

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032423\
 Data File : FF012348.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 10:56
 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 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 24 17:36:44 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...	15.030	5594881	49.993 ug/mlm
Target Compounds			
1) N-OCTANE	2.074	5906956	46.580 ug/ml
2) N-DECANE	4.592	6457508	51.577 ug/ml
3) N-DODECANE	6.755	6561106	52.925 ug/ml
4) N-TETRADECANE	8.580	6617003	50.780 ug/ml
5) N-HEXADECANE	10.185	6713336	50.309 ug/ml
6) N-OCTADECANE	11.626	6666889	49.632 ug/ml
7) N-EICOSANE	12.934	6547245	49.217 ug/ml
8) N-DOCOSANE	14.132	6241162	49.115 ug/ml
10) N-TETRACOSANE	15.234	6133024	49.178 ug/ml
11) N-HEXACOSANE	16.253	5931145	49.534 ug/ml
12) N-OCTACOSANE	17.201	5783071	50.275 ug/ml
13) N-TRIACONTANE	18.087	5645556	51.307 ug/ml
14) N-DOTRIACONTANE	18.919	5374500	51.785 ug/ml
15) N-TETRATRIACONTANE	19.700	4948787	52.309 ug/ml
16) N-HEXATRIACONTANE	20.439	4582680	52.308 ug/ml
17) N-OCTATRIACONTANE	21.174	4567929	55.170 ug/ml
18) N-TETRACONTANE	22.084	4674602	57.225 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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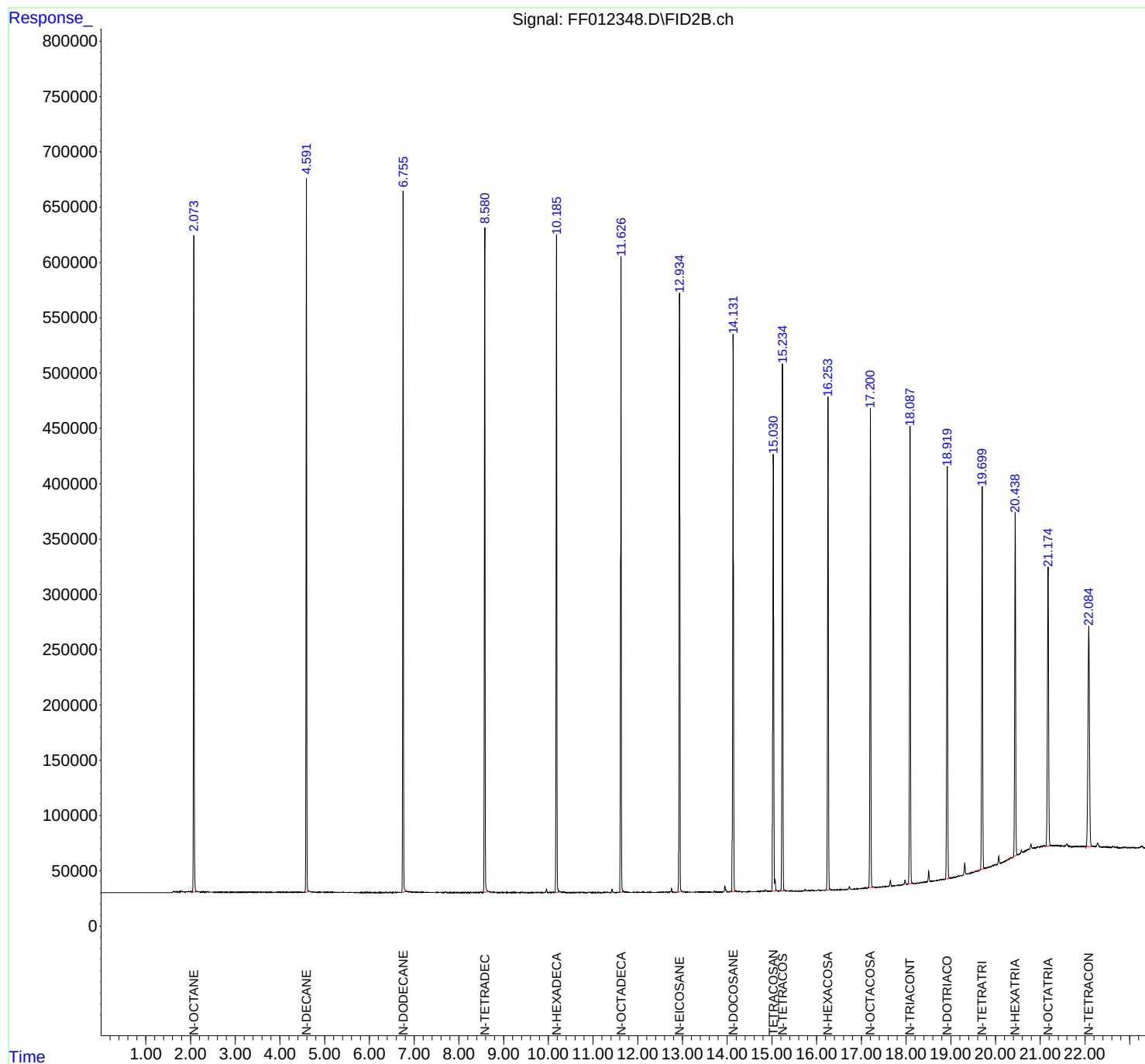
Instrument :
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50 PPM TRPH STD

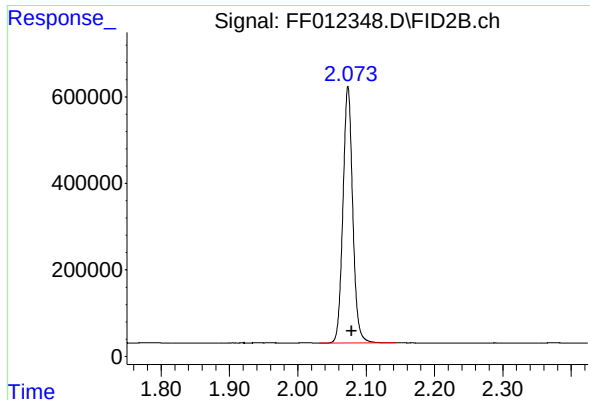
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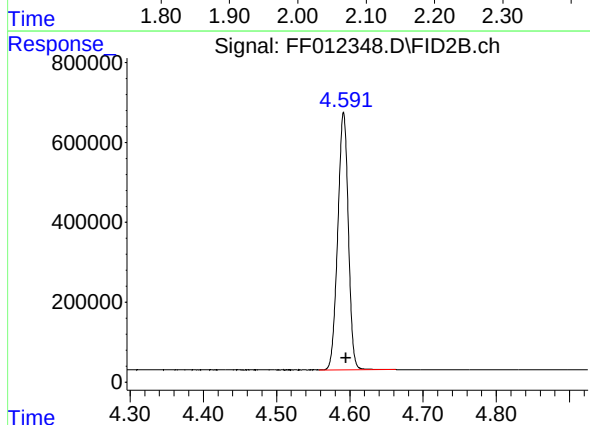
#1 N-OCTANE

R.T.: 2.074 min
Delta R.T.: -0.005 min
Response: 5906956
Conc: 46.58 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

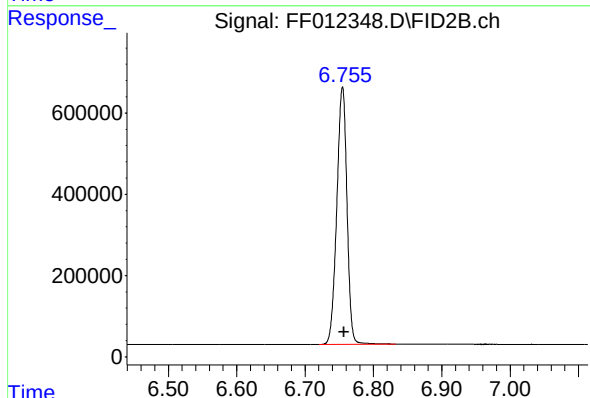
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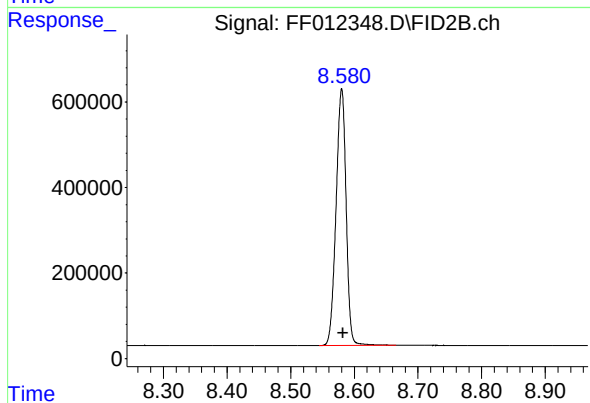
#2 N-DECANE

R.T.: 4.592 min
Delta R.T.: -0.003 min
Response: 6457508
Conc: 51.58 ug/ml



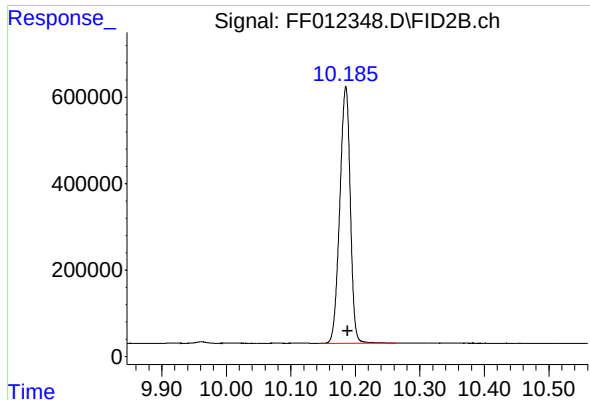
#3 N-DODECANE

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 6561106
Conc: 52.93 ug/ml



#4 N-TETRADECANE

R.T.: 8.580 min
Delta R.T.: -0.002 min
Response: 6617003
Conc: 50.78 ug/ml



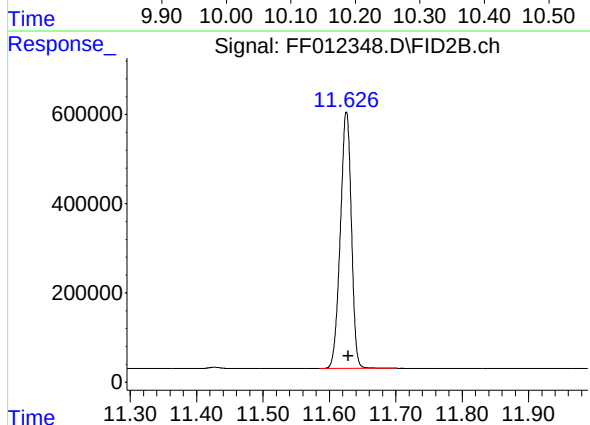
#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.003 min
Response: 6713336
Conc: 50.31 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

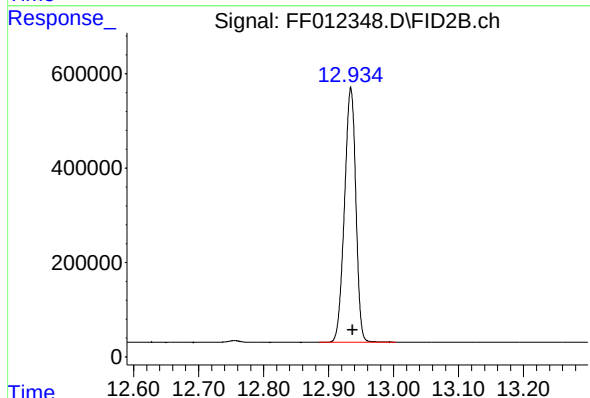
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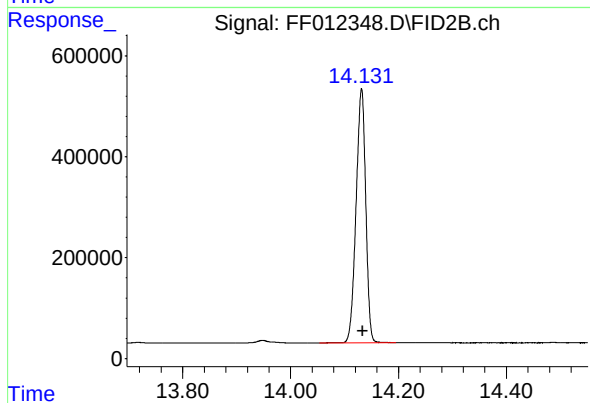
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: -0.002 min
Response: 6666889
Conc: 49.63 ug/ml



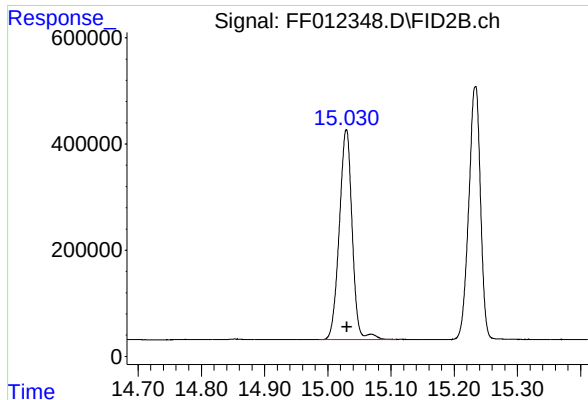
#7 N-EICOSANE

R.T.: 12.934 min
Delta R.T.: -0.003 min
Response: 6547245
Conc: 49.22 ug/ml



#8 N-DOCOSANE

R.T.: 14.132 min
Delta R.T.: -0.002 min
Response: 6241162
Conc: 49.11 ug/ml



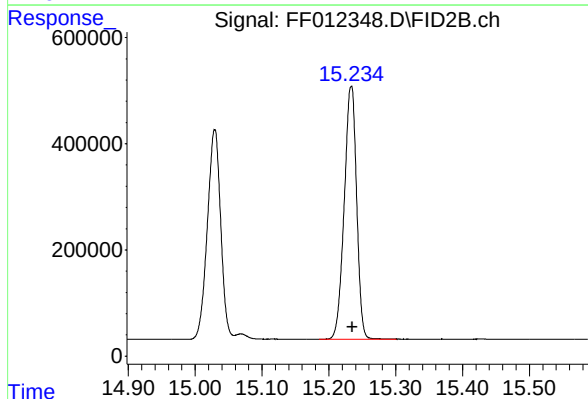
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.030 min
Delta R.T.: 0.000 min
Response: 5594881
Conc: 49.99 ug/ml

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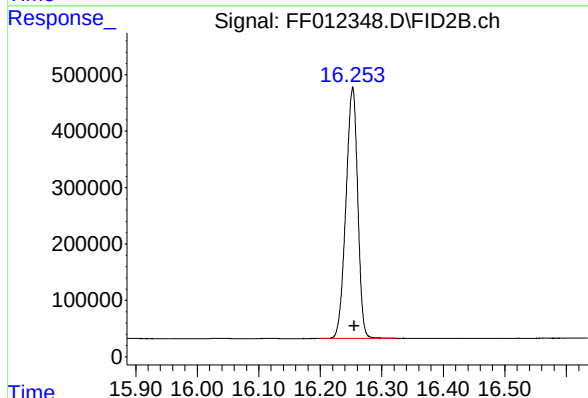
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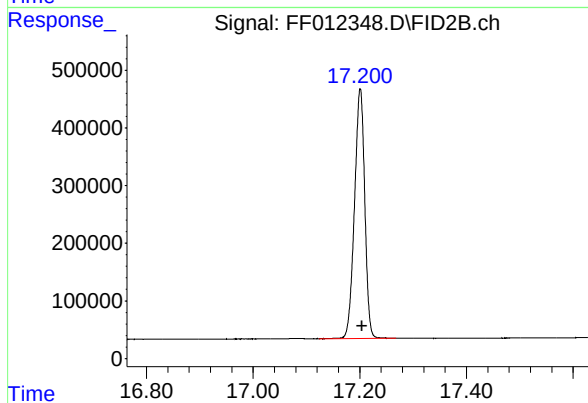
#10 N-TETRACOSANE

R.T.: 15.234 min
Delta R.T.: -0.002 min
Response: 6133024
Conc: 49.18 ug/ml



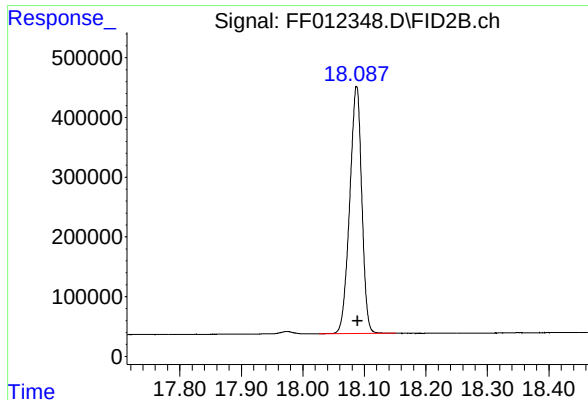
#11 N-HEXACOSANE

R.T.: 16.253 min
Delta R.T.: -0.002 min
Response: 5931145
Conc: 49.53 ug/ml



#12 N-OCTACOSANE

R.T.: 17.201 min
Delta R.T.: -0.003 min
Response: 5783071
Conc: 50.27 ug/ml



#13 N-TRIACONTANE

R.T.: 18.087 min
Delta R.T.: -0.002 min
Response: 5645556
Conc: 51.31 ug/ml

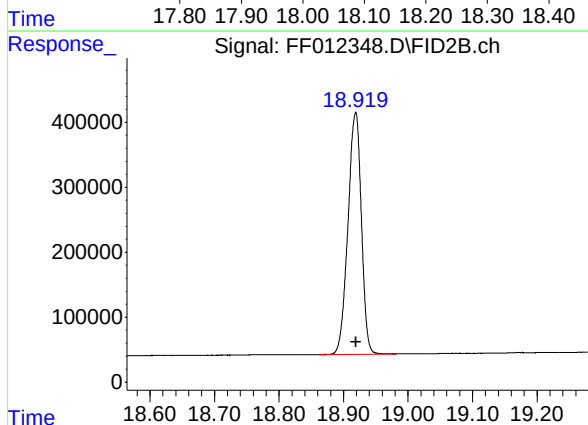
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

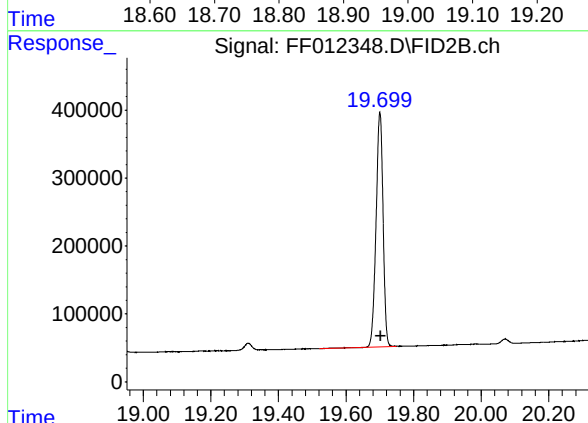
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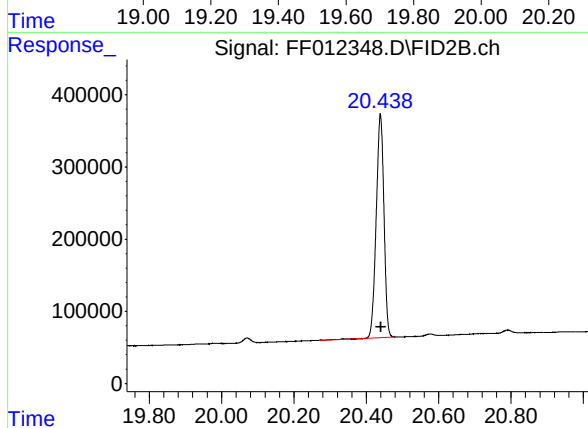
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: 0.000 min
Response: 5374500
Conc: 51.79 ug/ml



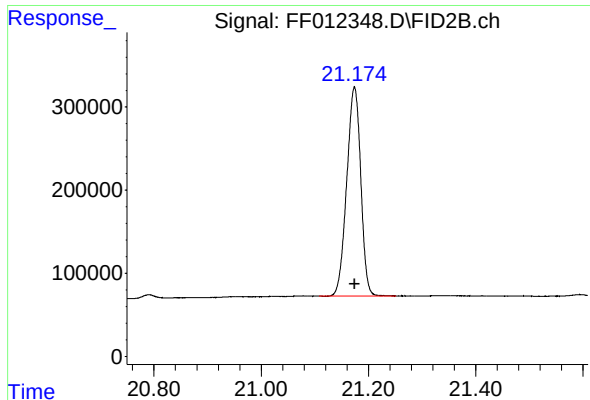
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: -0.002 min
Response: 4948787
Conc: 52.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.439 min
Delta R.T.: 0.000 min
Response: 4582680
Conc: 52.31 ug/ml



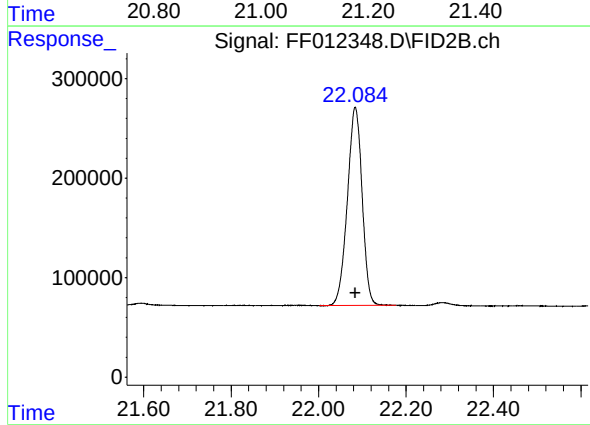
#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: 0.000 min
Response: 4567929
Conc: 55.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.084 min
Delta R.T.: 0.000 min
Response: 4674602
Conc: 57.23 ug/ml