

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121823\
 Data File : FF013894.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 12:08
 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 12/19/2023
 Supervised By :Ankita Jodhani 12/19/2023

Integration File: autoint1.e
 Quant Time: Dec 18 23:19:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120523.M
 Quant Title :
 QLast Update : Tue Dec 05 11:16:50 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...	14.972	6025160	50.987 ug/ml
Target Compounds			
1) N-OCTANE	1.996	5072847	42.284 ug/ml
2) N-DECANE	4.517	6412345	51.179 ug/ml
3) N-DODECANE	6.683	6597278	51.526 ug/ml
4) N-TETRADECANE	8.510	6661639	51.743 ug/ml
5) N-HEXADECANE	10.117	6805881	51.733 ug/ml
6) N-OCTADECANE	11.560	6795937	51.582 ug/ml
7) N-EICOSANE	12.871	6735371	51.694 ug/ml
8) N-DOCOSANE	14.071	6455912	51.386 ug/ml
10) N-TETRACOSANE	15.176	6371630	51.245 ug/ml
11) N-HEXACOSANE	16.199	6213551	51.373 ug/ml
12) N-OCTACOSANE	17.151	6198747	52.253 ug/ml
13) N-TRIACONTANE	18.039	6400427	54.531 ug/ml
14) N-DOTRIACONTANE	18.873	6348182	55.980 ug/ml
15) N-TETRATRIACONTANE	19.657	5476797	55.872 ug/ml
16) N-HEXATRIACONTANE	20.397	4404805	54.736 ug/ml
17) N-OCTATRIACONTANE	21.128	4084138	54.841 ug/ml
18) N-TETRACONTANE	22.021	4145705	53.088 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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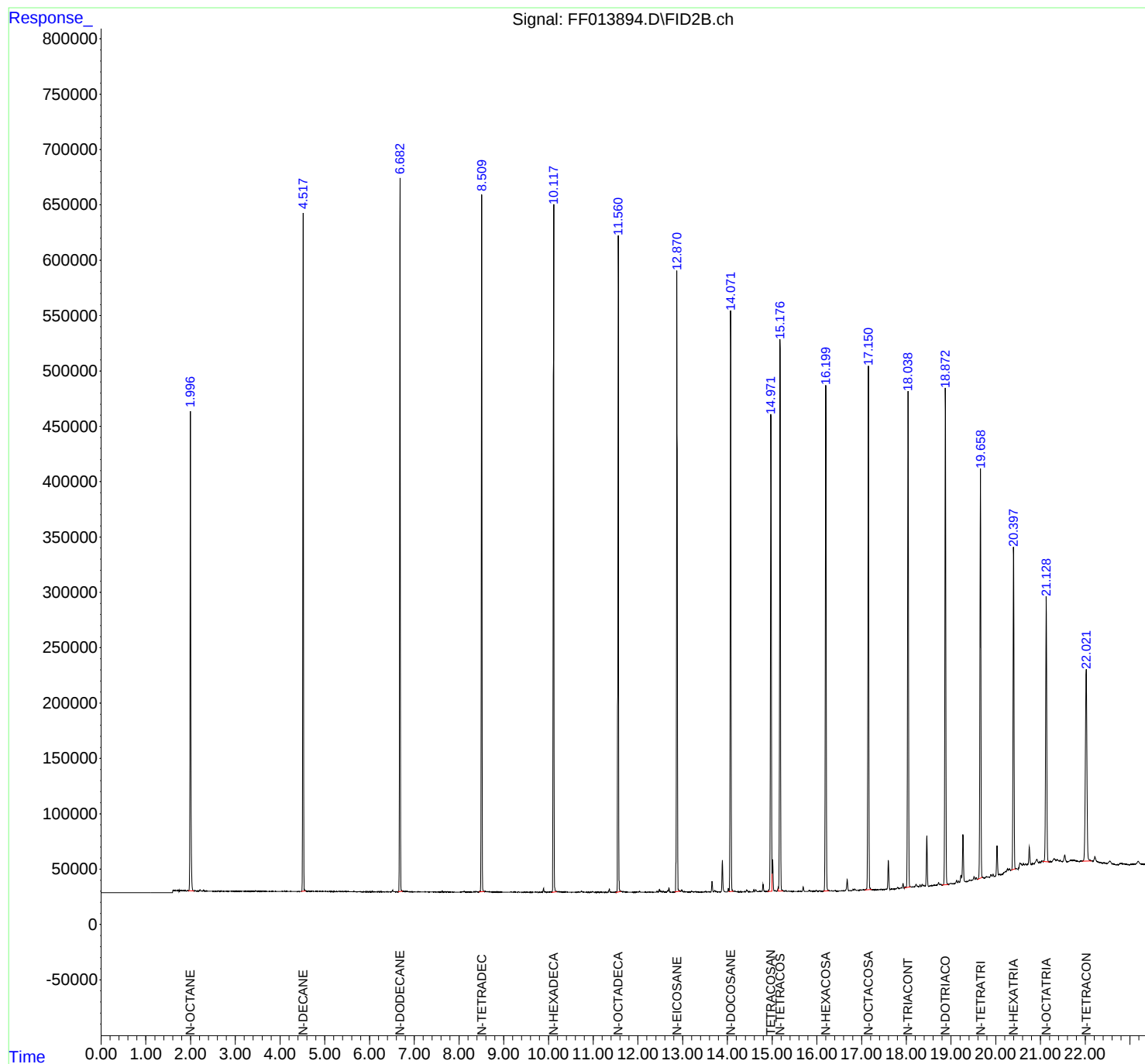
Instrument :
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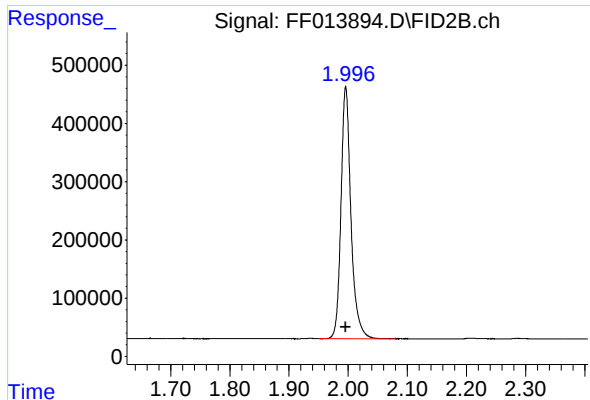
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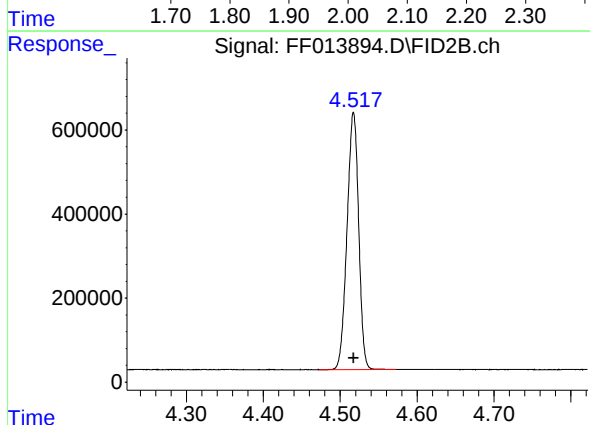
#1 N-OCTANE

R.T.: 1.996 min
Delta R.T.: 0.000 min
Response: 5072847
Conc: 42.28 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

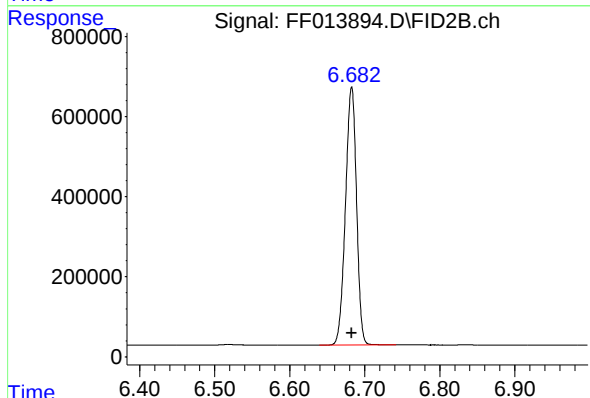
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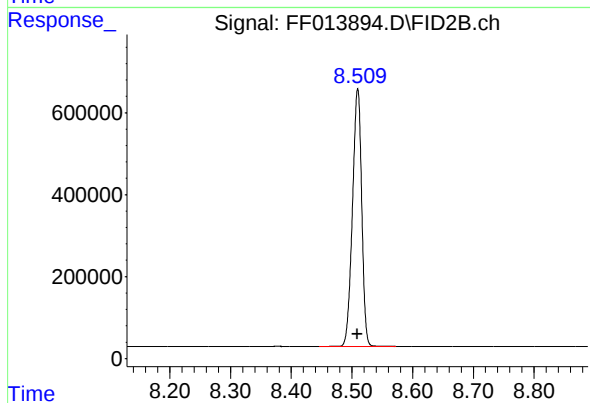
#2 N-DECANE

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 6412345
Conc: 51.18 ug/ml



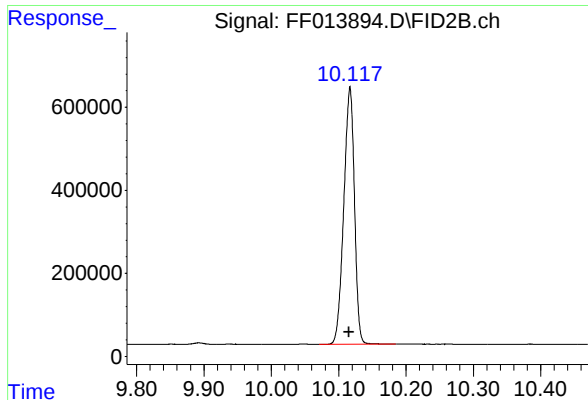
#3 N-DODECANE

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 6597278
Conc: 51.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 6661639
Conc: 51.74 ug/ml



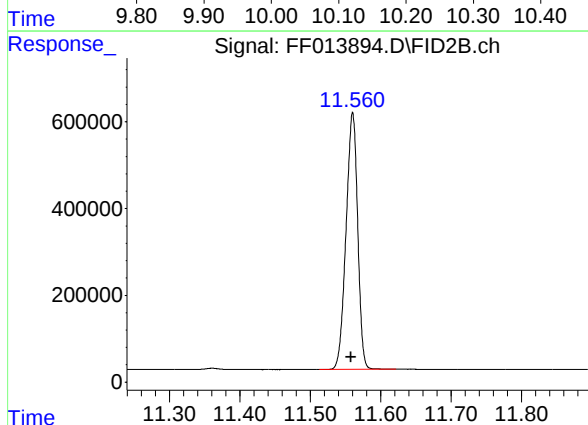
#5 N-HEXADECANE

R.T.: 10.117 min
Delta R.T.: 0.002 min
Response: 6805881
Conc: 51.73 ug/ml

Instrument :
FID_F
ClientSampleId :
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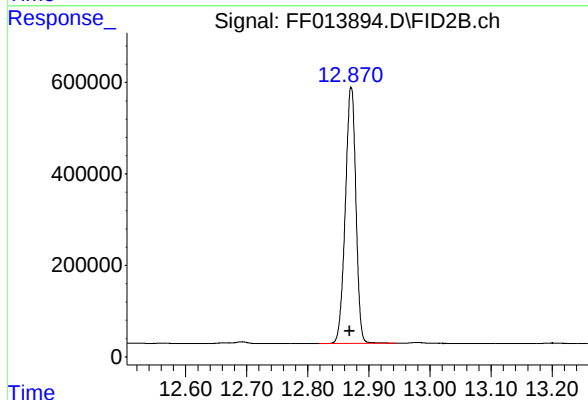
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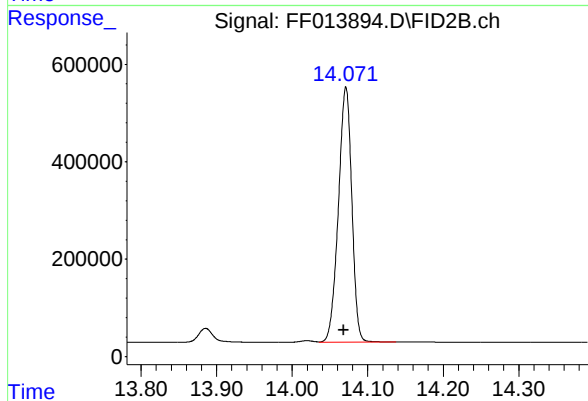
#6 N-OCTADECANE

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 6795937
Conc: 51.58 ug/ml



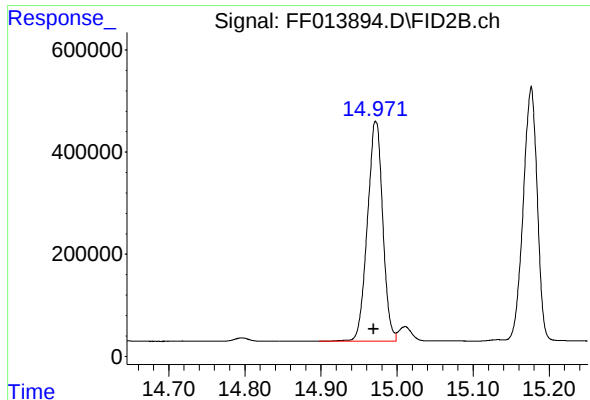
#7 N-EICOSANE

R.T.: 12.871 min
Delta R.T.: 0.002 min
Response: 6735371
Conc: 51.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.071 min
Delta R.T.: 0.003 min
Response: 6455912
Conc: 51.39 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.972 min
Delta R.T.: 0.003 min
Response: 6025160
Conc: 50.99 ug/ml

Instrument :

FID_F

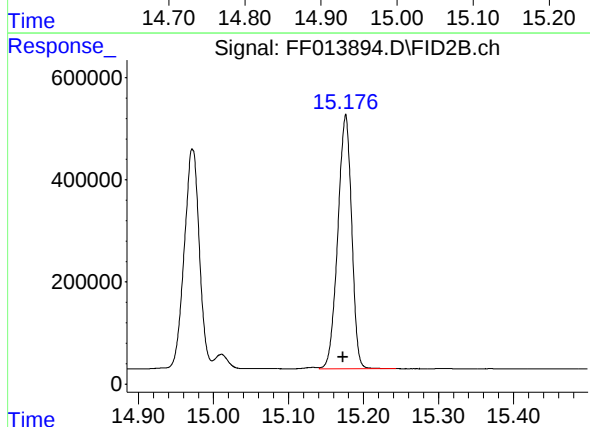
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

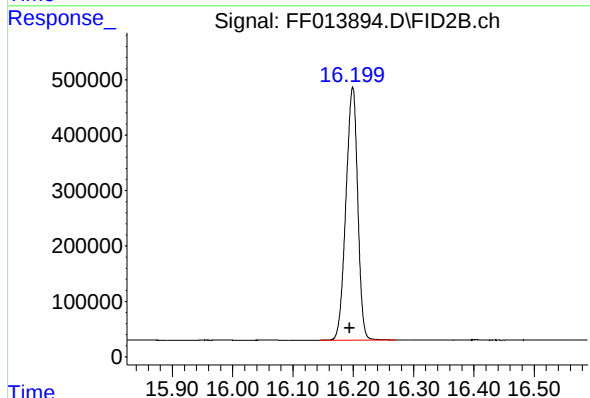
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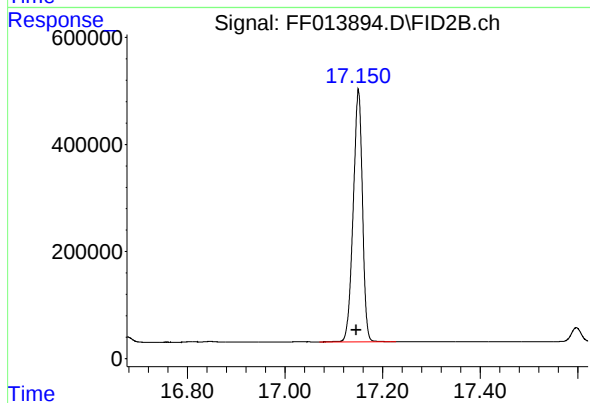
#10 N-TETRACOSANE

R.T.: 15.176 min
Delta R.T.: 0.003 min
Response: 6371630
Conc: 51.24 ug/ml



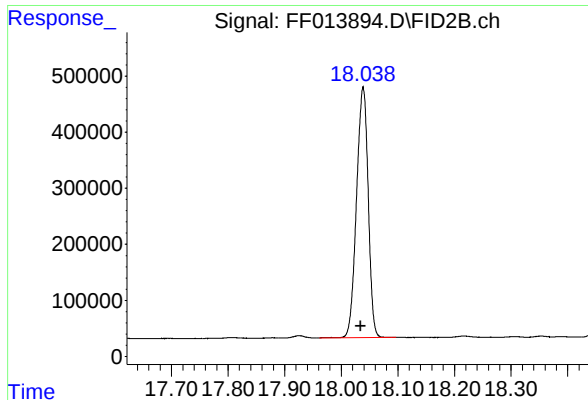
#11 N-HEXACOSANE

R.T.: 16.199 min
Delta R.T.: 0.005 min
Response: 6213551
Conc: 51.37 ug/ml



#12 N-OCTACOSANE

R.T.: 17.151 min
Delta R.T.: 0.005 min
Response: 6198747
Conc: 52.25 ug/ml



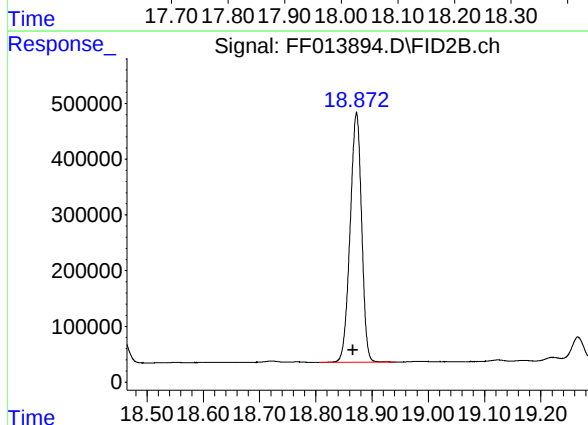
#13 N-TRIACONTANE

R.T.: 18.039 min
Delta R.T.: 0.005 min
Response: 6400427
Conc: 54.53 ug/ml

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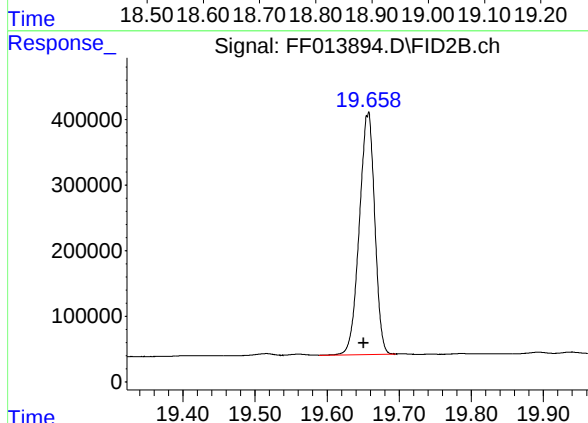
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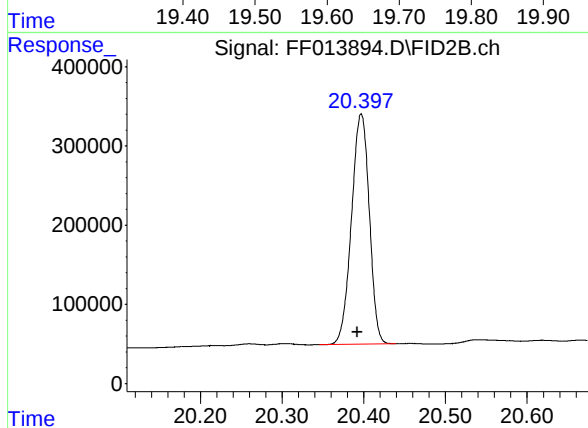
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: 0.006 min
Response: 6348182
Conc: 55.98 ug/ml



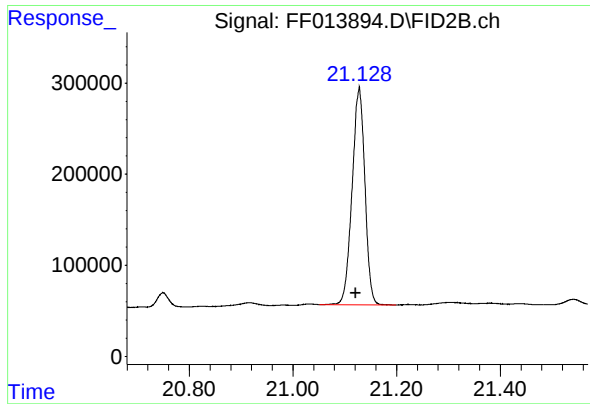
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: 0.006 min
Response: 5476797
Conc: 55.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.397 min
Delta R.T.: 0.005 min
Response: 4404805
Conc: 54.74 ug/ml



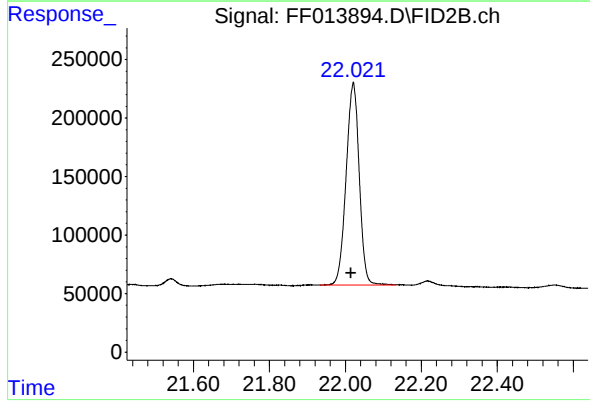
#17 N-OCTATRIACONTANE

R.T.: 21.128 min
Delta R.T.: 0.007 min
Response: 4084138
Conc: 54.84 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.021 min
Delta R.T.: 0.006 min
Response: 4145705
Conc: 53.09 ug/ml m