

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111521\
 Data File : FG009077.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2021 18:38
 Operator : AJ\MA
 Sample : PB140769BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB140769BSD

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 00:58:45 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...	14.750	2029233	17.582 ug/ml
Target Compounds			
1) N-OCTANE	2.334	2720246	20.172 ug/ml
2) N-DECANE	4.438	2723229	20.140 ug/ml
3) N-DODECANE	6.467	2704416	19.917 ug/ml
4) N-TETRADECANE	8.270	2630962	19.809 ug/ml
5) N-HEXADECANE	9.878	2559336	19.306 ug/ml
6) N-OCTADECANE	11.328	2597043	18.941 ug/ml
7) N-EICOSANE	12.644	2537146	18.549 ug/ml
8) N-DOCOSANE	13.848	2430358	18.160 ug/ml
10) N-TETRACOSANE	14.957	2377389	17.998 ug/ml
11) N-HEXACOSANE	15.983	2300337	18.067 ug/ml
12) N-OCTACOSANE	16.937	2258965	18.375 ug/ml
13) N-TRIACONTANE	17.829	2251777	19.232 ug/ml
14) N-DOTRIACONTANE	18.666	2218397	20.376 ug/mlm
15) N-TETRATRIACONTANE	19.452	2189782	21.557 ug/mlm
16) N-HEXATRIACONTANE	20.198	2129145	22.573 ug/mlm
17) N-OCTATRIACONTANE	20.950	2009420	22.711 ug/mlm
18) N-TETRACONTANE	21.904	2044223	23.138 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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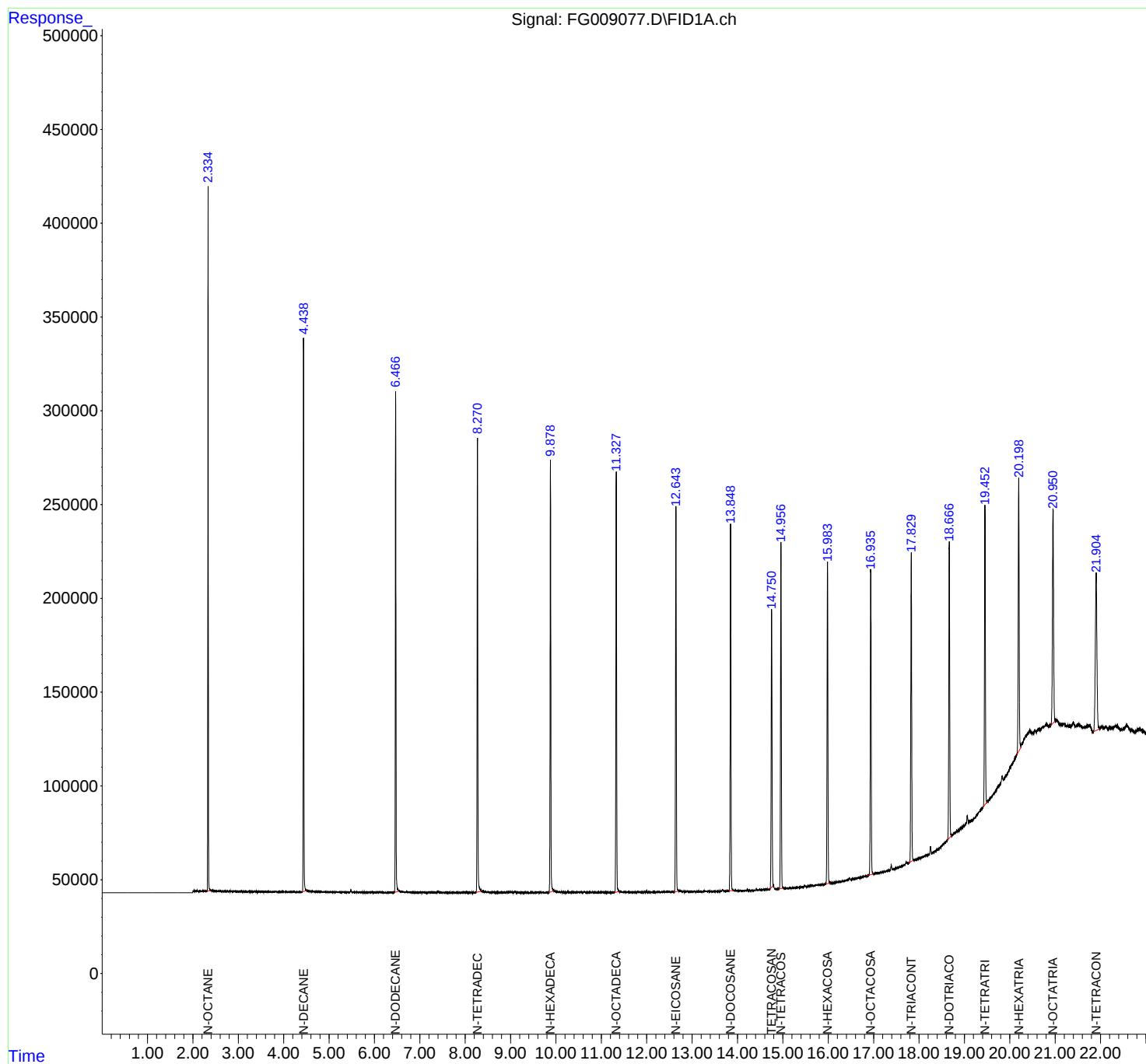
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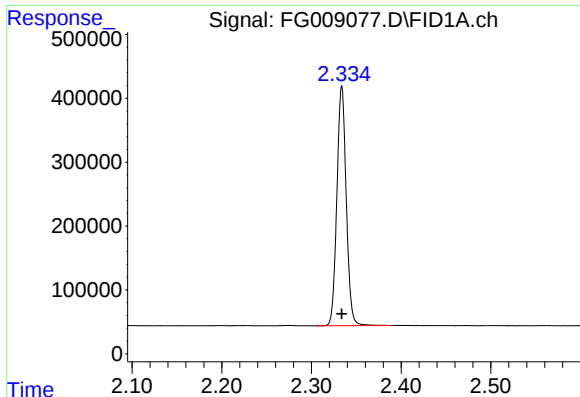
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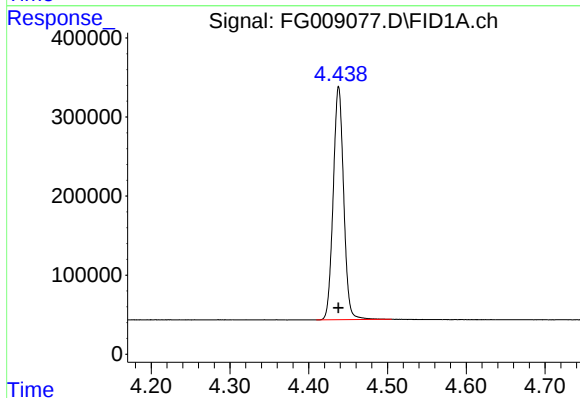
#1 N-OCTANE

R.T.: 2.334 min
Delta R.T.: 0.000 min
Response: 2720246
Conc: 20.17 ug/ml

Instrument :
FID_G
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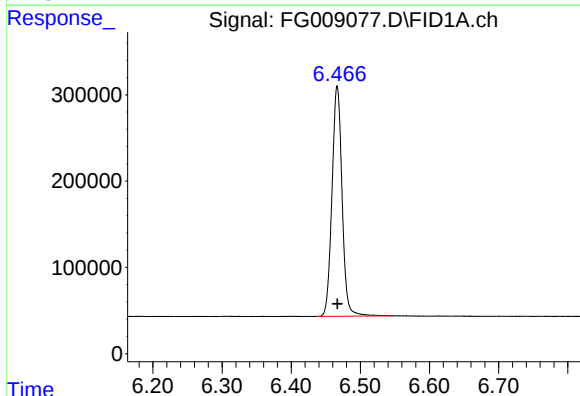
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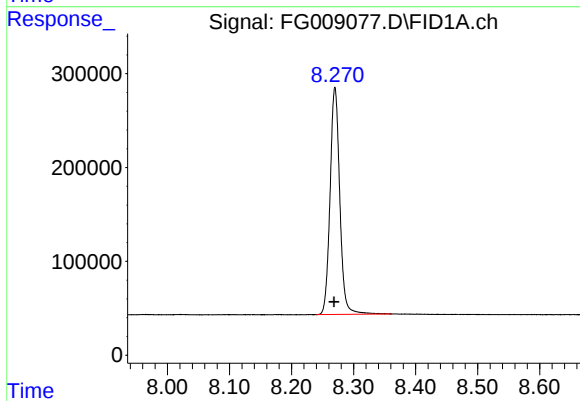
#2 N-DECANE

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 2723229
Conc: 20.14 ug/ml



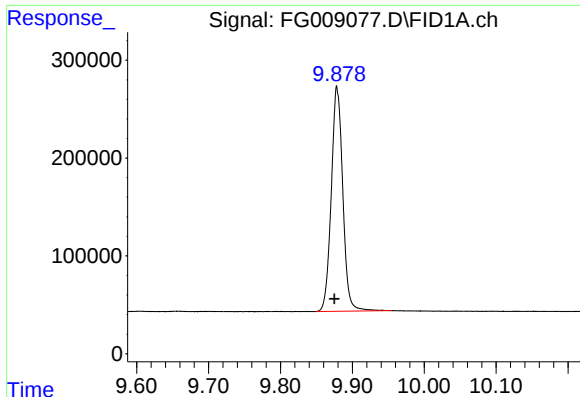
#3 N-DODECANE

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2704416
Conc: 19.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.270 min
Delta R.T.: 0.002 min
Response: 2630962
Conc: 19.81 ug/ml



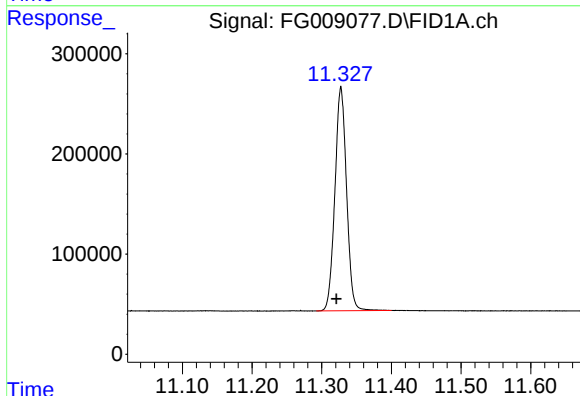
#5 N-HEXADECANE

R.T.: 9.878 min
Delta R.T.: 0.003 min
Response: 2559336
Conc: 19.31 ug/ml

Instrument :
FID_G
ClientSampleId :
PB140769BSD

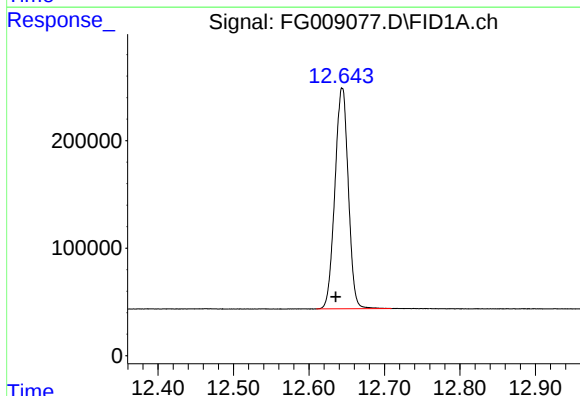
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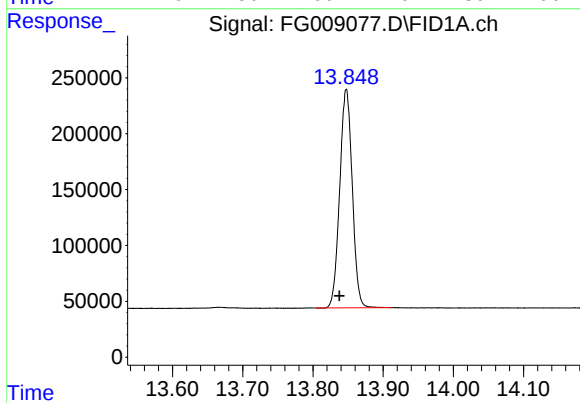
#6 N-OCTADECANE

R.T.: 11.328 min
Delta R.T.: 0.007 min
Response: 2597043
Conc: 18.94 ug/ml



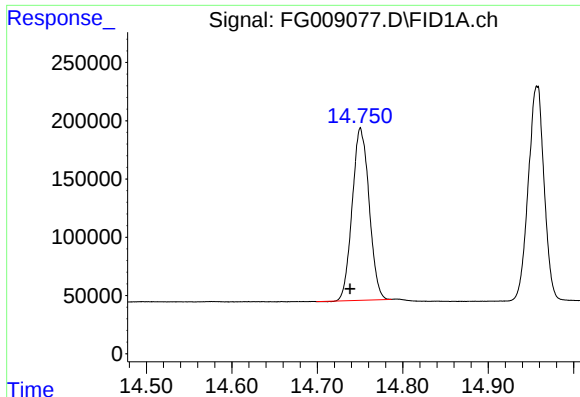
#7 N-EICOSANE

R.T.: 12.644 min
Delta R.T.: 0.009 min
Response: 2537146
Conc: 18.55 ug/ml



#8 N-DOCOSANE

R.T.: 13.848 min
Delta R.T.: 0.010 min
Response: 2430358
Conc: 18.16 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.750 min
Delta R.T.: 0.012 min
Response: 2029233
Conc: 17.58 ug/ml

Instrument :

FID_G

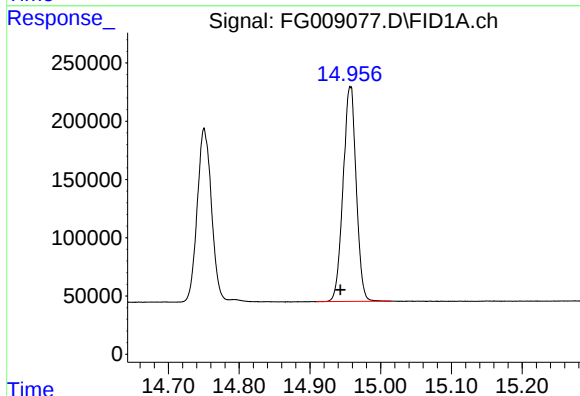
ClientSampleId :

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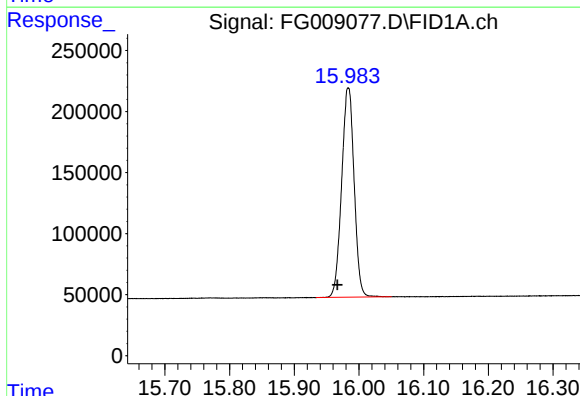
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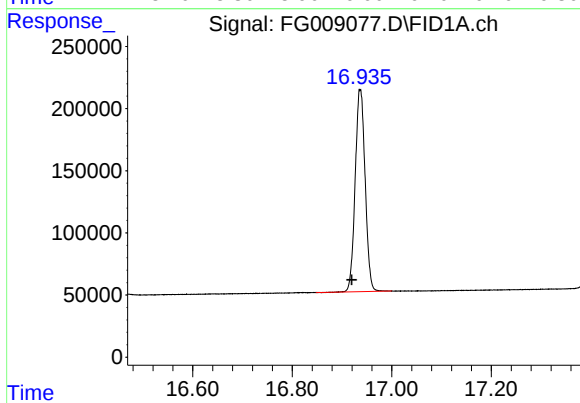
#10 N-TETRACOSANE

R.T.: 14.957 min
Delta R.T.: 0.014 min
Response: 2377389
Conc: 18.00 ug/ml



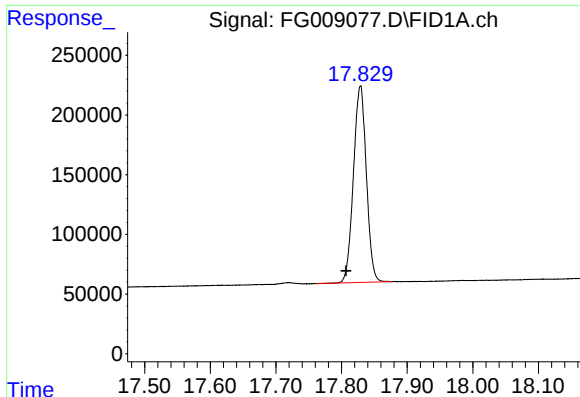
#11 N-HEXACOSANE

R.T.: 15.983 min
Delta R.T.: 0.017 min
Response: 2300337
Conc: 18.07 ug/ml



#12 N-OCTACOSANE

R.T.: 16.937 min
Delta R.T.: 0.017 min
Response: 2258965
Conc: 18.37 ug/ml



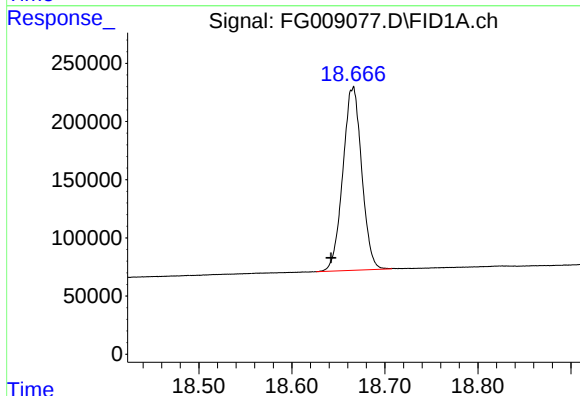
#13 N-TRIACONTANE

R.T.: 17.829 min
Delta R.T.: 0.022 min
Response: 2251777
Conc: 19.23 ug/ml

Instrument :
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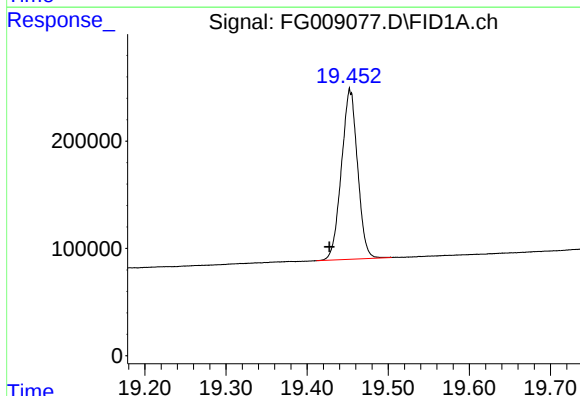
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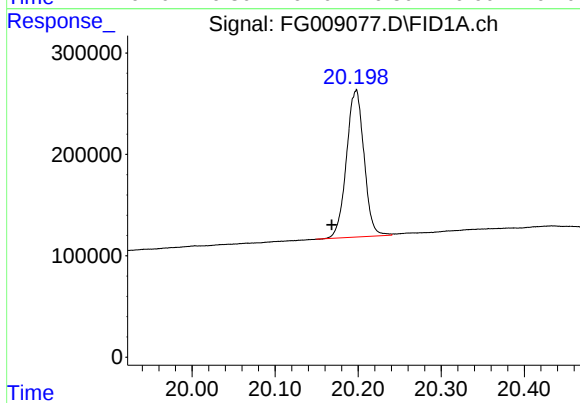
#14 N-DOTRIACONTANE

R.T.: 18.666 min
Delta R.T.: 0.024 min
Response: 2218397
Conc: 20.38 ug/ml m



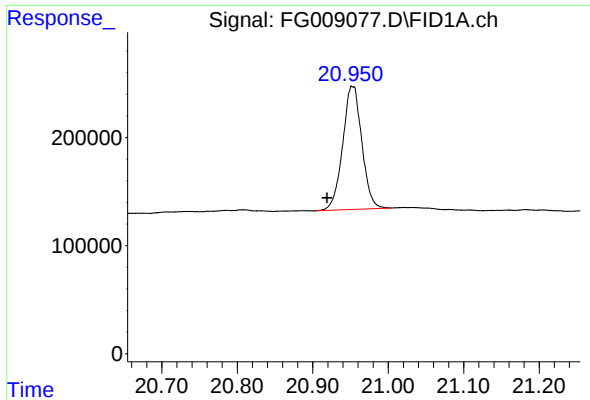
#15 N-TETRATRIACONTANE

R.T.: 19.452 min
Delta R.T.: 0.024 min
Response: 2189782
Conc: 21.56 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.198 min
Delta R.T.: 0.030 min
Response: 2129145
Conc: 22.57 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.950 min
Delta R.T.: 0.031 min
Response: 2009420
Conc: 22.71 ug/ml

Instrument :

FID_G

ClientSampleId :

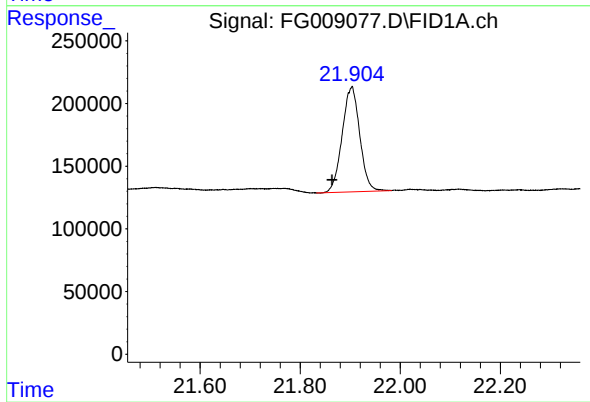
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#18 N-TETRACONTANE

R.T.: 21.904 min
Delta R.T.: 0.041 min
Response: 2044223
Conc: 23.14 ug/ml