

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021323\
 Data File : FF012056.D
 Signal(s) : FID2B.ch
 Acq On : 13 Feb 2023 15:23
 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 :Ankita Jodhani 02/14/2023
 Supervised By :Sohil Jodhani 02/14/2023

Integration File: autoint1.e
 Quant Time: Feb 14 01:33:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF012723.M
 Quant Title :
 QLast Update : Fri Jan 27 14:21:25 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...	15.059	6261713	54.340 ug/ml
Target Compounds			
1) N-OCTANE	2.080	5827625	50.657 ug/ml
2) N-DECANE	4.607	6601592	55.992 ug/ml
3) N-DODECANE	6.772	6774187	56.550 ug/ml
4) N-TETRADECANE	8.600	6881141	57.140 ug/ml
5) N-HEXADECANE	10.207	6978209	55.944 ug/ml
6) N-OCTADECANE	11.651	7123116	56.020 ug/ml
7) N-EICOSANE	12.962	7221768	55.957 ug/ml
8) N-DOCOSANE	14.160	7177056	56.303 ug/ml
10) N-TETRACOSANE	15.265	7058343	54.242 ug/ml
11) N-HEXACOSANE	16.286	6865214	52.751 ug/ml
12) N-OCTACOSANE	17.237	6771599	52.075 ug/ml
13) N-TRIACONTANE	18.125	6706126	51.963 ug/ml
14) N-DOTRIACONTANE	18.958	6395076	49.138 ug/ml
15) N-TETRATRIACONTANE	19.741	5751698	51.662 ug/mlm
16) N-HEXATRIACONTANE	20.480	5441603	52.974 ug/mlm
17) N-OCTATRIACONTANE	21.226	5265726	53.456 ug/ml
18) N-TETRACONTANE	22.154	5232412	50.488 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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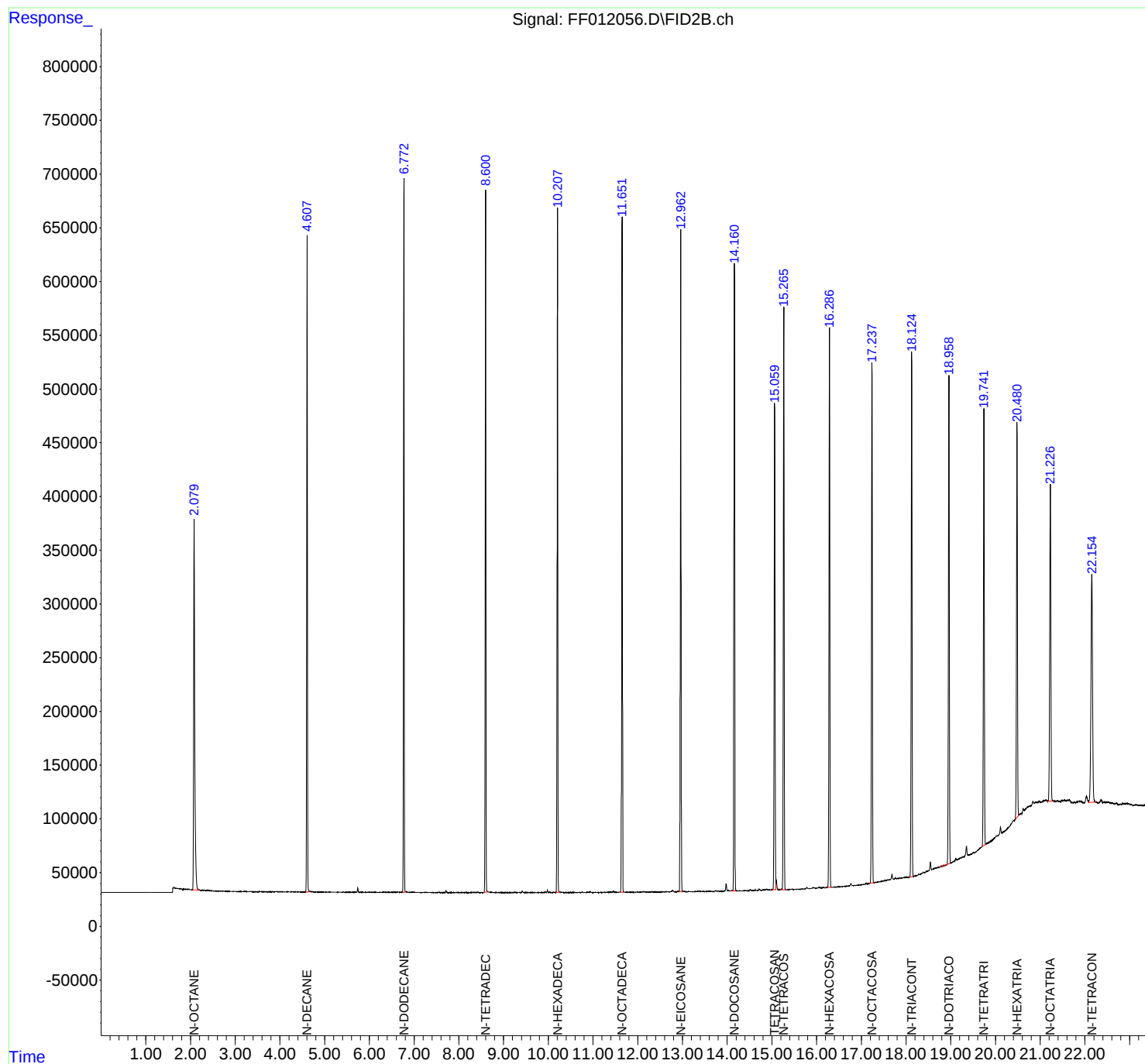
Instrument :
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50 PPM TRPH STD

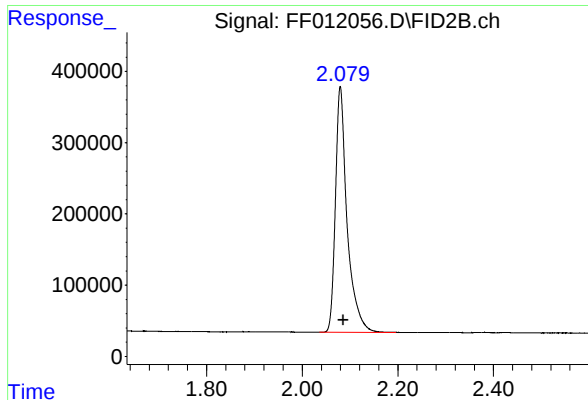
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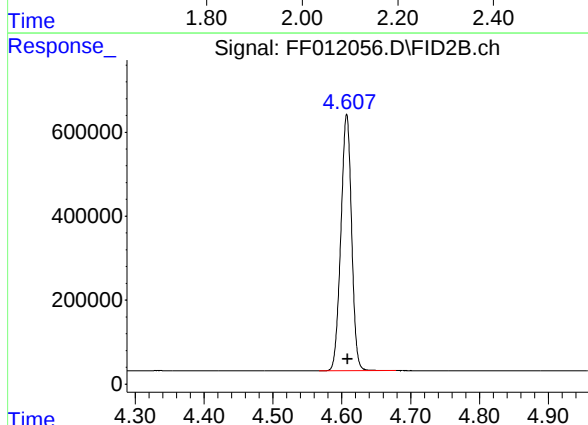
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: -0.006 min
Response: 5827625
Conc: 50.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

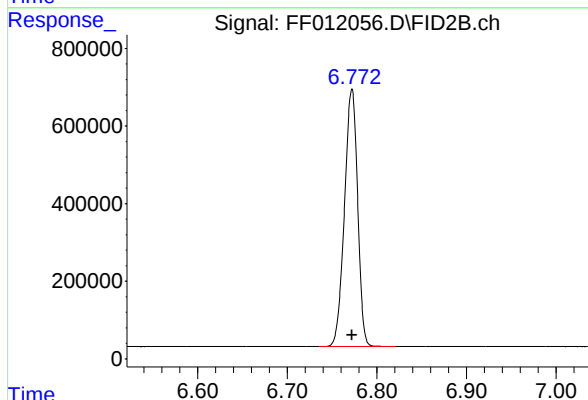
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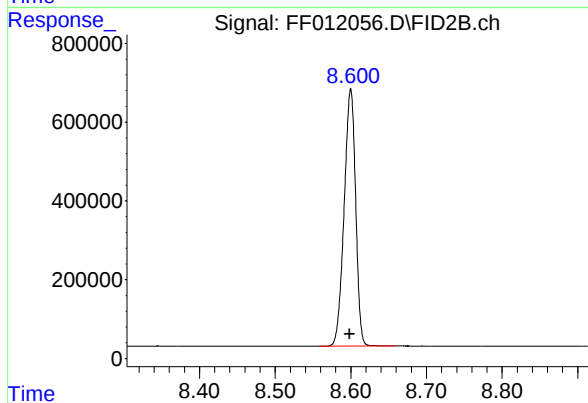
#2 N-DECANE

R.T.: 4.607 min
Delta R.T.: -0.001 min
Response: 6601592
Conc: 55.99 ug/ml



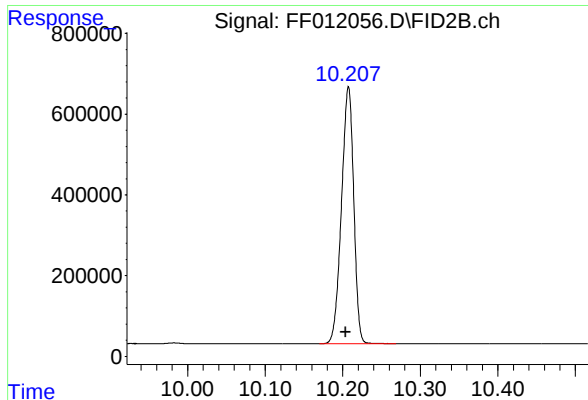
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 6774187
Conc: 56.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.600 min
Delta R.T.: 0.002 min
Response: 6881141
Conc: 57.14 ug/ml



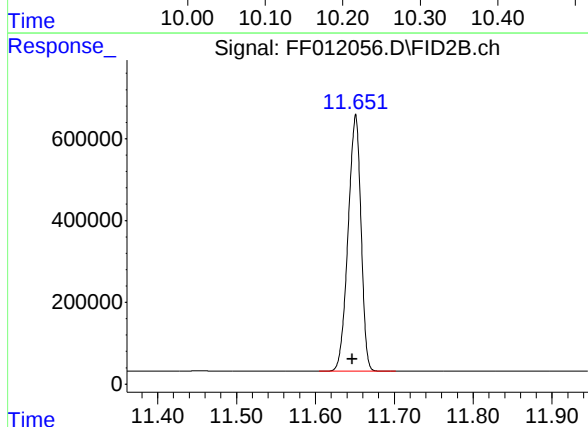
#5 N-HEXADECANE

R.T.: 10.207 min
Delta R.T.: 0.004 min
Response: 6978209
Conc: 55.94 ug/ml

Instrument :
FID_F
ClientSampleId :
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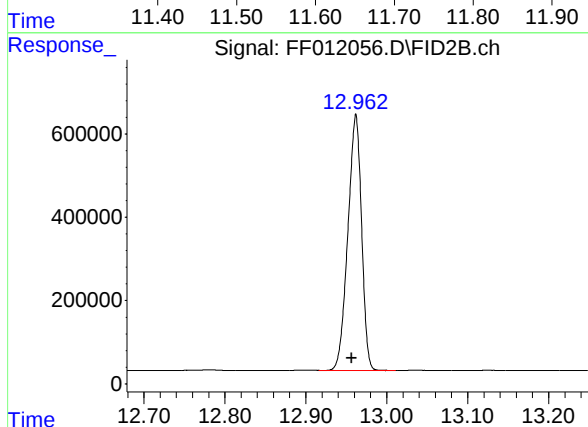
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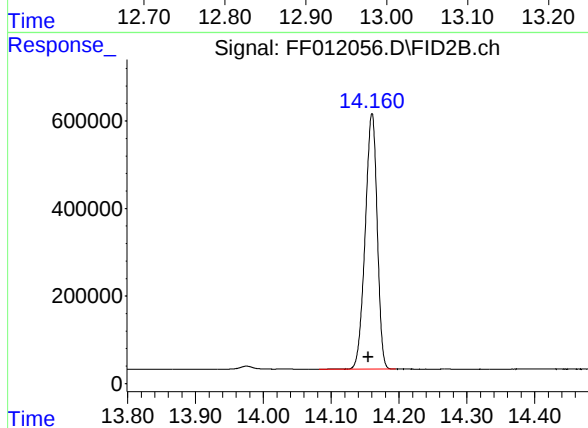
#6 N-OCTADECANE

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 7123116
Conc: 56.02 ug/ml



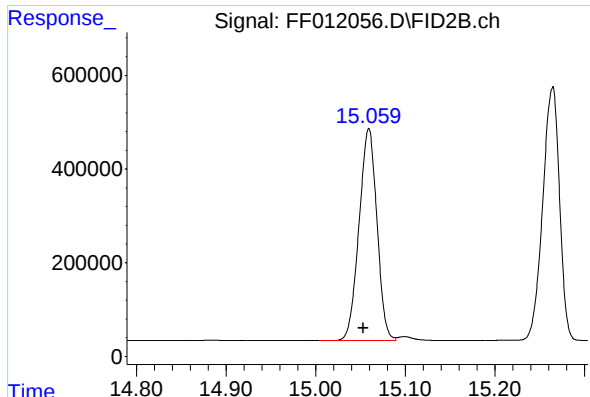
#7 N-EICOSANE

R.T.: 12.962 min
Delta R.T.: 0.005 min
Response: 7221768
Conc: 55.96 ug/ml



#8 N-DOCOSANE

R.T.: 14.160 min
Delta R.T.: 0.006 min
Response: 7177056
Conc: 56.30 ug/ml



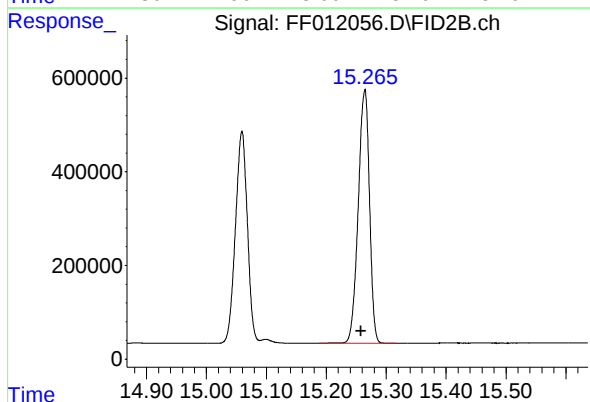
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.059 min
Delta R.T.: 0.006 min
Response: 6261713
Conc: 54.34 ug/ml

Instrument :
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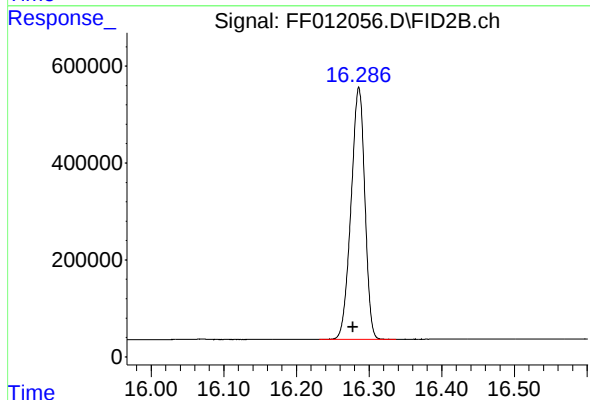
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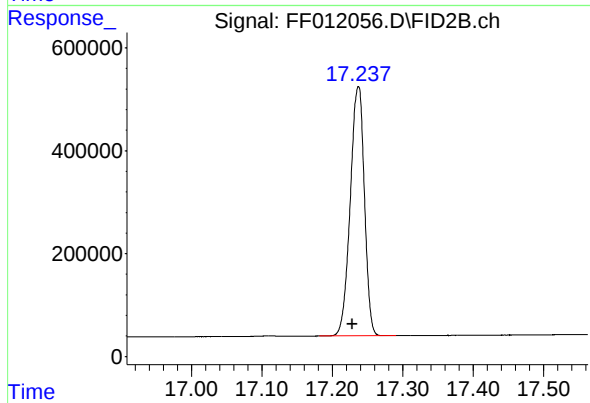
#10 N-TETRACOSANE

R.T.: 15.265 min
Delta R.T.: 0.007 min
Response: 7058343
Conc: 54.24 ug/ml



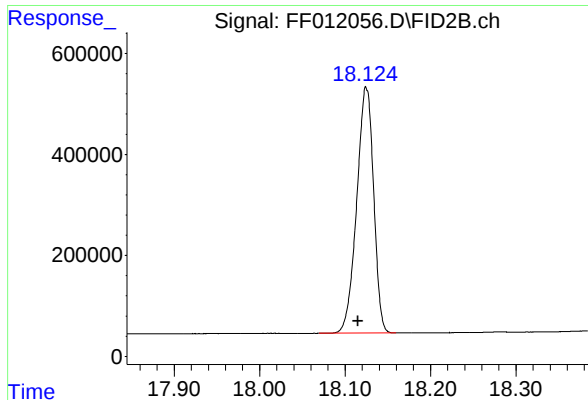
#11 N-HEXACOSANE

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 6865214
Conc: 52.75 ug/ml



#12 N-OCTACOSANE

R.T.: 17.237 min
Delta R.T.: 0.009 min
Response: 6771599
Conc: 52.07 ug/ml



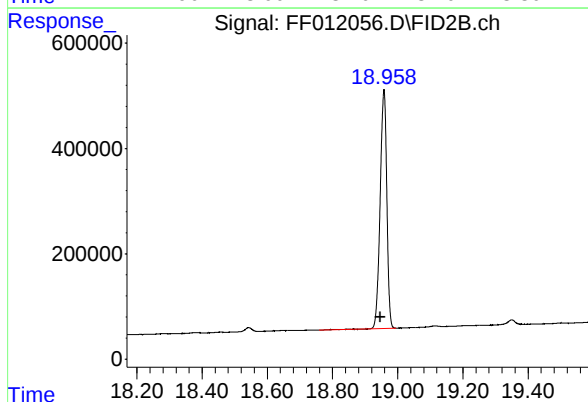
#13 N-TRIACONTANE

R.T.: 18.125 min
Delta R.T.: 0.009 min
Response: 6706126
Conc: 51.96 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

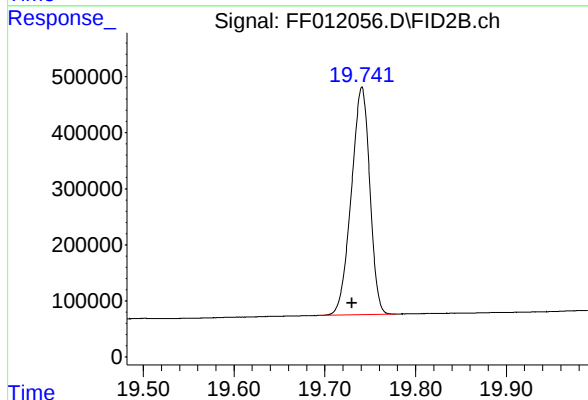
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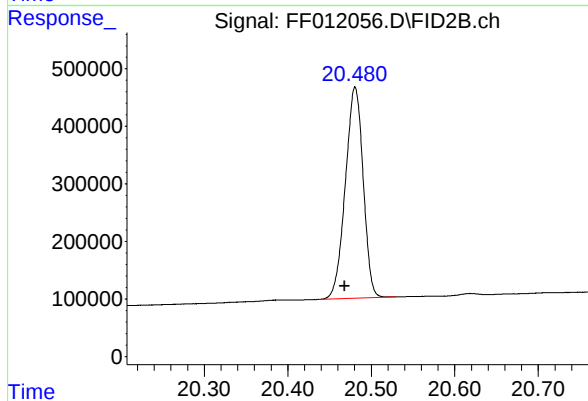
#14 N-DOTRIACONTANE

R.T.: 18.958 min
Delta R.T.: 0.012 min
Response: 6395076
Conc: 49.14 ug/ml



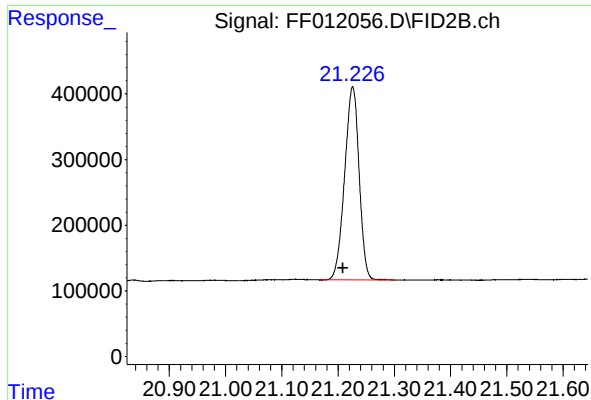
#15 N-TETRATRIACONTANE

R.T.: 19.741 min
Delta R.T.: 0.011 min
Response: 5751698
Conc: 51.66 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.480 min
Delta R.T.: 0.012 min
Response: 5441603
Conc: 52.97 ug/ml m



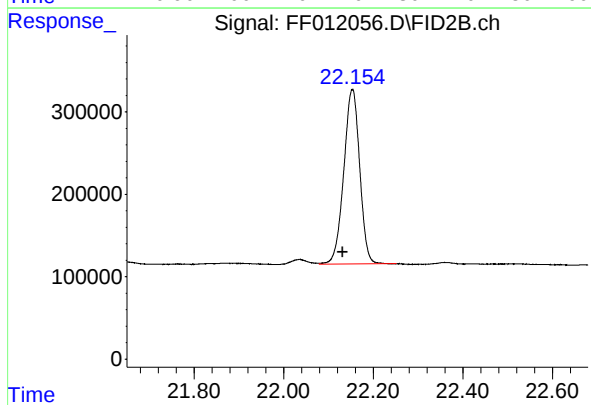
#17 N-OCTATRIACONTANE

R.T.: 21.226 min
Delta R.T.: 0.017 min
Response: 5265726
Conc: 53.46 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.154 min
Delta R.T.: 0.022 min
Response: 5232412
Conc: 50.49 ug/ml