

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032423\
 Data File : FF012355.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 17:08
 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 17:37:45 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...	15.027	5438847	48.599 ug/mlm
Target Compounds			
1) N-OCTANE	2.073	5792238	45.675 ug/ml
2) N-DECANE	4.592	6354213	50.752 ug/ml
3) N-DODECANE	6.754	6412778	51.729 ug/ml
4) N-TETRADECANE	8.579	6457804	49.558 ug/ml
5) N-HEXADECANE	10.184	6527589	48.917 ug/ml
6) N-OCTADECANE	11.625	6479703	48.239 ug/ml
7) N-EICOSANE	12.933	6356700	47.785 ug/ml
8) N-DOCOSANE	14.130	6060234	47.691 ug/ml
10) N-TETRACOSANE	15.232	5952734	47.733 ug/ml
11) N-HEXACOSANE	16.251	5757918	48.087 ug/ml
12) N-OCTACOSANE	17.200	5617225	48.833 ug/ml
13) N-TRIACONTANE	18.085	5501376	49.997 ug/ml
14) N-DOTRIACONTANE	18.917	5250398	50.590 ug/ml
15) N-TETRATRIACONTANE	19.698	4870875	51.486 ug/ml
16) N-HEXATRIACONTANE	20.437	4591789	52.411 ug/ml
17) N-OCTATRIACONTANE	21.172	4533601	54.755 ug/ml
18) N-TETRACONTANE	22.080	4623198	56.596 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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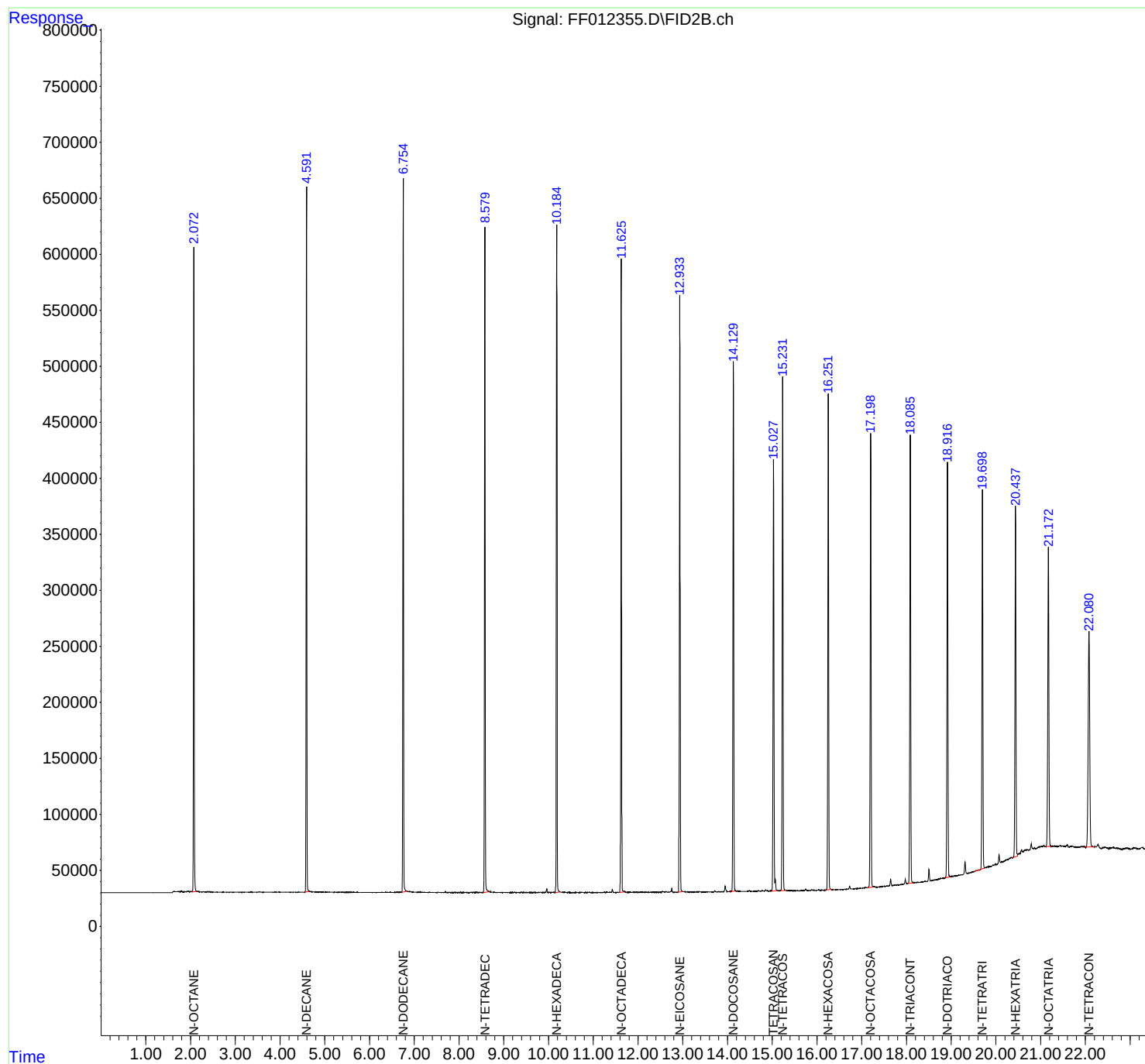
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50 PPM TRPH STD

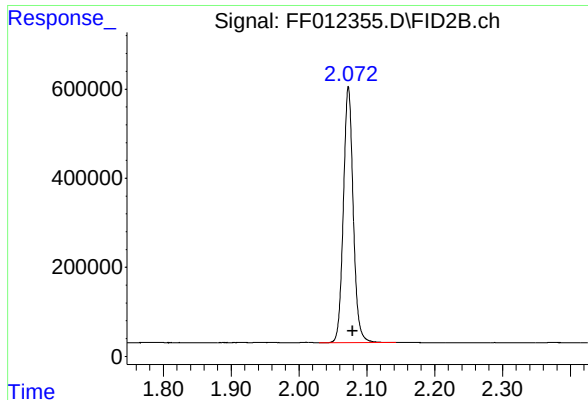
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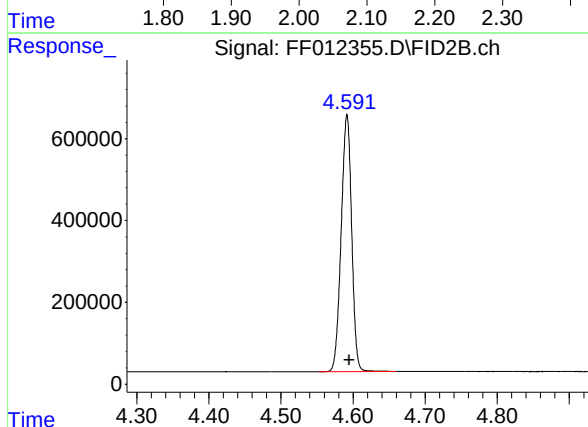
#1 N-OCTANE

R.T.: 2.073 min
Delta R.T.: -0.006 min
Response: 5792238
Conc: 45.68 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

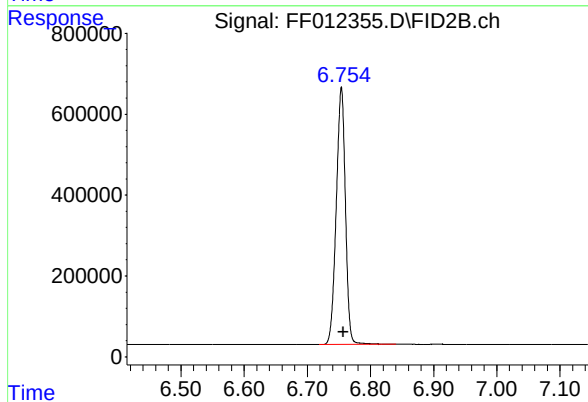
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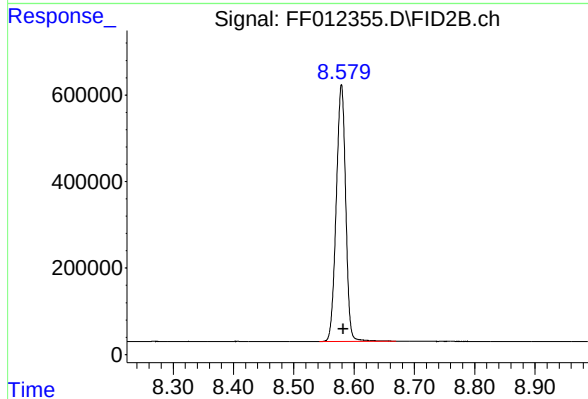
#2 N-DECANE

R.T.: 4.592 min
Delta R.T.: -0.003 min
Response: 6354213
Conc: 50.75 ug/ml



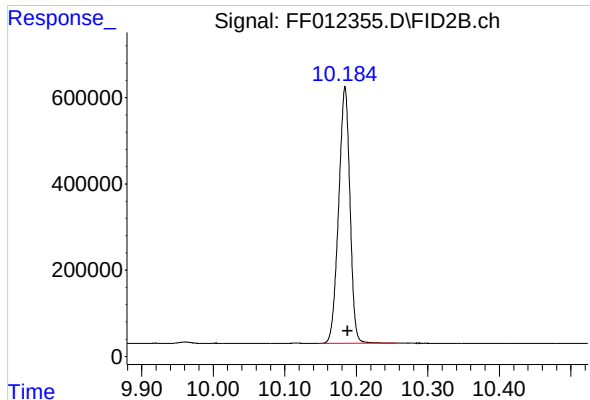
#3 N-DODECANE

R.T.: 6.754 min
Delta R.T.: -0.003 min
Response: 6412778
Conc: 51.73 ug/ml



#4 N-TETRADECANE

R.T.: 8.579 min
Delta R.T.: -0.003 min
Response: 6457804
Conc: 49.56 ug/ml



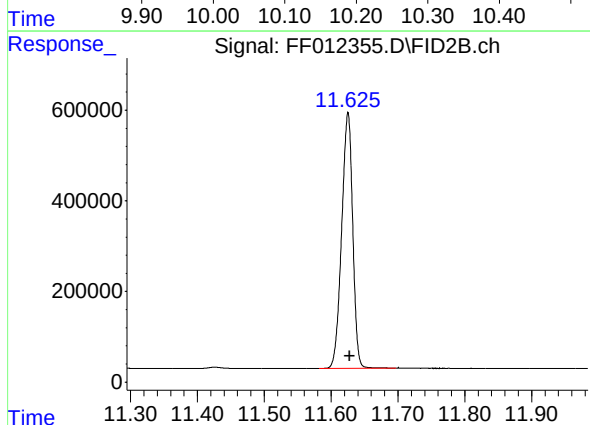
#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: -0.004 min
Response: 6527589
Conc: 48.92 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

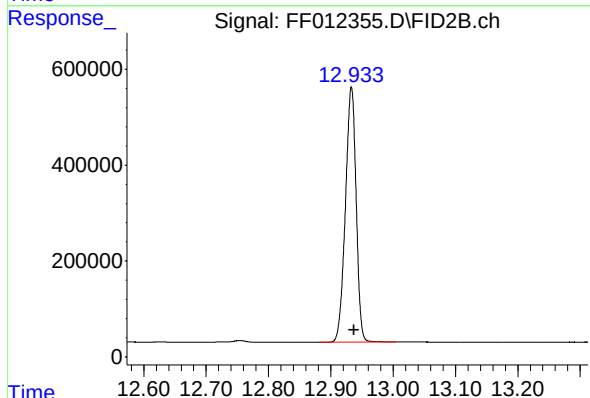
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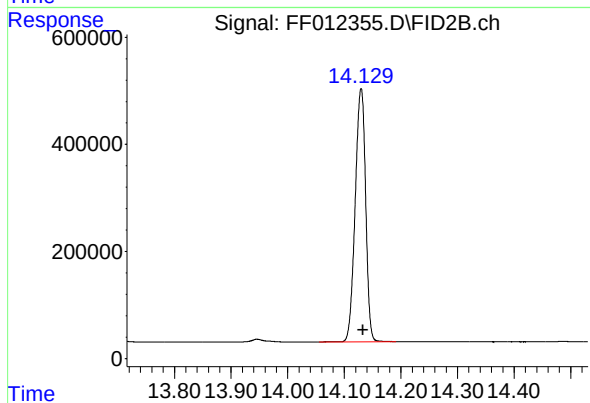
#6 N-OCTADECANE

R.T.: 11.625 min
Delta R.T.: -0.003 min
Response: 6479703
Conc: 48.24 ug/ml



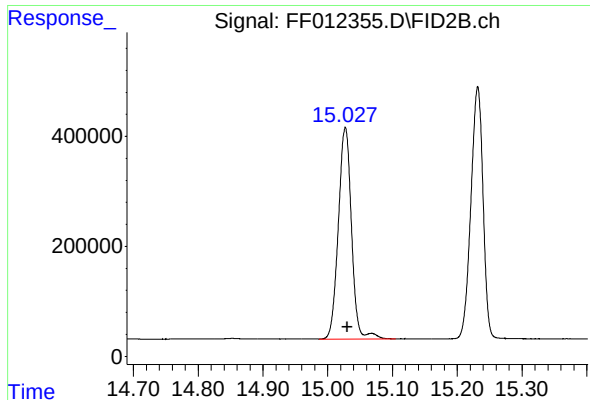
#7 N-EICOSANE

R.T.: 12.933 min
Delta R.T.: -0.004 min
Response: 6356700
Conc: 47.78 ug/ml



#8 N-DOCOSANE

R.T.: 14.130 min
Delta R.T.: -0.003 min
Response: 6060234
Conc: 47.69 ug/ml



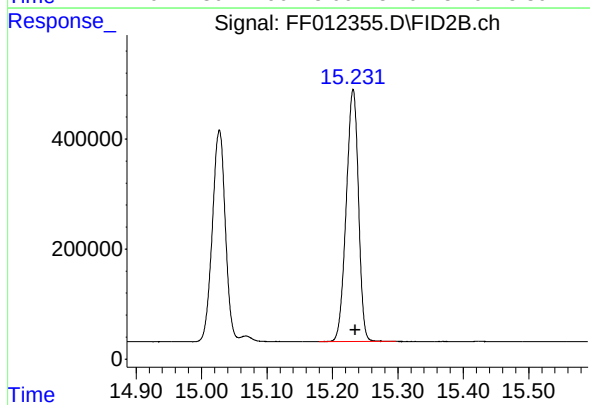
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.027 min
Delta R.T.: -0.003 min
Response: 5438847
Conc: 48.60 ug/ml

Instrument :
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50 PPM TRPH STD

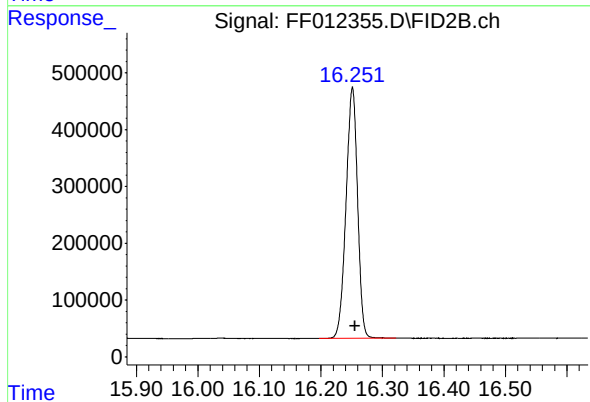
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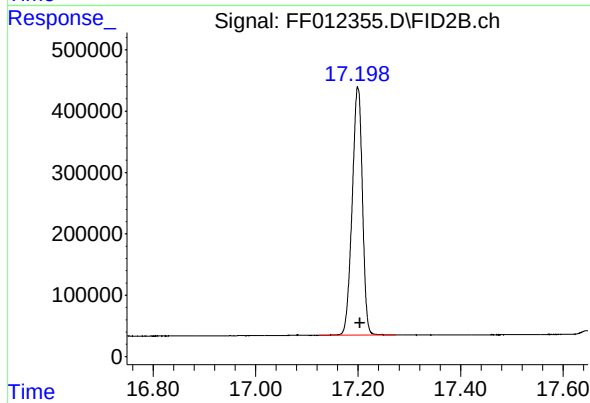
#10 N-TETRACOSANE

R.T.: 15.232 min
Delta R.T.: -0.003 min
Response: 5952734
Conc: 47.73 ug/ml



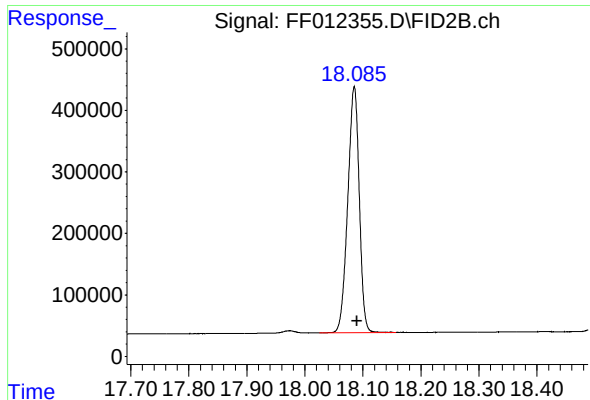
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: -0.004 min
Response: 5757918
Conc: 48.09 ug/ml



#12 N-OCTACOSANE

R.T.: 17.200 min
Delta R.T.: -0.005 min
Response: 5617225
Conc: 48.83 ug/ml



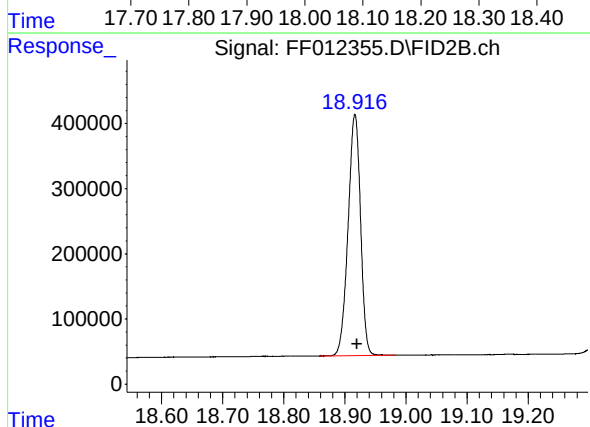
#13 N-TRIACONTANE

R.T.: 18.085 min
Delta R.T.: -0.004 min
Response: 5501376
Conc: 50.00 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

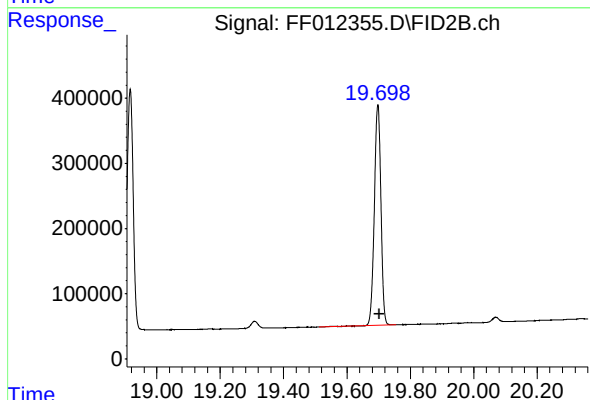
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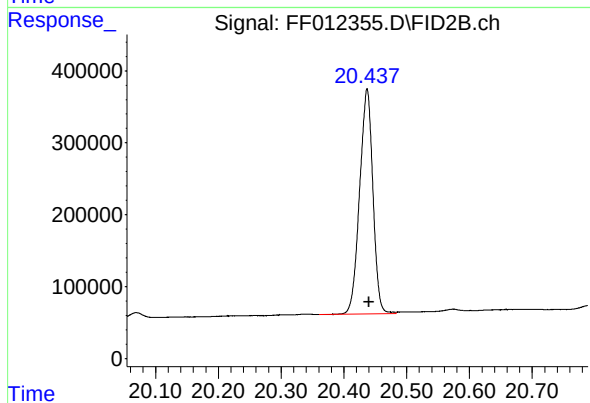
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: -0.003 min
Response: 5250398
Conc: 50.59 ug/ml



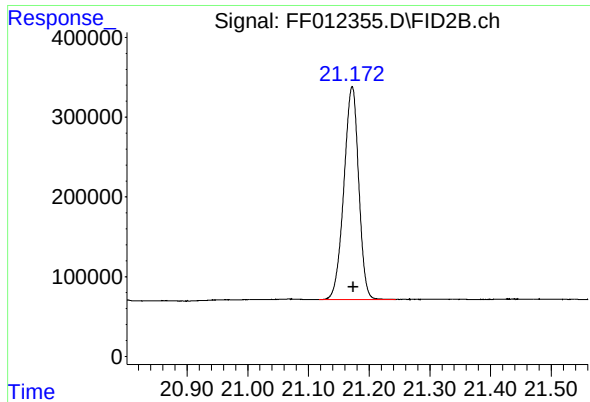
#15 N-TETRATRIACONTANE

R.T.: 19.698 min
Delta R.T.: -0.004 min
Response: 4870875
Conc: 51.49 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.437 min
Delta R.T.: -0.003 min
Response: 4591789
Conc: 52.41 ug/ml



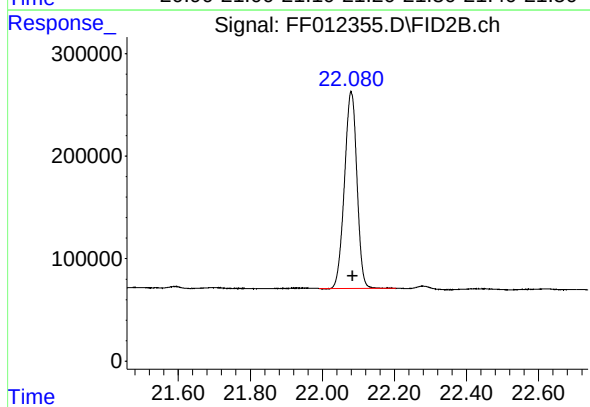
#17 N-OCTATRIACONTANE

R.T.: 21.172 min
Delta R.T.: -0.002 min
Response: 4533601
Conc: 54.76 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.080 min
Delta R.T.: -0.004 min
Response: 4623198
Conc: 56.60 ug/ml