

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032023\
 Data File : FF012304.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2023 09:29
 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 03/21/2023
 Supervised By :Ankita Jodhani 03/21/2023

Integration File: autoint1.e
 Quant Time: Mar 21 03:31:53 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...	15.026	5416662	48.401 ug/ml
Target Compounds			
1) N-OCTANE	2.076	5954869	46.958 ug/ml
2) N-DECANE	4.593	6316920	50.454 ug/ml
3) N-DODECANE	6.755	6412612	51.728 ug/ml
4) N-TETRADECANE	8.580	6476239	49.700 ug/ml
5) N-HEXADECANE	10.184	6536120	48.981 ug/ml
6) N-OCTADECANE	11.625	6554704	48.797 ug/ml
7) N-EICOSANE	12.933	6449406	48.482 ug/ml
8) N-DOCOSANE	14.127	6142573	48.339 ug/ml
10) N-TETRACOSANE	15.230	6017835	48.255 ug/ml
11) N-HEXACOSANE	16.248	5787267	48.332 ug/ml
12) N-OCTACOSANE	17.197	5580101	48.510 ug/ml
13) N-TRIACONTANE	18.081	5342459	48.553 ug/ml
14) N-DOTRIACONTANE	18.913	4979663	47.981 ug/ml
15) N-TETRATRIACONTANE	19.694	4573556	48.343 ug/ml
16) N-HEXATRIACONTANE	20.432	4168148	47.576 ug/ml
17) N-OCTATRIACONTANE	21.165	4045094	48.855 ug/ml
18) N-TETRACONTANE	22.074	3962176	48.504 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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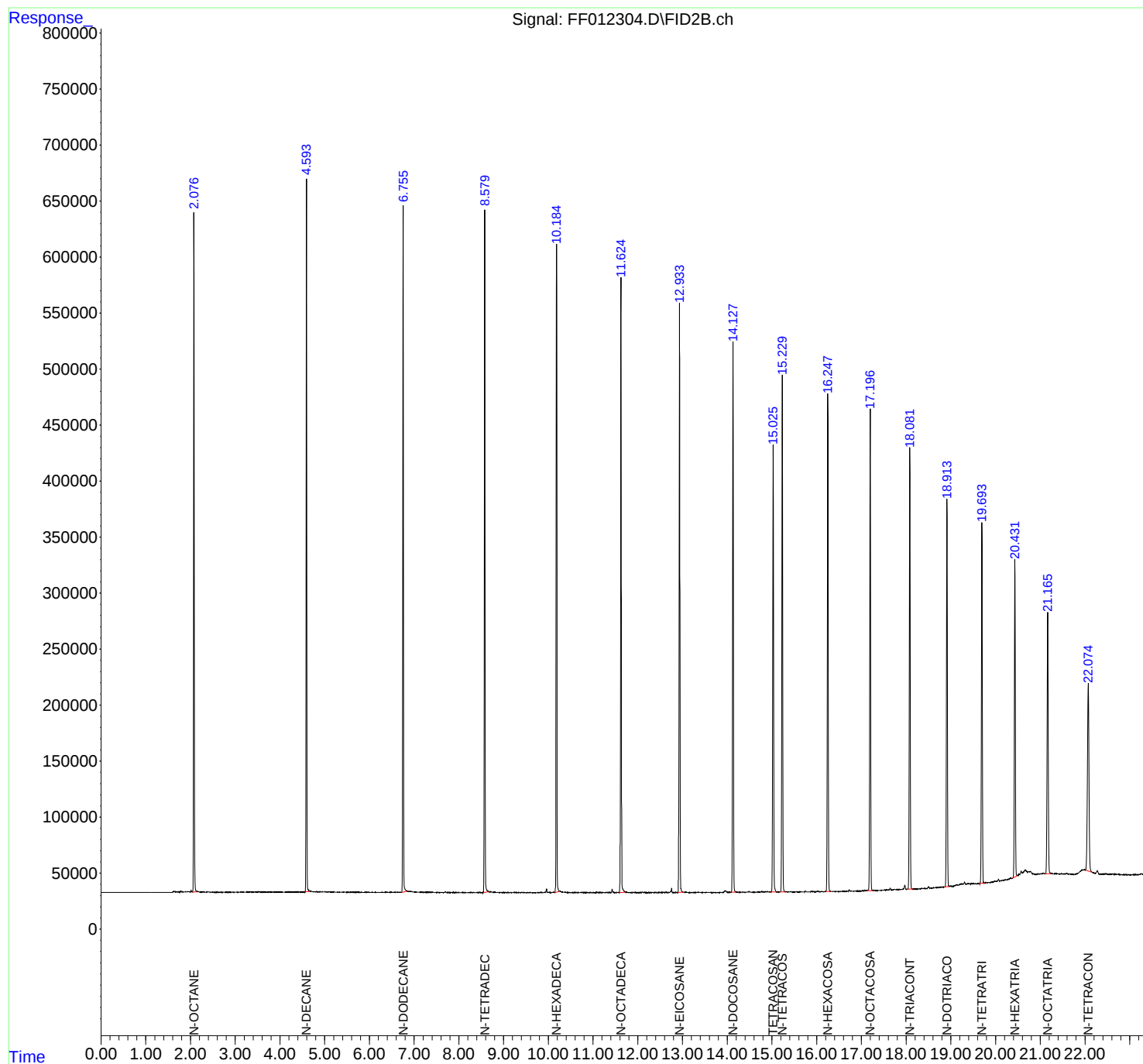
Instrument :
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50 PPM TRPH STD

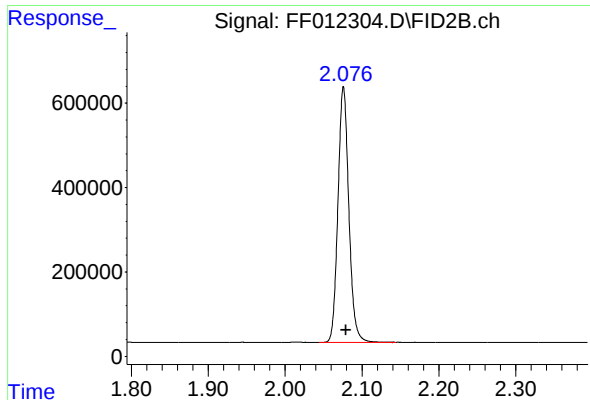
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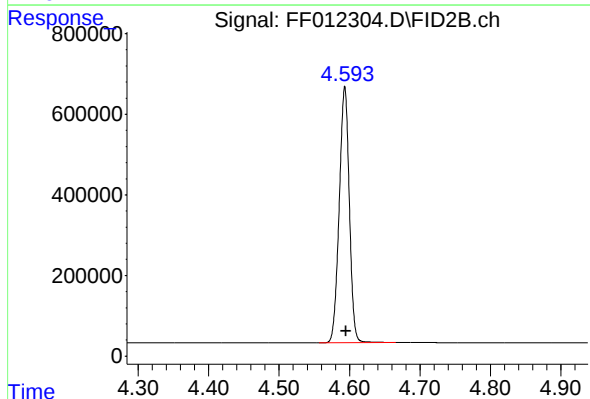
#1 N-OCTANE

R.T.: 2.076 min
Delta R.T.: -0.003 min
Response: 5954869
Conc: 46.96 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

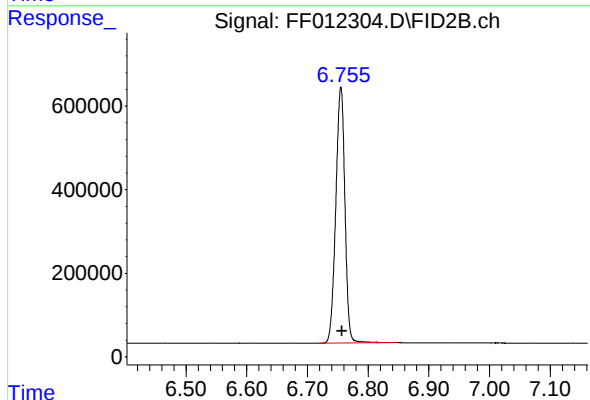
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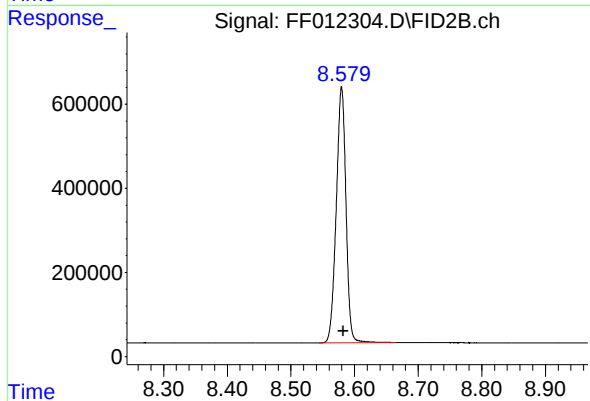
#2 N-DECANE

R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 6316920
Conc: 50.45 ug/ml



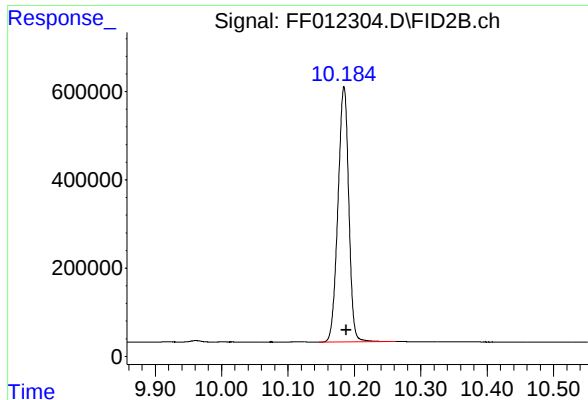
#3 N-DODECANE

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 6412612
Conc: 51.73 ug/ml



#4 N-TETRADECANE

R.T.: 8.580 min
Delta R.T.: -0.003 min
Response: 6476239
Conc: 49.70 ug/ml



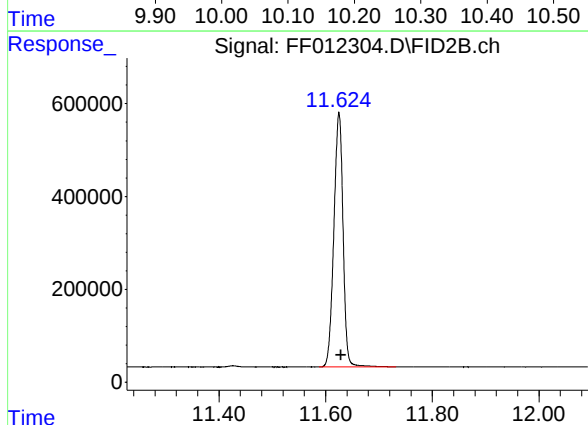
#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: -0.003 min
Response: 6536120
Conc: 48.98 ug/ml

Instrument :
FID_F
ClientSampleId :
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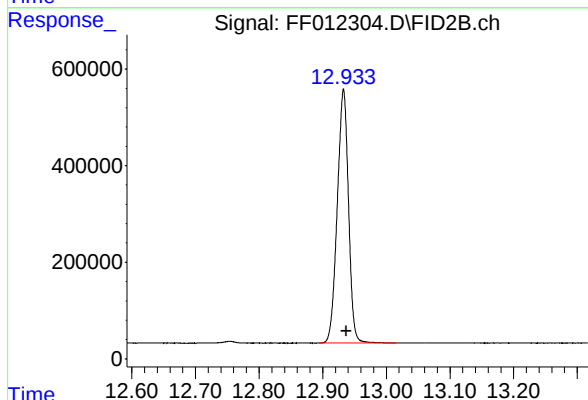
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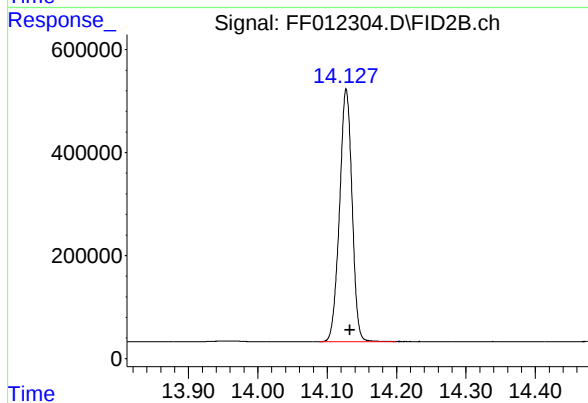
#6 N-OCTADECANE

R.T.: 11.625 min
Delta R.T.: -0.003 min
Response: 6554704
Conc: 48.80 ug/ml



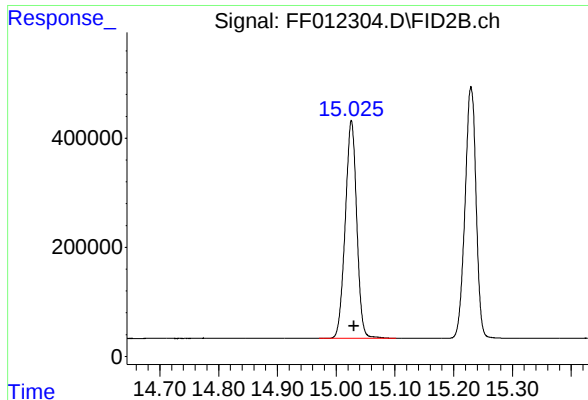
#7 N-EICOSANE

R.T.: 12.933 min
Delta R.T.: -0.004 min
Response: 6449406
Conc: 48.48 ug/ml



#8 N-DOCOSANE

R.T.: 14.127 min
Delta R.T.: -0.006 min
Response: 6142573
Conc: 48.34 ug/ml



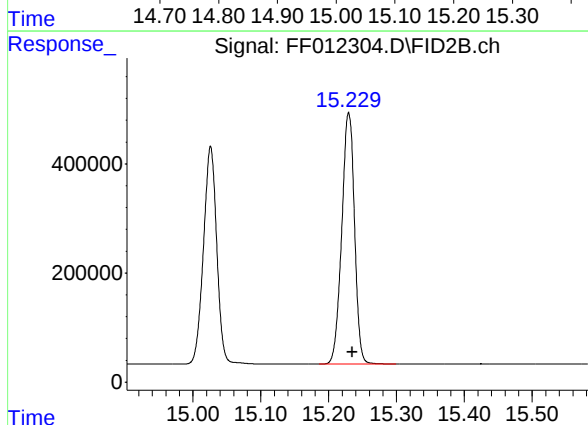
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.026 min
Delta R.T.: -0.004 min
Response: 5416662
Conc: 48.40 ug/ml

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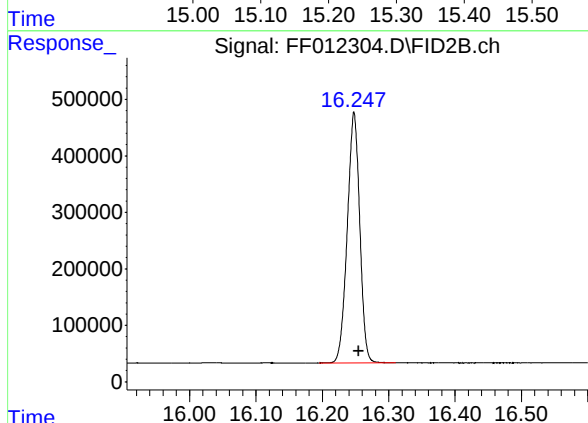
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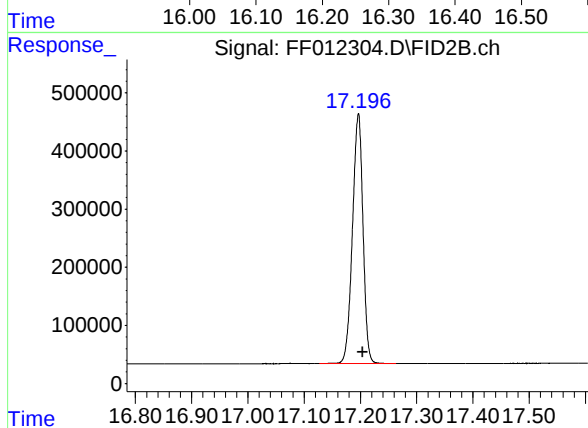
#10 N-TETRACOSANE

R.T.: 15.230 min
Delta R.T.: -0.006 min
Response: 6017835
Conc: 48.25 ug/ml



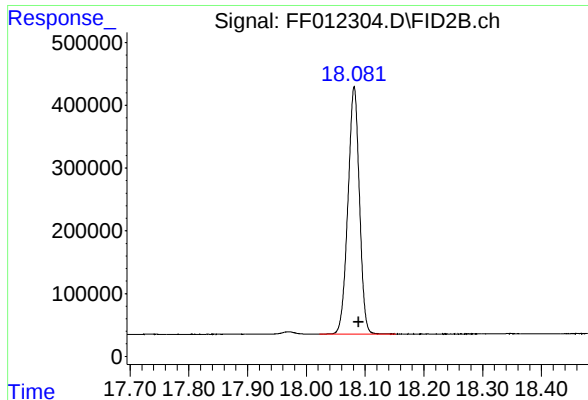
#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: -0.007 min
Response: 5787267
Conc: 48.33 ug/ml



#12 N-OCTACOSANE

R.T.: 17.197 min
Delta R.T.: -0.008 min
Response: 5580101
Conc: 48.51 ug/ml



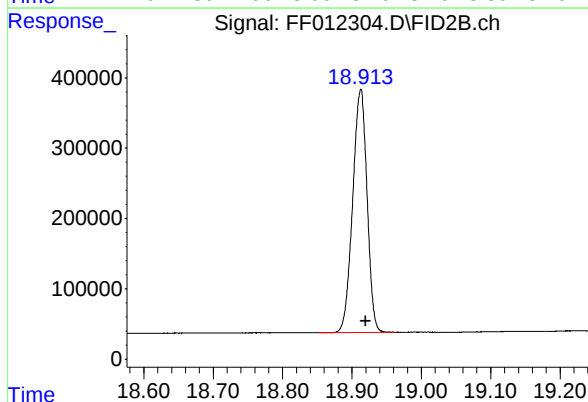
#13 N-TRIACONTANE

R.T.: 18.081 min
Delta R.T.: -0.008 min
Response: 5342459
Conc: 48.55 ug/ml

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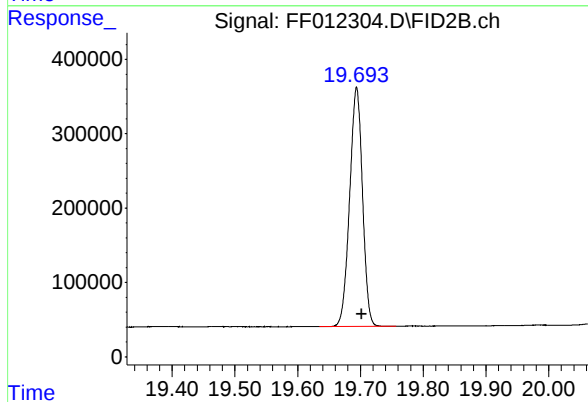
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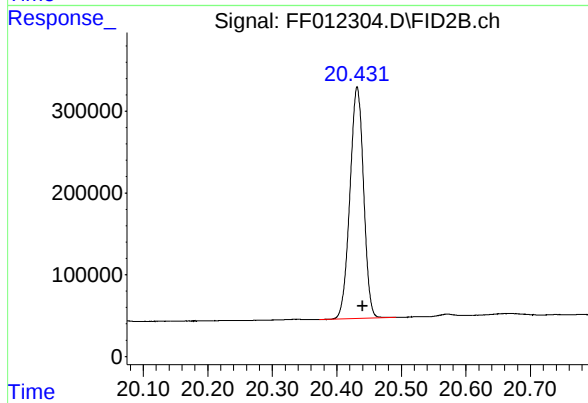
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: -0.007 min
Response: 4979663
Conc: 47.98 ug/ml



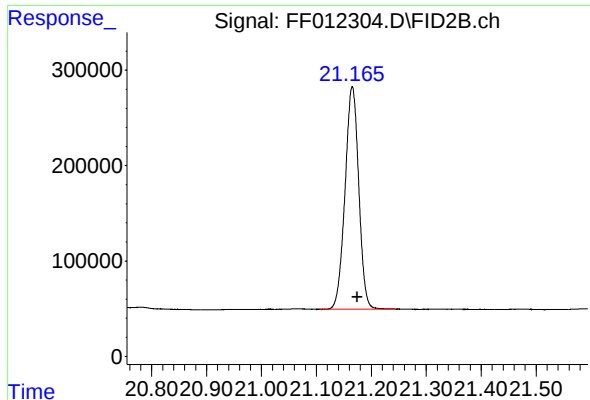
#15 N-TETRATRIACONTANE

R.T.: 19.694 min
Delta R.T.: -0.008 min
Response: 4573556
Conc: 48.34 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.432 min
Delta R.T.: -0.008 min
Response: 4168148
Conc: 47.58 ug/ml



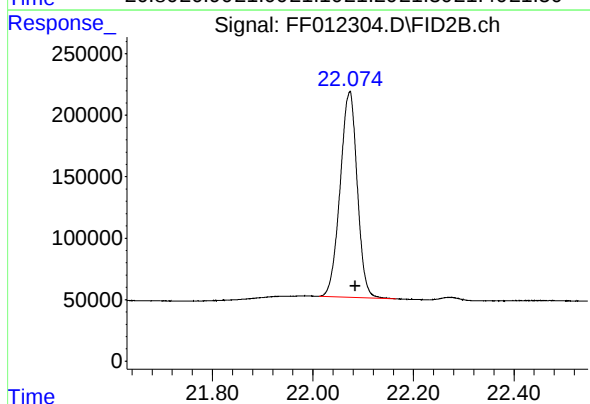
#17 N-OCTATRIACONTANE

R.T.: 21.165 min
Delta R.T.: -0.009 min
Response: 4045094
Conc: 48.86 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.074 min
Delta R.T.: -0.010 min
Response: 3962176
Conc: 48.50 ug/ml m