

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041522\
 Data File : FG009636.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2022 14:39
 Operator : AJ\MA
 Sample : PB144142BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB144142BS

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 08:59:03 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...	14.626	1918156	14.890 ug/ml
Target Compounds			
1) N-OCTANE	2.225	2109984	14.442 ug/ml
2) N-DECANE	4.320	2267160	15.270 ug/ml
3) N-DODECANE	6.347	2341984	15.539 ug/ml
4) N-TETRADECANE	8.148	2367736	15.457 ug/ml
5) N-HEXADECANE	9.755	2402616	15.569 ug/ml
6) N-OCTADECANE	11.203	2394273	15.217 ug/ml
7) N-EICOSANE	12.519	2312530	15.269 ug/ml
8) N-DOCOSANE	13.722	2251536	15.257 ug/ml
10) N-TETRACOSANE	14.830	2193940	15.304 ug/ml
11) N-HEXACOSANE	15.855	2160934	15.731 ug/ml
12) N-OCTACOSANE	16.811	2121473	16.255 ug/ml
13) N-TRIACONTANE	17.702	2079474	16.841 ug/ml
14) N-DOTRIACONTANE	18.539	1935429	16.673 ug/ml
15) N-TETRATRIACONTANE	19.325	1715846	16.137 ug/ml
16) N-HEXATRIACONTANE	20.067	1448991	15.302 ug/ml
17) N-OCTATRIACONTANE	20.809	1348578	15.661 ug/ml
18) N-TETRACONTANE	21.719	1319366	15.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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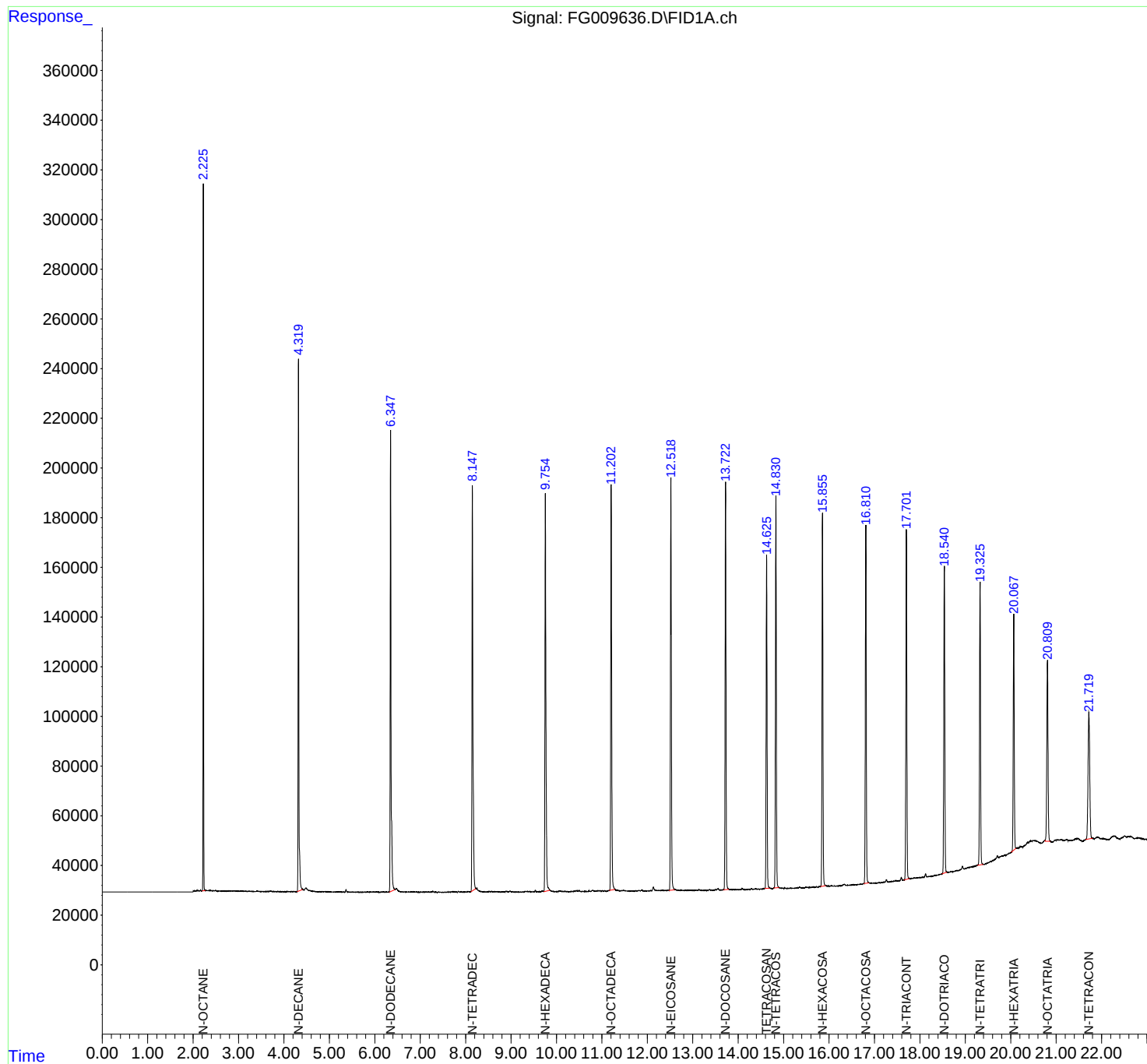
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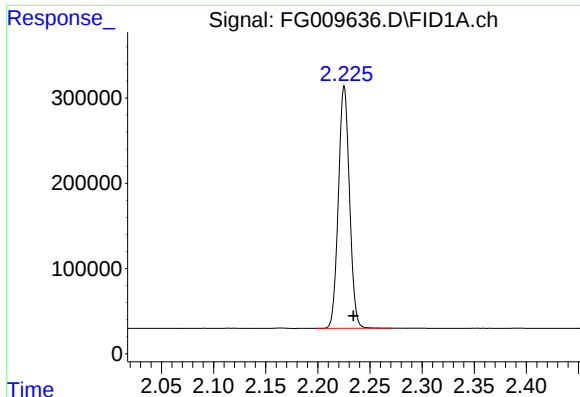
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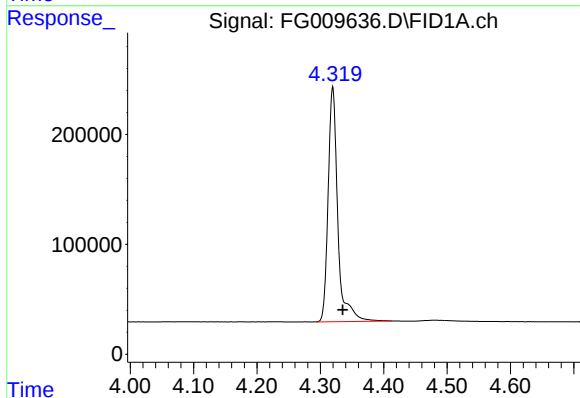
#1 N-OCTANE

R.T.: 2.225 min
Delta R.T.: -0.009 min
Response: 2109984
Conc: 14.44 ug/ml

Instrument :
FID_G
ClientSampleId :
PB144142BS

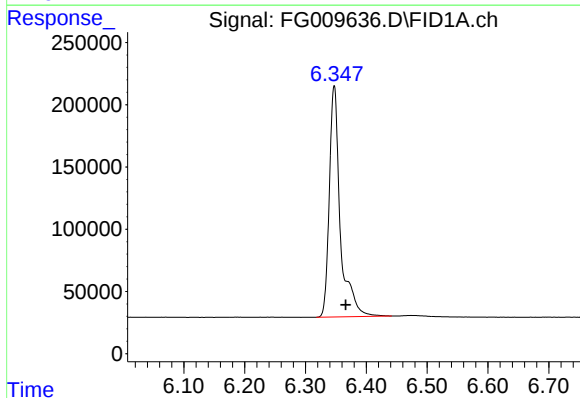
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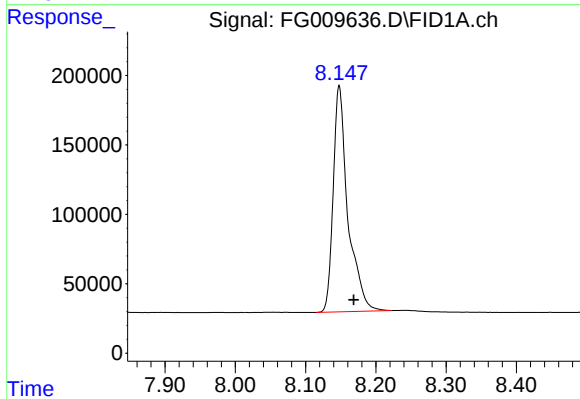
#2 N-DECANE

R.T.: 4.320 min
Delta R.T.: -0.015 min
Response: 2267160
Conc: 15.27 ug/ml



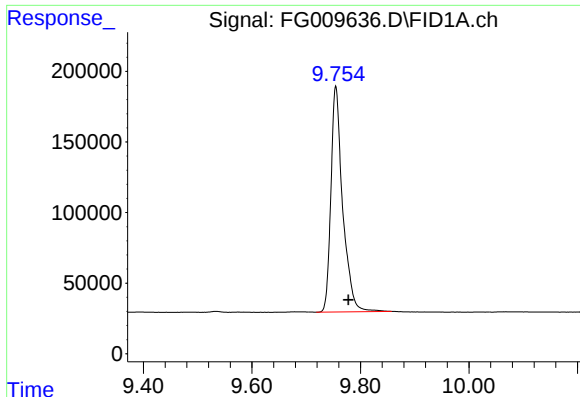
#3 N-DODECANE

R.T.: 6.347 min
Delta R.T.: -0.019 min
Response: 2341984
Conc: 15.54 ug/ml



#4 N-TETRADECANE

R.T.: 8.148 min
Delta R.T.: -0.021 min
Response: 2367736
Conc: 15.46 ug/ml



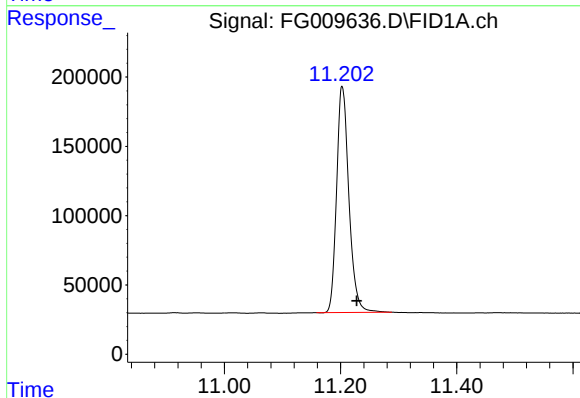
#5 N-HEXADECANE

R.T.: 9.755 min
Delta R.T.: -0.023 min
Response: 2402616
Conc: 15.57 ug/ml

Instrument :
FID_G
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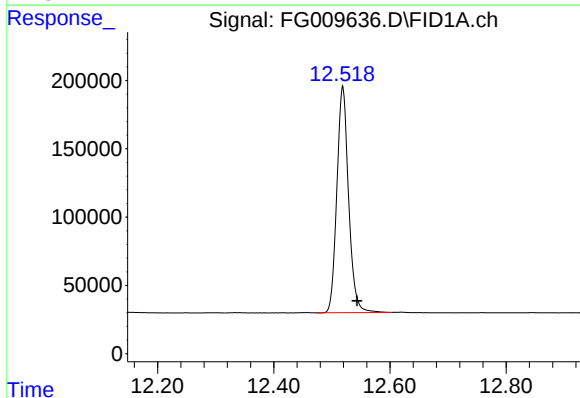
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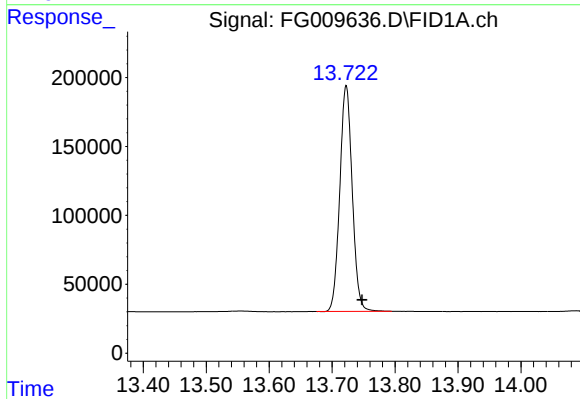
#6 N-OCTADECANE

R.T.: 11.203 min
Delta R.T.: -0.025 min
Response: 2394273
Conc: 15.22 ug/ml



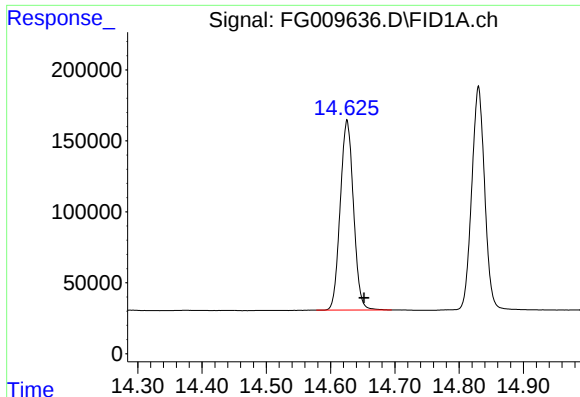
#7 N-EICOSANE

R.T.: 12.519 min
Delta R.T.: -0.024 min
Response: 2312530
Conc: 15.27 ug/ml



#8 N-DOCOSANE

R.T.: 13.722 min
Delta R.T.: -0.025 min
Response: 2251536
Conc: 15.26 ug/ml



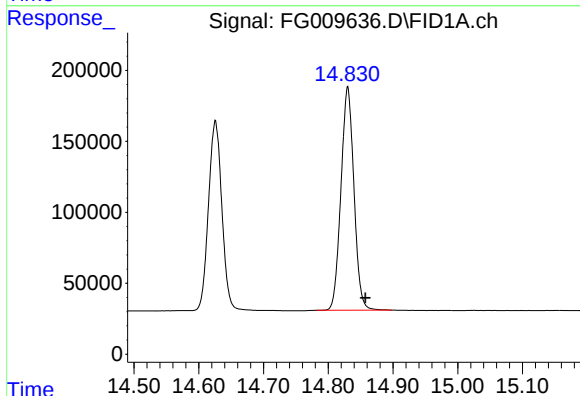
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.626 min
Delta R.T.: -0.026 min
Response: 1918156
Conc: 14.89 ug/ml

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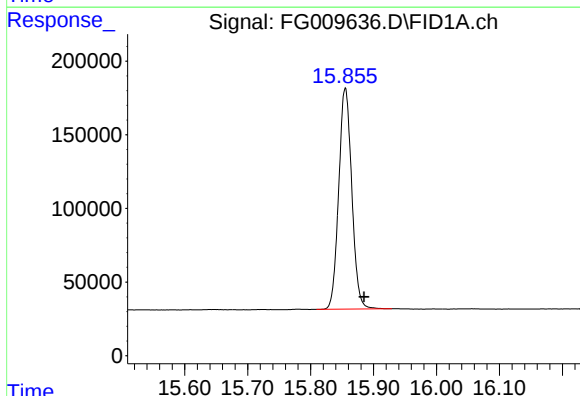
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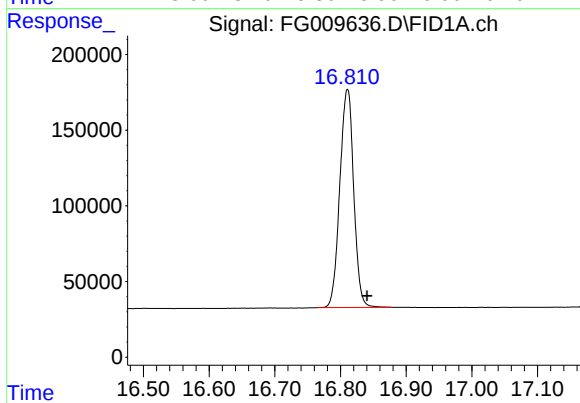
#10 N-TETRACOSANE

R.T.: 14.830 min
Delta R.T.: -0.028 min
Response: 2193940
Conc: 15.30 ug/ml



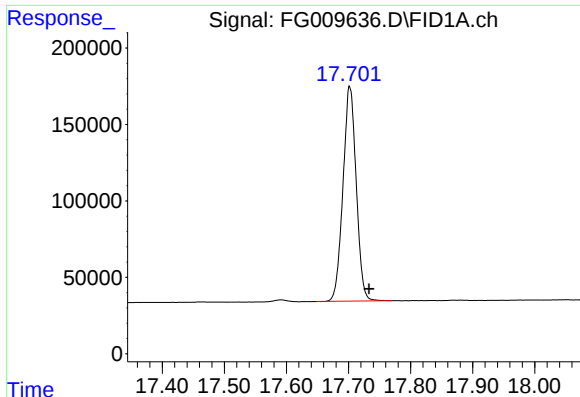
#11 N-HEXACOSANE

R.T.: 15.855 min
Delta R.T.: -0.030 min
Response: 2160934
Conc: 15.73 ug/ml



#12 N-OCTACOSANE

R.T.: 16.811 min
Delta R.T.: -0.030 min
Response: 2121473
Conc: 16.26 ug/ml



#13 N-TRIACONTANE

R.T.: 17.702 min
Delta R.T.: -0.031 min
Response: 2079474
Conc: 16.84 ug/ml

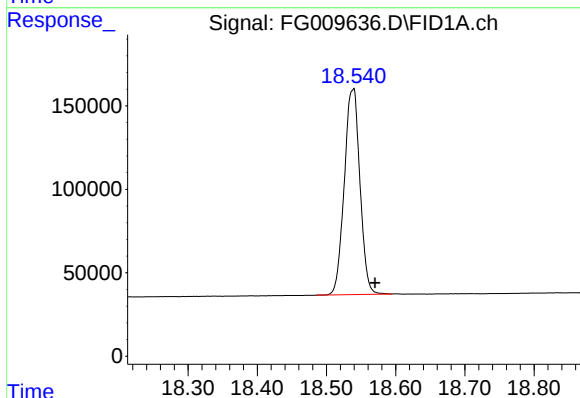
Instrument :

FID_G

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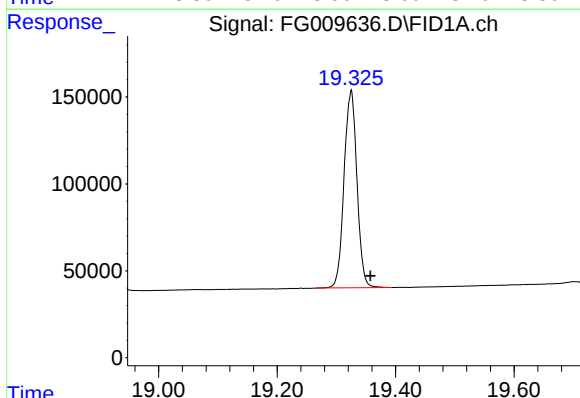
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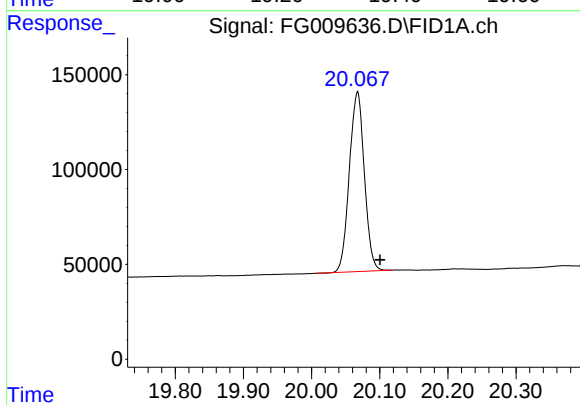
#14 N-DOTRIACONTANE

R.T.: 18.539 min
Delta R.T.: -0.031 min
Response: 1935429
Conc: 16.67 ug/ml



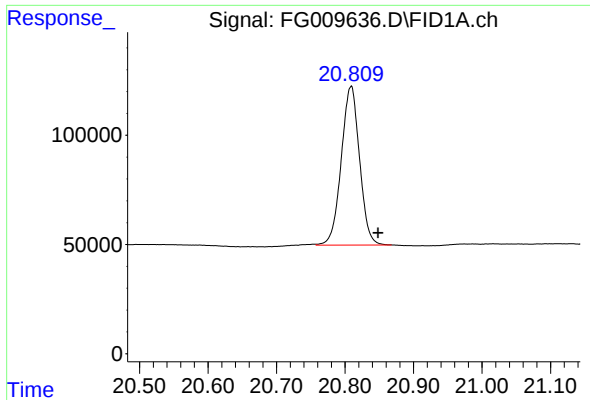
#15 N-TETRATRIACONTANE

R.T.: 19.325 min
Delta R.T.: -0.033 min
Response: 1715846
Conc: 16.14 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.067 min
Delta R.T.: -0.033 min
Response: 1448991
Conc: 15.30 ug/ml



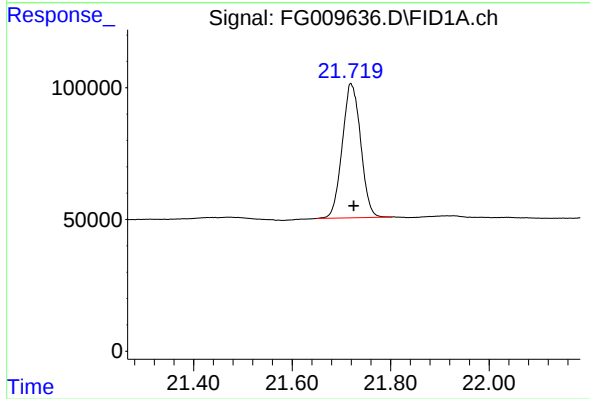
#17 N-OCTATRIACONTANE

R.T.: 20.809 min
Delta R.T.: -0.039 min
Response: 1348578
Conc: 15.66 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.719 min
Delta R.T.: -0.006 min
Response: 1319366
Conc: 15.29 ug/ml