

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041823\
 Data File : FF012512.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2023 16:21
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Ankita Jodhani 04/19/2023

Integration File: autoint1.e
 Quant Time: Apr 18 23:12:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041323.M
 Quant Title :
 QLast Update : Thu Apr 13 15:26:28 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...	15.013	5516527	45.893 ug/ml
Target Compounds			
1) N-OCTANE	2.062	5706488	45.854 ug/ml
2) N-DECANE	4.576	6282999	50.423 ug/ml
3) N-DODECANE	6.738	6347766	51.396 ug/ml
4) N-TETRADECANE	8.564	6322275	49.287 ug/ml
5) N-HEXADECANE	10.169	6508580	48.746 ug/ml
6) N-OCTADECANE	11.611	6550979	48.023 ug/ml
7) N-EICOSANE	12.918	6512767	47.295 ug/ml
8) N-DOCOSANE	14.116	6282729	46.673 ug/ml
10) N-TETRACOSANE	15.217	6248816	46.197 ug/ml
11) N-HEXACOSANE	16.237	6061279	45.520 ug/ml
12) N-OCTACOSANE	17.185	5959891	45.189 ug/ml
13) N-TRIACONTANE	18.073	5914835	45.329 ug/ml
14) N-DOTRIACONTANE	18.905	5618570	44.539 ug/ml
15) N-TETRATRIACONTANE	19.688	5204423	45.893 ug/mlm
16) N-HEXATRIACONTANE	20.427	4788657	46.895 ug/mlm
17) N-OCTATRIACONTANE	21.161	4731760	48.556 ug/mlm
18) N-TETRACONTANE	22.067	4804178	49.677 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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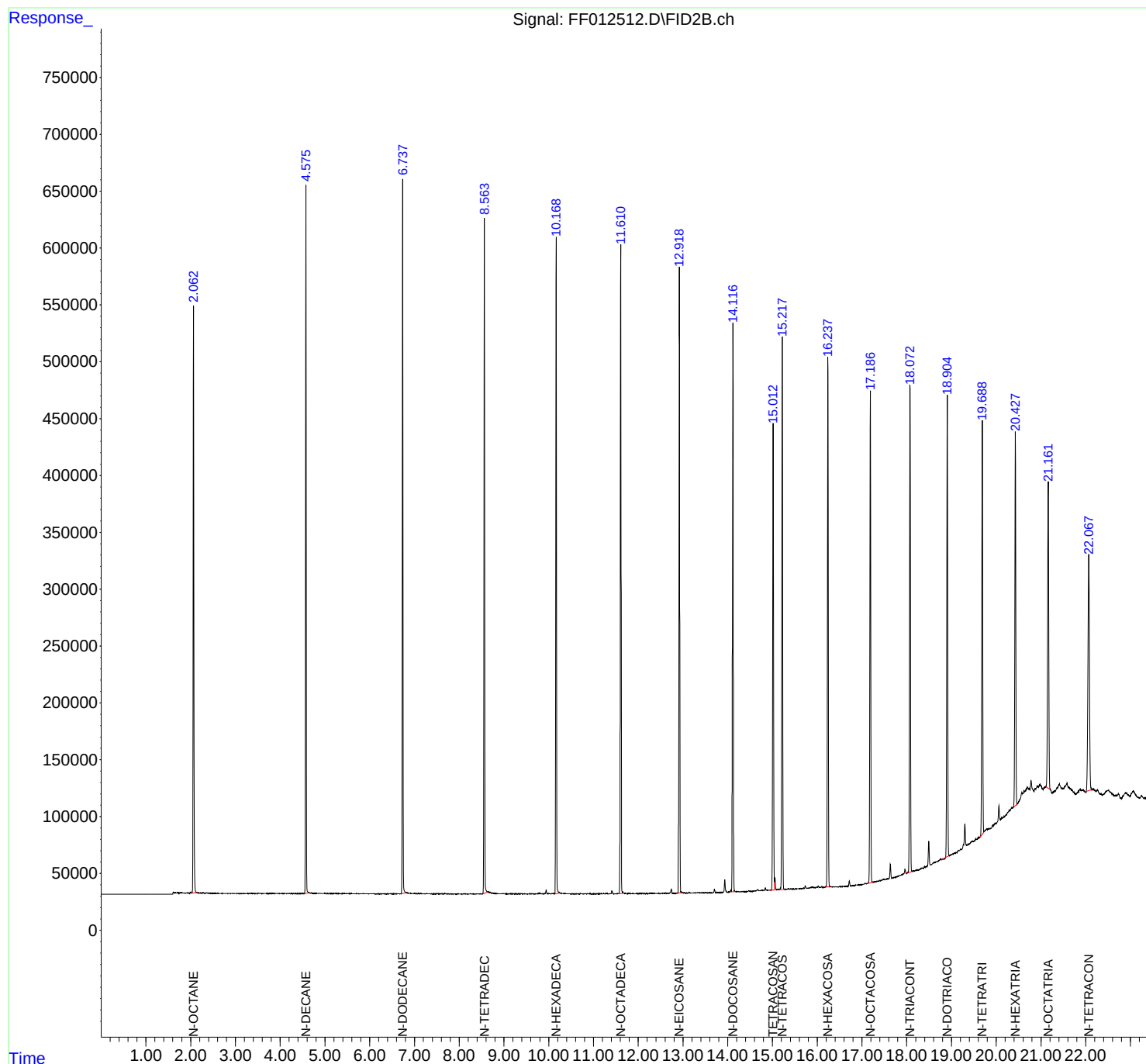
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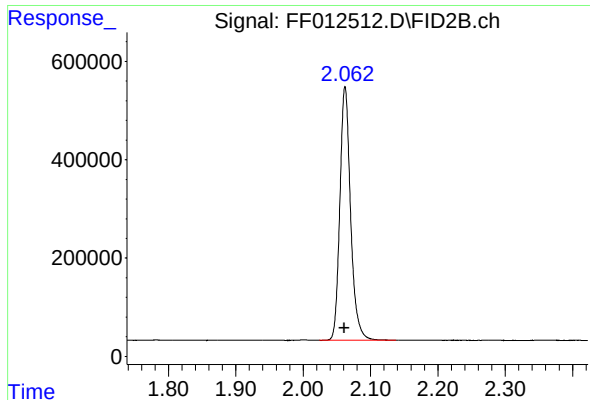
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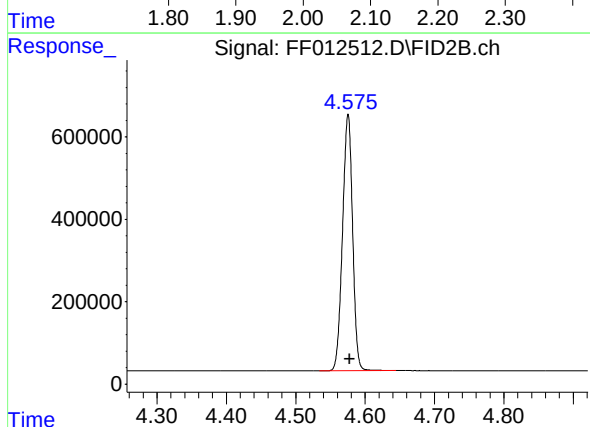
#1 N-OCTANE

R.T.: 2.062 min
Delta R.T.: 0.001 min
Response: 5706488
Conc: 45.85 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

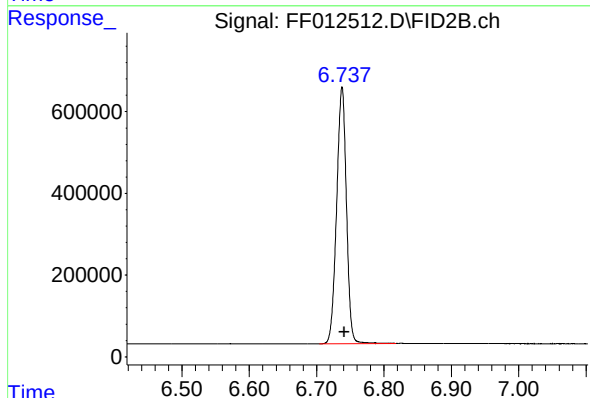
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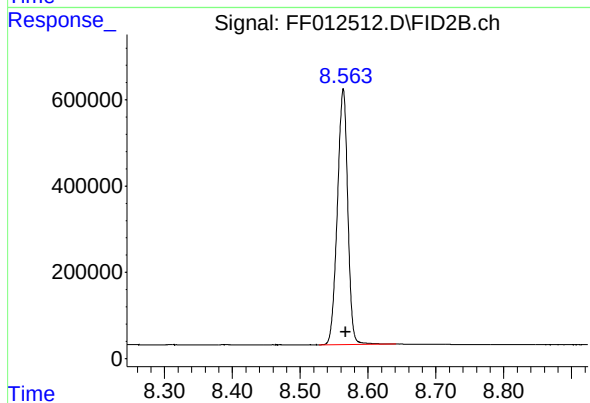
#2 N-DECANE

R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 6282999
Conc: 50.42 ug/ml



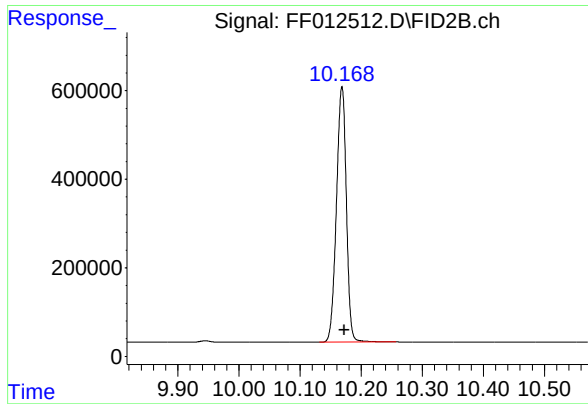
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 6347766
Conc: 51.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 6322275
Conc: 49.29 ug/ml



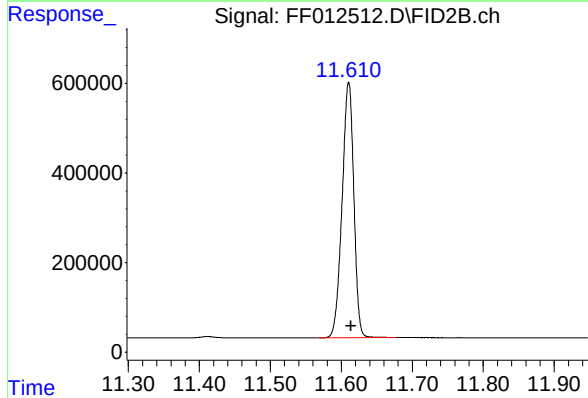
#5 N-HEXADECANE

R.T.: 10.169 min
Delta R.T.: -0.004 min
Response: 6508580
Conc: 48.75 ug/ml

Instrument :
FID_F
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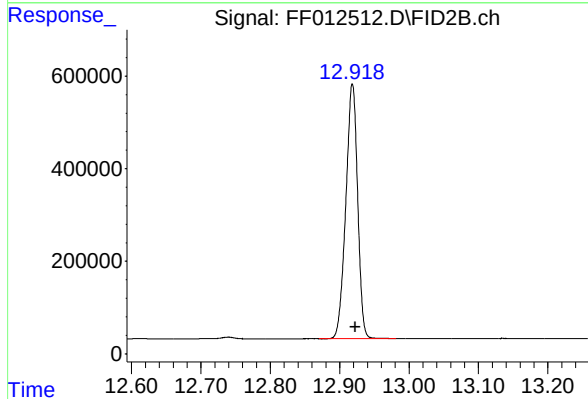
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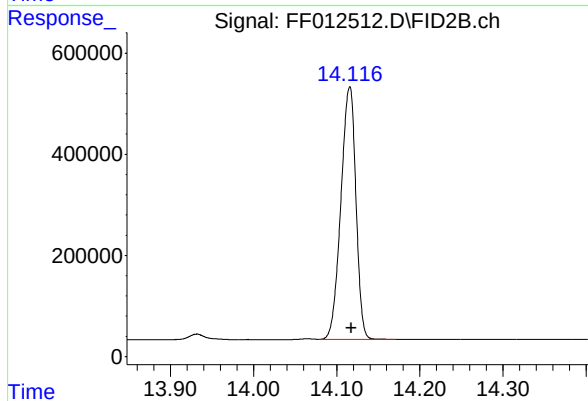
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.003 min
Response: 6550979
Conc: 48.02 ug/ml



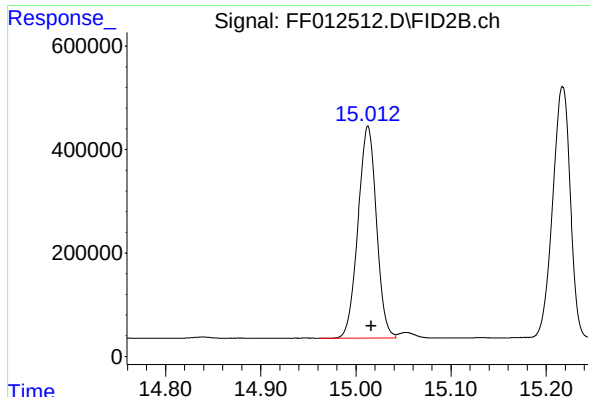
#7 N-EICOSANE

R.T.: 12.918 min
Delta R.T.: -0.004 min
Response: 6512767
Conc: 47.29 ug/ml



#8 N-DOCOSANE

R.T.: 14.116 min
Delta R.T.: -0.002 min
Response: 6282729
Conc: 46.67 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.013 min
Delta R.T.: -0.003 min
Response: 5516527
Conc: 45.89 ug/ml

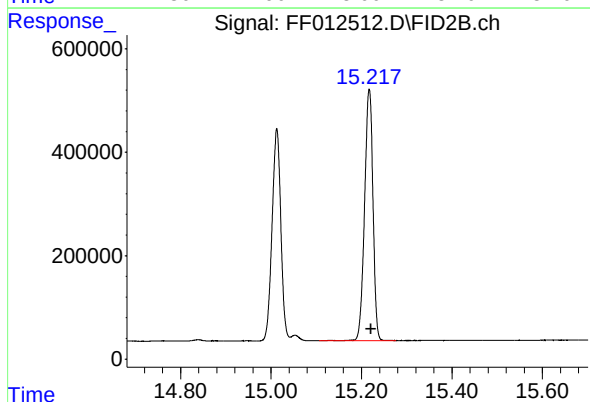
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

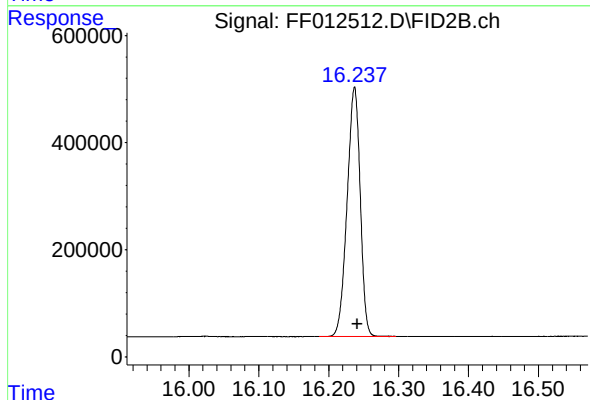
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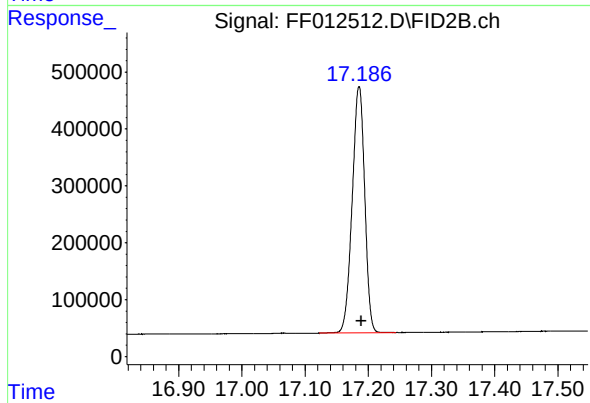
#10 N-TETRACOSANE

R.T.: 15.217 min
Delta R.T.: -0.004 min
Response: 6248816
Conc: 46.20 ug/ml



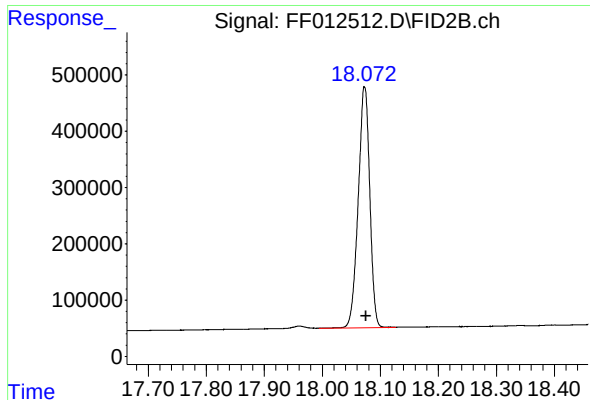
#11 N-HEXACOSANE

R.T.: 16.237 min
Delta R.T.: -0.004 min
Response: 6061279
Conc: 45.52 ug/ml



#12 N-OCTACOSANE

R.T.: 17.185 min
Delta R.T.: -0.004 min
Response: 5959891
Conc: 45.19 ug/ml



#13 N-TRIACONTANE

R.T.: 18.073 min
Delta R.T.: -0.003 min
Response: 5914835
Conc: 45.33 ug/ml

Instrument :

FID_F

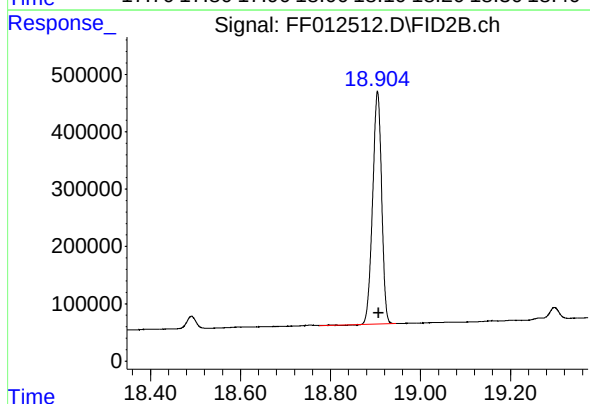
ClientSampleId :

50 PPM TRPH STD

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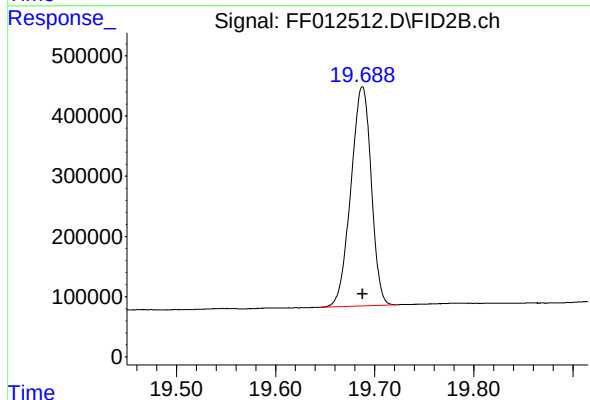
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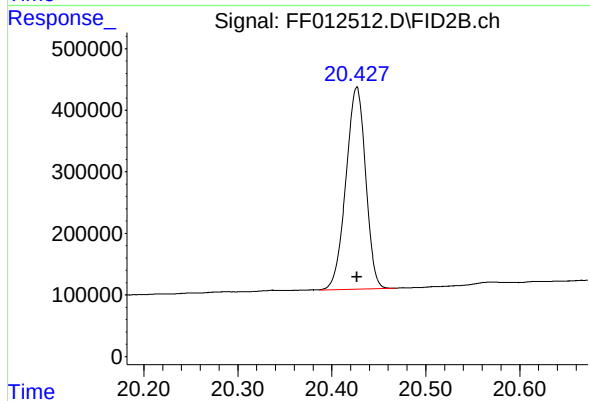
#14 N-DOTRIACONTANE

R.T.: 18.905 min
Delta R.T.: -0.002 min
Response: 5618570
Conc: 44.54 ug/ml



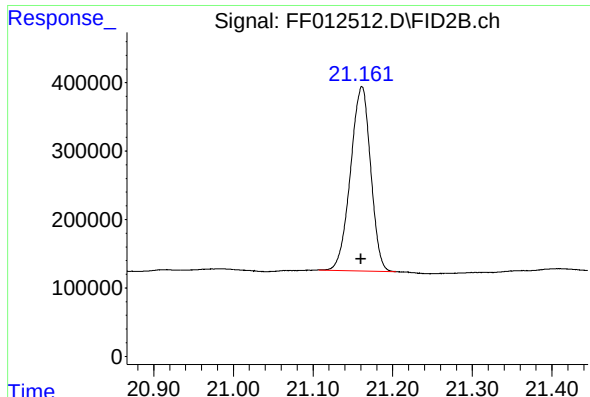
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 5204423
Conc: 45.89 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 4788657
Conc: 46.90 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.161 min
Delta R.T.: 0.000 min
Response: 4731760
Conc: 48.56 ug/ml

Instrument :

FID_F

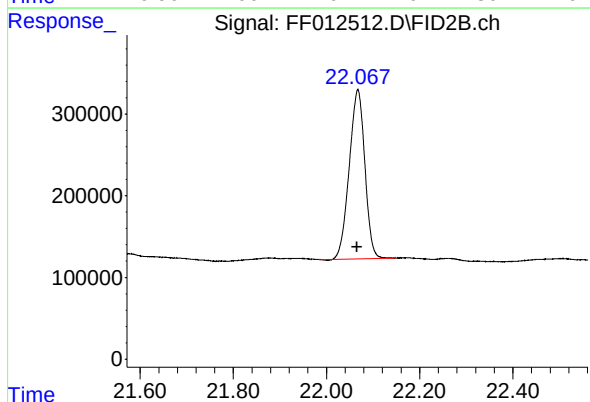
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.067 min
Delta R.T.: 0.002 min
Response: 4804178
Conc: 49.68 ug/ml