

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062422\
 Data File : FG009965.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2022 00:58
 Operator : AJ\MA
 Sample : N3454-10MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14A-1B-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 25 01:52:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 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...	14.834	1347357	12.801 ug/mlm
Target Compounds			
1) N-OCTANE	1.836	1829795	14.602 ug/ml
2) N-DECANE	4.347	2413380	19.110 ug/ml
3) N-DODECANE	6.527	2485778	19.704 ug/ml
4) N-TETRADECANE	8.358	2607963	20.525 ug/ml
5) N-HEXADECANE	9.968	2501264	19.831 ug/ml
6) N-OCTADECANE	11.415	2755840	21.835 ug/ml
7) N-EICOSANE	12.728	2600752	21.265 ug/ml
8) N-DOCOSANE	13.931	2972326	24.650 ug/ml
10) N-TETRACOSANE	15.037	2549633	21.754 ug/mlm
11) N-HEXACOSANE	16.063	2429865	21.418 ug/mlm
12) N-OCTACOSANE	17.016	2390495	20.890 ug/mlm
13) N-TRIACONTANE	17.906	2577907	23.941 ug/mlm
14) N-DOTRIACONTANE	18.738	2191854	20.823 ug/mlm
15) N-TETRATRIACONTANE	19.524	2586016	26.933 ug/mlm
16) N-HEXATRIACONTANE	20.266	2250657	27.849 ug/mlm
17) N-OCTATRIACONTANE	20.984	2836893	39.503 ug/mlm
18) N-TETRACONTANE	21.840	3716026	52.918 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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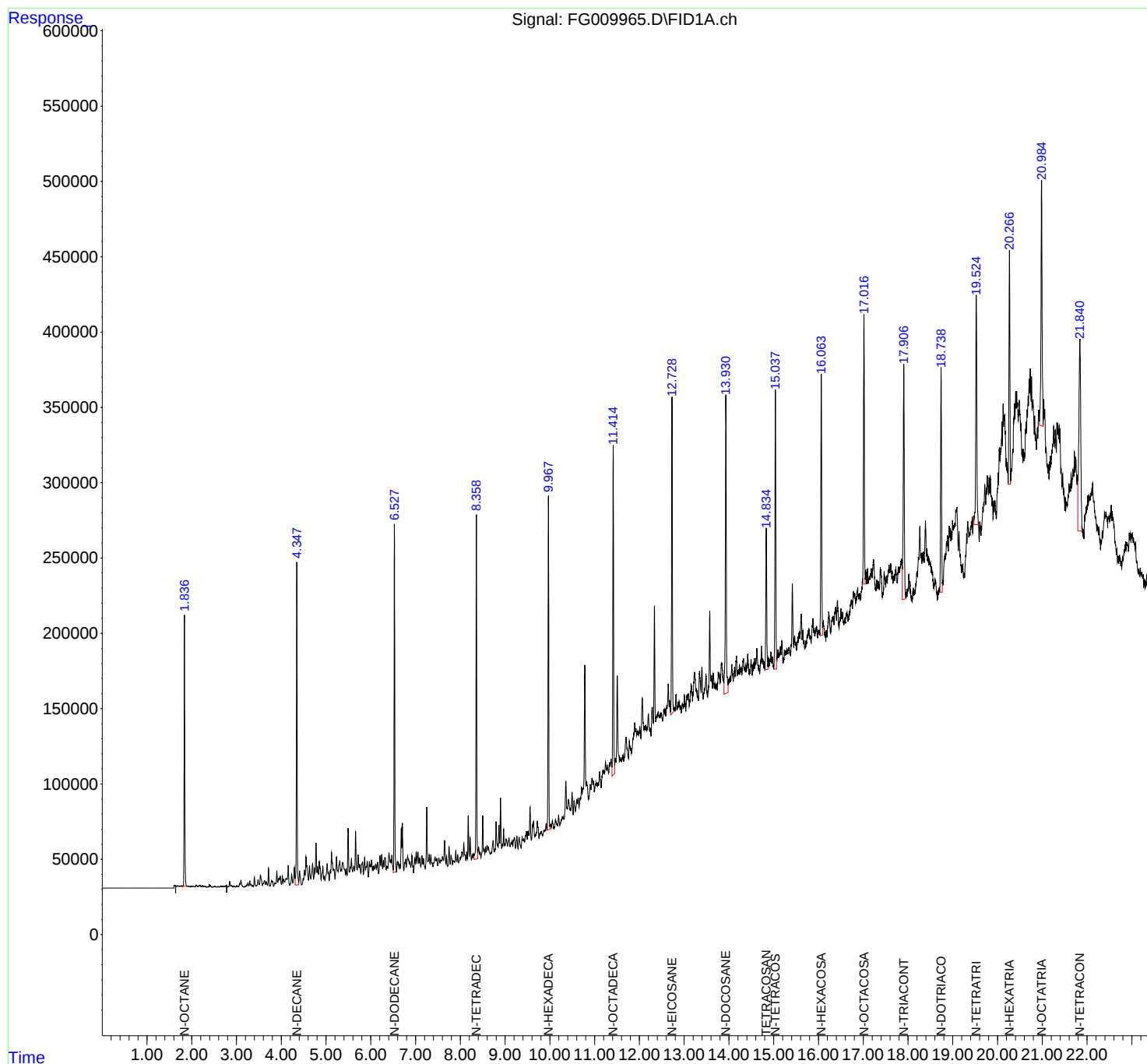
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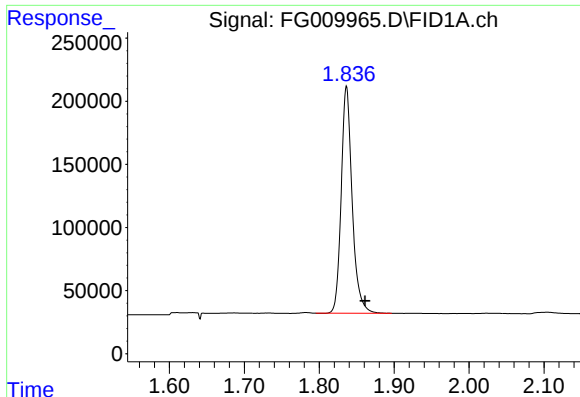
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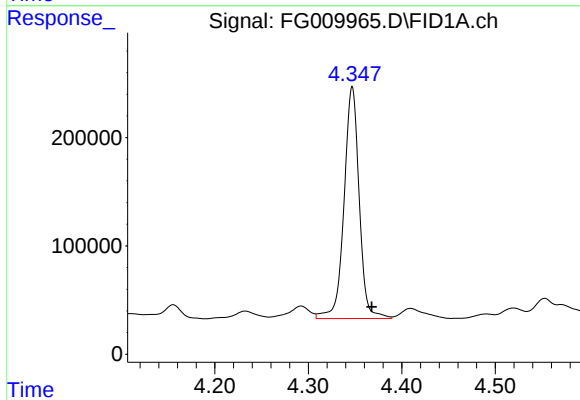
#1 N-OCTANE

R.T.: 1.836 min
Delta R.T.: -0.025 min
Response: 1829795
Conc: 14.60 ug/ml

Instrument :
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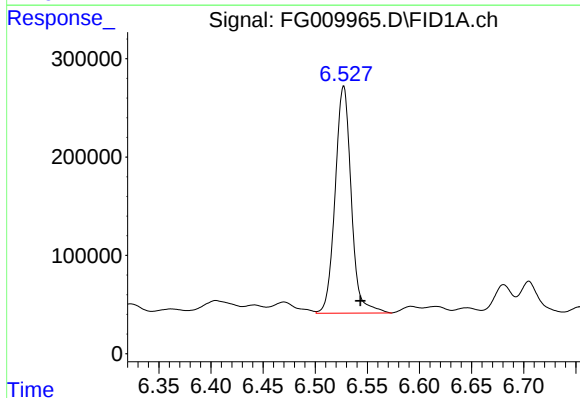
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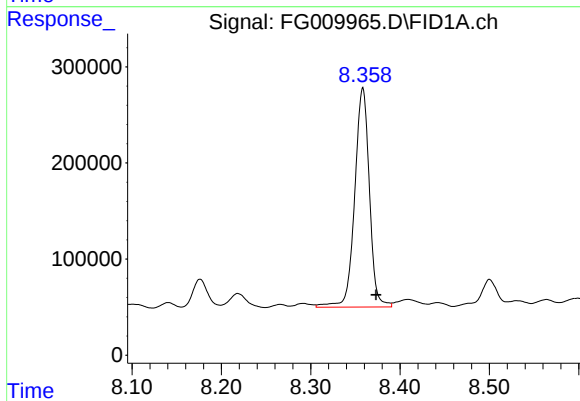
#2 N-DECANE

R.T.: 4.347 min
Delta R.T.: -0.021 min
Response: 2413380
Conc: 19.11 ug/ml



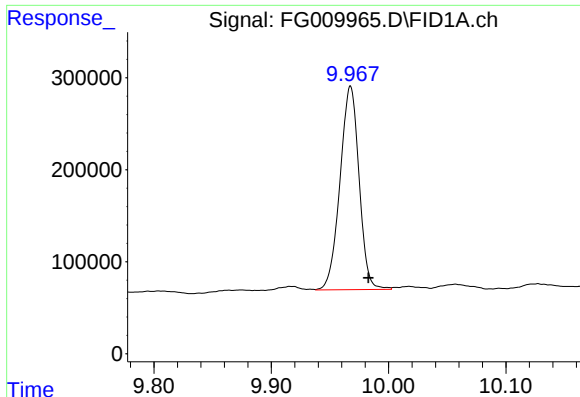
#3 N-DODECANE

R.T.: 6.527 min
Delta R.T.: -0.016 min
Response: 2485778
Conc: 19.70 ug/ml



#4 N-TETRADECANE

R.T.: 8.358 min
Delta R.T.: -0.015 min
Response: 2607963
Conc: 20.53 ug/ml



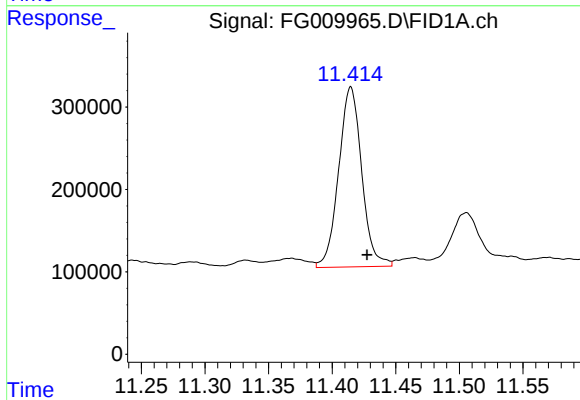
#5 N-HEXADECANE

R.T.: 9.968 min
Delta R.T.: -0.015 min
Response: 2501264
Conc: 19.83 ug/ml

Instrument :
FID_G
ClientSampleId :
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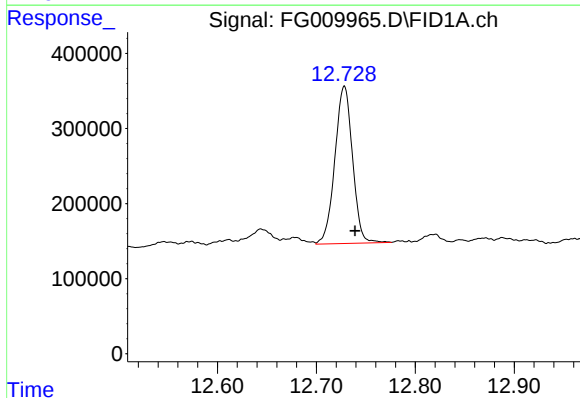
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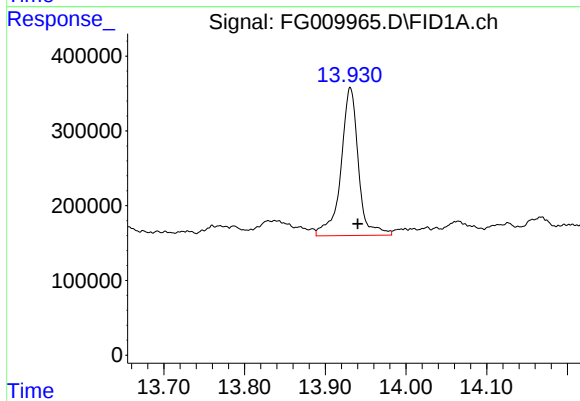
#6 N-OCTADECANE

R.T.: 11.415 min
Delta R.T.: -0.013 min
Response: 2755840
Conc: 21.83 ug/ml



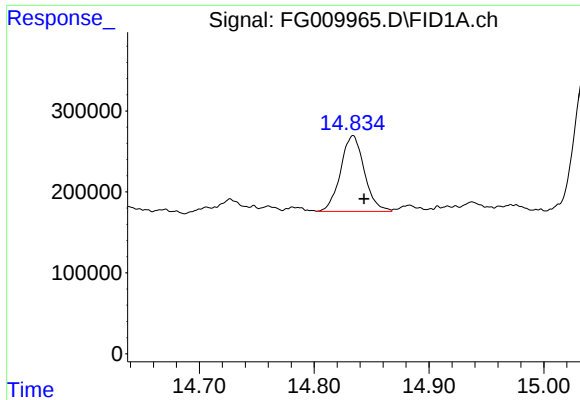
#7 N-EICOSANE

R.T.: 12.728 min
Delta R.T.: -0.011 min
Response: 2600752
Conc: 21.26 ug/ml



#8 N-DOCOSANE

R.T.: 13.931 min
Delta R.T.: -0.009 min
Response: 2972326
Conc: 24.65 ug/ml



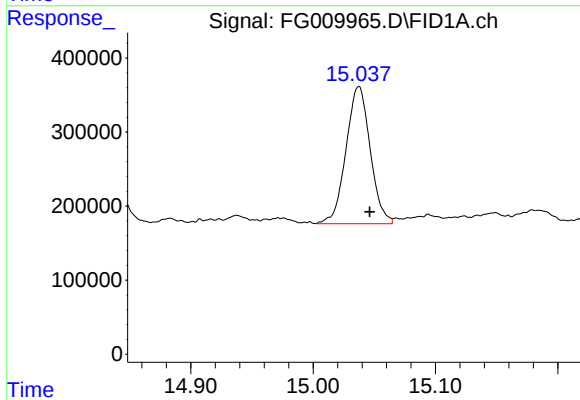
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.834 min
Delta R.T.: -0.010 min
Response: 1347357
Conc: 12.80 ug/ml

Instrument :
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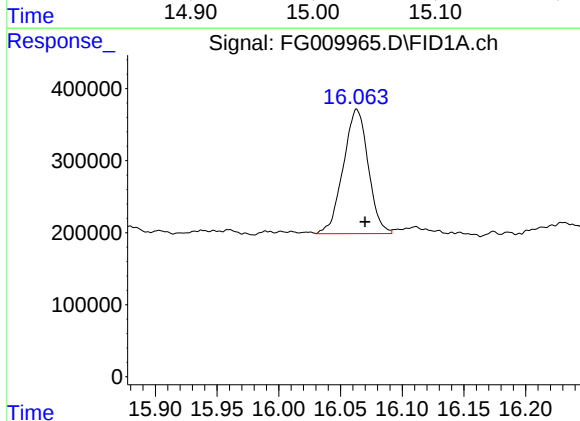
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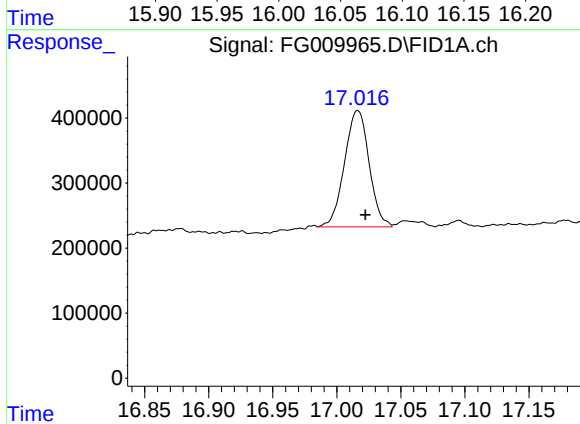
#10 N-TETRACOSANE

R.T.: 15.037 min
Delta R.T.: -0.009 min
Response: 2549633
Conc: 21.75 ug/ml m



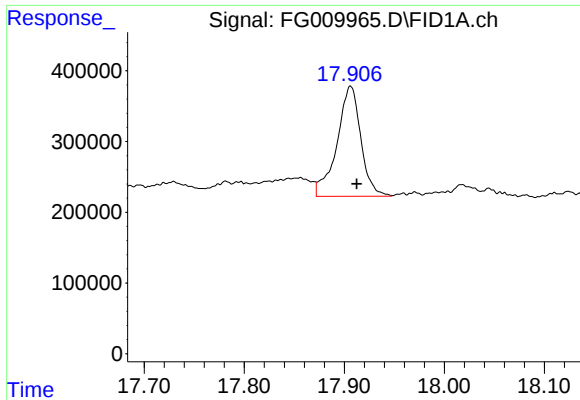
#11 N-HEXACOSANE

R.T.: 16.063 min
Delta R.T.: -0.007 min
Response: 2429865
Conc: 21.42 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.016 min
Delta R.T.: -0.007 min
Response: 2390495
Conc: 20.89 ug/ml m



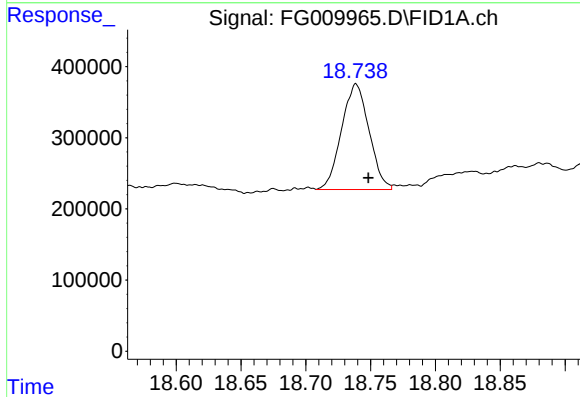
#13 N-TRIACONTANE

R.T.: 17.906 min
Delta R.T.: -0.007 min
Response: 2577907
Conc: 23.94 ug/ml

Instrument :
FID_G
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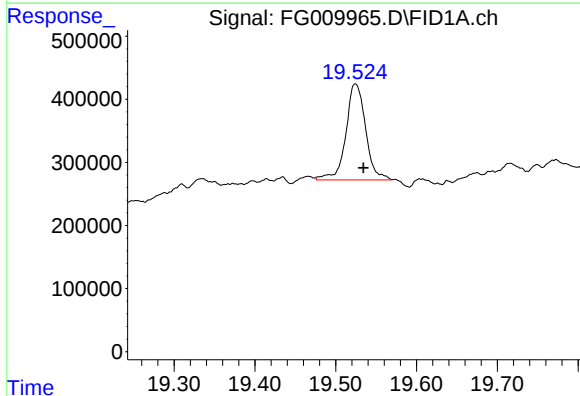
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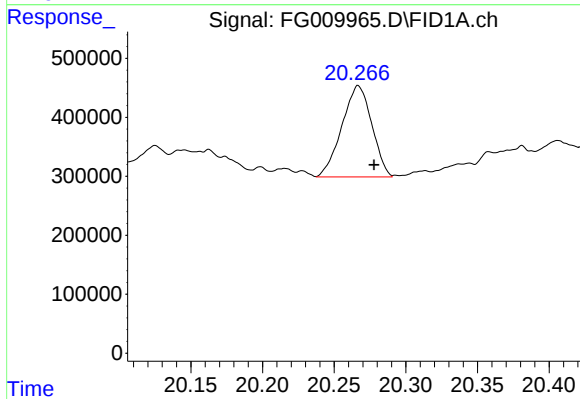
#14 N-DOTRIACONTANE

R.T.: 18.738 min
Delta R.T.: -0.010 min
Response: 2191854
Conc: 20.82 ug/ml m



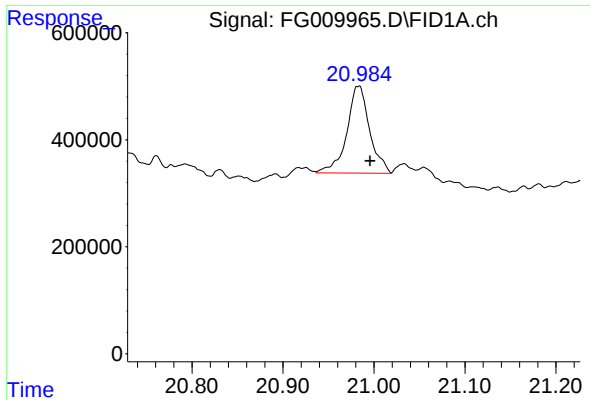
#15 N-TETRATRIACONTANE

R.T.: 19.524 min
Delta R.T.: -0.010 min
Response: 2586016
Conc: 26.93 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.266 min
Delta R.T.: -0.012 min
Response: 2250657
Conc: 27.85 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.984 min
Delta R.T.: -0.012 min
Response: 2836893
Conc: 39.50 ug/ml

Instrument :

FID_G

ClientSampleId :

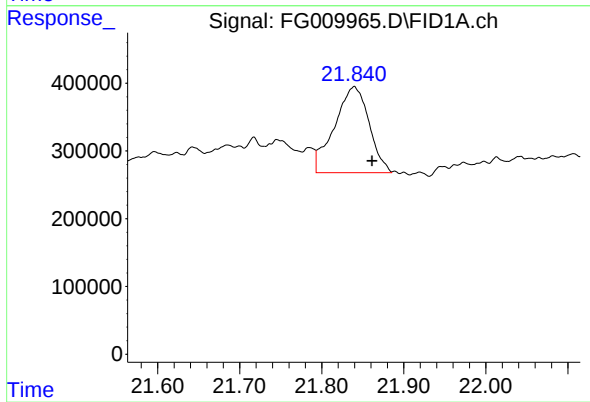
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#18 N-TETRACONTANE

R.T.: 21.840 min
Delta R.T.: -0.022 min
Response: 3716026
Conc: 52.92 ug/ml m