

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF043022\
 Data File : FF010466.D
 Signal(s) : FID2B.ch
 Acq On : 29 Apr 2022 19:52
 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 05/02/2022
 Supervised By :mohammad ahmed 05/02/2022

Integration File: autoint1.e
 Quant Time: Apr 29 22:37:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042922.M
 Quant Title :
 QLast Update : Fri Apr 29 04:08:29 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...	14.618	5093791	41.535 ug/ml
Target Compounds			
1) N-OCTANE	2.265	6253661	47.320 ug/ml
2) N-DECANE	4.357	6408790	47.540 ug/ml
3) N-DODECANE	6.375	6398853	47.210 ug/ml
4) N-TETRADECANE	8.170	6394309	46.869 ug/ml
5) N-HEXADECANE	9.770	6384636	46.154 ug/ml
6) N-OCTADECANE	11.212	6454601	44.951 ug/ml
7) N-EICOSANE	12.521	6131622	43.777 ug/ml
8) N-DOCOSANE	13.719	5905408	42.518 ug/ml
10) N-TETRACOSANE	14.822	5713111	41.351 ug/ml
11) N-HEXACOSANE	15.842	5497023	40.622 ug/ml
12) N-OCTACOSANE	16.792	5329447	40.529 ug/ml
13) N-TRIACONTANE	17.679	5262688	41.405 ug/ml
14) N-DOTRIACONTANE	18.510	5185479	43.233 ug/mlm
15) N-TETRATRIACONTANE	19.292	4888739	46.064 ug/mlm
16) N-HEXATRIACONTANE	20.029	4753948	52.607 ug/mlm
17) N-OCTATRIACONTANE	20.751	4393516	54.511 ug/ml
18) N-TETRACONTANE	21.630	4396284	55.852 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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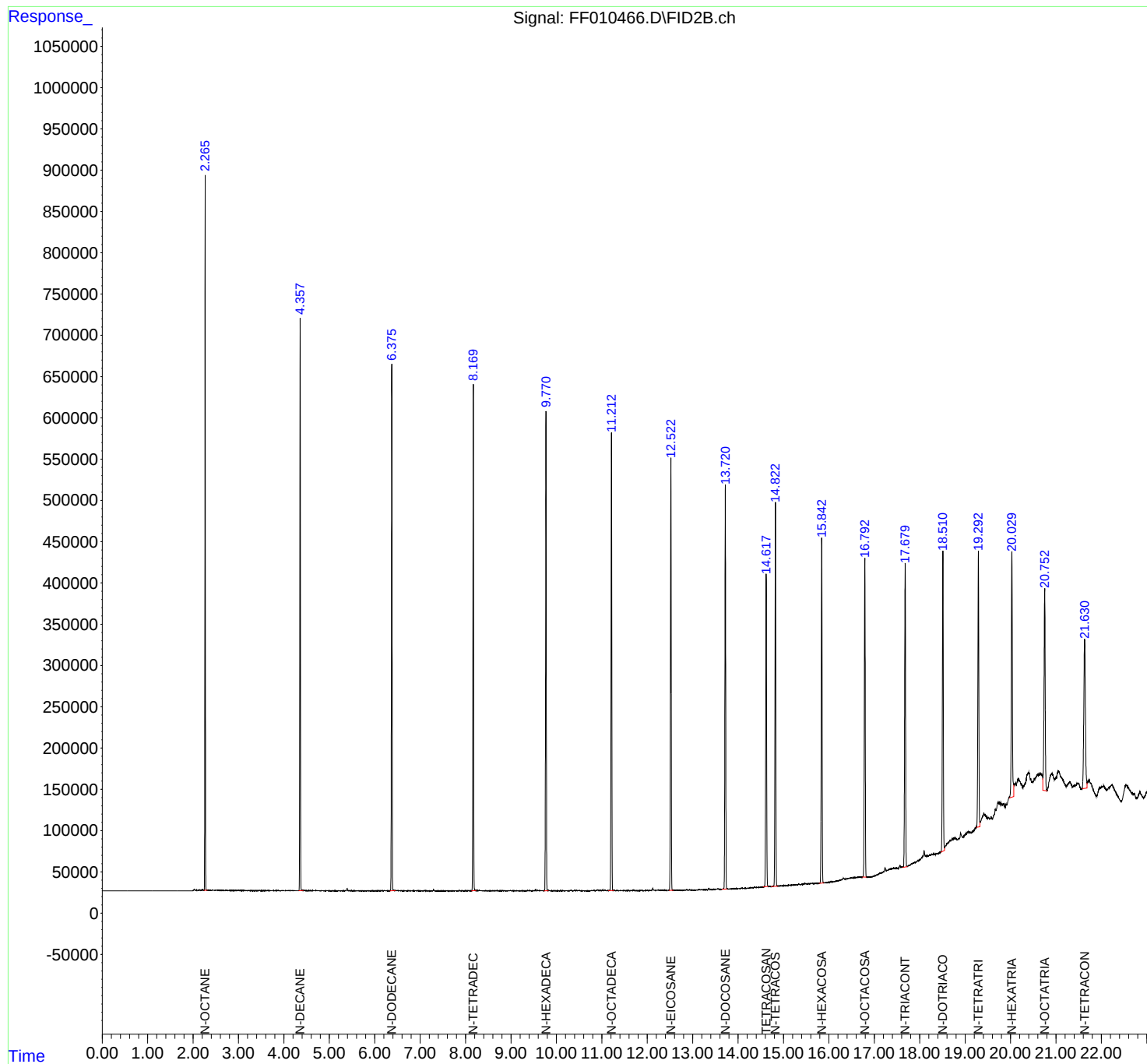
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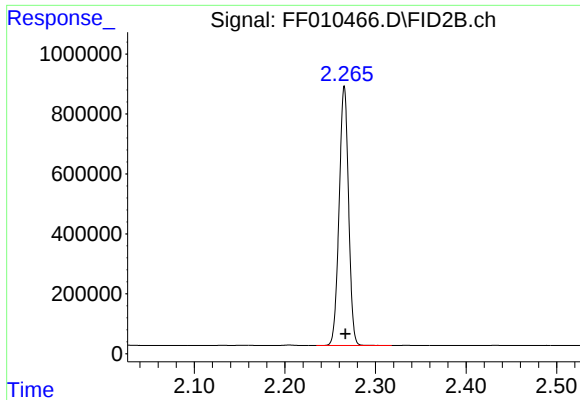
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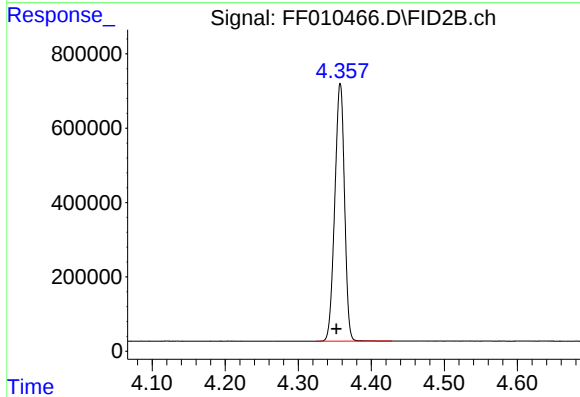
#1 N-OCTANE

R.T.: 2.265 min
Delta R.T.: -0.002 min
Response: 6253661
Conc: 47.32 ug/ml

Instrument :
FID_F
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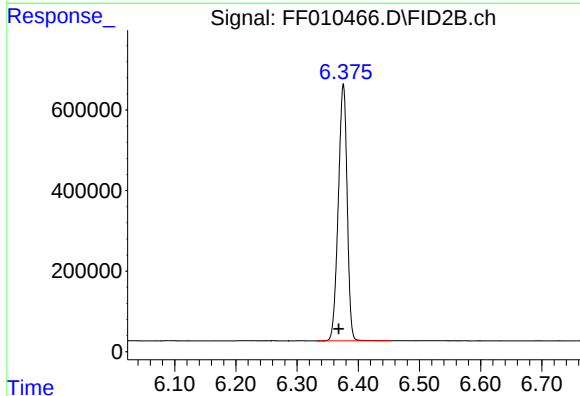
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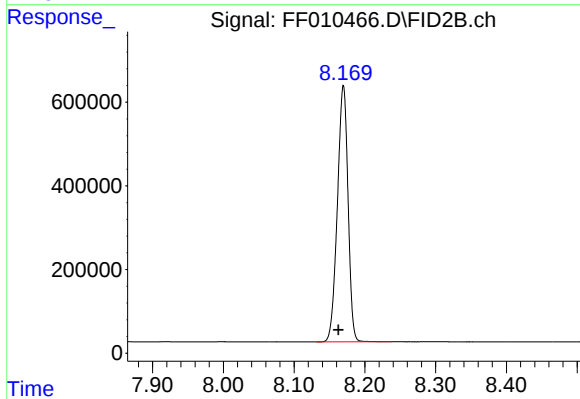
#2 N-DECANE

R.T.: 4.357 min
Delta R.T.: 0.005 min
Response: 6408790
Conc: 47.54 ug/ml



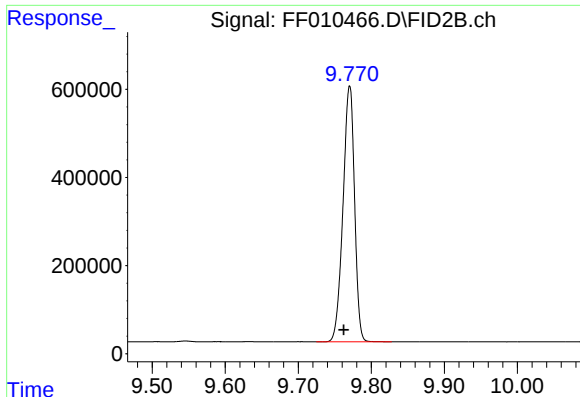
#3 N-DODECANE

R.T.: 6.375 min
Delta R.T.: 0.007 min
Response: 6398853
Conc: 47.21 ug/ml



#4 N-TETRADECANE

R.T.: 8.170 min
Delta R.T.: 0.007 min
Response: 6394309
Conc: 46.87 ug/ml



#5 N-HEXADECANE

R.T.: 9.770 min
Delta R.T.: 0.008 min
Response: 6384636
Conc: 46.15 ug/ml

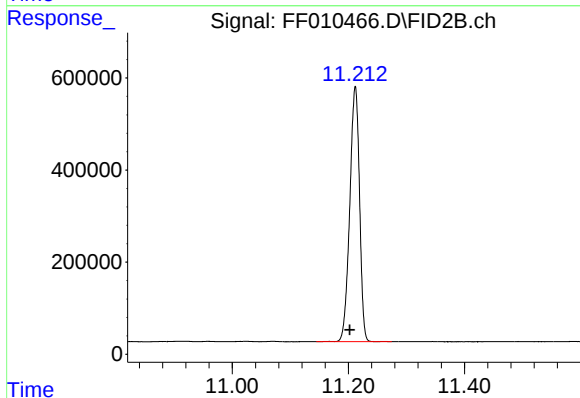
Instrument :

FID_F

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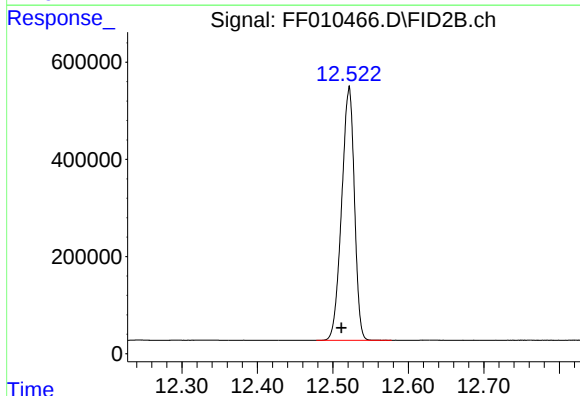
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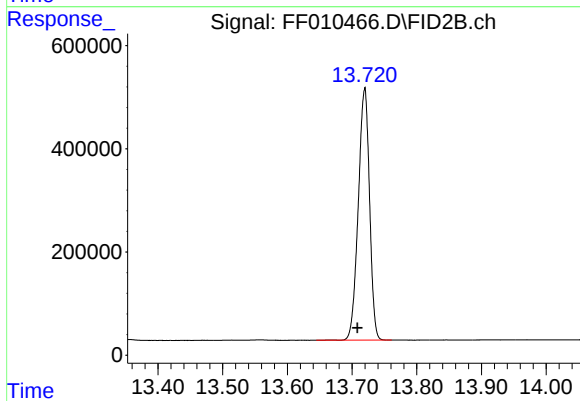
#6 N-OCTADECANE

R.T.: 11.212 min
Delta R.T.: 0.009 min
Response: 6454601
Conc: 44.95 ug/ml



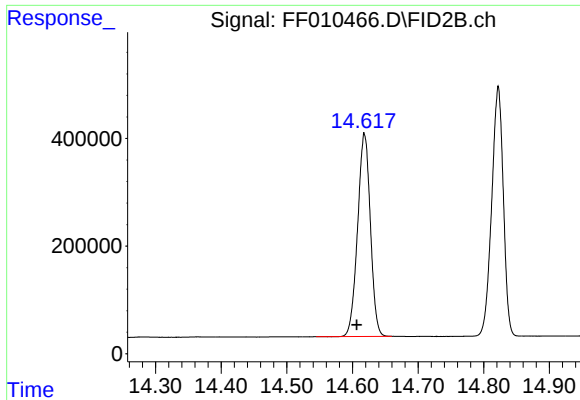
#7 N-EICOSANE

R.T.: 12.521 min
Delta R.T.: 0.010 min
Response: 6131622
Conc: 43.78 ug/ml



#8 N-DOCOSANE

R.T.: 13.719 min
Delta R.T.: 0.011 min
Response: 5905408
Conc: 42.52 ug/ml



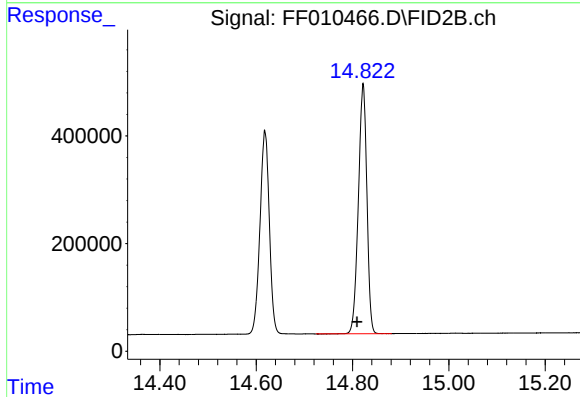
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.618 min
Delta R.T.: 0.012 min
Response: 5093791
Conc: 41.53 ug/ml

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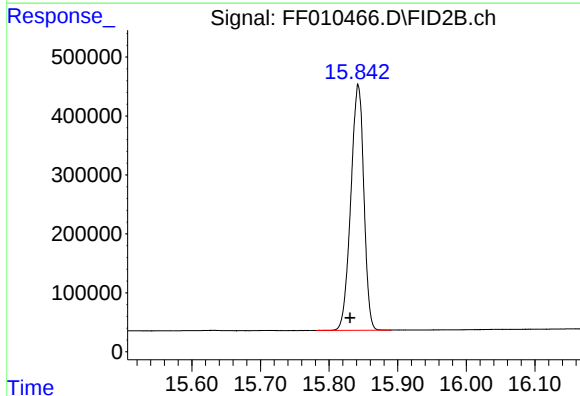
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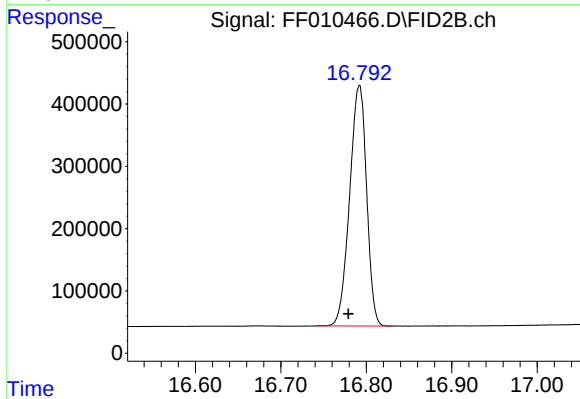
#10 N-TETRACOSANE

R.T.: 14.822 min
Delta R.T.: 0.012 min
Response: 5713111
Conc: 41.35 ug/ml



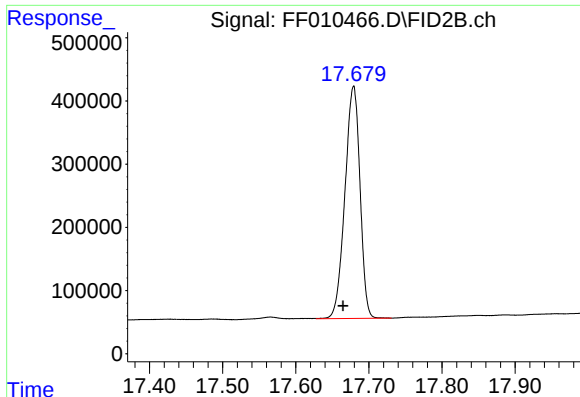
#11 N-HEXACOSANE

R.T.: 15.842 min
Delta R.T.: 0.012 min
Response: 5497023
Conc: 40.62 ug/ml



#12 N-OCTACOSANE

R.T.: 16.792 min
Delta R.T.: 0.013 min
Response: 5329447
Conc: 40.53 ug/ml



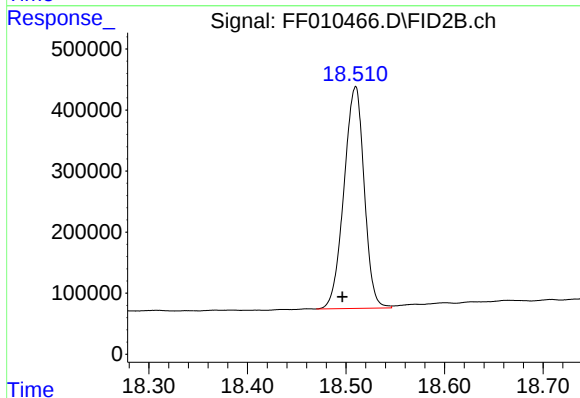
#13 N-TRIACONTANE

R.T.: 17.679 min
Delta R.T.: 0.014 min
Response: 5262688
Conc: 41.41 ug/ml

Instrument :
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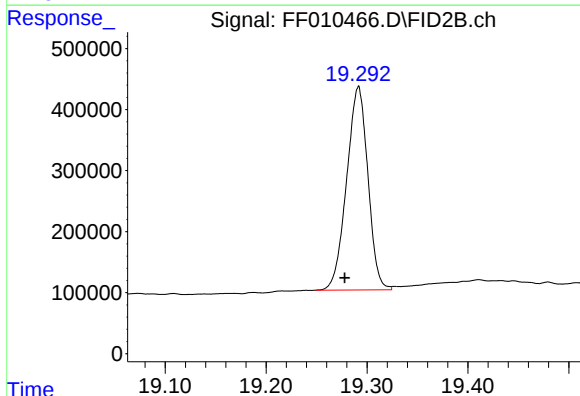
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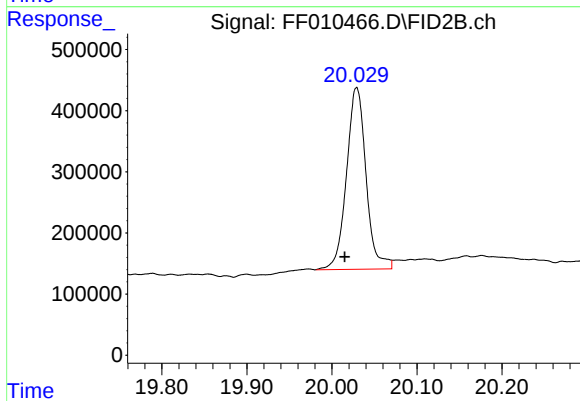
#14 N-DOTRIACONTANE

R.T.: 18.510 min
Delta R.T.: 0.013 min
Response: 5185479
Conc: 43.23 ug/ml m



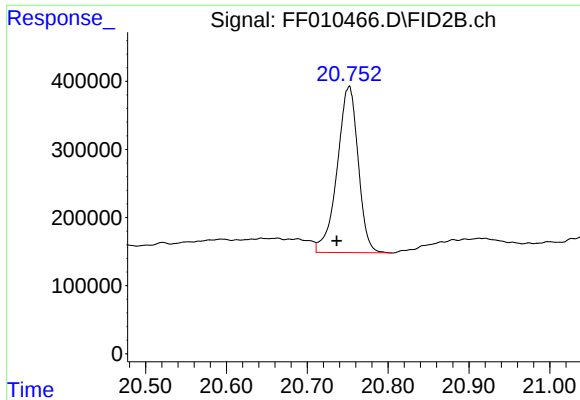
#15 N-TETRATRIACONTANE

R.T.: 19.292 min
Delta R.T.: 0.014 min
Response: 4888739
Conc: 46.06 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.029 min
Delta R.T.: 0.014 min
Response: 4753948
Conc: 52.61 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.751 min
Delta R.T.: 0.015 min
Response: 4393516
Conc: 54.51 ug/ml

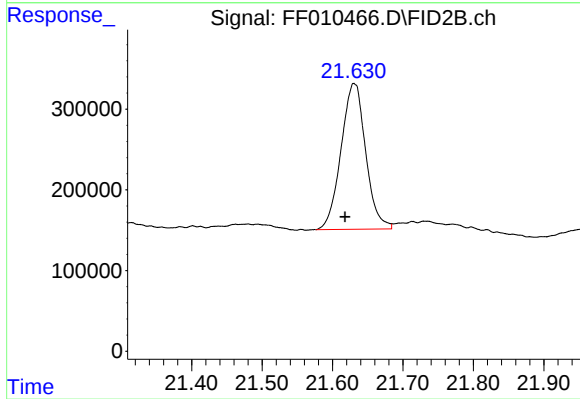
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#18 N-TETRACONTANE

R.T.: 21.630 min
Delta R.T.: 0.013 min
Response: 4396284
Conc: 55.85 ug/ml m