

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121823\
 Data File : FF013890.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 10:10
 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 23:19:22 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...	14.973	5952213	50.369 ug/ml
Target Compounds			
1) N-OCTANE	1.995	5037757	41.991 ug/ml
2) N-DECANE	4.516	6370112	50.842 ug/ml
3) N-DODECANE	6.682	6519168	50.915 ug/ml
4) N-TETRADECANE	8.509	6582892	51.131 ug/ml
5) N-HEXADECANE	10.116	6730681	51.161 ug/ml
6) N-OCTADECANE	11.560	6724689	51.042 ug/ml
7) N-EICOSANE	12.873	6652228	51.056 ug/ml
8) N-DOCOSANE	14.071	6383199	50.807 ug/ml
10) N-TETRACOSANE	15.177	6294335	50.623 ug/ml
11) N-HEXACOSANE	16.199	6122990	50.624 ug/ml
12) N-OCTACOSANE	17.151	6110827	51.512 ug/ml
13) N-TRIACONTANE	18.040	6309711	53.758 ug/mlm
14) N-DOTRIACONTANE	18.874	6215419	54.810 ug/ml
15) N-TETRATRIACONTANE	19.658	5404681	55.137 ug/ml
16) N-HEXATRIACONTANE	20.397	4433530	55.093 ug/ml
17) N-OCTATRIACONTANE	21.129	4085411	54.858 ug/ml
18) N-TETRACONTANE	22.021	4285666	54.880 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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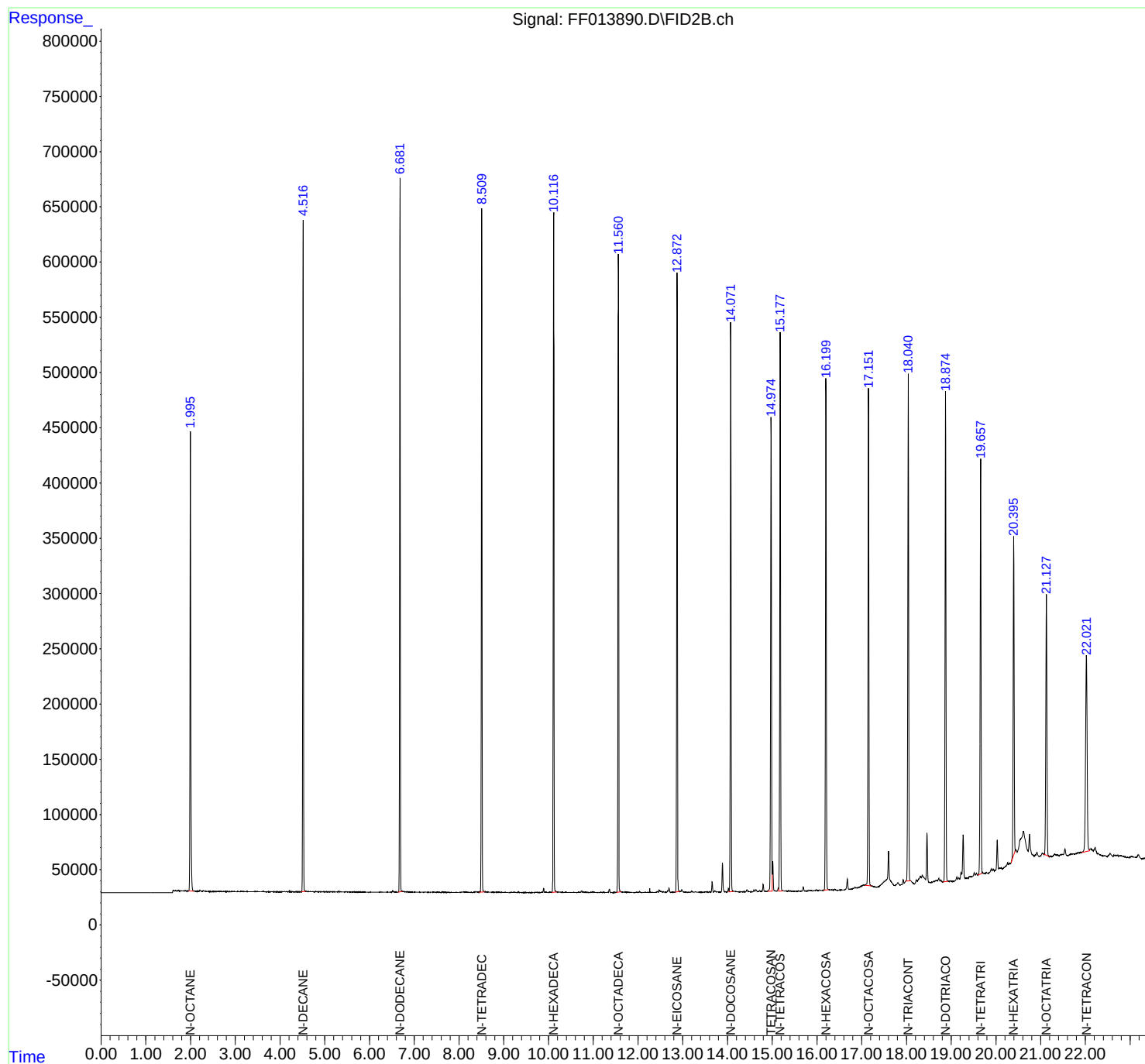
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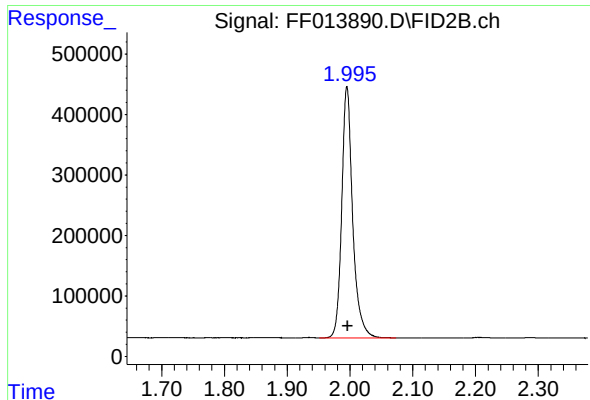
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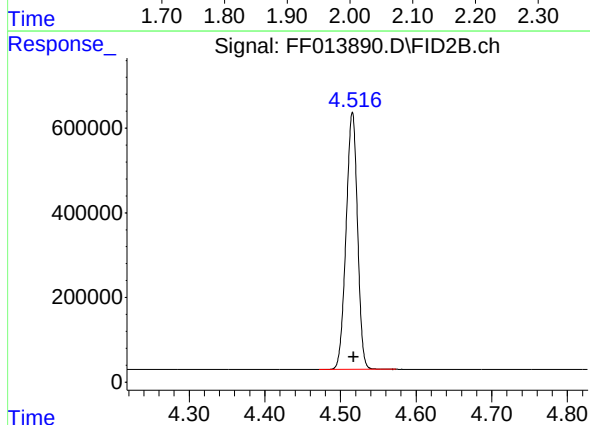
#1 N-OCTANE

R.T.: 1.995 min
Delta R.T.: 0.000 min
Response: 5037757
Conc: 41.99 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

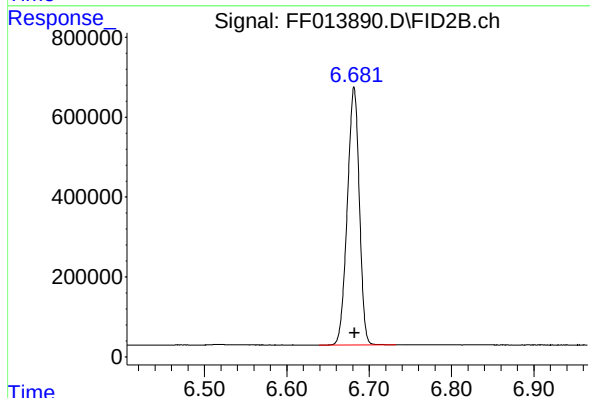
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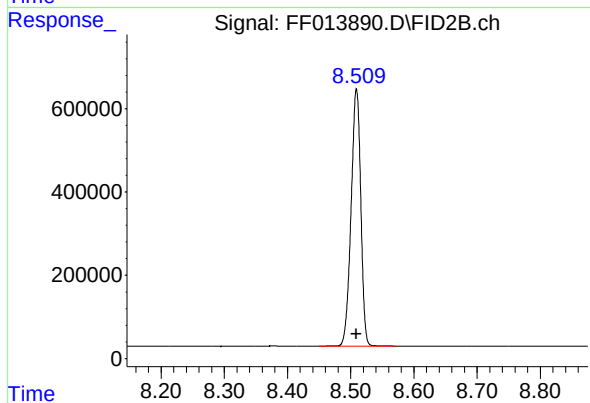
#2 N-DECANE

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 6370112
Conc: 50.84 ug/ml



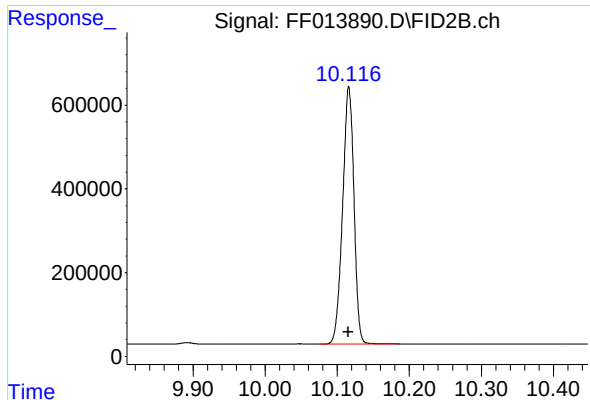
#3 N-DODECANE

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 6519168
Conc: 50.92 ug/ml



#4 N-TETRADECANE

R.T.: 8.509 min
Delta R.T.: 0.000 min
Response: 6582892
Conc: 51.13 ug/ml



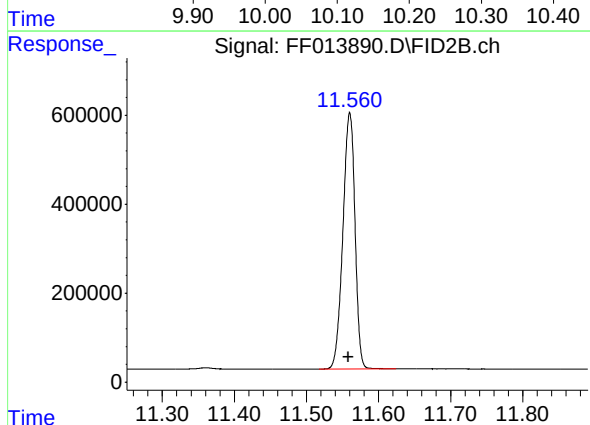
#5 N-HEXADECANE

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 6730681
Conc: 51.16 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

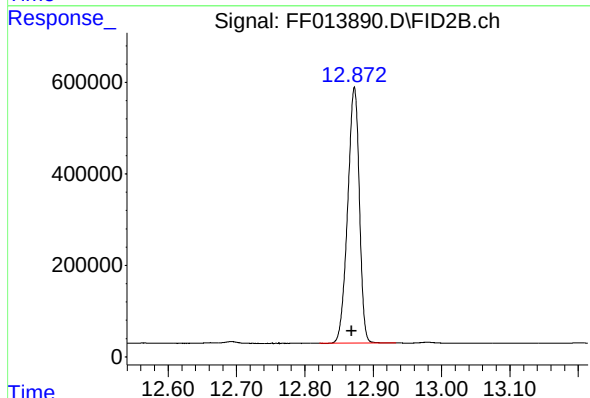
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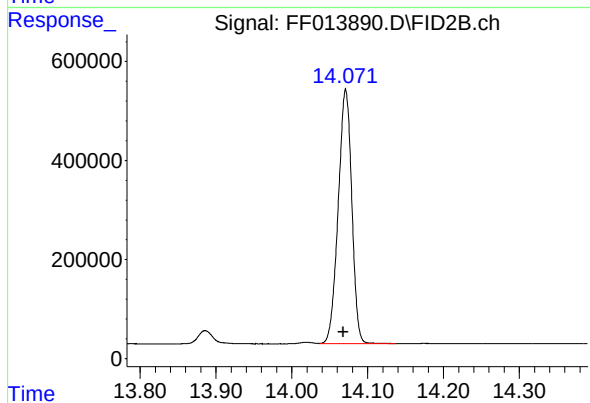
#6 N-OCTADECANE

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 6724689
Conc: 51.04 ug/ml



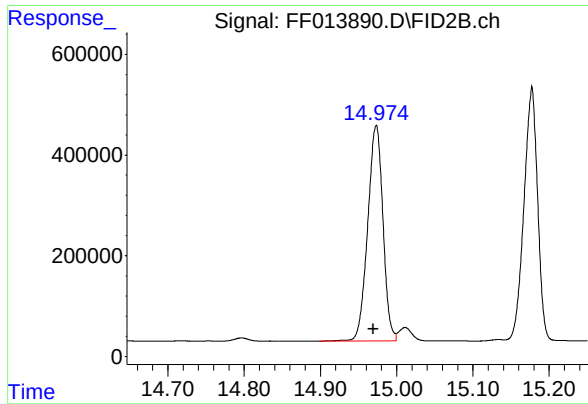
#7 N-EICOSANE

R.T.: 12.873 min
Delta R.T.: 0.004 min
Response: 6652228
Conc: 51.06 ug/ml



#8 N-DOCOSANE

R.T.: 14.071 min
Delta R.T.: 0.003 min
Response: 6383199
Conc: 50.81 ug/ml



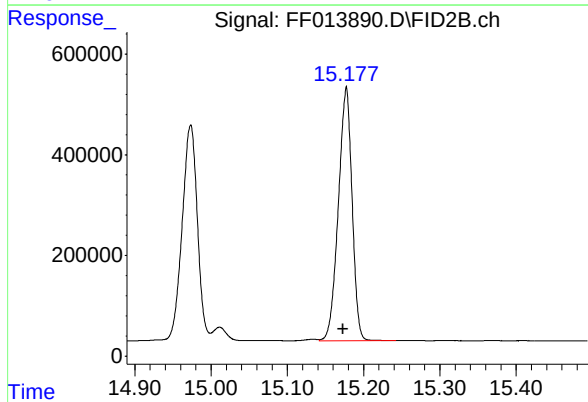
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.973 min
Delta R.T.: 0.004 min
Response: 5952213
Conc: 50.37 ug/ml

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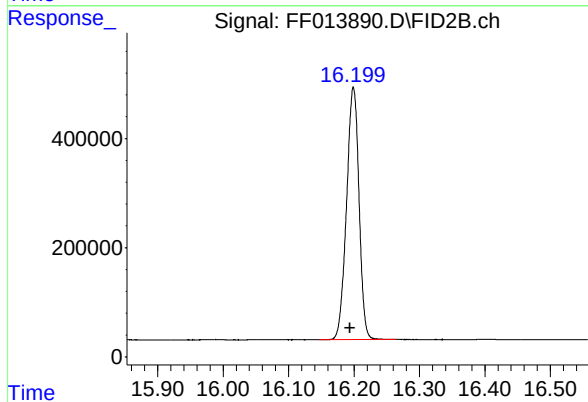
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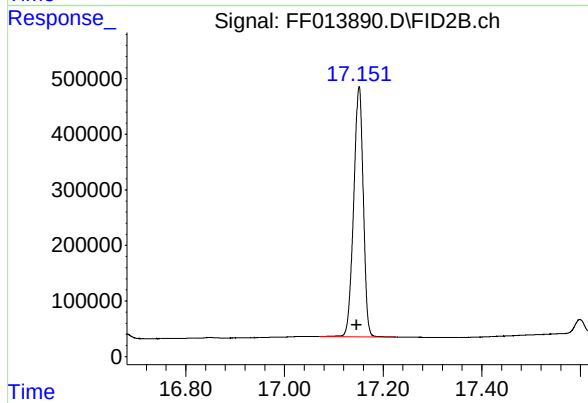
#10 N-TETRACOSANE

R.T.: 15.177 min
Delta R.T.: 0.004 min
Response: 6294335
Conc: 50.62 ug/ml



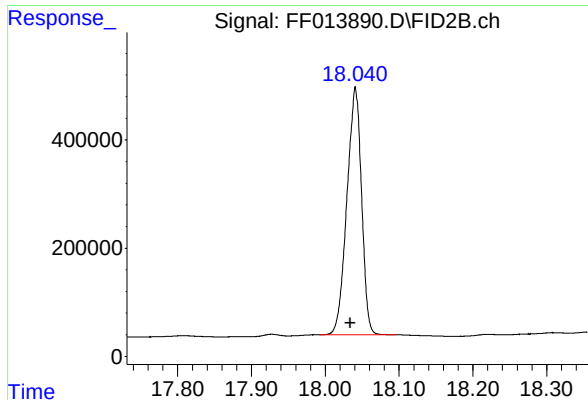
#11 N-HEXACOSANE

R.T.: 16.199 min
Delta R.T.: 0.005 min
Response: 6122990
Conc: 50.62 ug/ml



#12 N-OCTACOSANE

R.T.: 17.151 min
Delta R.T.: 0.006 min
Response: 6110827
Conc: 51.51 ug/ml



#13 N-TRIACONTANE

R.T.: 18.040 min
Delta R.T.: 0.006 min
Response: 6309711
Conc: 53.76 ug/ml

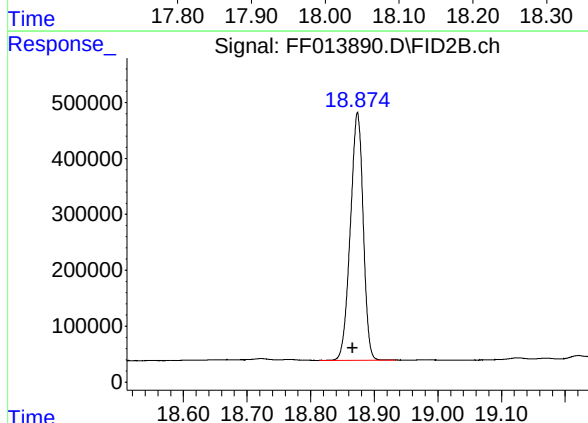
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

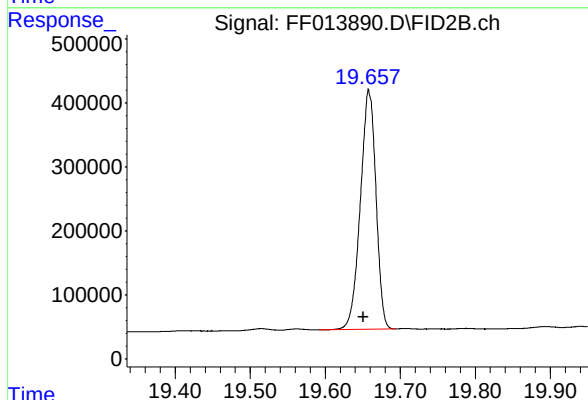
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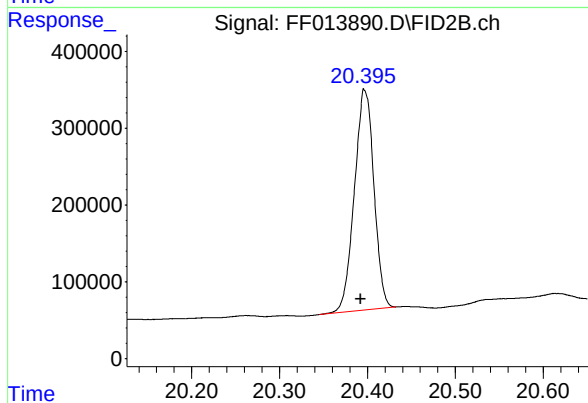
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: 0.008 min
Response: 6215419
Conc: 54.81 ug/ml



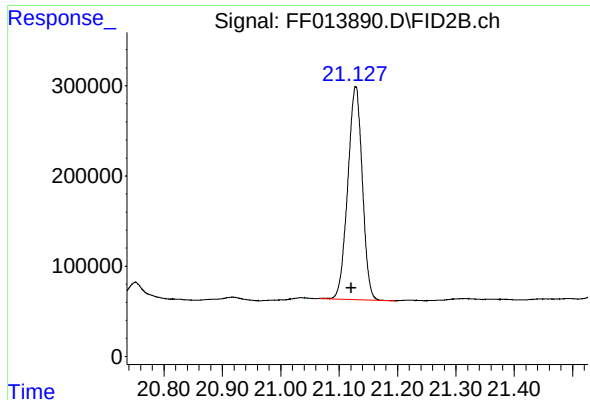
#15 N-TETRATRIACONTANE

R.T.: 19.658 min
Delta R.T.: 0.008 min
Response: 5404681
Conc: 55.14 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.397 min
Delta R.T.: 0.005 min
Response: 4433530
Conc: 55.09 ug/ml



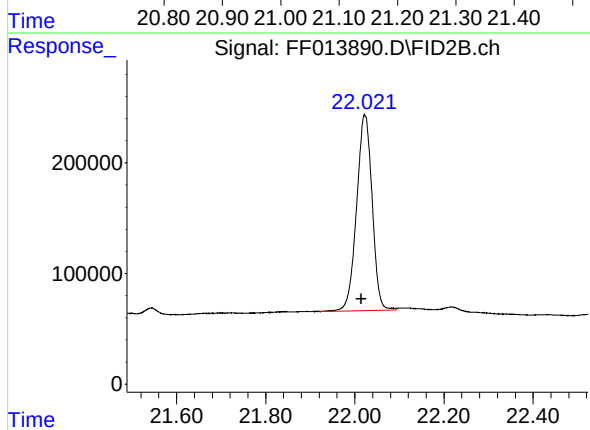
#17 N-OCTATRIACONTANE

R.T.: 21.129 min
Delta R.T.: 0.008 min
Response: 4085411
Conc: 54.86 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.021 min
Delta R.T.: 0.006 min
Response: 4285666
Conc: 54.88 ug/ml m