

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121321\
 Data File : FF009386.D
 Signal(s) : FID2B.ch
 Acq On : 13 Dec 2021 16:26
 Operator : AJ\MA
 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 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: autoint1.e
 Quant Time: Dec 14 01:14:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:27:43 2021
 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...	14.672	6031188	49.923 ug/ml
Target Compounds			
1) N-OCTANE	2.329	6862382	50.099 ug/ml
2) N-DECANE	4.422	6954451	50.765 ug/ml
3) N-DODECANE	6.438	7100478	51.077 ug/ml
4) N-TETRADECANE	8.230	7244778	50.980 ug/ml
5) N-HEXADECANE	9.829	7250328	51.361 ug/ml
6) N-OCTADECANE	11.269	7390158	51.704 ug/ml
7) N-EICOSANE	12.576	7329731	51.485 ug/ml
8) N-DOCOSANE	13.774	7078791	51.068 ug/ml
10) N-TETRACOSANE	14.875	6821323	49.849 ug/ml
11) N-HEXACOSANE	15.893	6366665	48.138 ug/ml
12) N-OCTACOSANE	16.843	5918384	46.465 ug/ml
13) N-TRIACONTANE	17.728	5558793	45.407 ug/ml
14) N-DOTRIACONTANE	18.558	5240806	45.634 ug/ml
15) N-TETRATRIACONTANE	19.339	5067906	47.201 ug/mlm
16) N-HEXATRIACONTANE	20.078	4873761	48.653 ug/mlm
17) N-OCTATRIACONTANE	20.809	4694736	50.814 ug/ml
18) N-TETRACONTANE	21.714	3569222	38.178 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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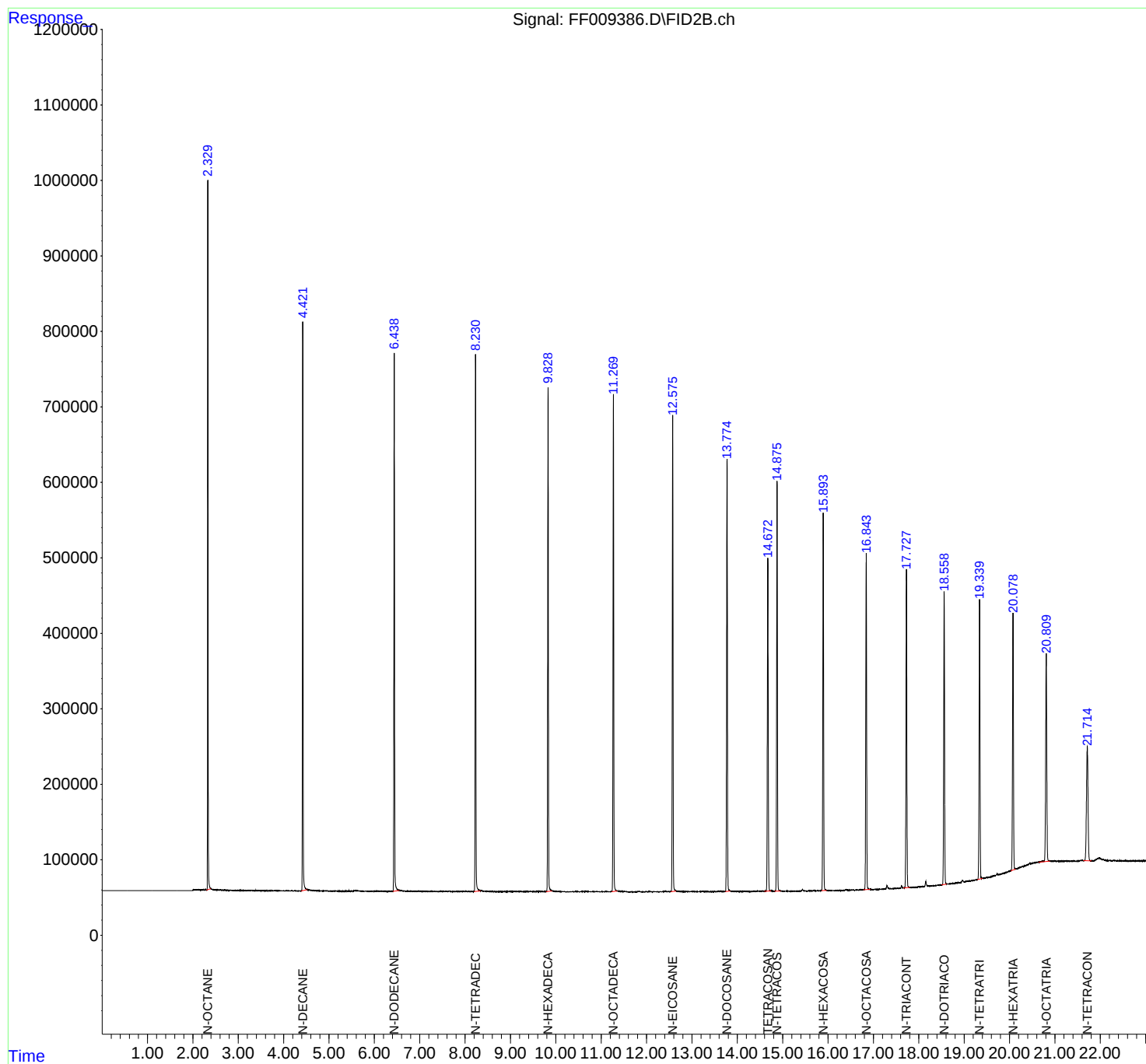
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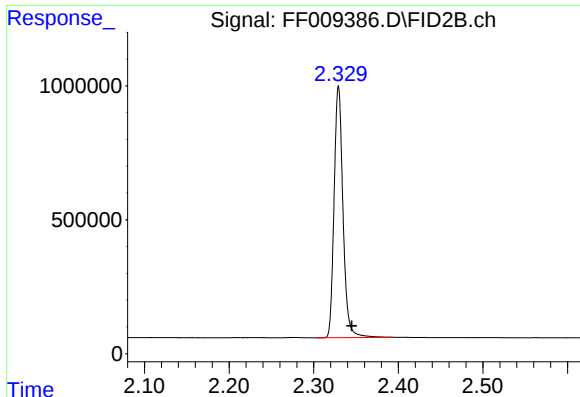
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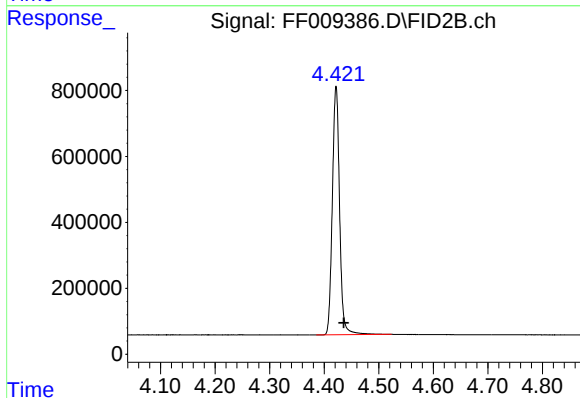
#1 N-OCTANE

R.T.: 2.329 min
Delta R.T.: -0.016 min
Response: 6862382
Conc: 50.10 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

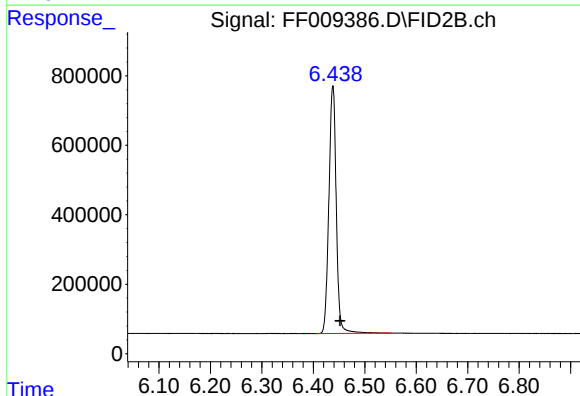
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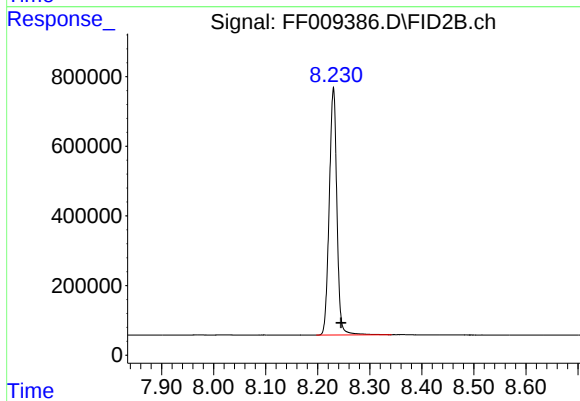
#2 N-DECANE

R.T.: 4.422 min
Delta R.T.: -0.014 min
Response: 6954451
Conc: 50.76 ug/ml



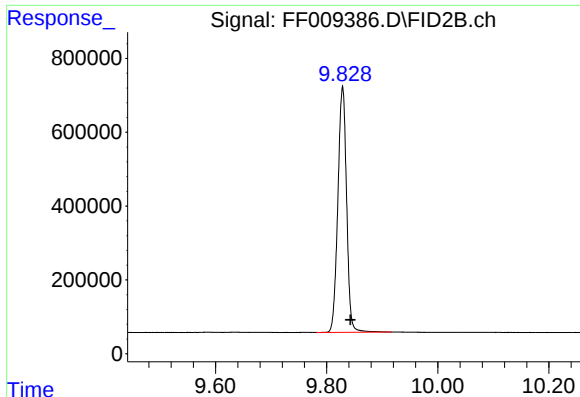
#3 N-DODECANE

R.T.: 6.438 min
Delta R.T.: -0.013 min
Response: 7100478
Conc: 51.08 ug/ml



#4 N-TETRADECANE

R.T.: 8.230 min
Delta R.T.: -0.014 min
Response: 7244778
Conc: 50.98 ug/ml



#5 N-HEXADECANE

R.T.: 9.829 min
Delta R.T.: -0.014 min
Response: 7250328
Conc: 51.36 ug/ml

Instrument :

FID_F

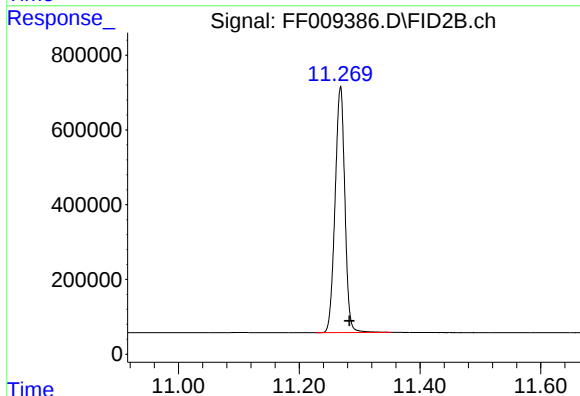
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

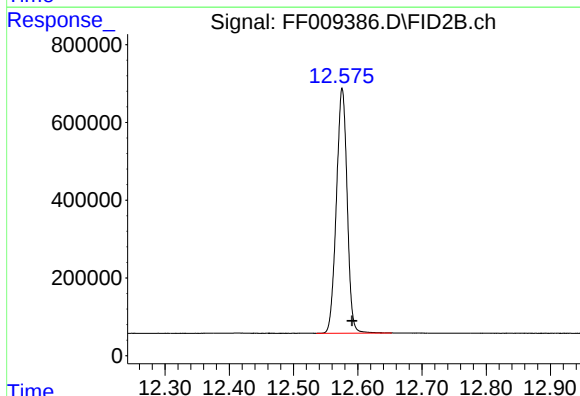
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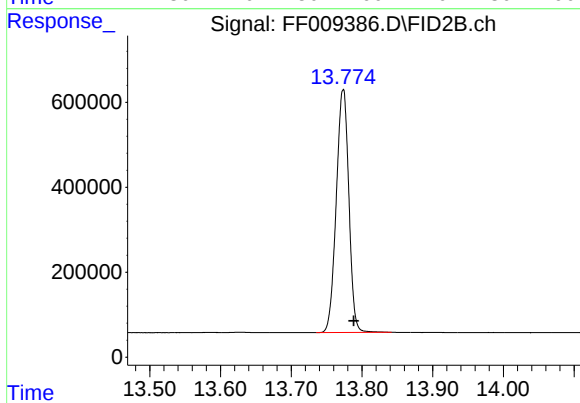
#6 N-OCTADECANE

R.T.: 11.269 min
Delta R.T.: -0.014 min
Response: 7390158
Conc: 51.70 ug/ml



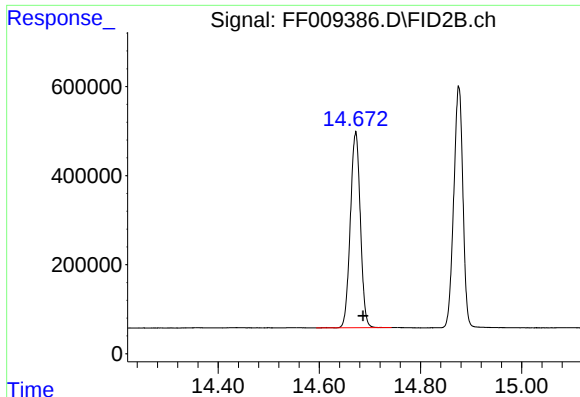
#7 N-EICOSANE

R.T.: 12.576 min
Delta R.T.: -0.016 min
Response: 7329731
Conc: 51.49 ug/ml



#8 N-DOCOSANE

R.T.: 13.774 min
Delta R.T.: -0.015 min
Response: 7078791
Conc: 51.07 ug/ml



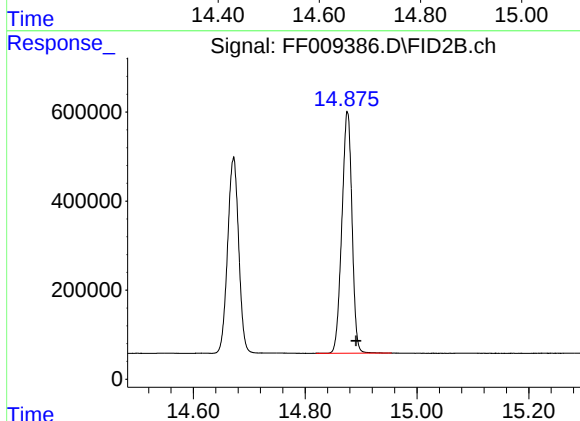
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.672 min
Delta R.T.: -0.014 min
Response: 6031188
Conc: 49.92 ug/ml

Instrument :
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50 PPM TRPH STD

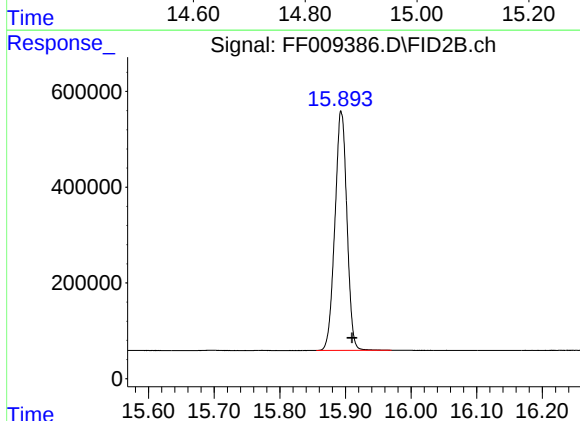
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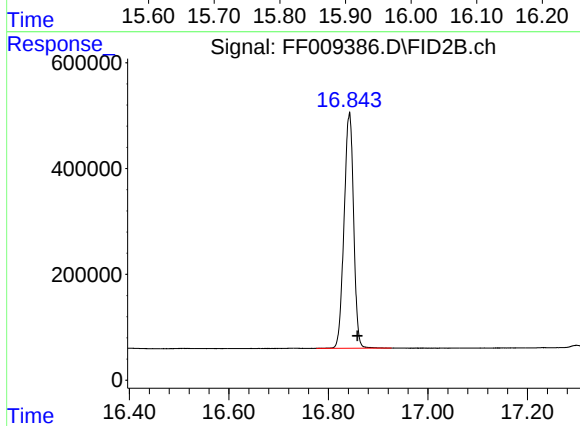
#10 N-TETRACOSANE

R.T.: 14.875 min
Delta R.T.: -0.015 min
Response: 6821323
Conc: 49.85 ug/ml



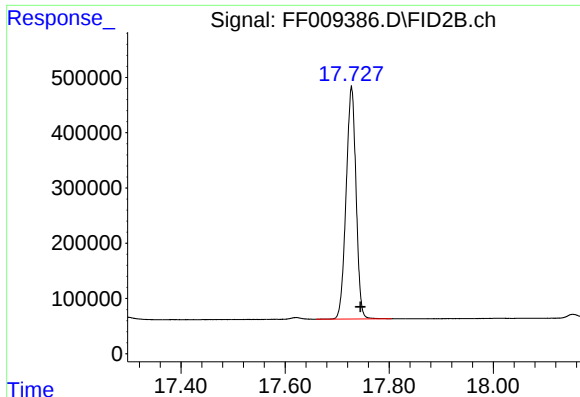
#11 N-HEXACOSANE

R.T.: 15.893 min
Delta R.T.: -0.017 min
Response: 6366665
Conc: 48.14 ug/ml



#12 N-OCTACOSANE

R.T.: 16.843 min
Delta R.T.: -0.016 min
Response: 5918384
Conc: 46.47 ug/ml



#13 N-TRIACONTANE

R.T.: 17.728 min
Delta R.T.: -0.017 min
Response: 5558793
Conc: 45.41 ug/ml

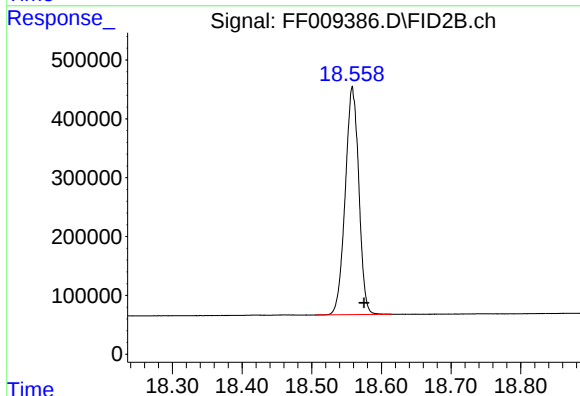
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

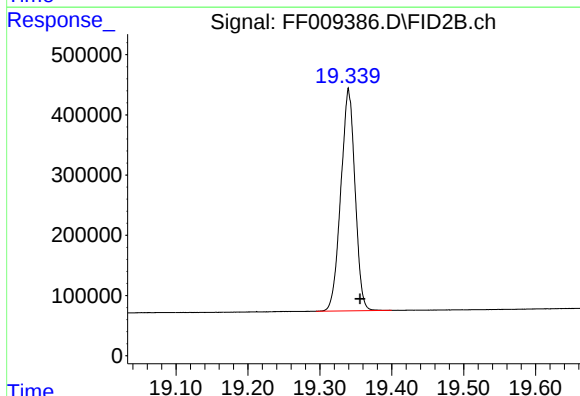
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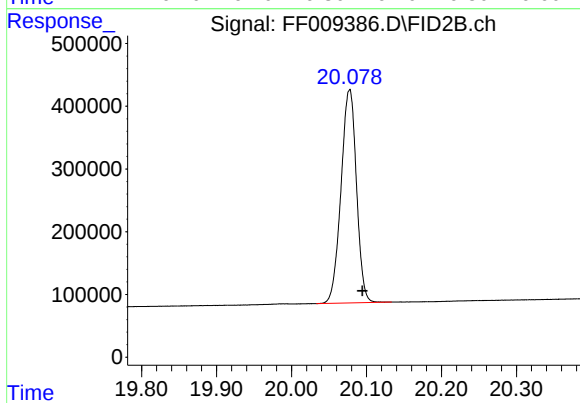
#14 N-DOTRIACONTANE

R.T.: 18.558 min
Delta R.T.: -0.017 min
Response: 5240806
Conc: 45.63 ug/ml



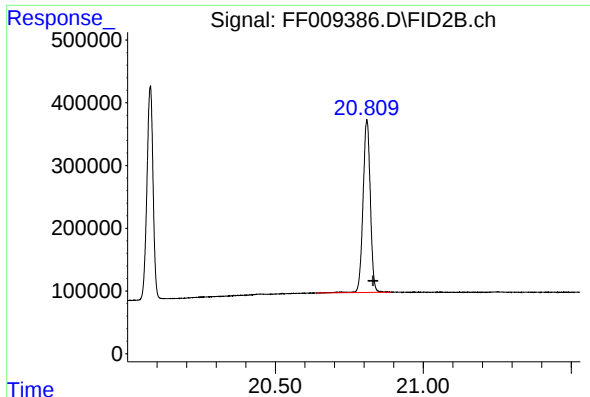
#15 N-TETRATRIACONTANE

R.T.: 19.339 min
Delta R.T.: -0.017 min
Response: 5067906
Conc: 47.20 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.078 min
Delta R.T.: -0.017 min
Response: 4873761
Conc: 48.65 ug/ml m



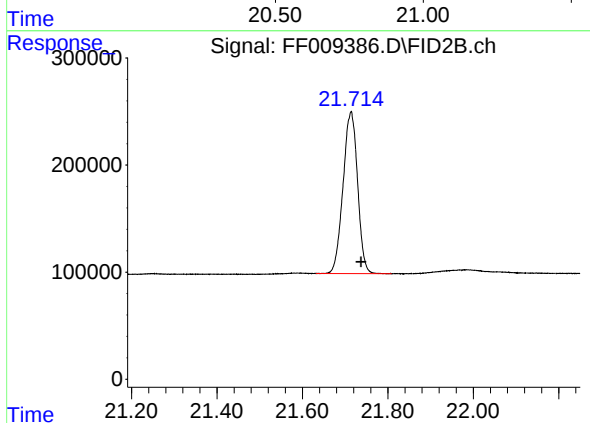
#17 N-OCTATRIACONTANE

R.T.: 20.809 min
Delta R.T.: -0.021 min
Response: 4694736
Conc: 50.81 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.714 min
Delta R.T.: -0.023 min
Response: 3569222
Conc: 38.18 ug/ml