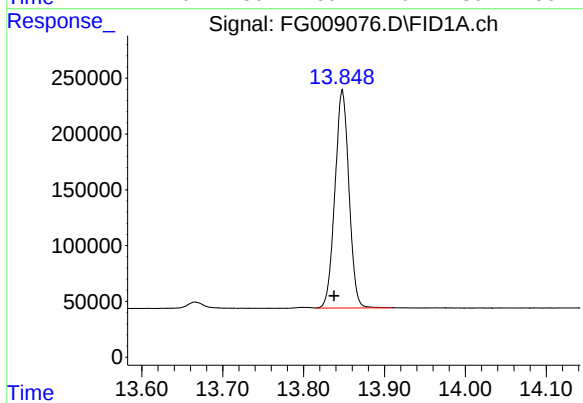
#6 N-OCTADECANE

R.T.: 11.327 min
Delta R.T.: 0.006 min
Response: 2502305
Conc: 18.25 ug/ml



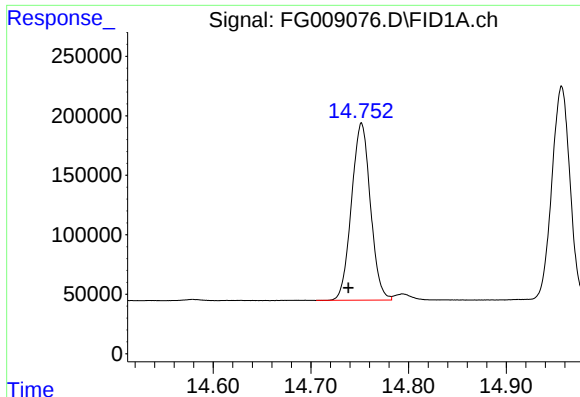
#7 N-EICOSANE

R.T.: 12.643 min
Delta R.T.: 0.007 min
Response: 2452094
Conc: 17.93 ug/ml



#8 N-DOCOSANE

R.T.: 13.848 min
Delta R.T.: 0.010 min
Response: 2352936
Conc: 17.58 ug/ml



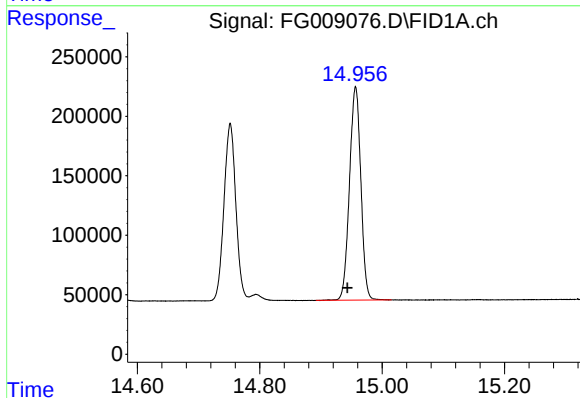
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.752 min
Delta R.T.: 0.014 min
Response: 2006147
Conc: 17.38 ug/ml

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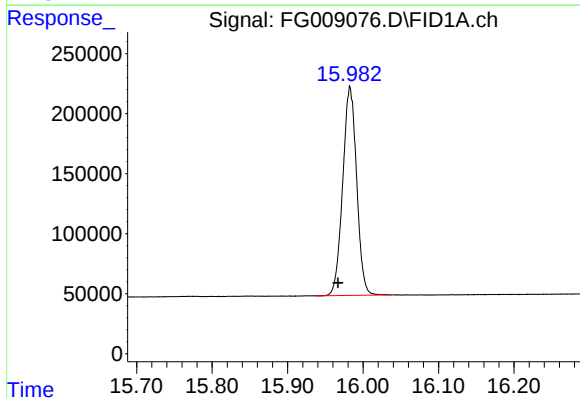
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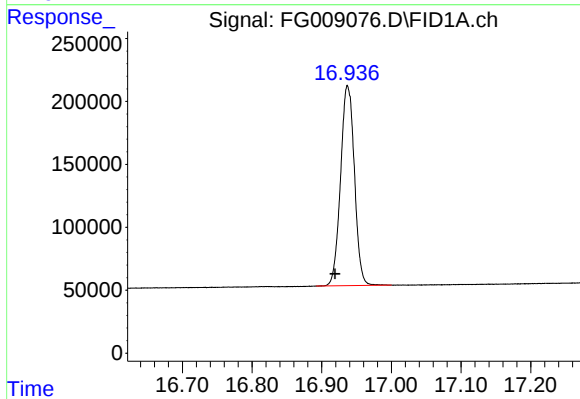
#10 N-TETRACOSANE

R.T.: 14.957 min
Delta R.T.: 0.014 min
Response: 2310252
Conc: 17.49 ug/ml



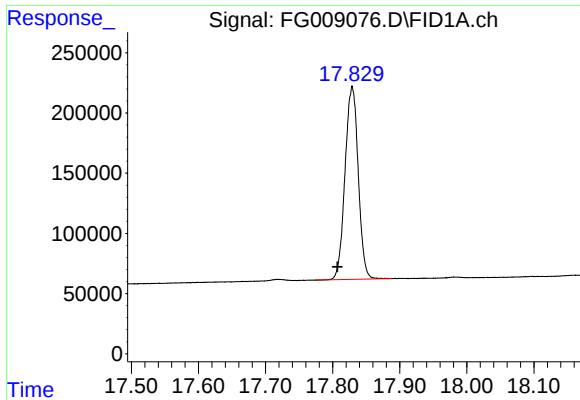
#11 N-HEXACOSANE

R.T.: 15.983 min
Delta R.T.: 0.016 min
Response: 2228405
Conc: 17.50 ug/ml



#12 N-OCTACOSANE

R.T.: 16.937 min
Delta R.T.: 0.018 min
Response: 2194977
Conc: 17.85 ug/ml



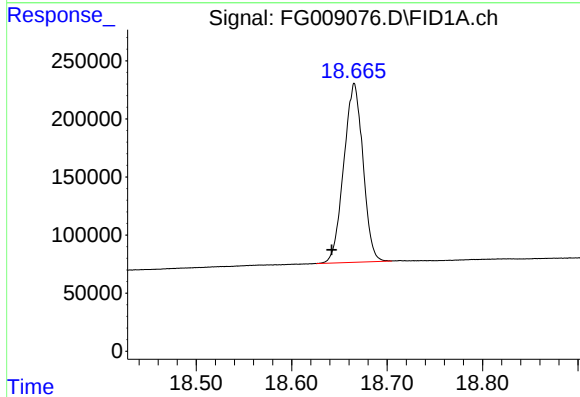
#13 N-TRIACONTANE

R.T.: 17.829 min
Delta R.T.: 0.022 min
Response: 2190442
Conc: 18.71 ug/ml

Instrument :
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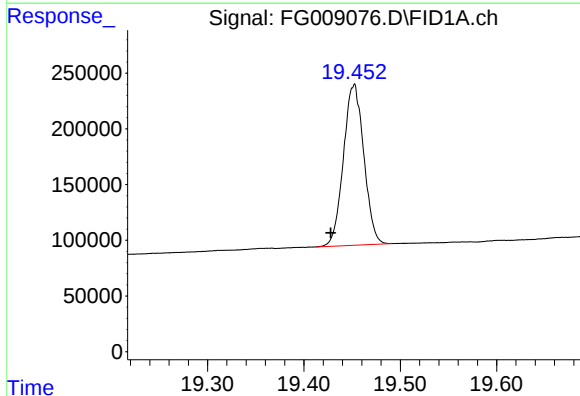
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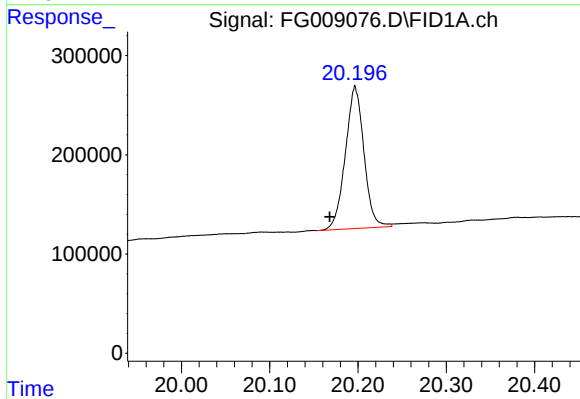
#14 N-DOTRIACONTANE

R.T.: 18.665 min
Delta R.T.: 0.023 min
Response: 2152772
Conc: 19.77 ug/ml m



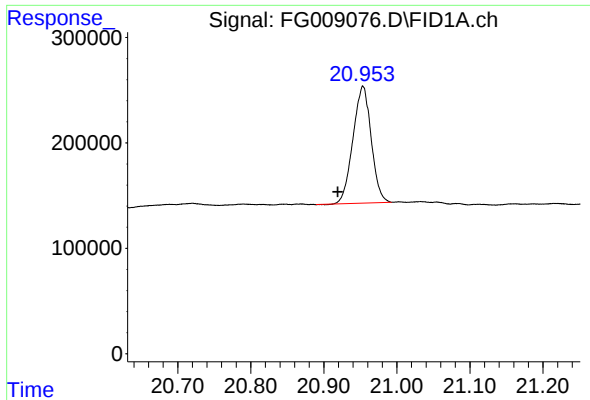
#15 N-TETRATRIACONTANE

R.T.: 19.452 min
Delta R.T.: 0.025 min
Response: 2115704
Conc: 20.83 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.196 min
Delta R.T.: 0.028 min
Response: 2094772
Conc: 22.21 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.954 min
Delta R.T.: 0.035 min
Response: 1923421
Conc: 21.74 ug/ml

Instrument :

FID_G

ClientSampleId :

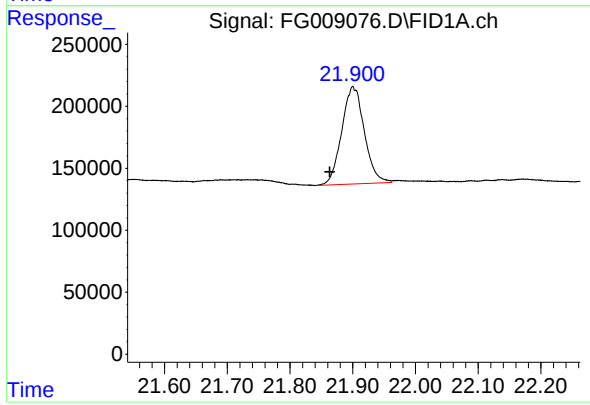
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#18 N-TETRACONTANE

R.T.: 21.900 min
Delta R.T.: 0.037 min
Response: 1968794
Conc: 22.28 ug/ml m