

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092024\
 Data File : FF014562.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 15:31
 Operator : YP\AJ
 Sample : P4127-01MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2024
 Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e
 Quant Time: Sep 21 00:29:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF091124.M
 Quant Title :
 QLast Update : Tue Sep 10 16:18:04 2024
 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...	14.891	1284834	11.973 ug/ml
Target Compounds			
1) N-OCTANE	1.940	1573341	13.592 ug/ml
2) N-DECANE	4.445	2020410	17.704 ug/ml
3) N-DODECANE	6.612	2217660	19.574 ug/ml
4) N-TETRADECANE	8.438	2238468	19.618 ug/ml
5) N-HEXADECANE	10.043	2295833	19.941 ug/ml
6) N-OCTADECANE	11.486	2549094	21.020 ug/ml
7) N-EICOSANE	12.795	2452937	19.795 ug/ml
8) N-DOCOSANE	13.992	2436693	20.180 ug/ml
10) N-TETRACOSANE	15.094	2530517	21.100 ug/ml
11) N-HEXACOSANE	16.115	2389531	20.310 ug/ml
12) N-OCTACOSANE	17.063	2362954	20.519 ug/ml
13) N-TRIACONTANE	17.950	2348458	20.284 ug/ml
14) N-DOTRIACONTANE	18.780	2100646	18.563 ug/ml
15) N-TETRATRIACONTANE	19.561	1258297	11.699 ug/mlm
16) N-HEXATRIACONTANE	20.301	947331	9.668 ug/mlm
17) N-OCTATRIACONTANE	21.016	823338	9.256 ug/mlm
18) N-TETRACONTANE	21.876	784636	10.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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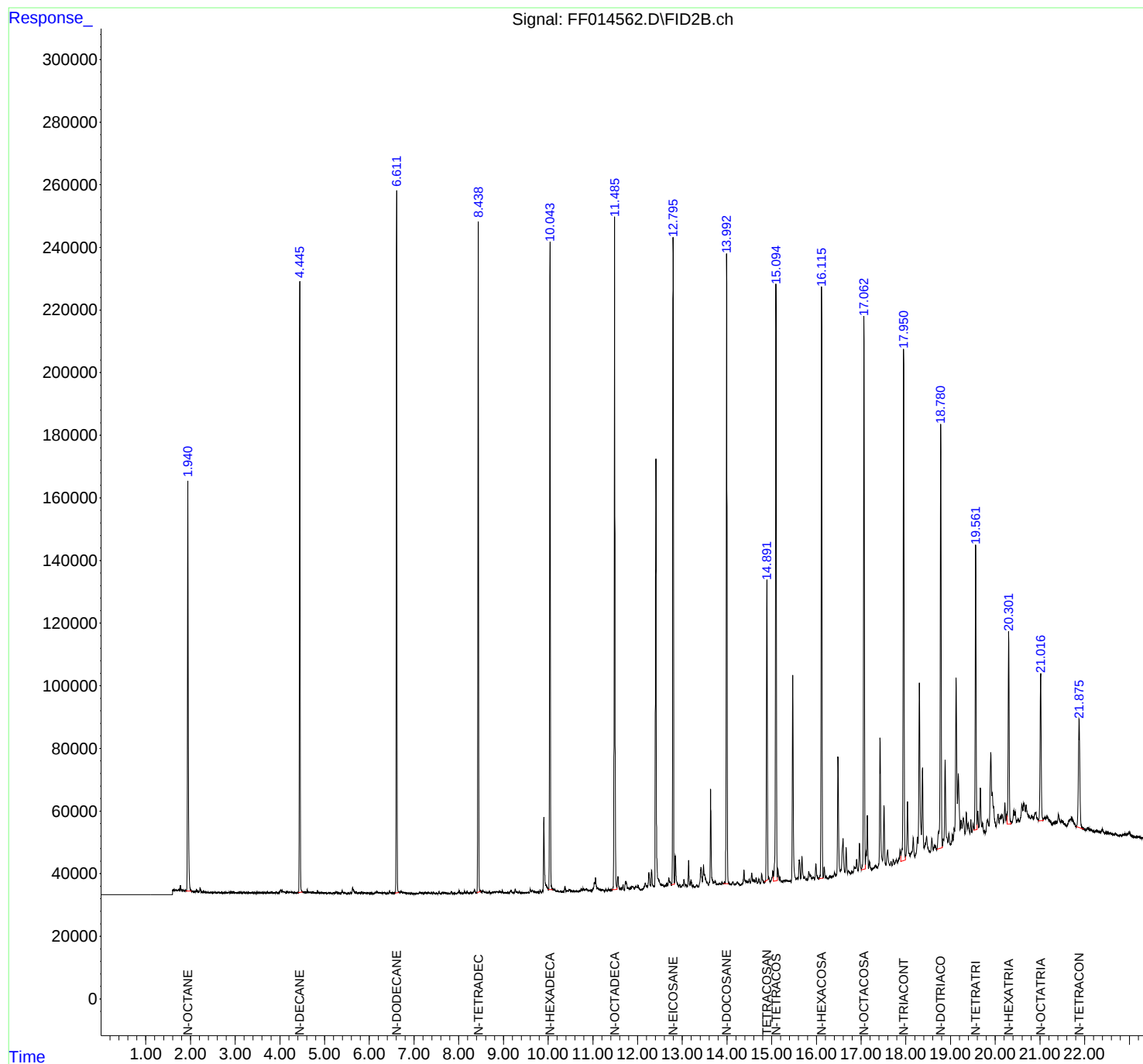
APPROVED

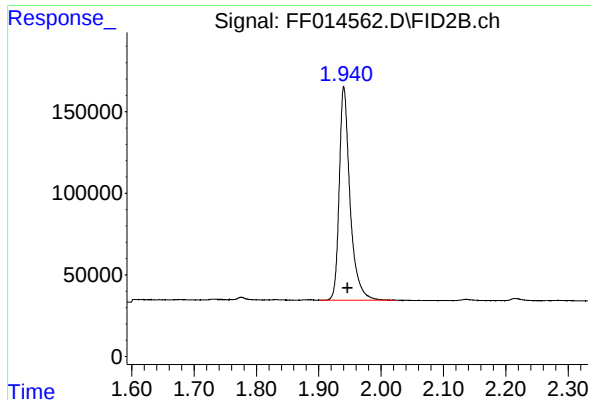
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.940 min
Delta R.T.: -0.006 min
Response: 1573341
Conc: 13.59 ug/ml

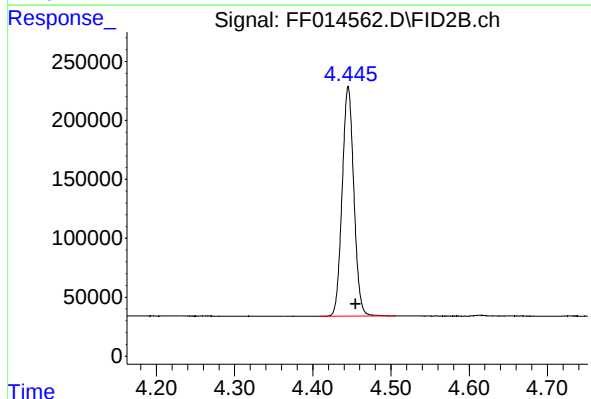
Instrument :

FID_F

ClientSampleId :
WASTEMS

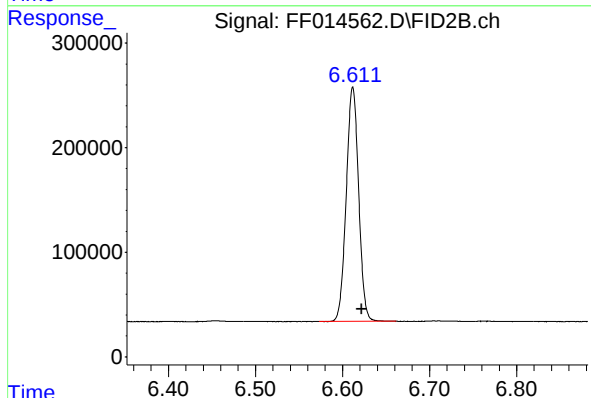
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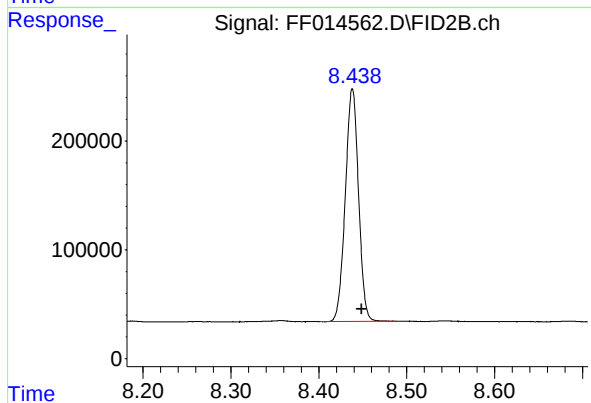
#2 N-DECANE

R.T.: 4.445 min
Delta R.T.: -0.009 min
Response: 2020410
Conc: 17.70 ug/ml



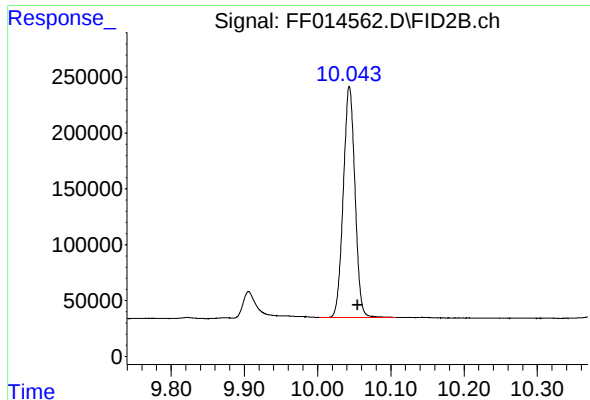
#3 N-DODECANE

R.T.: 6.612 min
Delta R.T.: -0.010 min
Response: 2217660
Conc: 19.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.438 min
Delta R.T.: -0.010 min
Response: 2238468
Conc: 19.62 ug/ml



#5 N-HEXADECANE

R.T.: 10.043 min
Delta R.T.: -0.011 min
Response: 2295833
Conc: 19.94 ug/ml

Instrument :

FID_F

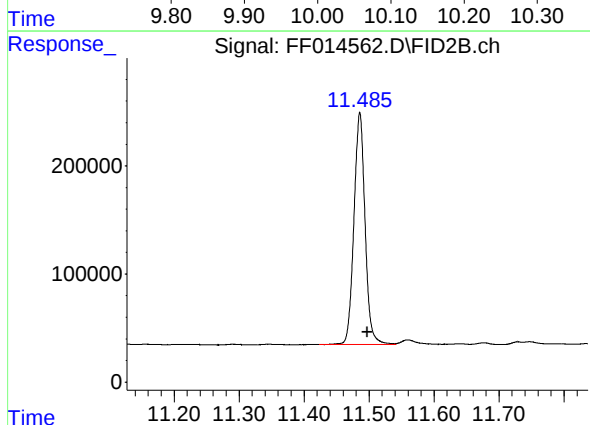
ClientSampleId :

WASTEMS

Manual Integrations

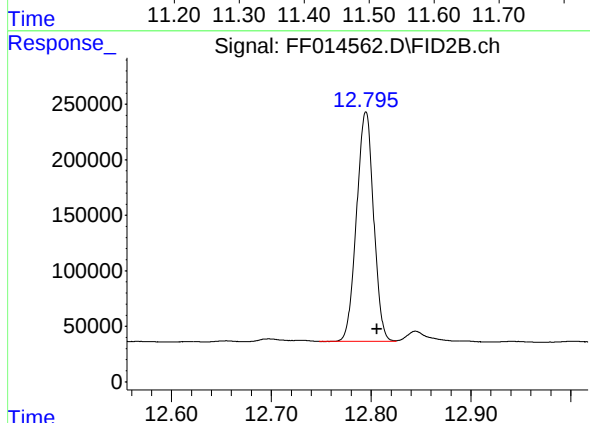
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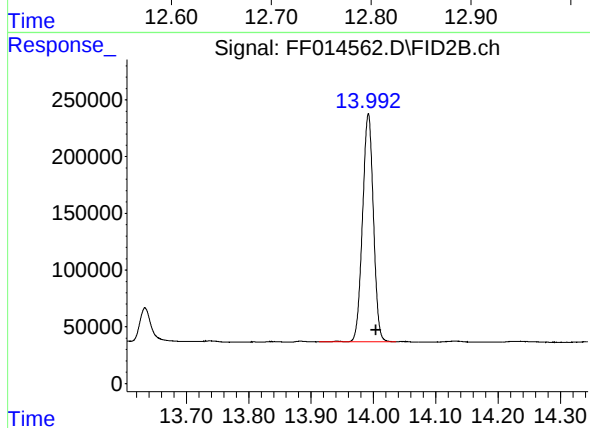
#6 N-OCTADECANE

R.T.: 11.486 min
Delta R.T.: -0.012 min
Response: 2549094
Conc: 21.02 ug/ml



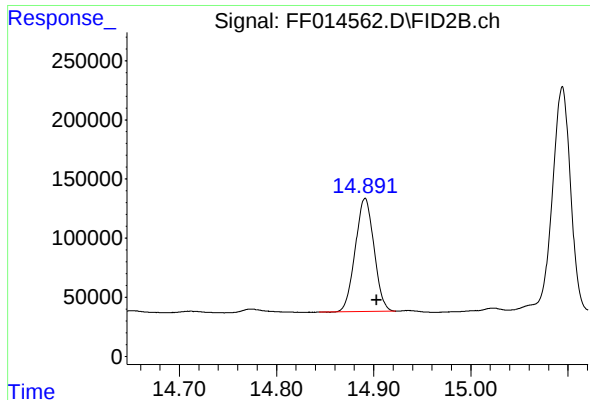
#7 N-EICOSANE

R.T.: 12.795 min
Delta R.T.: -0.011 min
Response: 2452937
Conc: 19.79 ug/ml



#8 N-DOCOSANE

R.T.: 13.992 min
Delta R.T.: -0.012 min
Response: 2436693
Conc: 20.18 ug/ml



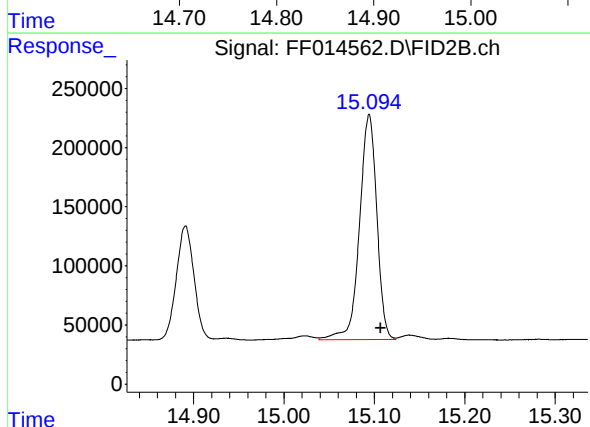
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.891 min
Delta R.T.: -0.012 min
Response: 1284834
Conc: 11.97 ug/ml

Instrument :
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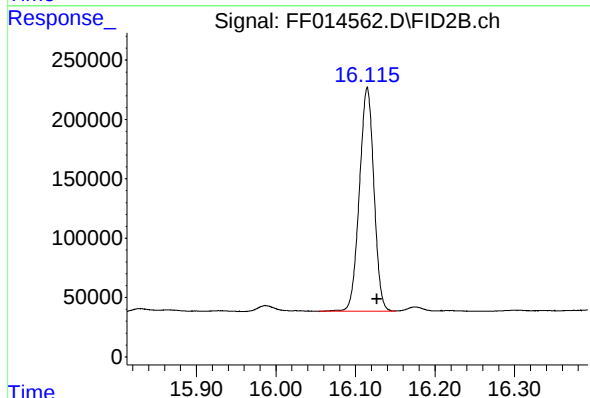
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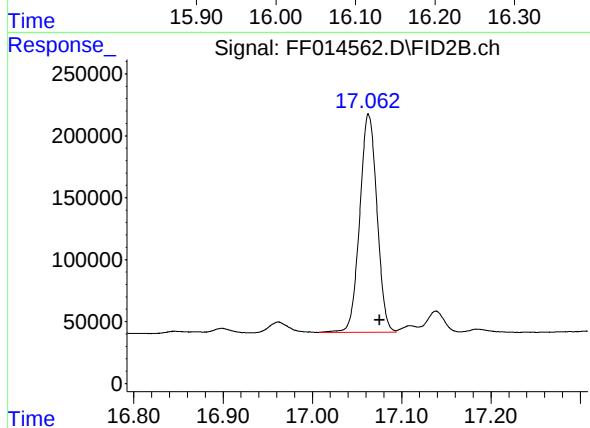
#10 N-TETRACOSANE

R.T.: 15.094 min
Delta R.T.: -0.013 min
Response: 2530517
Conc: 21.10 ug/ml



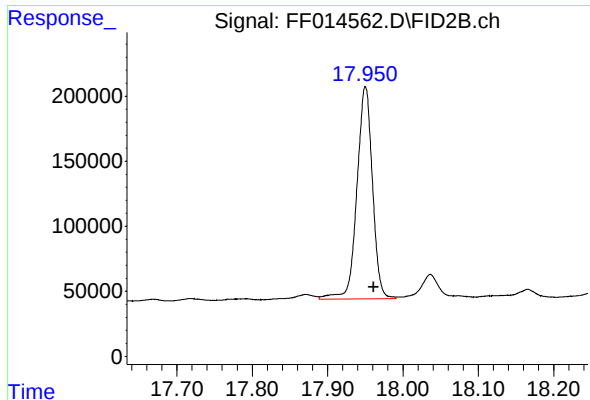
#11 N-HEXACOSANE

R.T.: 16.115 min
Delta R.T.: -0.012 min
Response: 2389531
Conc: 20.31 ug/ml



#12 N-OCTACOSANE

R.T.: 17.063 min
Delta R.T.: -0.012 min
Response: 2362954
Conc: 20.52 ug/ml



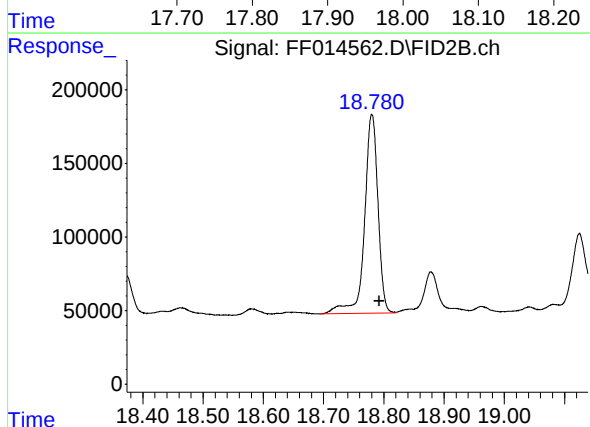
#13 N-TRIACONTANE

R.T.: 17.950 min
Delta R.T.: -0.011 min
Response: 2348458
Conc: 20.28 ug/ml

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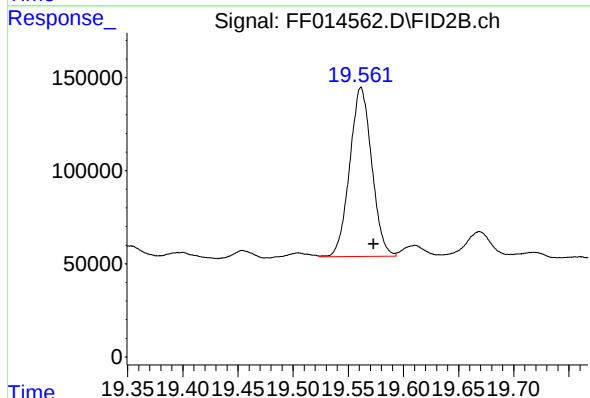
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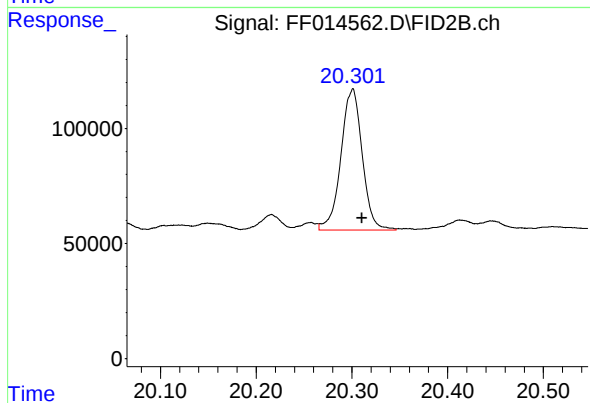
#14 N-DOTRIACONTANE

R.T.: 18.780 min
Delta R.T.: -0.012 min
Response: 2100646
Conc: 18.56 ug/ml



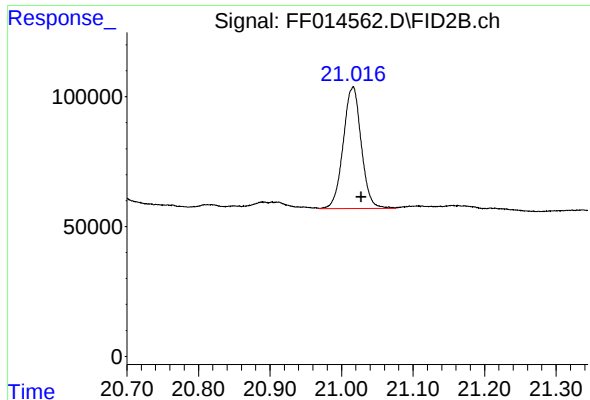
#15 N-TETRATRIACONTANE

R.T.: 19.561 min
Delta R.T.: -0.012 min
Response: 1258297
Conc: 11.70 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.301 min
Delta R.T.: -0.009 min
Response: 947331
Conc: 9.67 ug/ml m



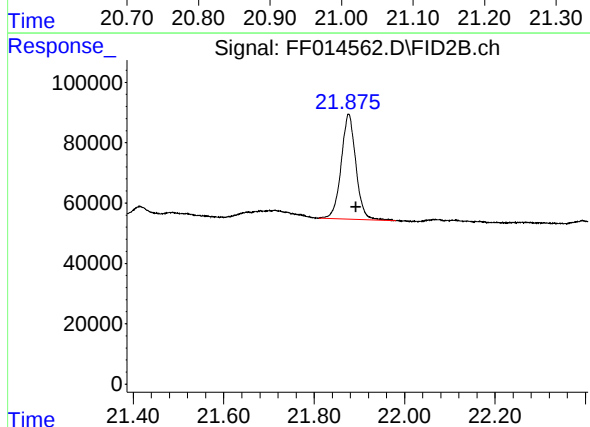
#17 N-OCTATRIACONTANE

R.T.: 21.016 min
Delta R.T.: -0.012 min
Response: 823338
Conc: 9.26 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.876 min
Delta R.T.: -0.016 min
Response: 784636
Conc: 10.24 ug/ml