

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040822\
 Data File : FF010308.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2022 14:36
 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 04/11/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File: autoint1.e
 Quant Time: Apr 08 23:28:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Quant Title :
 QLast Update : Fri Apr 01 11:58:56 2022
 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...	14.633	5917518	49.507 ug/ml
Target Compounds			
1) N-OCTANE	2.272	6525129	49.791 ug/ml
2) N-DECANE	4.366	6706664	50.446 ug/ml
3) N-DODECANE	6.384	6684930	50.207 ug/ml
4) N-TETRADECANE	8.180	6714698	50.644 ug/ml
5) N-HEXADECANE	9.781	6745976	50.813 ug/ml
6) N-OCTADECANE	11.224	6930392	50.407 ug/ml
7) N-EICOSANE	12.534	6725207	50.056 ug/ml
8) N-DOCOSANE	13.733	6672432	49.868 ug/ml
10) N-TETRACOSANE	14.838	6646574	49.636 ug/ml
11) N-HEXACOSANE	15.859	6558123	49.444 ug/ml
12) N-OCTACOSANE	16.809	6485089	48.929 ug/ml
13) N-TRIACONTANE	17.696	6392259	48.414 ug/ml
14) N-DOTRIACONTANE	18.529	6167706	47.785 ug/ml
15) N-TETRATRIACONTANE	19.312	5685080	48.846 ug/ml
16) N-HEXATRIACONTANE	20.052	5020899	48.139 ug/mlm
17) N-OCTATRIACONTANE	20.778	4546828	50.891 ug/ml
18) N-TETRACONTANE	21.665	4504860	51.426 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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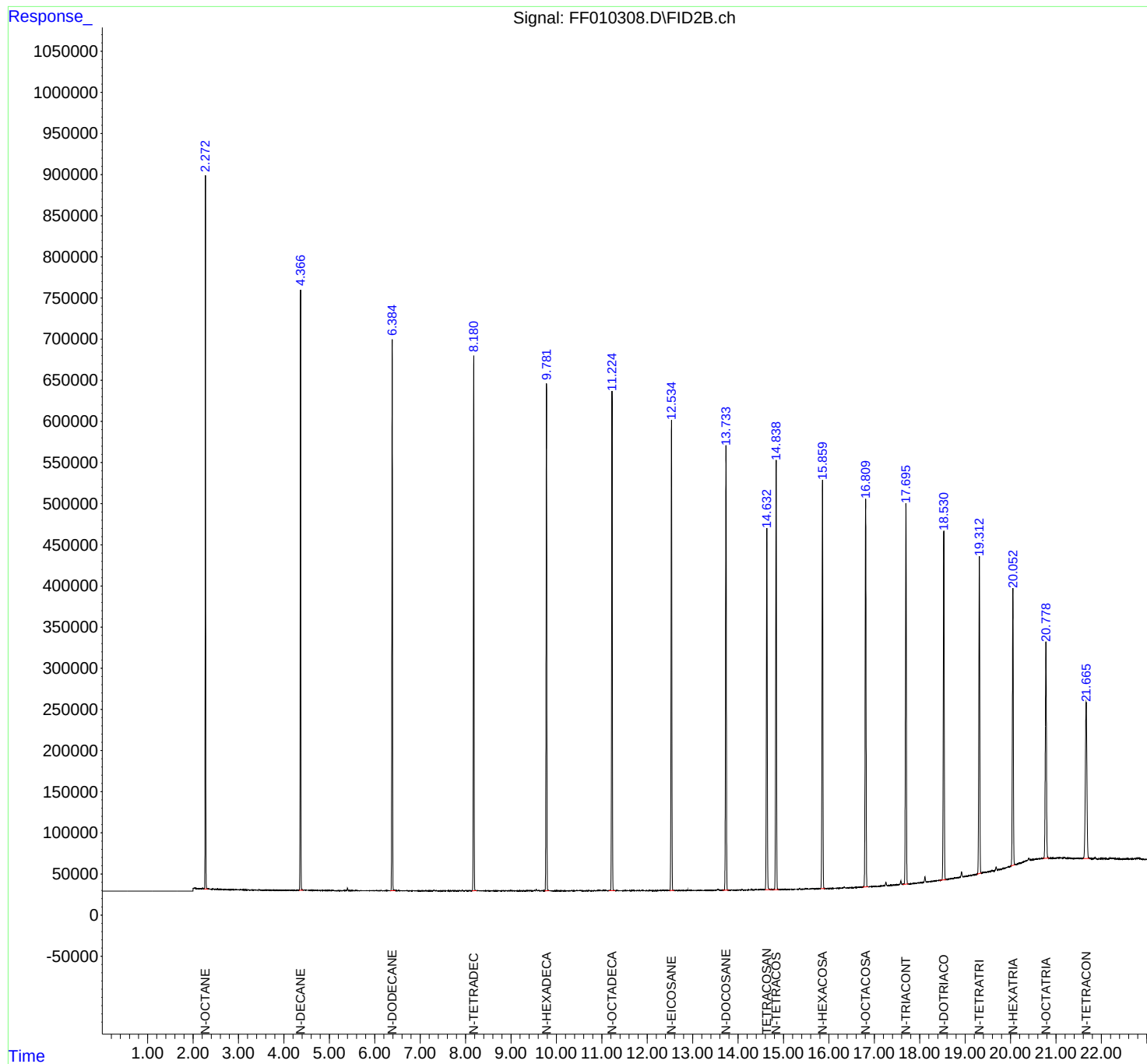
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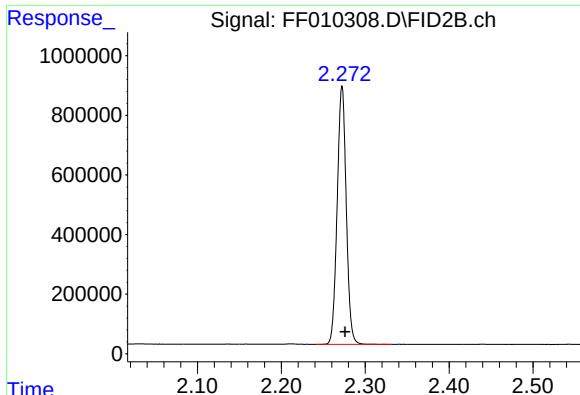
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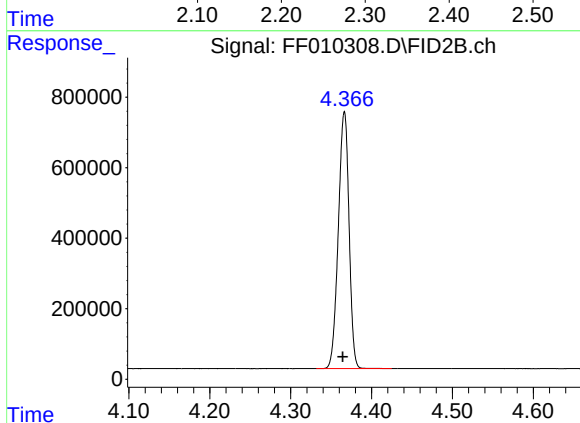
#1 N-OCTANE

R.T.: 2.272 min
Delta R.T.: -0.004 min
Response: 6525129
Conc: 49.79 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

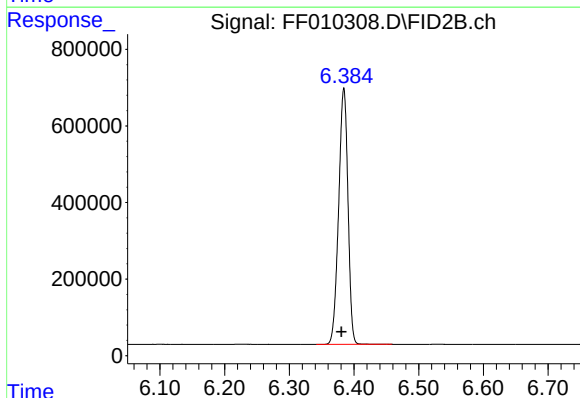
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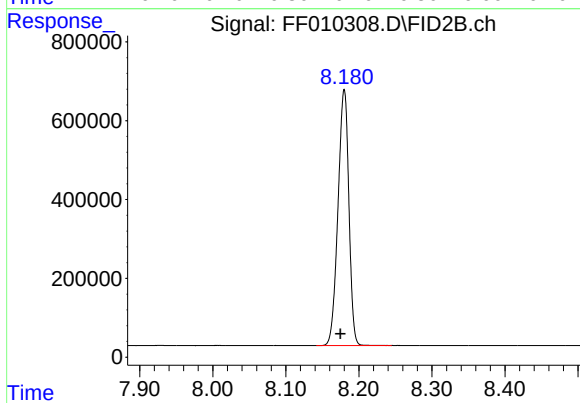
#2 N-DECANE

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 6706664
Conc: 50.45 ug/ml



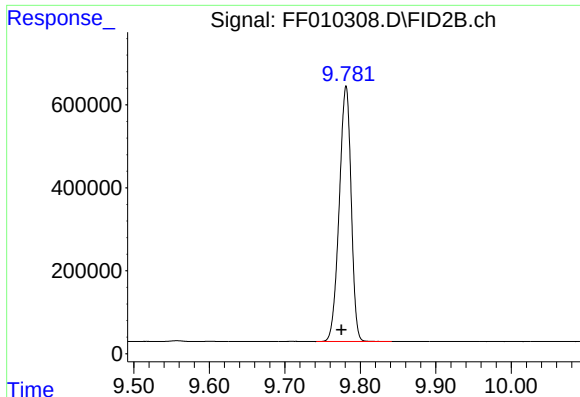
#3 N-DODECANE

R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 6684930
Conc: 50.21 ug/ml



#4 N-TETRADECANE

R.T.: 8.180 min
Delta R.T.: 0.005 min
Response: 6714698
Conc: 50.64 ug/ml



#5 N-HEXADECANE

R.T.: 9.781 min
Delta R.T.: 0.006 min
Response: 6745976
Conc: 50.81 ug/ml

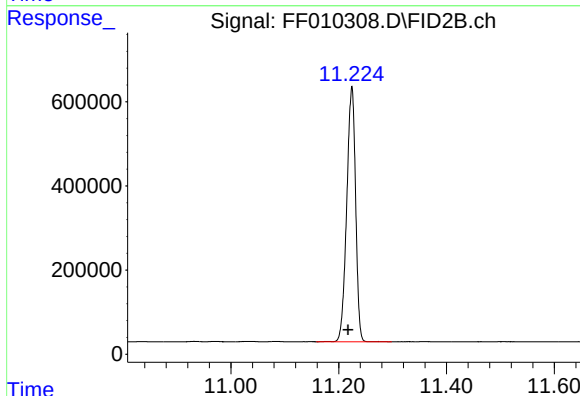
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

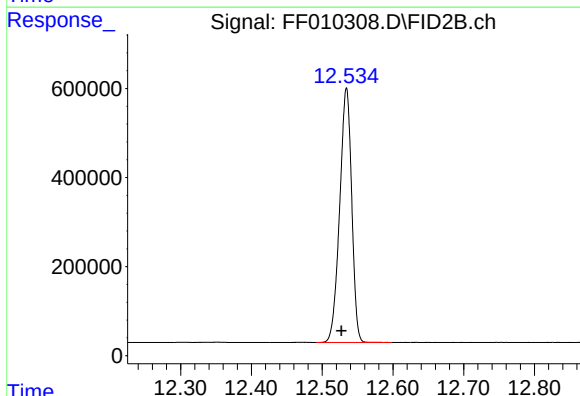
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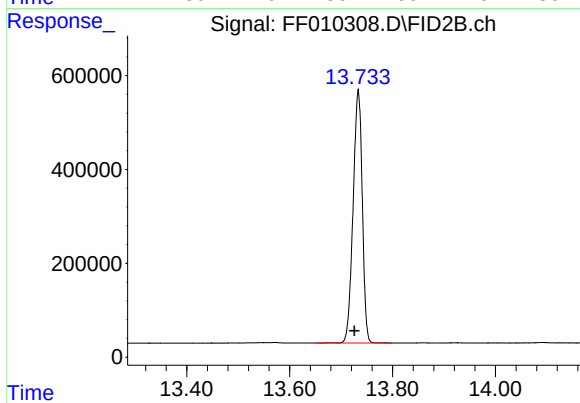
#6 N-OCTADECANE

R.T.: 11.224 min
Delta R.T.: 0.007 min
Response: 6930392
Conc: 50.41 ug/ml



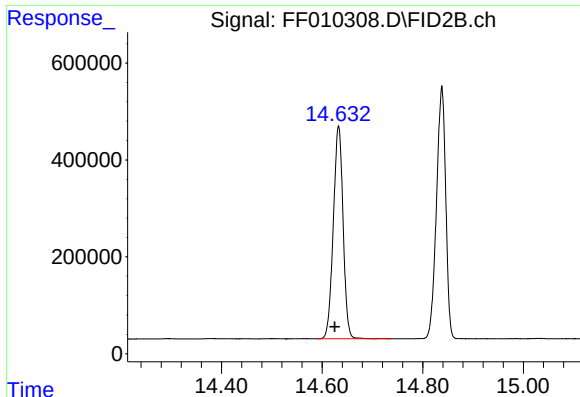
#7 N-EICOSANE

R.T.: 12.534 min
Delta R.T.: 0.007 min
Response: 6725207
Conc: 50.06 ug/ml



#8 N-DOCOSANE

R.T.: 13.733 min
Delta R.T.: 0.008 min
Response: 6672432
Conc: 49.87 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.633 min
Delta R.T.: 0.007 min
Response: 5917518
Conc: 49.51 ug/ml

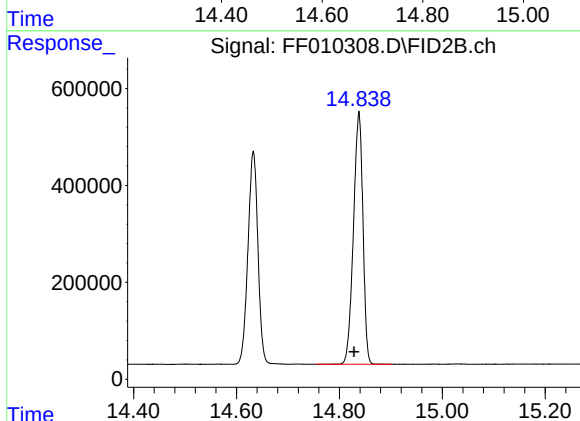
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

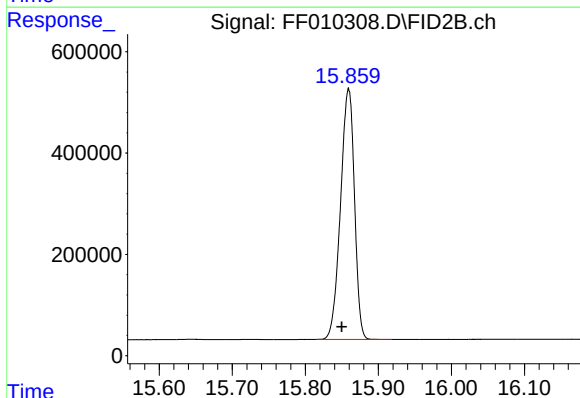
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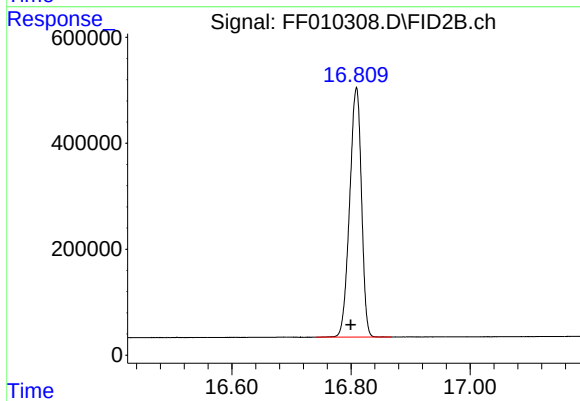
#10 N-TETRACOSANE

R.T.: 14.838 min
Delta R.T.: 0.009 min
Response: 6646574
Conc: 49.64 ug/ml



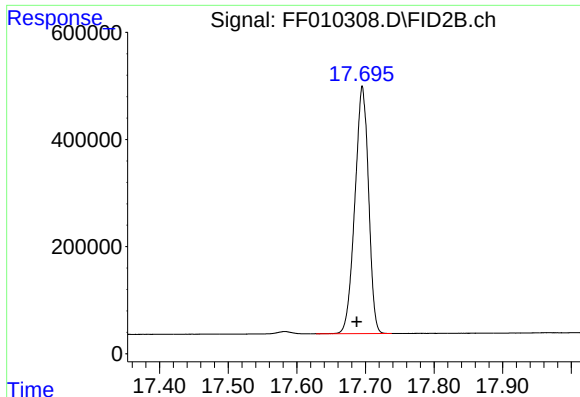
#11 N-HEXACOSANE

R.T.: 15.859 min
Delta R.T.: 0.009 min
Response: 6558123
Conc: 49.44 ug/ml



#12 N-OCTACOSANE

R.T.: 16.809 min
Delta R.T.: 0.009 min
Response: 6485089
Conc: 48.93 ug/ml



#13 N-TRIACONTANE

R.T.: 17.696 min
Delta R.T.: 0.009 min
Response: 6392259
Conc: 48.41 ug/ml

Instrument :

FID_F

ClientSampleId :

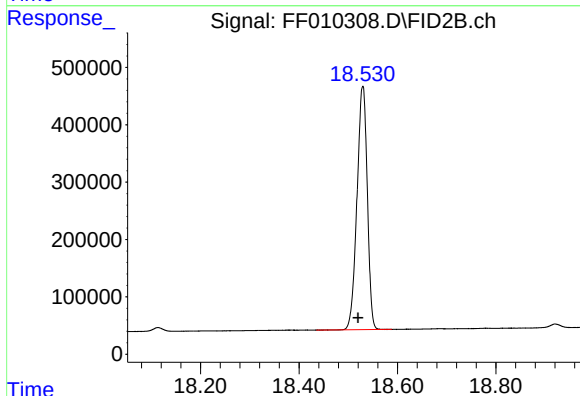
50 PPM TRPH STD

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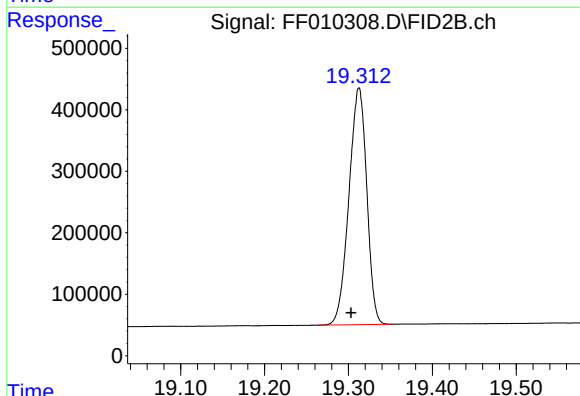
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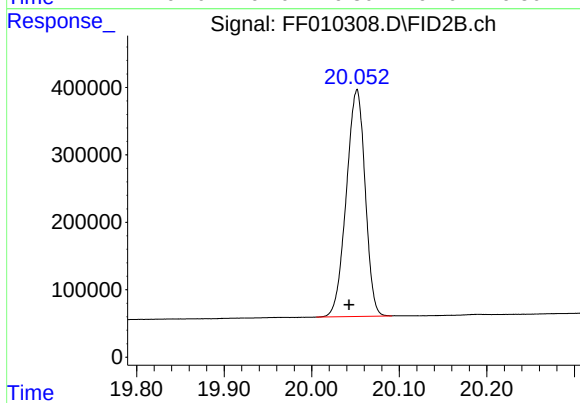
#14 N-DOTRIACONTANE

R.T.: 18.529 min
Delta R.T.: 0.009 min
Response: 6167706
Conc: 47.78 ug/ml



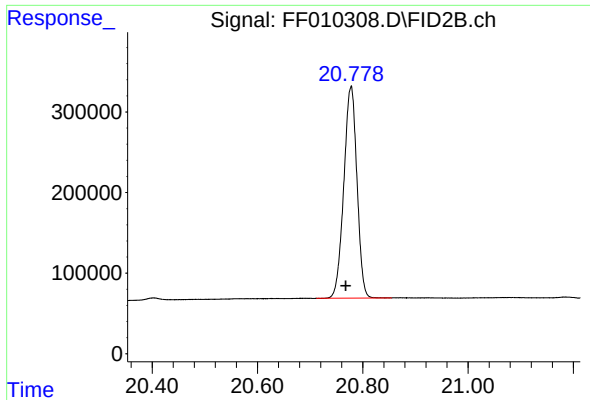
#15 N-TETRATRIACONTANE

R.T.: 19.312 min
Delta R.T.: 0.009 min
Response: 5685080
Conc: 48.85 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.052 min
Delta R.T.: 0.009 min
Response: 5020899
Conc: 48.14 ug/ml m



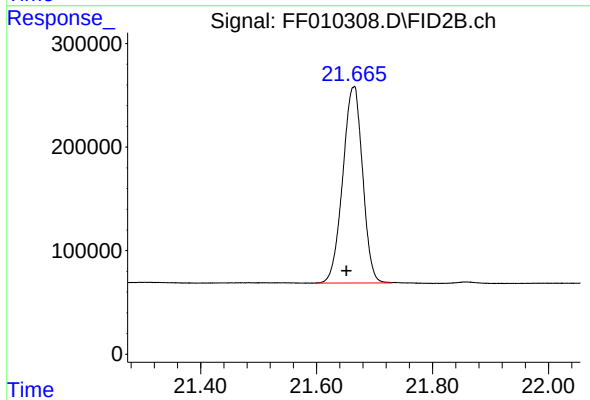
#17 N-OCTATRIACONTANE

R.T.: 20.778 min
Delta R.T.: 0.010 min
Response: 4546828
Conc: 50.89 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.665 min
Delta R.T.: 0.014 min
Response: 4504860
Conc: 51.43 ug/ml m