

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF033023\
 Data File : FF012377.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2023 14:47
 Operator : YP\AJ
 Sample : 02126-06MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 RS-FMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2023
 Supervised By :mohammad ahmed 03/31/2023

Integration File: autoint1.e
 Quant Time: Mar 30 17:26:50 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...	15.022	1568581	14.016 ug/ml
Target Compounds			
1) N-OCTANE	2.076	1795808	14.161 ug/ml
2) N-DECANE	4.589	2049963	16.373 ug/ml
3) N-DODECANE	6.750	2135641	17.227 ug/ml
4) N-TETRADECANE	8.574	2113629	16.220 ug/ml
5) N-HEXADECANE	10.179	2293070	17.184 ug/ml
6) N-OCTADECANE	11.619	2305625	17.164 ug/ml
7) N-EICOSANE	12.928	2623328	19.720 ug/ml
8) N-DOCOSANE	14.124	2416043	19.013 ug/ml
10) N-TETRACOSANE	15.223	4576921	36.701 ug/ml
11) N-HEXACOSANE	16.246	2259967	18.874 ug/ml
12) N-OCTACOSANE	17.195	2167852	18.846 ug/ml
13) N-TRIACONTANE	18.082	2555926	23.228 ug/ml
14) N-DOTRIACONTANE	18.912	2996893	28.876 ug/mlm
15) N-TETRATRIACONTANE	19.697	2150208	22.728 ug/mlm
16) N-HEXATRIACONTANE	20.437	2299828	26.251 ug/mlm
17) N-OCTATRIACONTANE	21.174	2315418	27.965 ug/mlm
18) N-TETRACONTANE	22.086	2522617	30.881 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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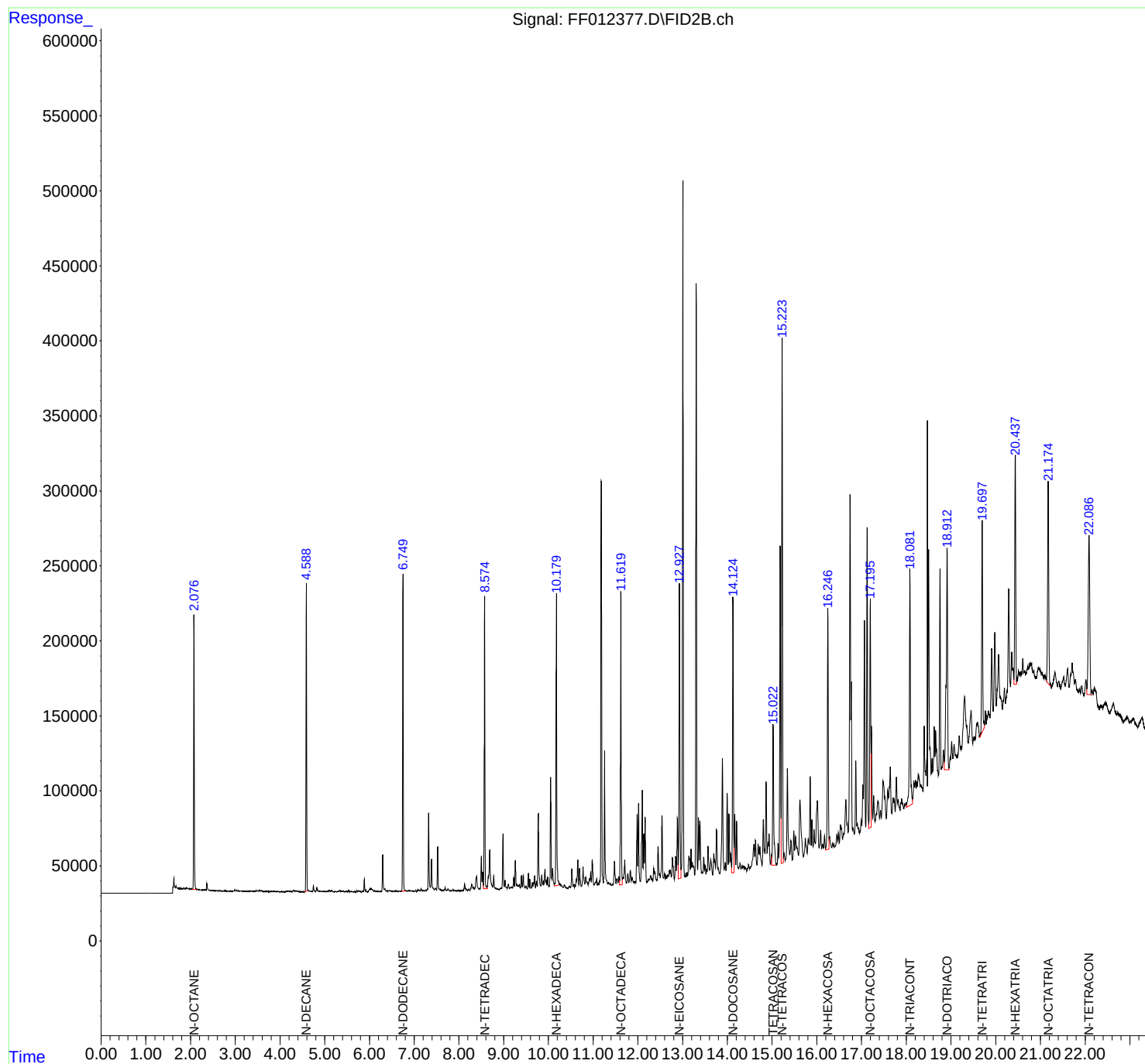
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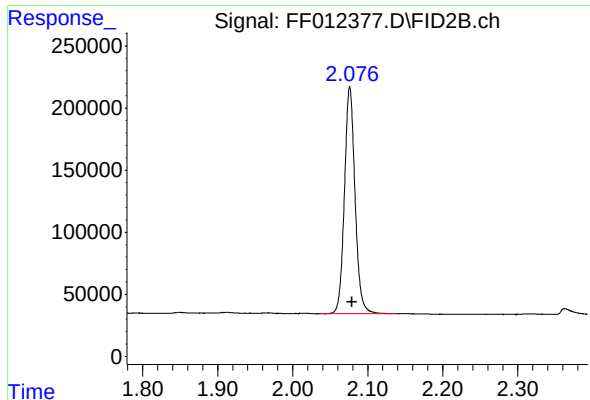
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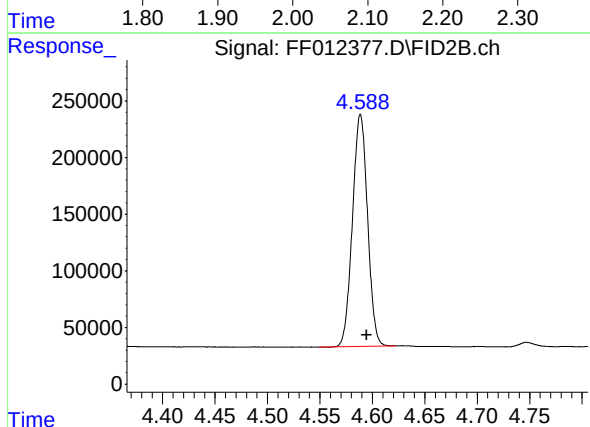
#1 N-OCTANE

R.T.: 2.076 min
Delta R.T.: -0.003 min
Response: 1795808
Conc: 14.16 ug/ml

Instrument :
FID_F
ClientSampleId :
RS-FMSD

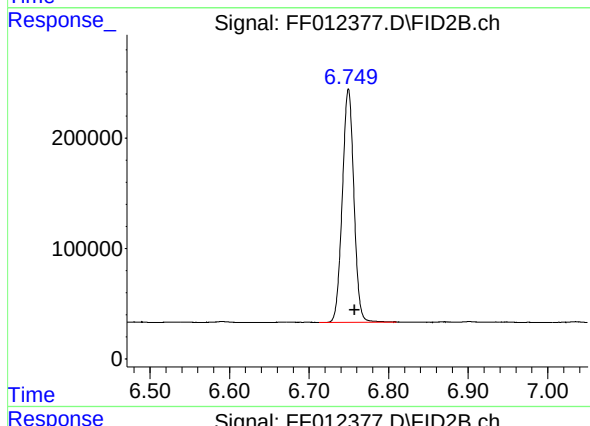
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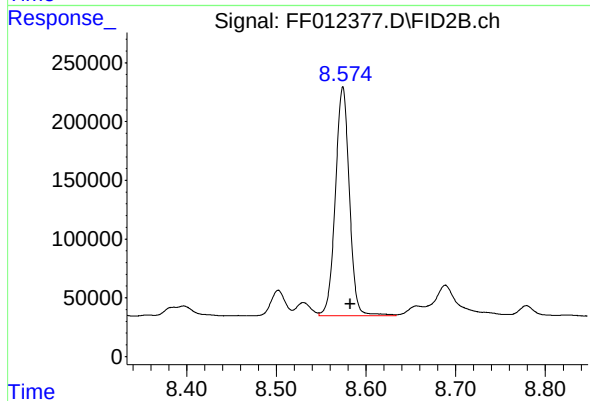
#2 N-DECANE

R.T.: 4.589 min
Delta R.T.: -0.006 min
Response: 2049963
Conc: 16.37 ug/ml



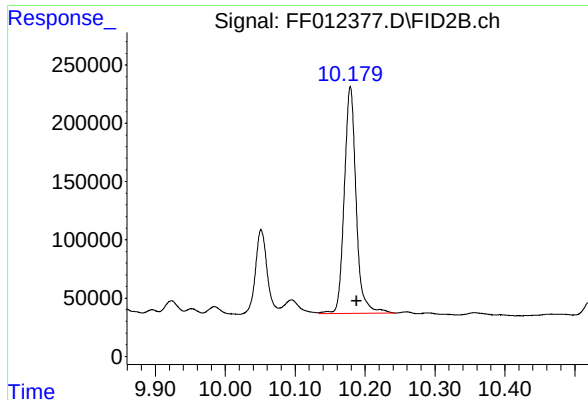
#3 N-DODECANE

R.T.: 6.750 min
Delta R.T.: -0.008 min
Response: 2135641
Conc: 17.23 ug/ml



#4 N-TETRADECANE

R.T.: 8.574 min
Delta R.T.: -0.008 min
Response: 2113629
Conc: 16.22 ug/ml



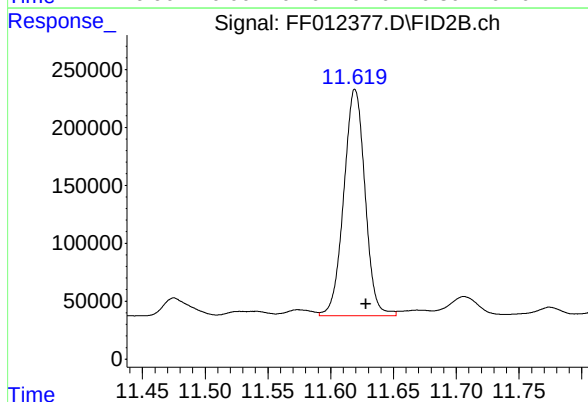
#5 N-HEXADECANE

R.T.: 10.179 min
Delta R.T.: -0.009 min
Response: 2293070
Conc: 17.18 ug/ml

Instrument :
FID_F
ClientSampleId :
RS-FMSD

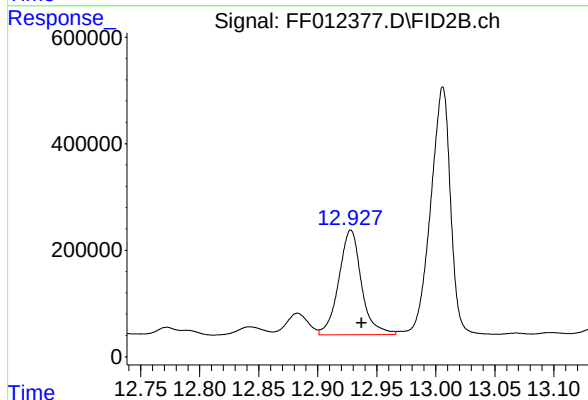
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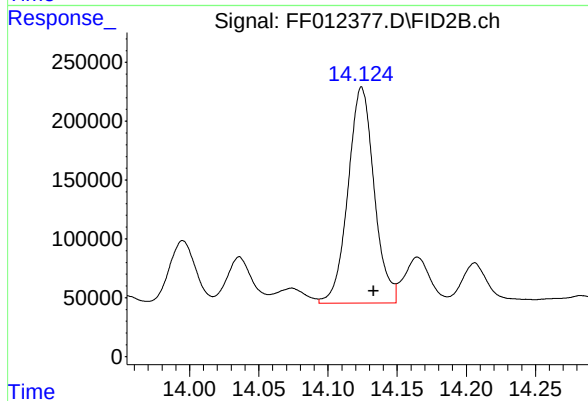
#6 N-OCTADECANE

R.T.: 11.619 min
Delta R.T.: -0.009 min
Response: 2305625
Conc: 17.16 ug/ml



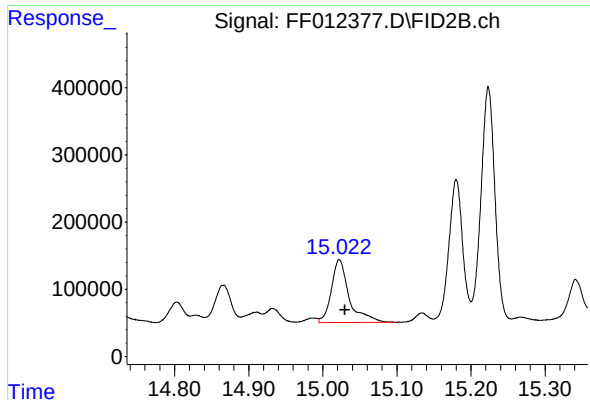
#7 N-EICOSANE

R.T.: 12.928 min
Delta R.T.: -0.009 min
Response: 2623328
Conc: 19.72 ug/ml



#8 N-DOCOSANE

R.T.: 14.124 min
Delta R.T.: -0.009 min
Response: 2416043
Conc: 19.01 ug/ml



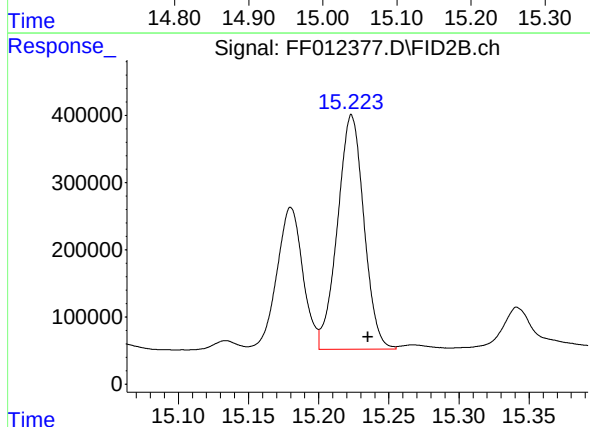
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.022 min
Delta R.T.: -0.008 min
Response: 1568581
Conc: 14.02 ug/ml

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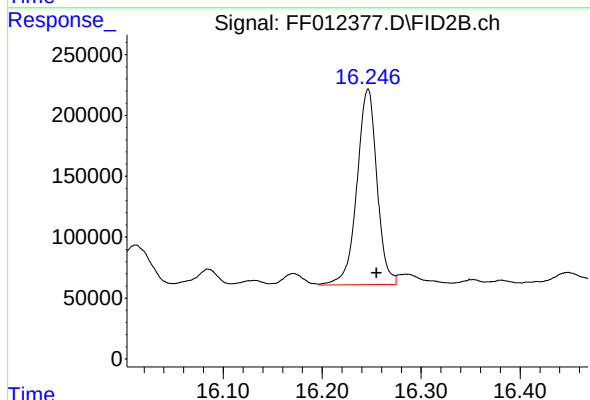
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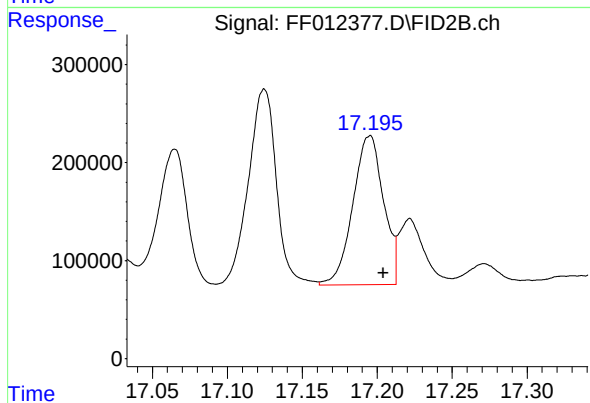
#10 N-TETRACOSANE

R.T.: 15.223 min
Delta R.T.: -0.012 min
Response: 4576921
Conc: 36.70 ug/ml



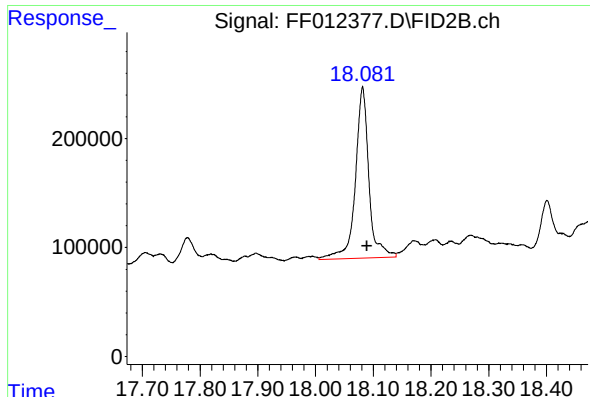
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: -0.009 min
Response: 2259967
Conc: 18.87 ug/ml



#12 N-OCTACOSANE

R.T.: 17.195 min
Delta R.T.: -0.009 min
Response: 2167852
Conc: 18.85 ug/ml



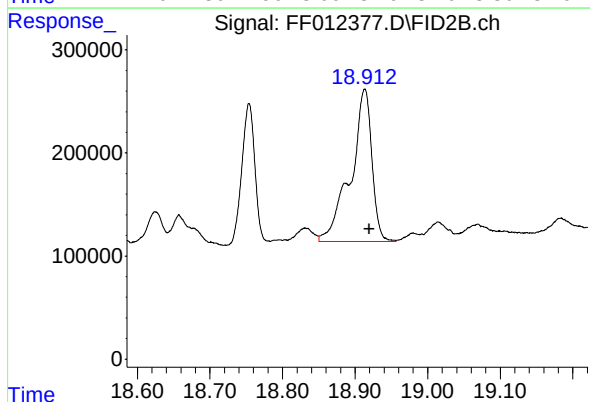
#13 N-TRIACONTANE

R.T.: 18.082 min
Delta R.T.: -0.008 min
Response: 2555926
Conc: 23.23 ug/ml

Instrument :
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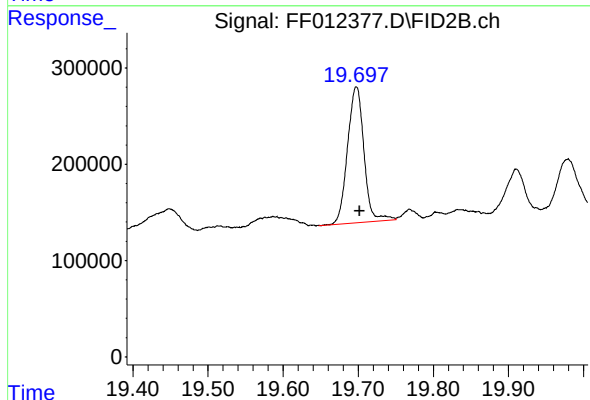
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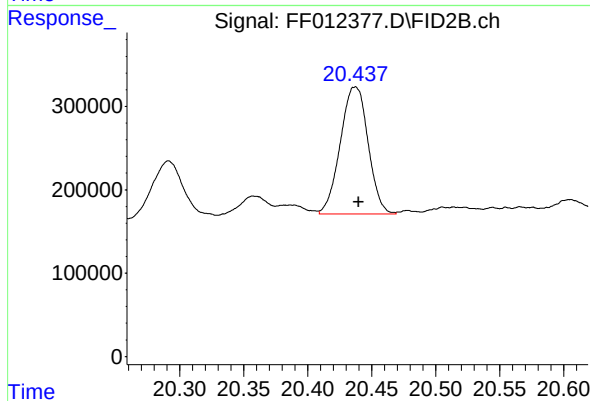
#14 N-DOTRIACONTANE

R.T.: 18.912 min
Delta R.T.: -0.007 min
Response: 2996893
Conc: 28.88 ug/ml m



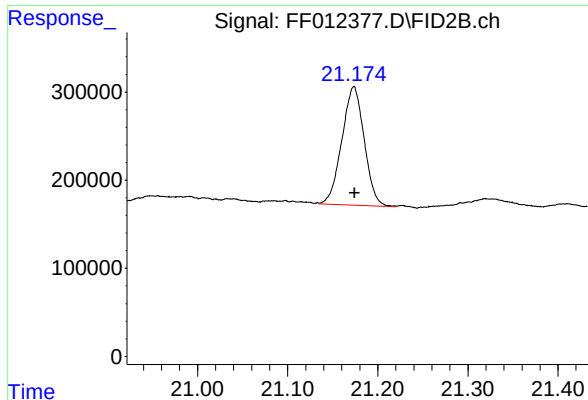
#15 N-TETRATRIACONTANE

R.T.: 19.697 min
Delta R.T.: -0.005 min
Response: 2150208
Conc: 22.73 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.437 min
Delta R.T.: -0.003 min
Response: 2299828
Conc: 26.25 ug/ml m



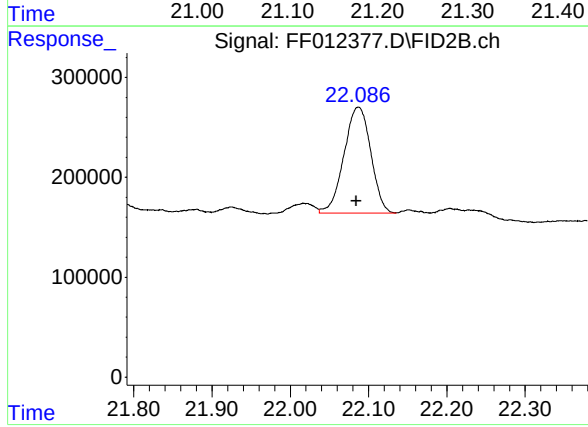
#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: 0.000 min
Response: 2315418
Conc: 27.96 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.086 min
Delta R.T.: 0.002 min
Response: 2522617
Conc: 30.88 ug/ml m