

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041023\
 Data File : FF012442.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2023 13:55
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
 Quant Time: Apr 10 14:22:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 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...	15.014	5086247	45.448 ug/mlm
Target Compounds			
1) N-OCTANE	2.066	6007313	47.371 ug/ml
2) N-DECANE	4.580	6174170	49.314 ug/ml
3) N-DODECANE	6.742	6162093	49.707 ug/ml
4) N-TETRADECANE	8.568	6143320	47.145 ug/ml
5) N-HEXADECANE	10.172	6137362	45.993 ug/ml
6) N-OCTADECANE	11.613	6045034	45.003 ug/ml
7) N-EICOSANE	12.921	5925953	44.547 ug/ml
8) N-DOCOSANE	14.117	5662653	44.562 ug/ml
10) N-TETRACOSANE	15.218	5614143	45.018 ug/ml
11) N-HEXACOSANE	16.238	5436223	45.400 ug/ml
12) N-OCTACOSANE	17.187	5346660	46.481 ug/ml
13) N-TRIACONTANE	18.072	5254761	47.756 ug/ml
14) N-DOTRIACONTANE	18.904	5087113	49.016 ug/ml
15) N-TETRATRIACONTANE	19.686	4836336	51.121 ug/ml
16) N-HEXATRIACONTANE	20.425	4633367	52.886 ug/ml
17) N-OCTATRIACONTANE	21.158	4622227	55.826 ug/ml
18) N-TETRACONTANE	22.065	4462176	54.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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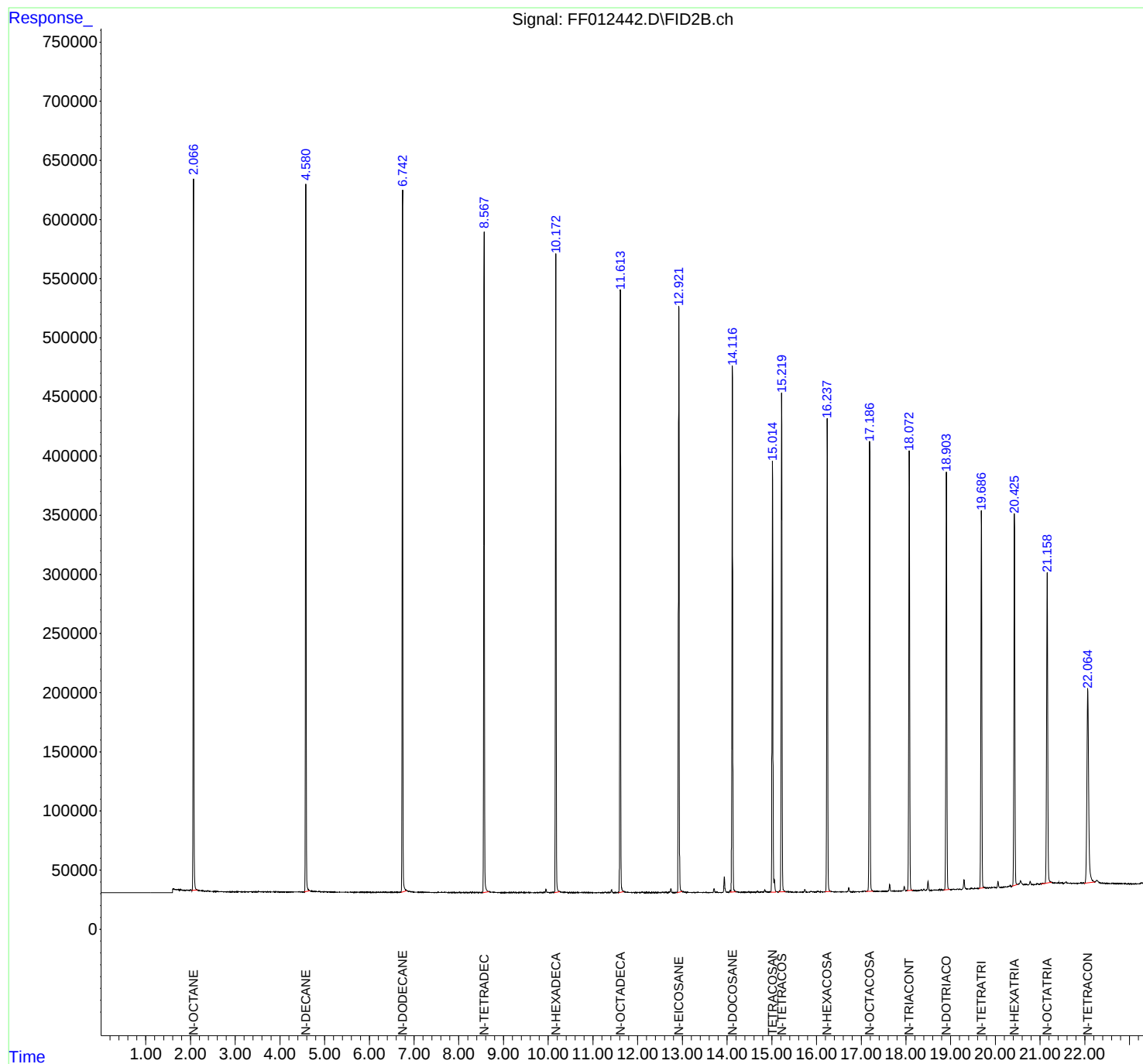
Instrument :
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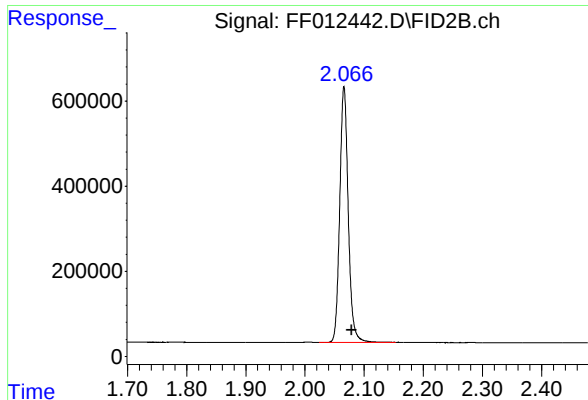
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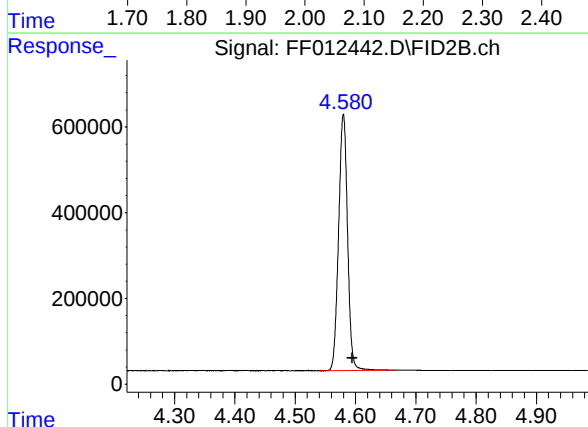
#1 N-OCTANE

R.T.: 2.066 min
Delta R.T.: -0.013 min
Response: 6007313
Conc: 47.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

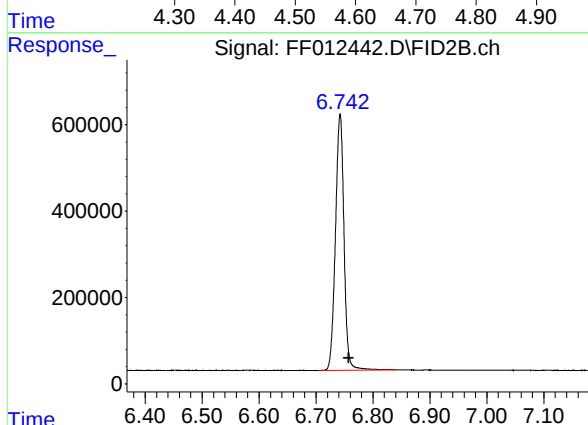
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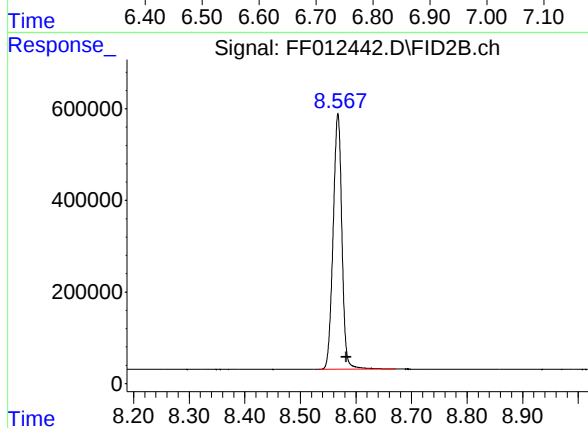
#2 N-DECANE

R.T.: 4.580 min
Delta R.T.: -0.015 min
Response: 6174170
Conc: 49.31 ug/ml



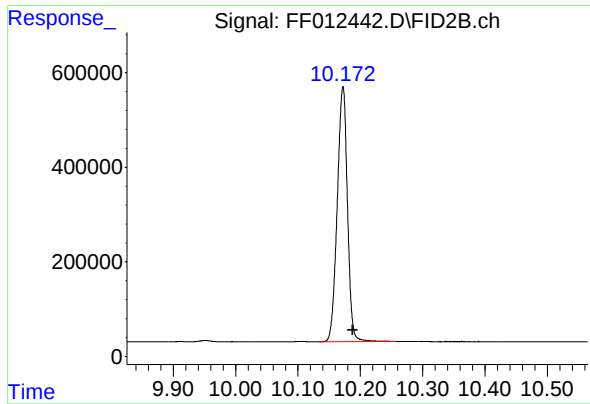
#3 N-DODECANE

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 6162093
Conc: 49.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.568 min
Delta R.T.: -0.015 min
Response: 6143320
Conc: 47.14 ug/ml



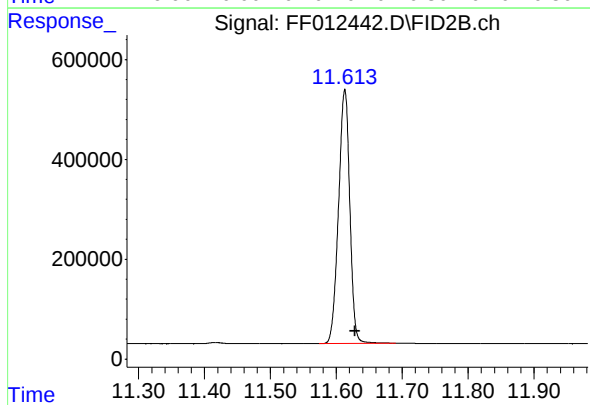
#5 N-HEXADECANE

R.T.: 10.172 min
Delta R.T.: -0.016 min
Response: 6137362
Conc: 45.99 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

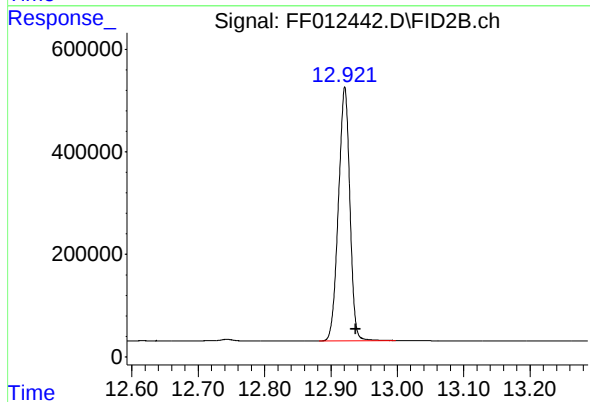
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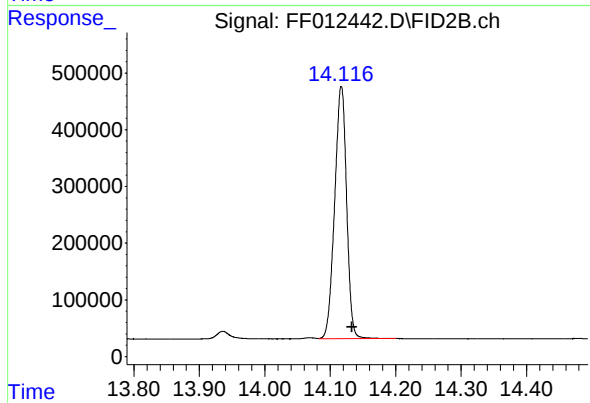
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: -0.015 min
Response: 6045034
Conc: 45.00 ug/ml



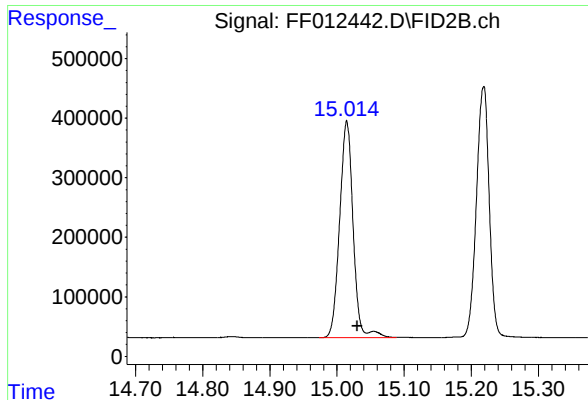
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.016 min
Response: 5925953
Conc: 44.55 ug/ml



#8 N-DOCOSANE

R.T.: 14.117 min
Delta R.T.: -0.016 min
Response: 5662653
Conc: 44.56 ug/ml



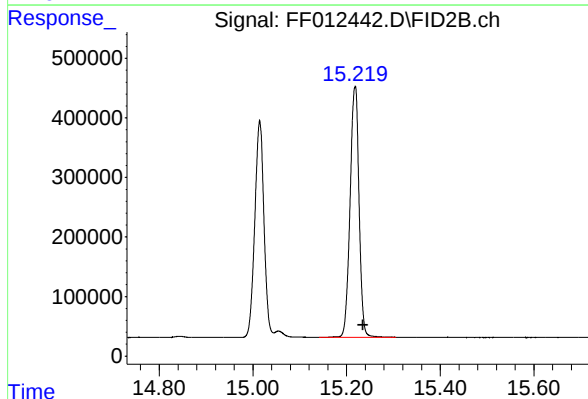
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.014 min
Delta R.T.: -0.016 min
Response: 5086247
Conc: 45.45 ug/ml

Instrument :
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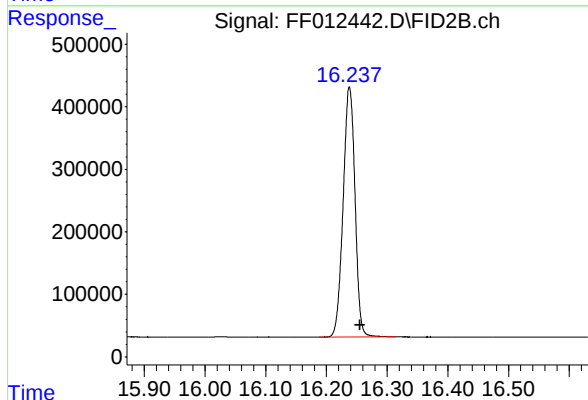
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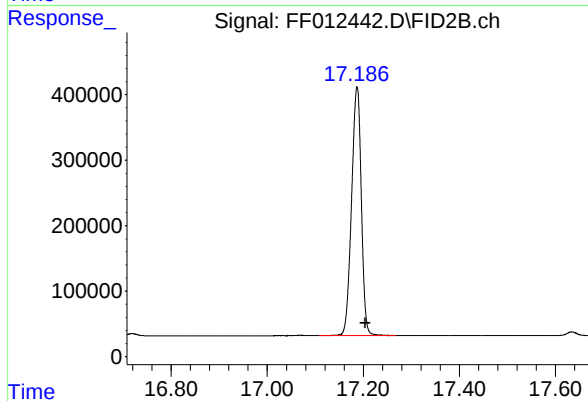
#10 N-TETRACOSANE

R.T.: 15.218 min
Delta R.T.: -0.017 min
Response: 5614143
Conc: 45.02 ug/ml



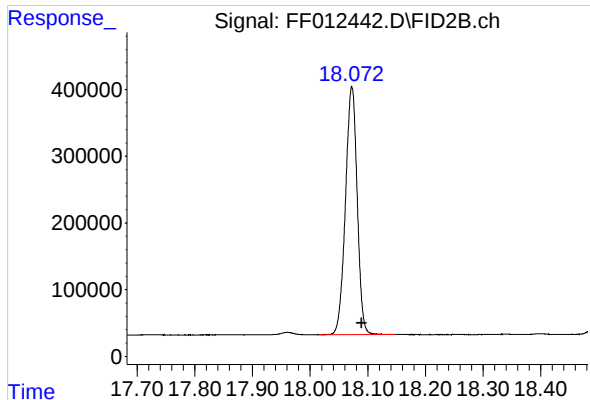
#11 N-HEXACOSANE

R.T.: 16.238 min
Delta R.T.: -0.017 min
Response: 5436223
Conc: 45.40 ug/ml



#12 N-OCTACOSANE

R.T.: 17.187 min
Delta R.T.: -0.017 min
Response: 5346660
Conc: 46.48 ug/ml



#13 N-TRIACONTANE

R.T.: 18.072 min
Delta R.T.: -0.017 min
Response: 5254761
Conc: 47.76 ug/ml

Instrument :

FID_F

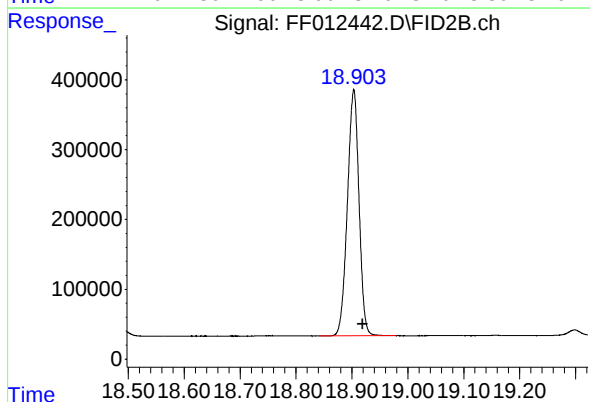
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

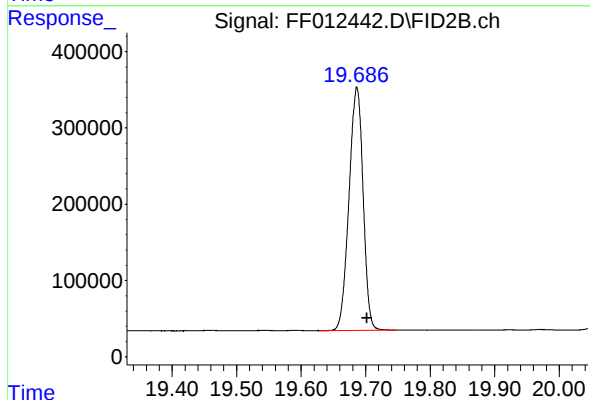
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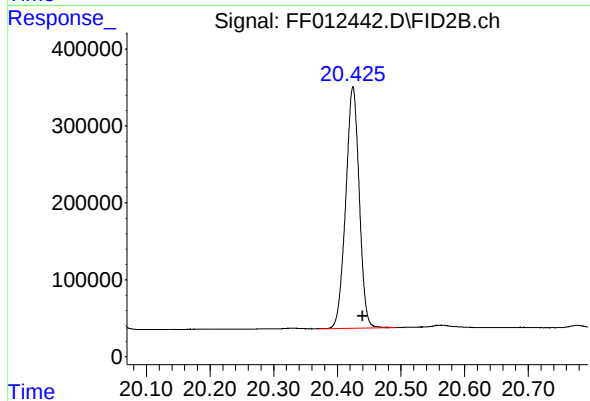
#14 N-DOTRIACONTANE

R.T.: 18.904 min
Delta R.T.: -0.016 min
Response: 5087113
Conc: 49.02 ug/ml



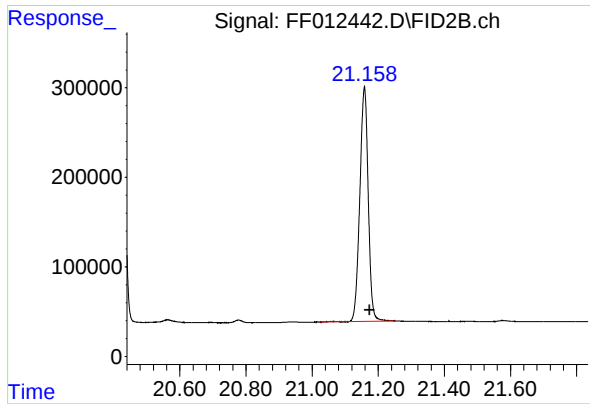
#15 N-TETRATRIACONTANE

R.T.: 19.686 min
Delta R.T.: -0.016 min
Response: 4836336
Conc: 51.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.425 min
Delta R.T.: -0.015 min
Response: 4633367
Conc: 52.89 ug/ml



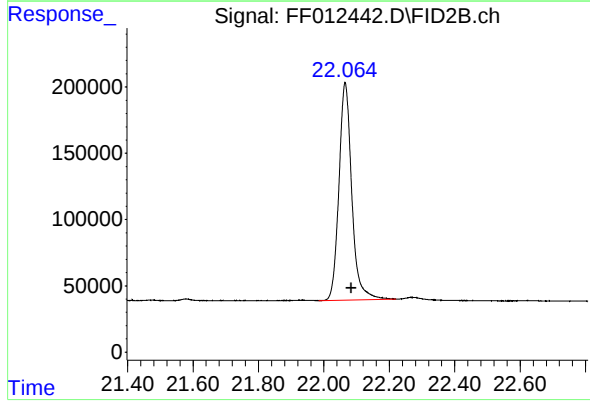
#17 N-OCTATRIACONTANE

R.T.: 21.158 min
Delta R.T.: -0.016 min
Response: 4622227
Conc: 55.83 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.065 min
Delta R.T.: -0.019 min
Response: 4462176
Conc: 54.62 ug/ml