

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102524\
 Data File : FF014789.D
 Signal(s) : FID2B.ch
 Acq On : 25 Oct 2024 14:24
 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 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 04:04:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.015	6810482	51.750 ug/mlm
Target Compounds			
1) N-OCTANE	2.048	7316165	52.584 ug/ml
2) N-DECANE	4.573	7960641	55.726 ug/ml
3) N-DODECANE	6.736	8019940	55.266 ug/ml
4) N-TETRADECANE	8.561	7993273	54.530 ug/ml
5) N-HEXADECANE	10.167	7962368	54.184 ug/ml
6) N-OCTADECANE	11.609	8023333	53.443 ug/ml
7) N-EICOSANE	12.919	8027825	52.918 ug/ml
8) N-DOCOSANE	14.116	7711529	52.406 ug/ml
10) N-TETRACOSANE	15.219	7626056	51.889 ug/ml
11) N-HEXACOSANE	16.239	7493962	51.307 ug/ml
12) N-OCTACOSANE	17.189	7412366	51.300 ug/ml
13) N-TRIACONTANE	18.075	7602779	51.935 ug/ml
14) N-DOTRIACONTANE	18.909	7536393	52.385 ug/ml
15) N-TETRATRIACONTANE	19.691	7137065	52.041 ug/ml
16) N-HEXATRIACONTANE	20.430	6546788	50.465 ug/ml
17) N-OCTATRIACONTANE	21.164	6065116	52.733 ug/ml
18) N-TETRACONTANE	22.072	5737080	54.641 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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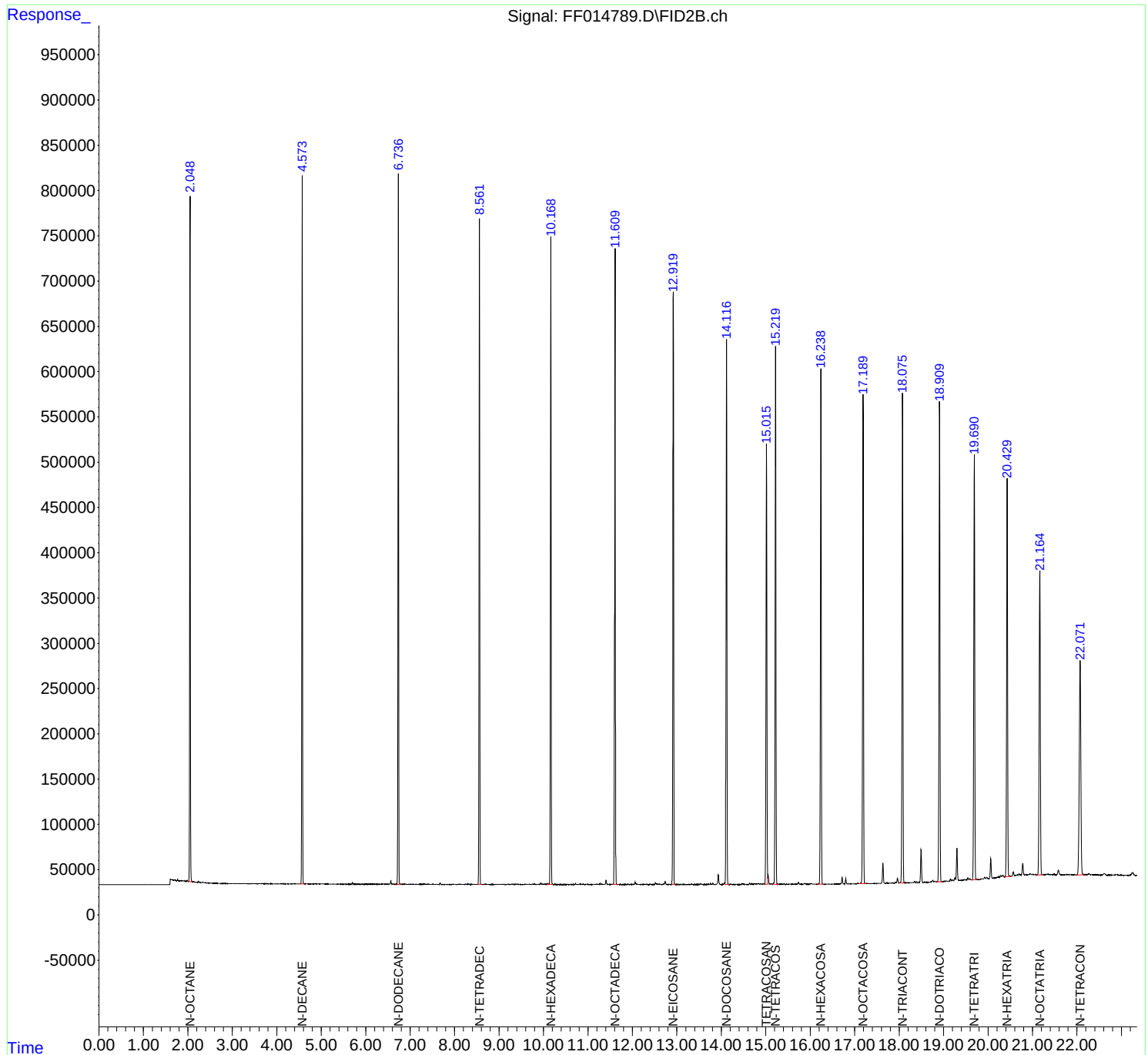
Instrument :
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50 PPM TRPH STD

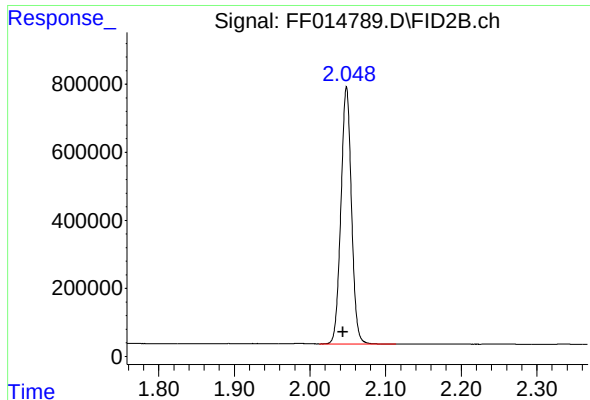
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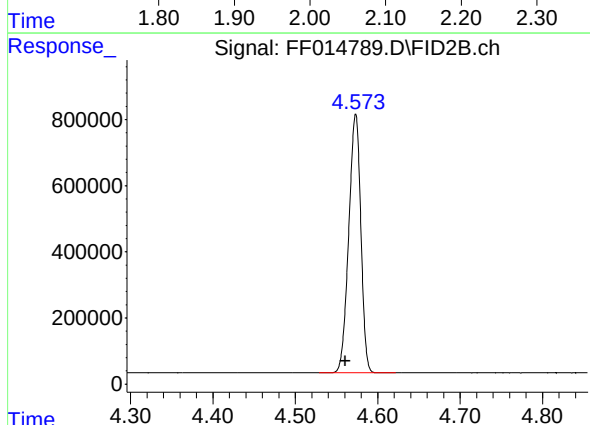
#1 N-OCTANE

R.T.: 2.048 min
Delta R.T.: 0.004 min
Response: 7316165
Conc: 52.58 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

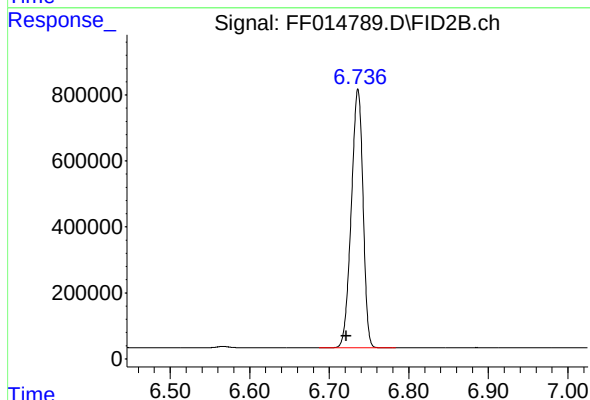
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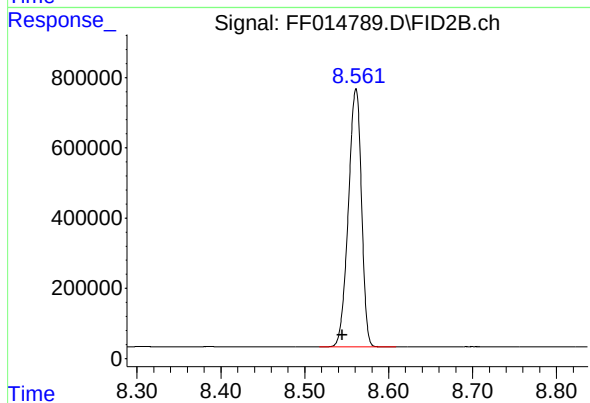
#2 N-DECANE

R.T.: 4.573 min
Delta R.T.: 0.013 min
Response: 7960641
Conc: 55.73 ug/ml



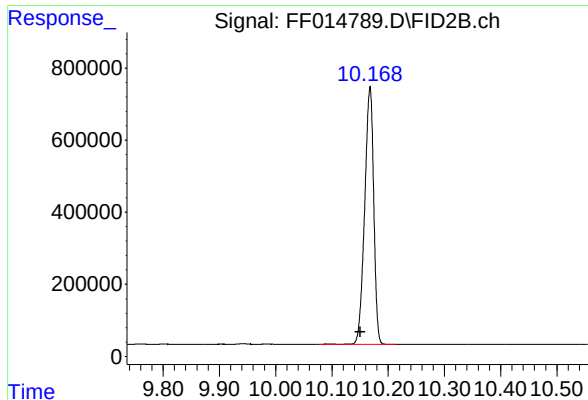
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: 0.015 min
Response: 8019940
Conc: 55.27 ug/ml



#4 N-TETRADECANE

R.T.: 8.561 min
Delta R.T.: 0.016 min
Response: 7993273
Conc: 54.53 ug/ml



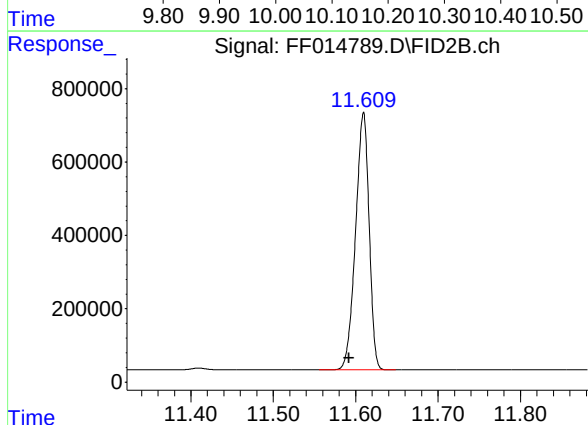
#5 N-HEXADECANE

R.T.: 10.167 min
Delta R.T.: 0.017 min
Response: 7962368
Conc: 54.18 ug/ml

Instrument :
FID_F
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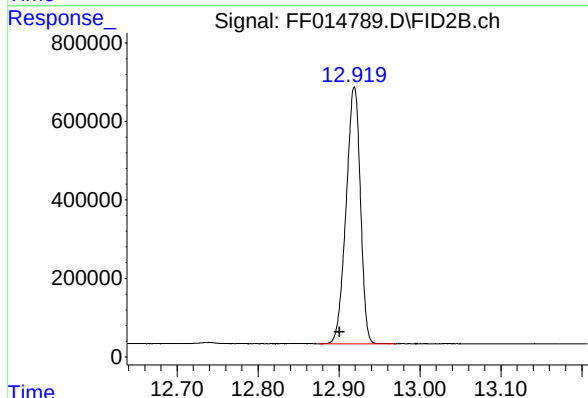


#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: 0.017 min
Response: 8023333
Conc: 53.44 ug/ml

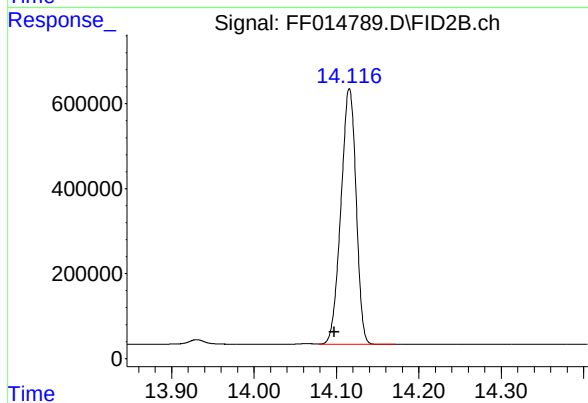
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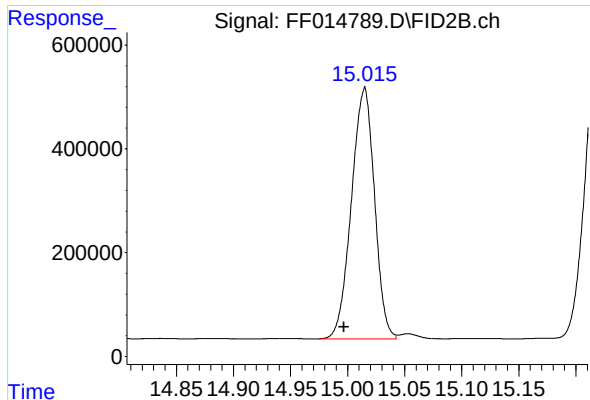
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: 0.018 min
Response: 8027825
Conc: 52.92 ug/ml



#8 N-DOCOSANE

R.T.: 14.116 min
Delta R.T.: 0.018 min
Response: 7711529
Conc: 52.41 ug/ml



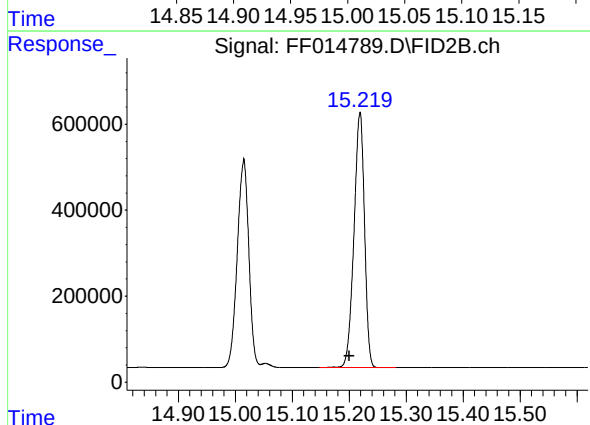
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.015 min
Delta R.T.: 0.018 min
Response: 6810482
Conc: 51.75 ug/ml

Instrument : FID_F
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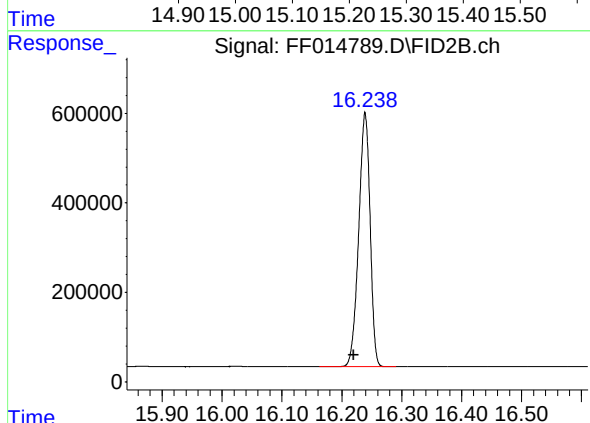


#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: 0.019 min
Response: 7626056
Conc: 51.89 ug/ml

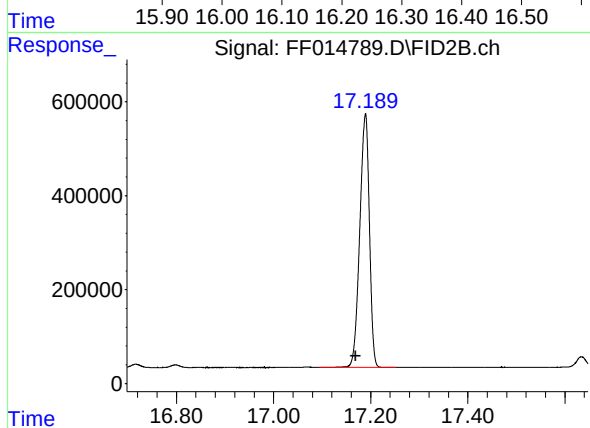
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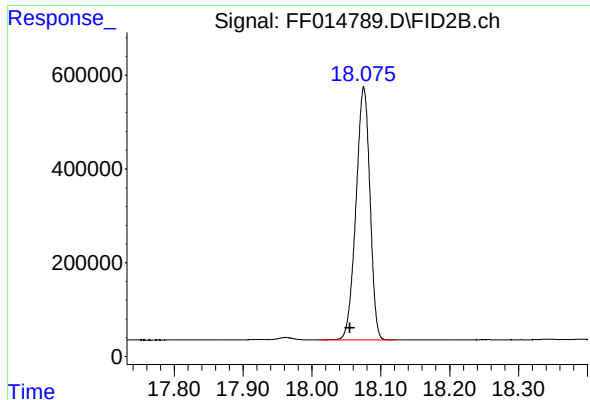
#11 N-HEXACOSANE

R.T.: 16.239 min
Delta R.T.: 0.019 min
Response: 7493962
Conc: 51.31 ug/ml



#12 N-OCTACOSANE

R.T.: 17.189 min
Delta R.T.: 0.020 min
Response: 7412366
Conc: 51.30 ug/ml



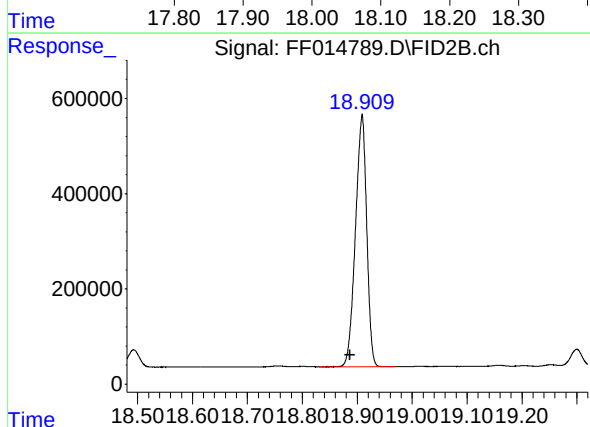
#13 N-TRIACONTANE

R.T.: 18.075 min
Delta R.T.: 0.020 min
Response: 7602779
Conc: 51.93 ug/ml

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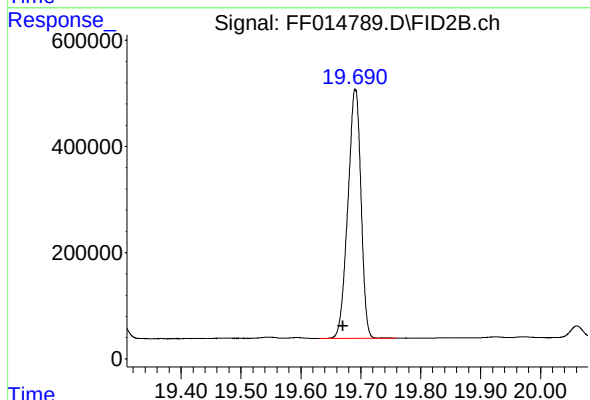


#14 N-DOTRIACONTANE

R.T.: 18.909 min
Delta R.T.: 0.021 min
Response: 7536393
Conc: 52.39 ug/ml

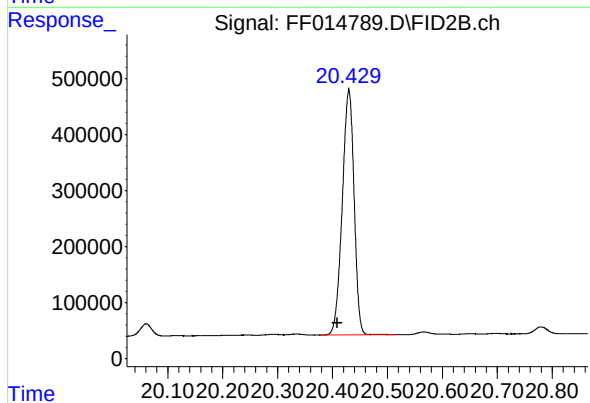
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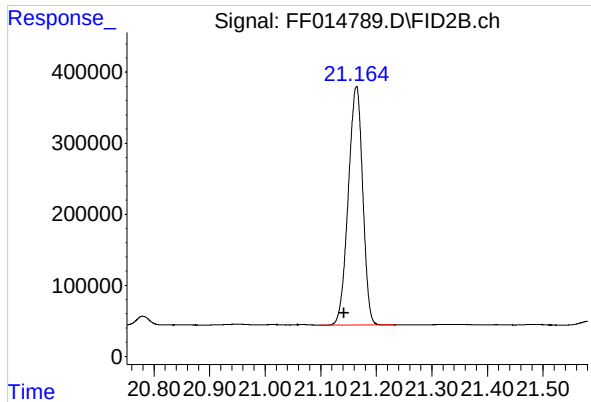
#15 N-TETRATRIACONTANE

R.T.: 19.691 min
Delta R.T.: 0.021 min
Response: 7137065
Conc: 52.04 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.430 min
Delta R.T.: 0.021 min
Response: 6546788
Conc: 50.46 ug/ml



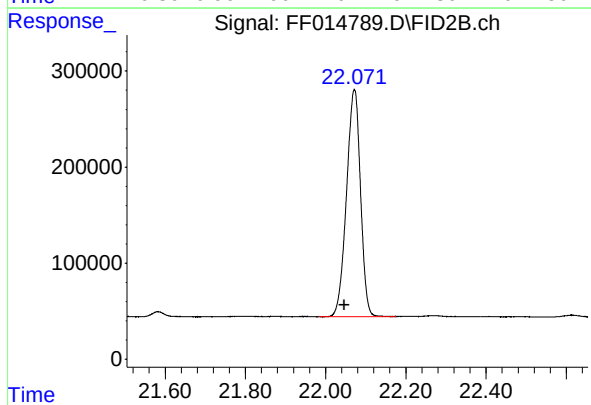
#17 N-OCTATRIACONTANE

R.T.: 21.164 min
Delta R.T.: 0.022 min
Response: 6065116
Conc: 52.73 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.072 min
Delta R.T.: 0.025 min
Response: 5737080
Conc: 54.64 ug/ml

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