

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041522\
 Data File : FG009638.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2022 15:39
 Operator : AJ\MA
 Sample : N2379-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e
 Quant Time: Apr 18 09:00:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 08 10:19:35 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...	14.625	1545338	11.996 ug/mlm
Target Compounds			
1) N-OCTANE	2.225	1747756	11.963 ug/ml
2) N-DECANE	4.320	1935409	13.035 ug/ml
3) N-DODECANE	6.348	2065252	13.703 ug/ml
4) N-TETRADECANE	8.149	2260065	14.754 ug/ml
5) N-HEXADECANE	9.756	2220869	14.391 ug/ml
6) N-OCTADECANE	11.202	2268680	14.419 ug/ml
7) N-EICOSANE	12.517	2148945	14.189 ug/mlm
8) N-DOCOSANE	13.721	2054857	13.924 ug/ml
10) N-TETRACOSANE	14.829	1960049	13.673 ug/mlm
11) N-HEXACOSANE	15.855	1934855	14.085 ug/ml
12) N-OCTACOSANE	16.810	1899240	14.552 ug/mlm
13) N-TRIACONTANE	17.701	1869430	15.140 ug/mlm
14) N-DOTRIACONTANE	18.538	1937836	16.694 ug/mlm
15) N-TETRATRIACONTANE	19.326	1570791	14.773 ug/mlm
16) N-HEXATRIACONTANE	20.066	1331030	14.056 ug/mlm
17) N-OCTATRIACONTANE	20.808	1190593	13.826 ug/ml
18) N-TETRACONTANE	21.722	1243885	14.413 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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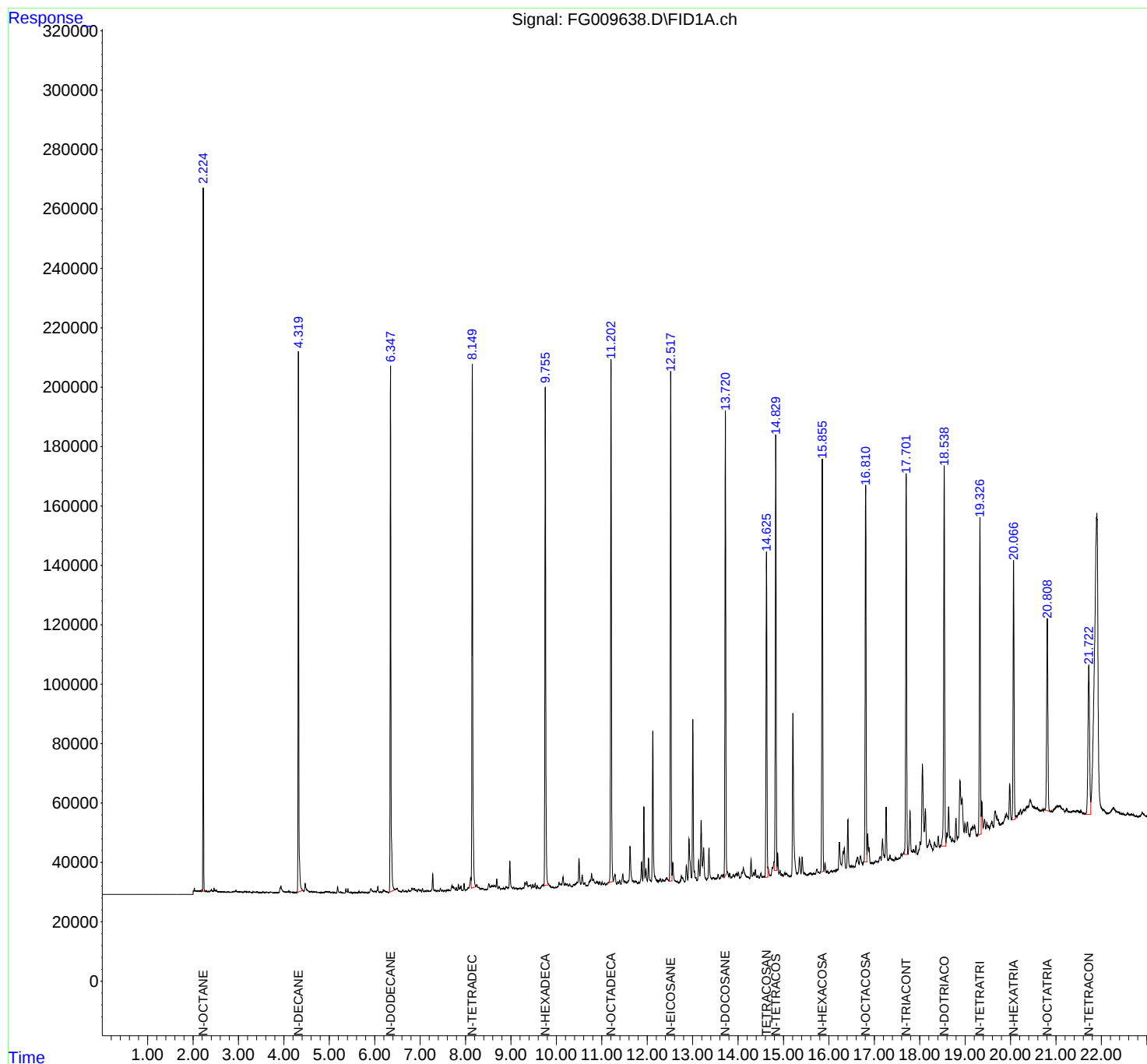
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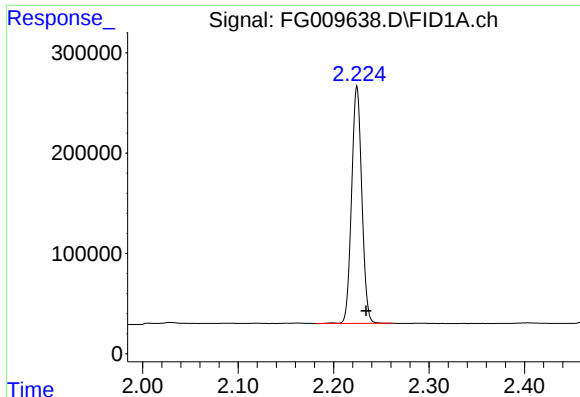
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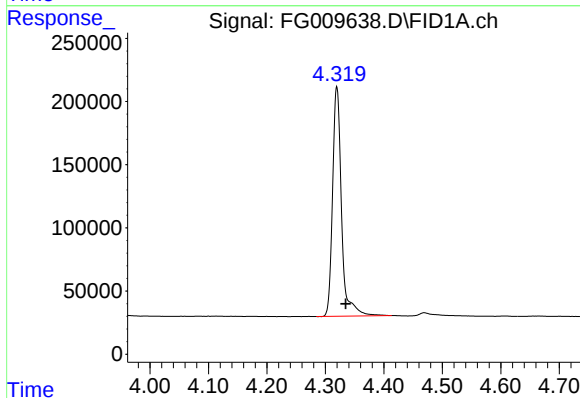
#1 N-OCTANE

R.T.: 2.225 min
Delta R.T.: -0.009 min
Response: 1747756
Conc: 11.96 ug/ml

Instrument :
FID_G
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WASTEMS

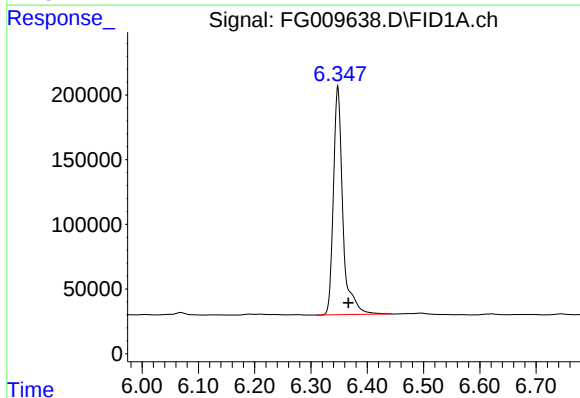
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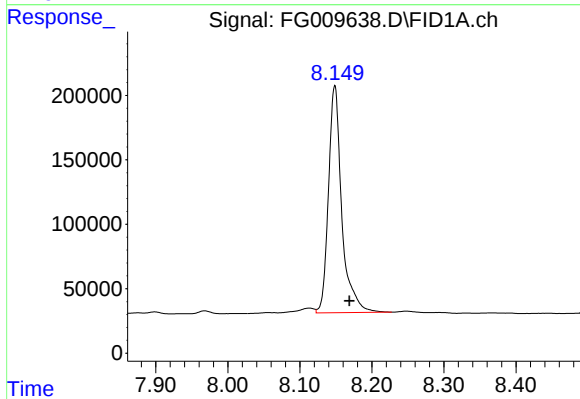
#2 N-DECANE

R.T.: 4.320 min
Delta R.T.: -0.016 min
Response: 1935409
Conc: 13.04 ug/ml



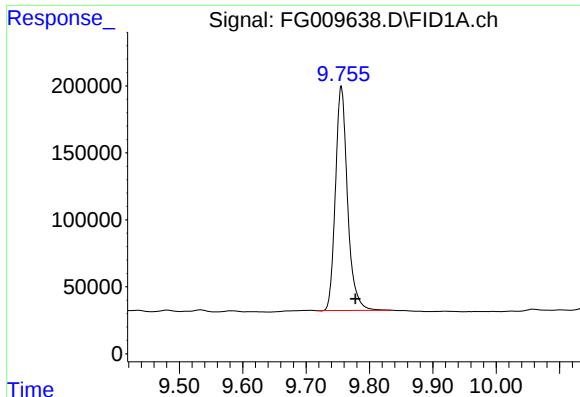
#3 N-DODECANE

R.T.: 6.348 min
Delta R.T.: -0.019 min
Response: 2065252
Conc: 13.70 ug/ml



#4 N-TETRADECANE

R.T.: 8.149 min
Delta R.T.: -0.020 min
Response: 2260065
Conc: 14.75 ug/ml



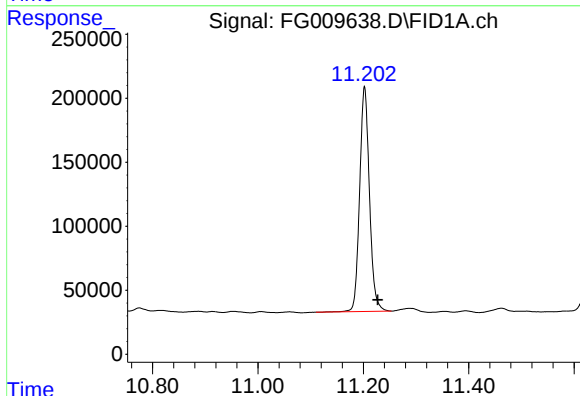
#5 N-HEXADECANE

R.T.: 9.756 min
Delta R.T.: -0.022 min
Response: 2220869
Conc: 14.39 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

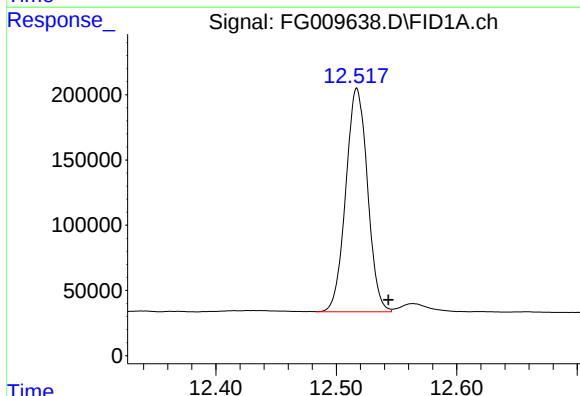
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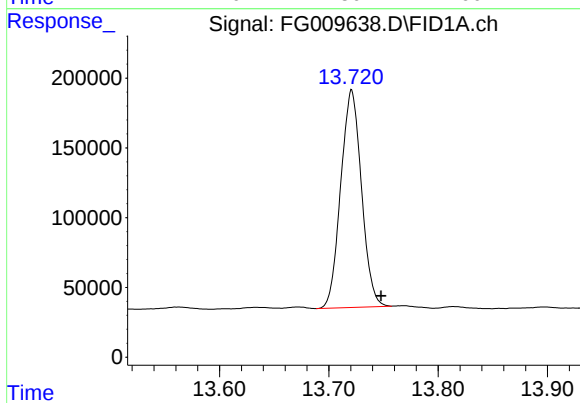
#6 N-OCTADECANE

R.T.: 11.202 min
Delta R.T.: -0.025 min
Response: 2268680
Conc: 14.42 ug/ml



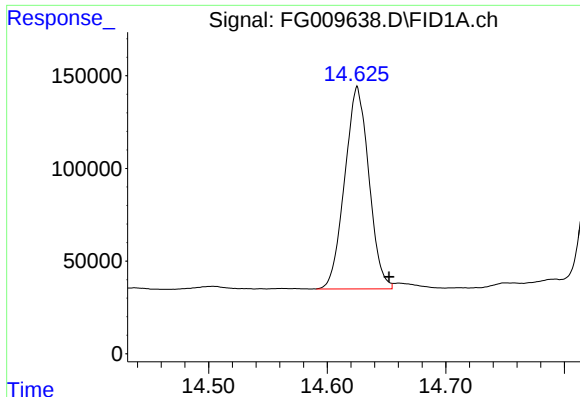
#7 N-EICOSANE

R.T.: 12.517 min
Delta R.T.: -0.026 min
Response: 2148945
Conc: 14.19 ug/ml m



#8 N-DOCOSANE

R.T.: 13.721 min
Delta R.T.: -0.027 min
Response: 2054857
Conc: 13.92 ug/ml



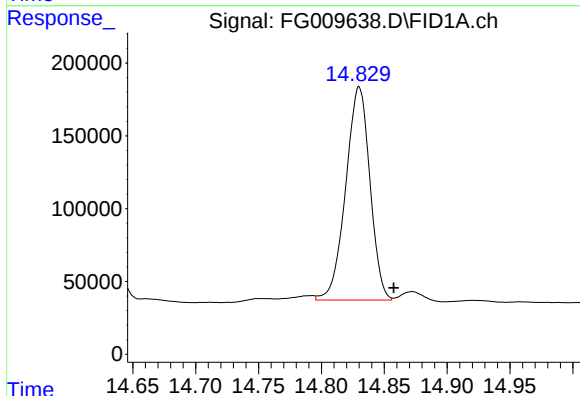
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.625 min
Delta R.T.: -0.027 min
Response: 1545338
Conc: 12.00 ug/ml

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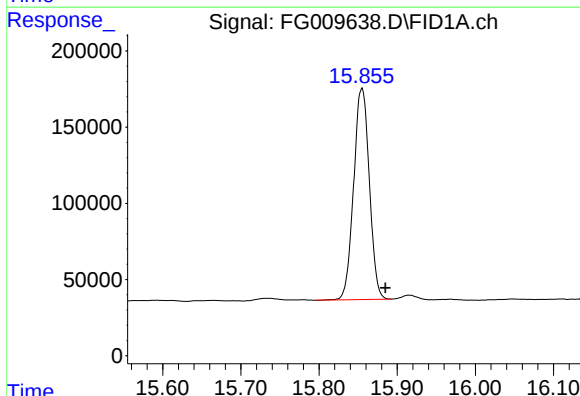
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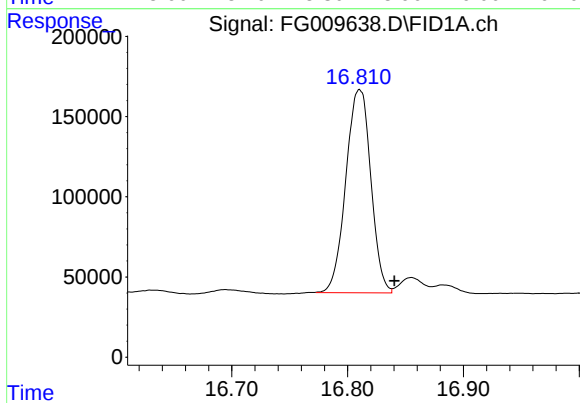
#10 N-TETRACOSANE

R.T.: 14.829 min
Delta R.T.: -0.028 min
Response: 1960049
Conc: 13.67 ug/ml m



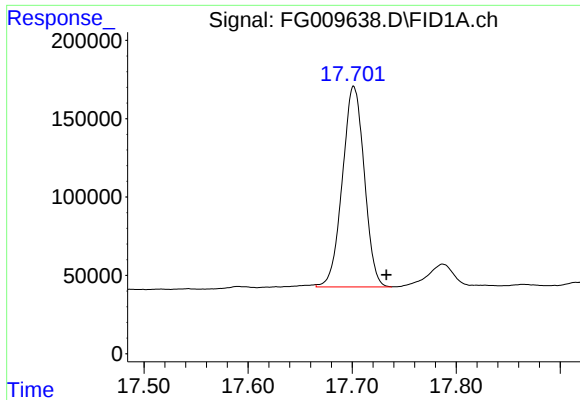
#11 N-HEXACOSANE

R.T.: 15.855 min
Delta R.T.: -0.030 min
Response: 1934855
Conc: 14.08 ug/ml



#12 N-OCTACOSANE

R.T.: 16.810 min
Delta R.T.: -0.031 min
Response: 1899240
Conc: 14.55 ug/ml m



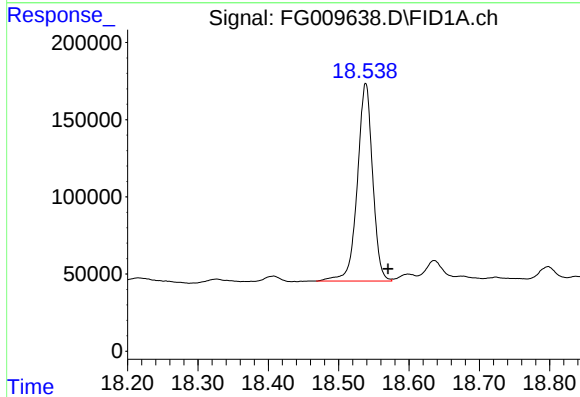
#13 N-TRIACONTANE

R.T.: 17.701 min
Delta R.T.: -0.032 min
Response: 1869430
Conc: 15.14 ug/ml

Instrument :
FID_G
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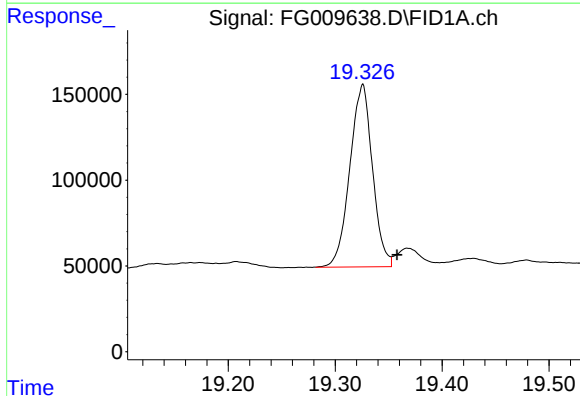
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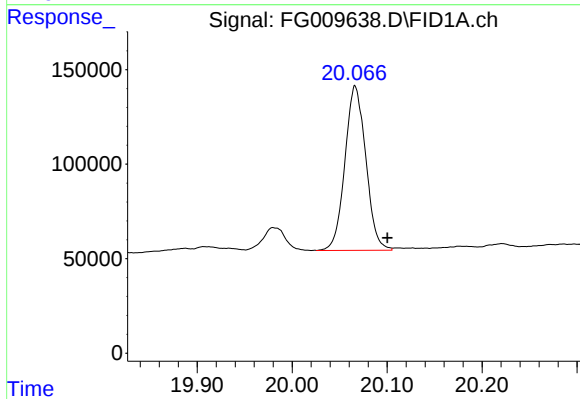
#14 N-DOTRIACONTANE

R.T.: 18.538 min
Delta R.T.: -0.032 min
Response: 1937836
Conc: 16.69 ug/ml m



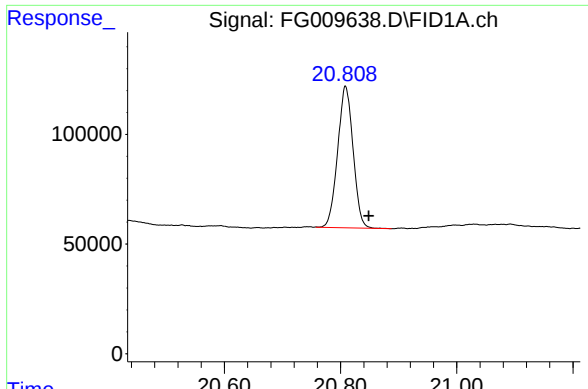
#15 N-TETRATRIACONTANE

R.T.: 19.326 min
Delta R.T.: -0.032 min
Response: 1570791
Conc: 14.77 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.066 min
Delta R.T.: -0.035 min
Response: 1331030
Conc: 14.06 ug/ml m



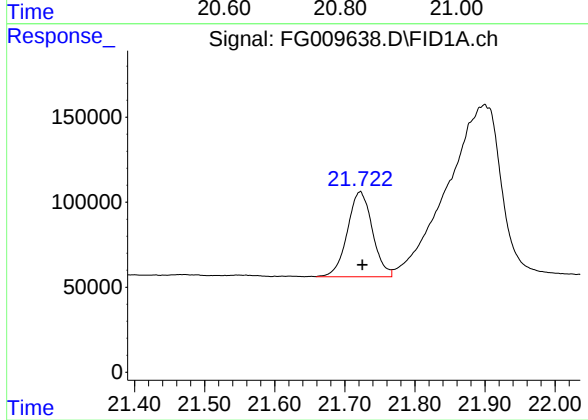
#17 N-OCTATRIACONTANE

R.T.: 20.808 min
Delta R.T.: -0.040 min
Response: 1190593
Conc: 13.83 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.722 min
Delta R.T.: -0.003 min
Response: 1243885
Conc: 14.41 ug/ml m