

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051023\
 Data File : FF012596.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2023 14:16
 Operator : YP\AJ
 Sample : 02666-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 BU-02-050823MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/11/2023
 Supervised By :Ankita Jodhani 05/11/2023

Integration File: autoint1.e
 Quant Time: May 11 01:52:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF050523.M
 Quant Title :
 QLast Update : Fri May 05 16:23:08 2023
 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...	15.010	1871058	15.500 ug/ml
Target Compounds			
1) N-OCTANE	2.052	1153451	8.864 ug/ml
2) N-DECANE	4.568	2064099	15.463 ug/ml
3) N-DODECANE	6.732	4344169	33.243 ug/ml
4) N-TETRADECANE	8.560	7737826	60.040 ug/ml
5) N-HEXADECANE	10.167	8026292	59.553 ug/ml
6) N-OCTADECANE	11.608	6102650	44.057 ug/ml
7) N-EICOSANE	12.916	5173168	37.370 ug/ml
8) N-DOCOSANE	14.116	4176636	31.177 ug/ml
10) N-TETRACOSANE	15.214	4900426	36.725 ug/ml
11) N-HEXACOSANE	16.234	2460988	18.984 ug/ml
12) N-OCTACOSANE	17.184	2766015	21.827 ug/ml
13) N-TRIACONTANE	18.072	2569900	20.548 ug/mlm
14) N-DOTRIACONTANE	18.906	2743357	22.965 ug/mlm
15) N-TETRATRIACONTANE	19.693	1840443	16.731 ug/mlm
16) N-HEXATRIACONTANE	20.436	1668607	16.036 ug/mlm
17) N-OCTATRIACONTANE	21.174	1687867	16.784 ug/mlm
18) N-TETRACONTANE	22.085	1347378	13.007 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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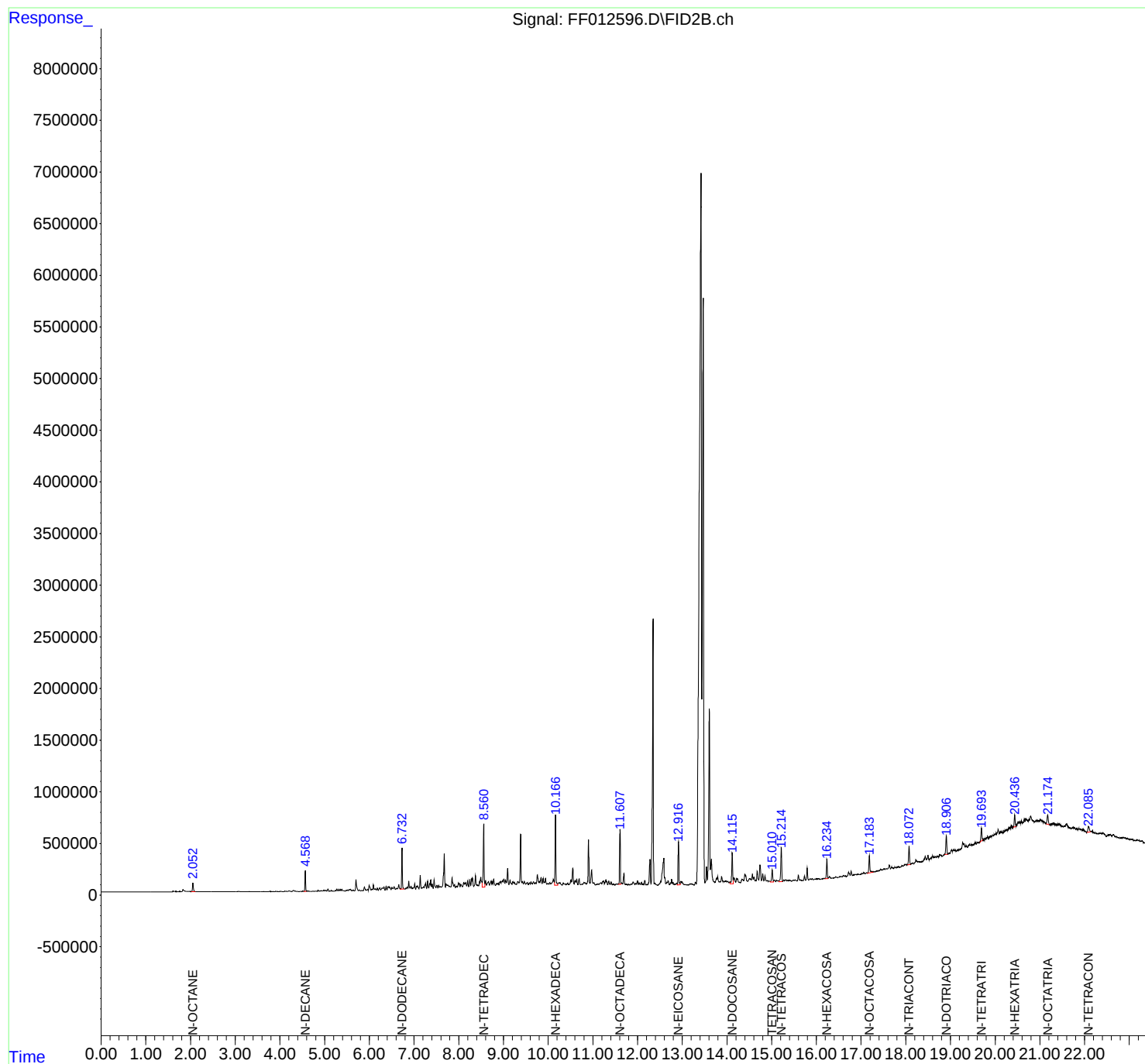
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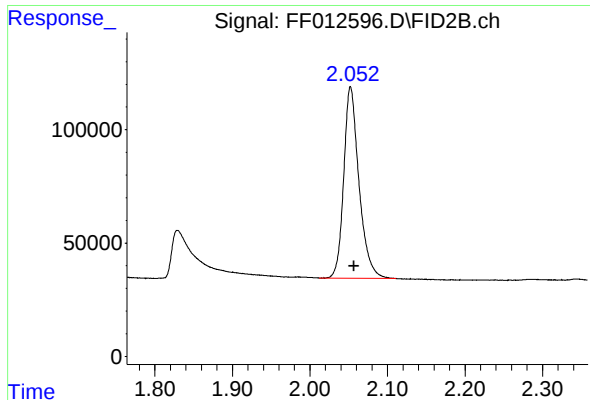
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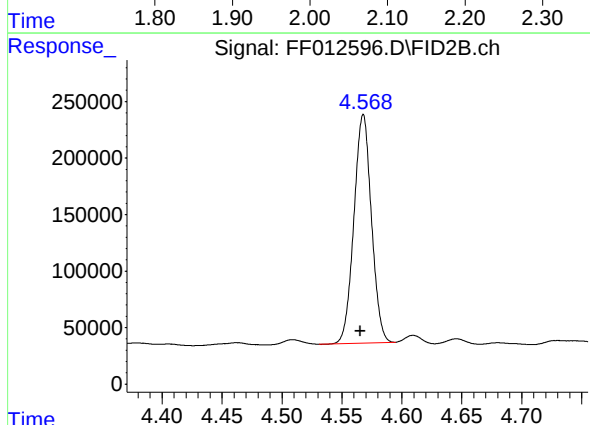
#1 N-OCTANE

R.T.: 2.052 min
Delta R.T.: -0.005 min
Response: 1153451
Conc: 8.86 ug/ml

Instrument :
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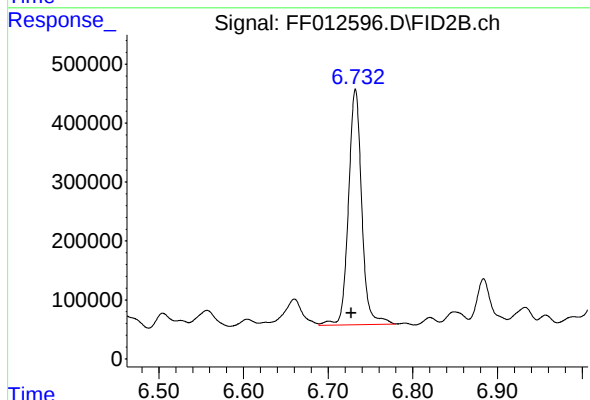
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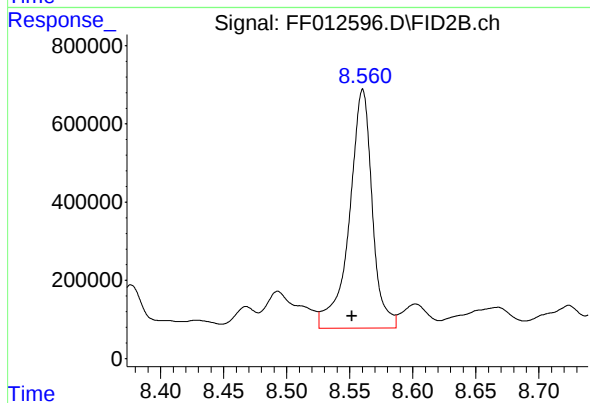
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.002 min
Response: 2064099
Conc: 15.46 ug/ml



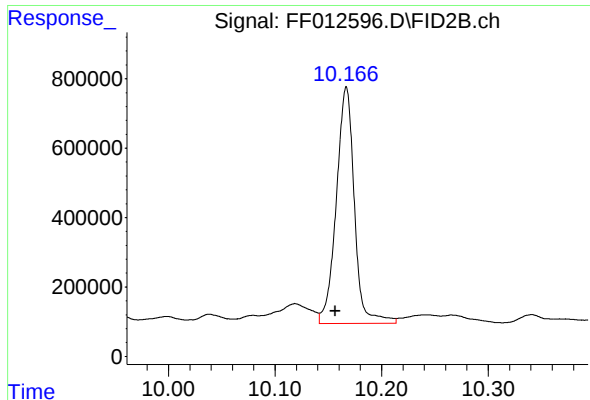
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: 0.005 min
Response: 4344169
Conc: 33.24 ug/ml



#4 N-TETRADECANE

R.T.: 8.560 min
Delta R.T.: 0.009 min
Response: 7737826
Conc: 60.04 ug/ml



#5 N-HEXADECANE

R.T.: 10.167 min
Delta R.T.: 0.010 min
Response: 8026292
Conc: 59.55 ug/ml

Instrument :

FID_F

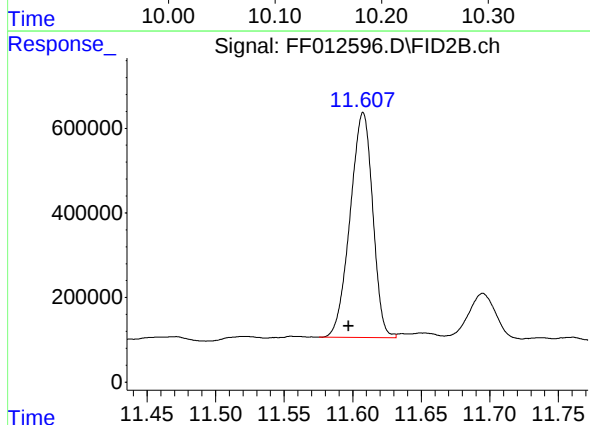
ClientSampleId :

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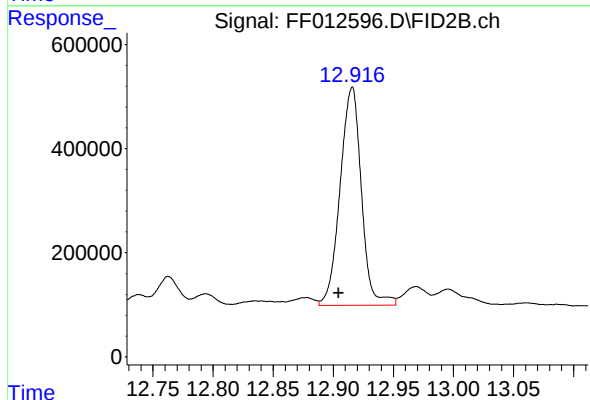
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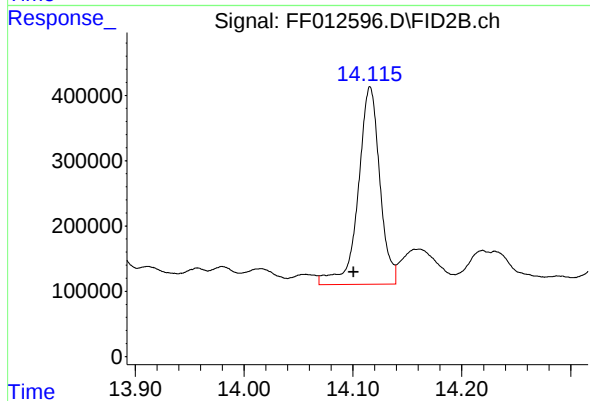
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: 0.011 min
Response: 6102650
Conc: 44.06 ug/ml



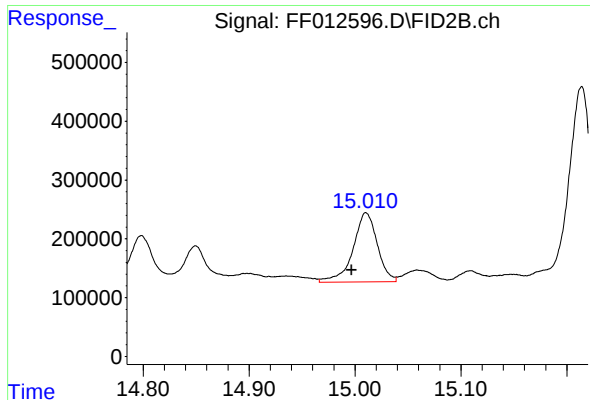
#7 N-EICOSANE

R.T.: 12.916 min
Delta R.T.: 0.011 min
Response: 5173168
Conc: 37.37 ug/ml



#8 N-DOCOSANE

R.T.: 14.116 min
Delta R.T.: 0.015 min
Response: 4176636
Conc: 31.18 ug/ml



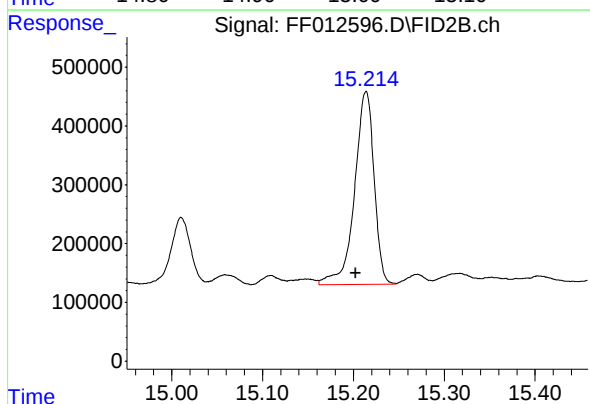
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.010 min
Delta R.T.: 0.013 min
Response: 1871058
Conc: 15.50 ug/ml

Instrument :
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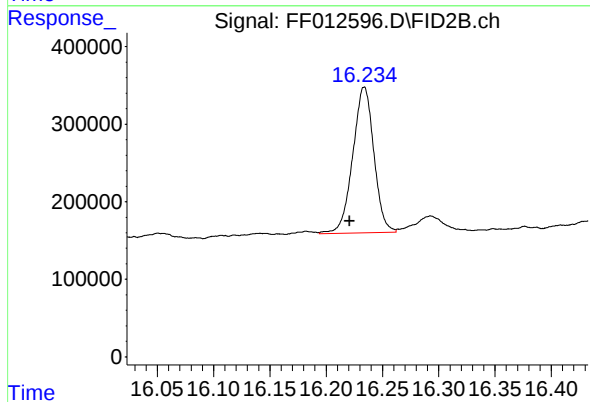
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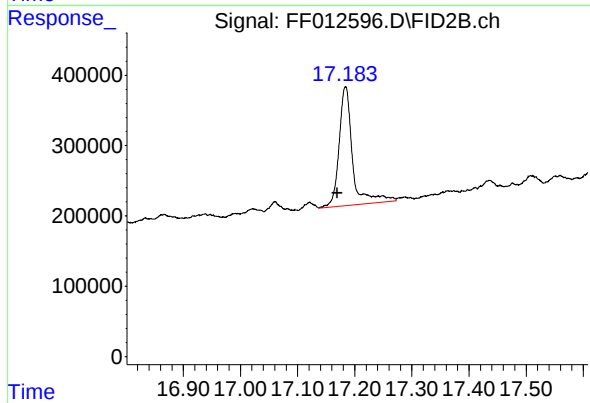
#10 N-TETRACOSANE

R.T.: 15.214 min
Delta R.T.: 0.012 min
Response: 4900426
Conc: 36.72 ug/ml



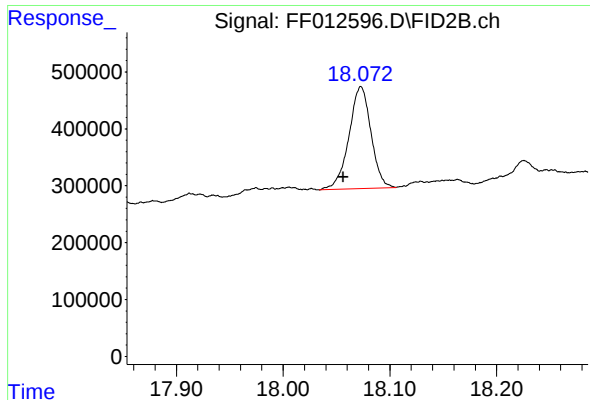
#11 N-HEXACOSANE

R.T.: 16.234 min
Delta R.T.: 0.013 min
Response: 2460988
Conc: 18.98 ug/ml



#12 N-OCTACOSANE

R.T.: 17.184 min
Delta R.T.: 0.014 min
Response: 2766015
Conc: 21.83 ug/ml



#13 N-TRIACONTANE

R.T.: 18.072 min
Delta R.T.: 0.016 min
Response: 2569900
Conc: 20.55 ug/ml

Instrument :

FID_F

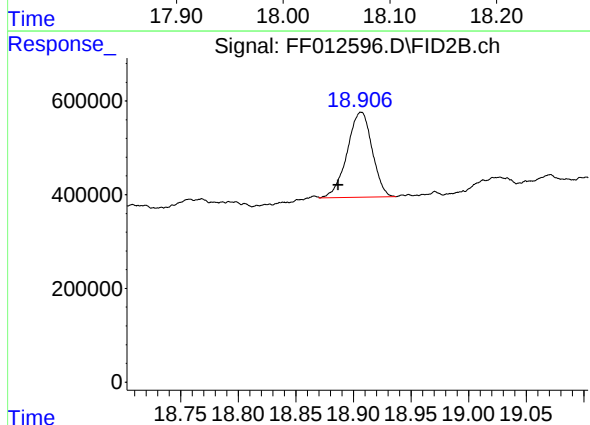
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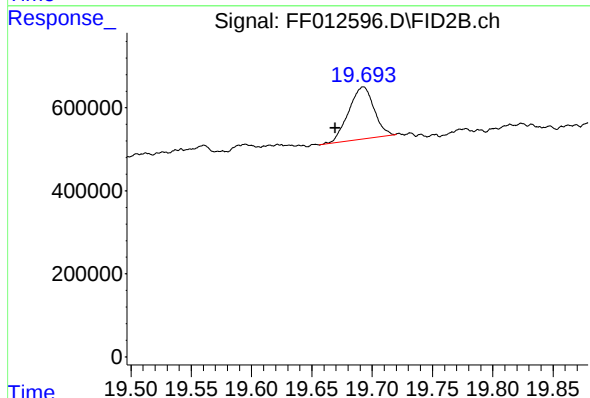
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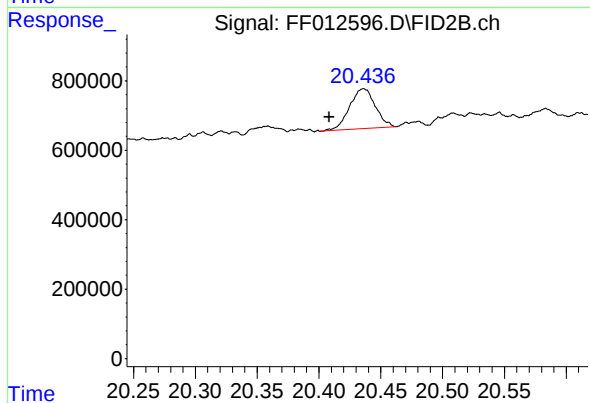
#14 N-DOTRIACONTANE

R.T.: 18.906 min
Delta R.T.: 0.019 min
Response: 2743357
Conc: 22.96 ug/ml m



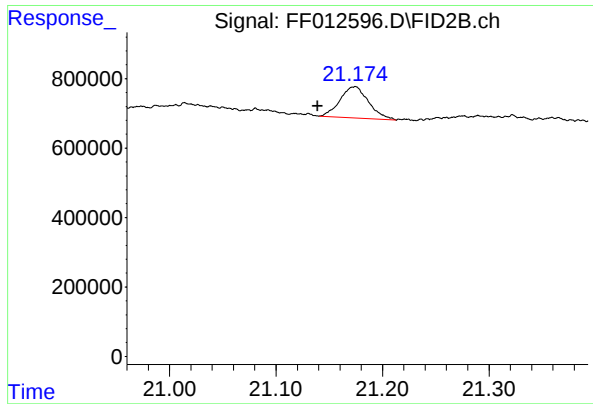
#15 N-TETRATRIACONTANE

R.T.: 19.693 min
Delta R.T.: 0.023 min
Response: 1840443
Conc: 16.73 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.436 min
Delta R.T.: 0.027 min
Response: 1668607
Conc: 16.04 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: 0.035 min
Response: 1687867
Conc: 16.78 ug/ml

Instrument :

FID_F

ClientSampleId :

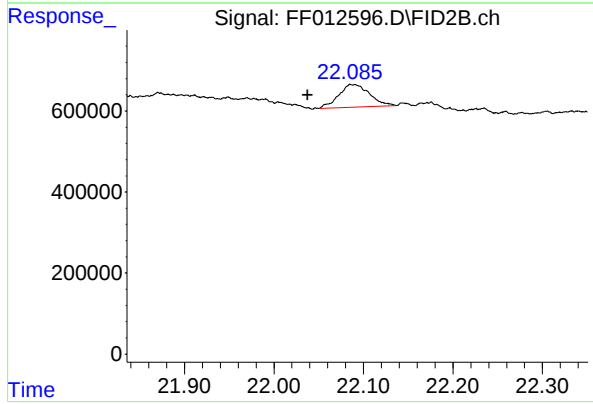
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#18 N-TETRACONTANE

R.T.: 22.085 min
Delta R.T.: 0.047 min
Response: 1347378
Conc: 13.01 ug/ml m