

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052824\
 Data File : FF014280.D
 Signal(s) : FID2B.ch
 Acq On : 28 May 2024 15:10
 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 05/29/2024
 Supervised By :Ankita Jodhani 05/29/2024

Integration File: autoint1.e
 Quant Time: May 29 04:01:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF051024.M
 Quant Title :
 QLast Update : Fri May 10 13:22:14 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...	14.939	5607855	56.113 ug/ml
Target Compounds			
1) N-OCTANE	1.969	5727154	49.982 ug/ml
2) N-DECANE	4.486	6062091	51.960 ug/ml
3) N-DODECANE	6.653	6279532	54.023 ug/ml
4) N-TETRADECANE	8.479	6122649	53.190 ug/ml
5) N-HEXADECANE	10.087	6261471	54.850 ug/ml
6) N-OCTADECANE	11.529	6497925	55.020 ug/ml
7) N-EICOSANE	12.841	6373632	53.343 ug/ml
8) N-DOCOSANE	14.039	6256714	54.334 ug/ml
10) N-TETRACOSANE	15.144	6179136	53.863 ug/ml
11) N-HEXACOSANE	16.166	6011940	53.740 ug/ml
12) N-OCTACOSANE	17.118	5913481	53.901 ug/ml
13) N-TRIACONTANE	18.005	5958722	54.603 ug/mlm
14) N-DOTRIACONTANE	18.839	5714159	44.789 ug/ml
15) N-TETRATRIACONTANE	19.623	4719630	46.518 ug/ml
16) N-HEXATRIACONTANE	20.362	3706444	38.707 ug/ml
17) N-OCTATRIACONTANE	21.087	3595959	36.684 ug/ml
18) N-TETRACONTANE	21.970	3426830	37.460 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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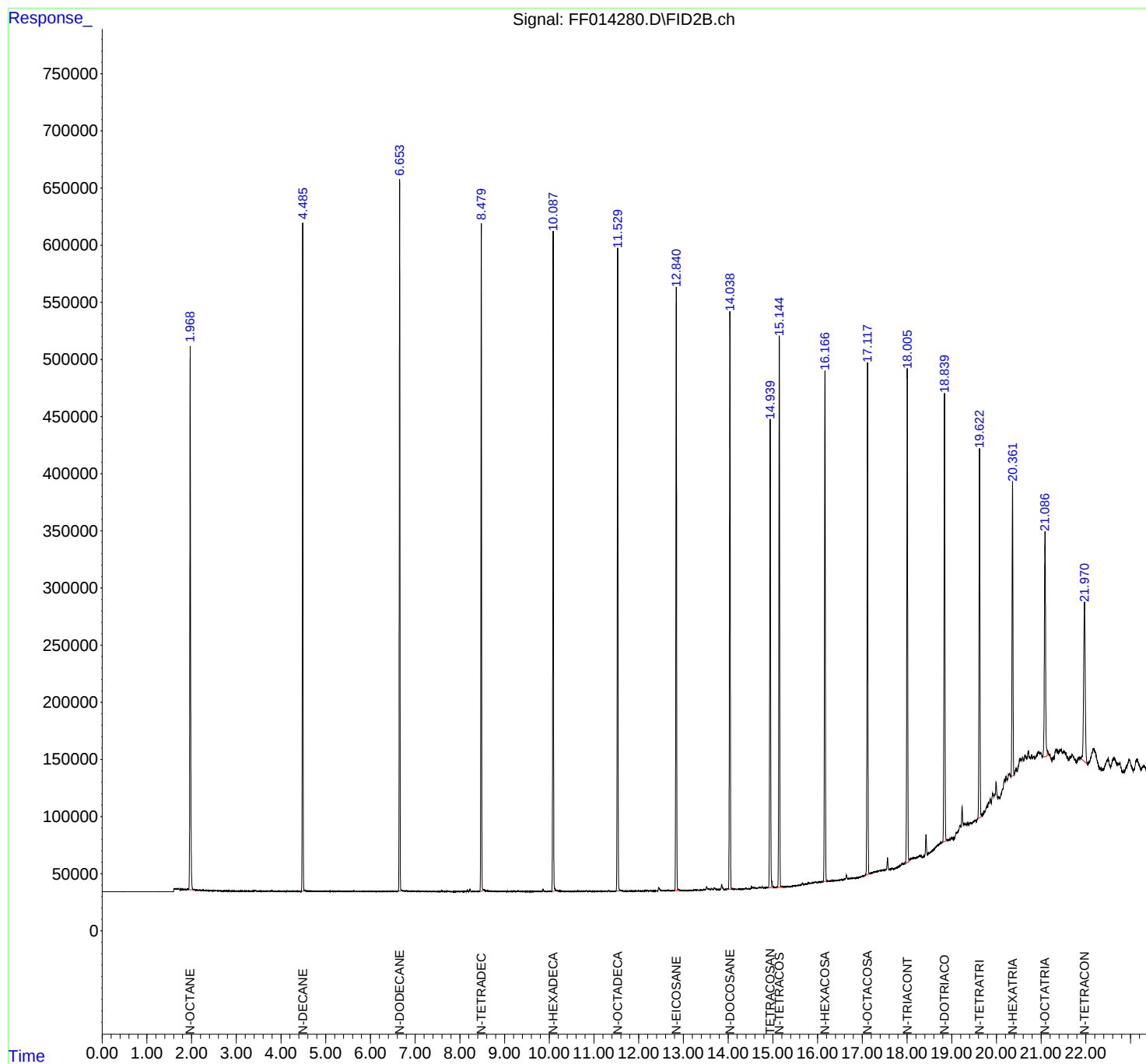
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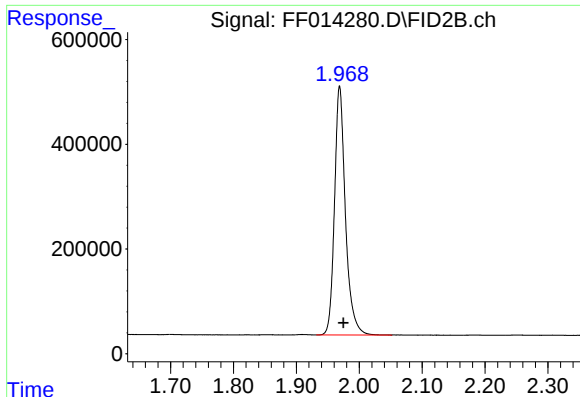
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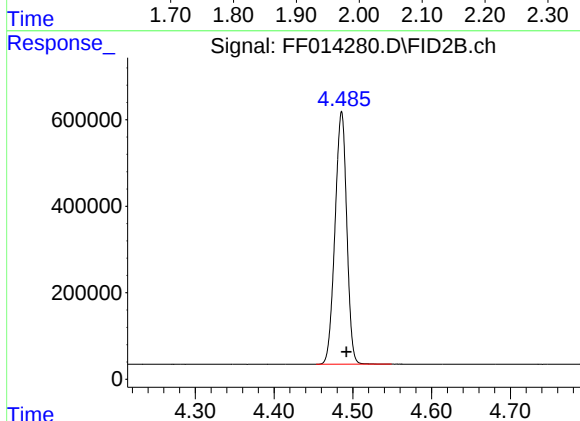
#1 N-OCTANE

R.T.: 1.969 min
Delta R.T.: -0.006 min
Response: 5727154
Conc: 49.98 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

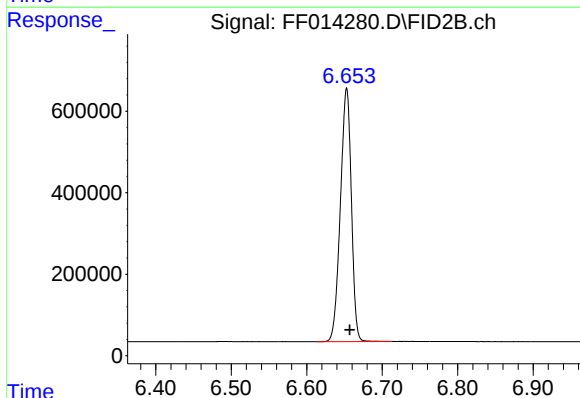
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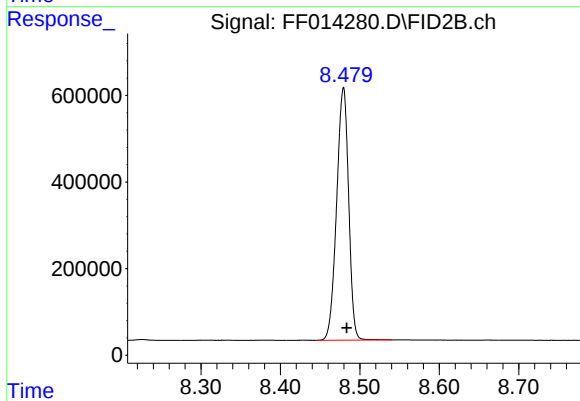
#2 N-DECANE

R.T.: 4.486 min
Delta R.T.: -0.006 min
Response: 6062091
Conc: 51.96 ug/ml



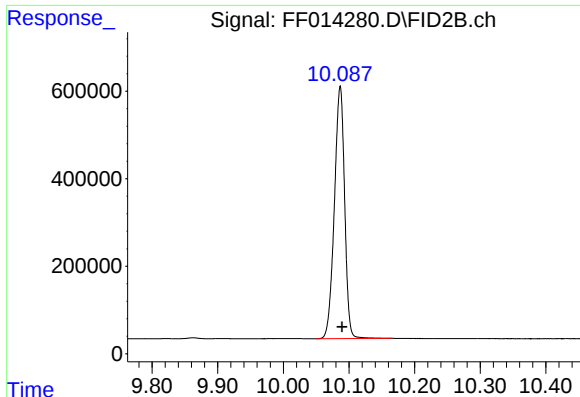
#3 N-DODECANE

R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 6279532
Conc: 54.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 6122649
Conc: 53.19 ug/ml



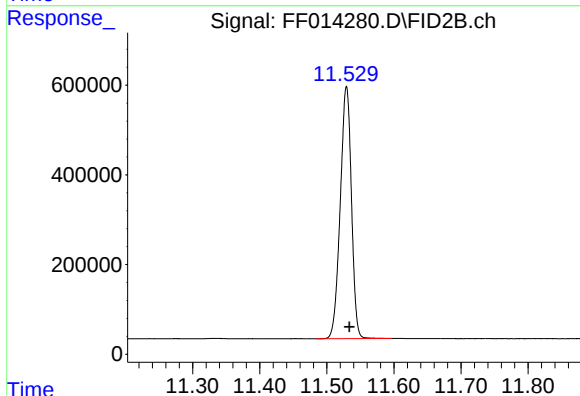
#5 N-HEXADECANE

R.T.: 10.087 min
Delta R.T.: -0.003 min
Response: 6261471
Conc: 54.85 ug/ml

Instrument :
FID_F
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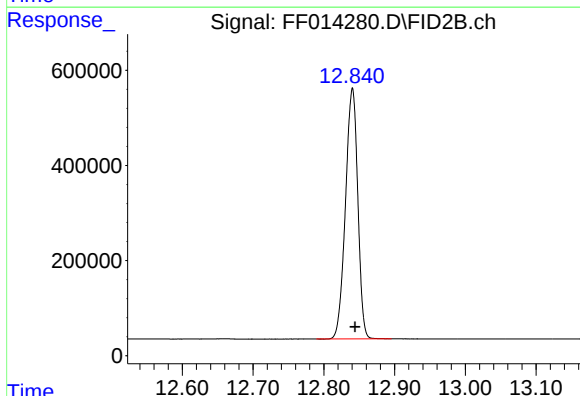
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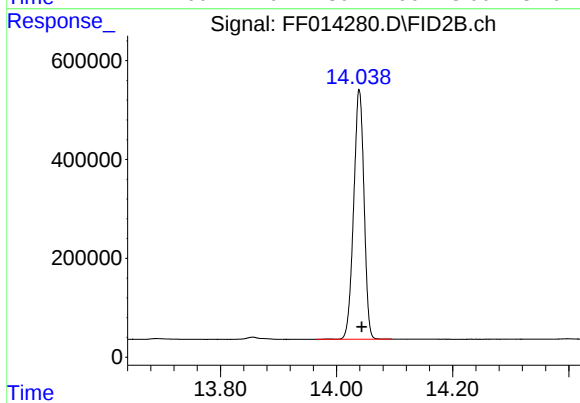
#6 N-OCTADECANE

R.T.: 11.529 min
Delta R.T.: -0.004 min
Response: 6497925
Conc: 55.02 ug/ml



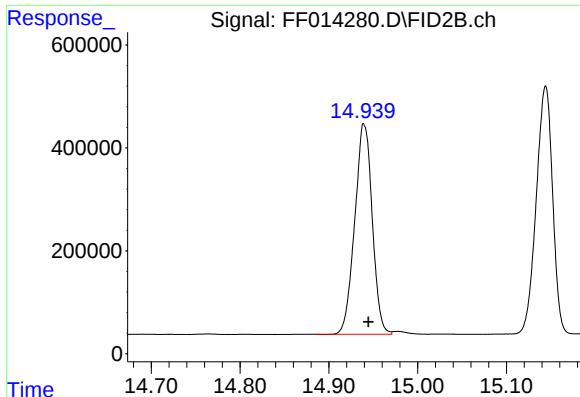
#7 N-EICOSANE

R.T.: 12.841 min
Delta R.T.: -0.004 min
Response: 6373632
Conc: 53.34 ug/ml



#8 N-DOCOSANE

R.T.: 14.039 min
Delta R.T.: -0.005 min
Response: 6256714
Conc: 54.33 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.939 min
Delta R.T.: -0.005 min
Response: 5607855
Conc: 56.11 ug/ml

Instrument :

FID_F

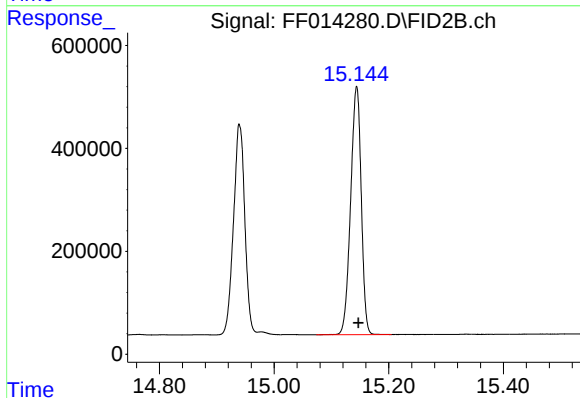
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

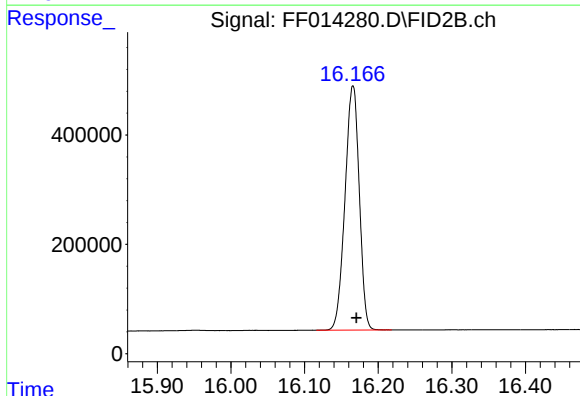
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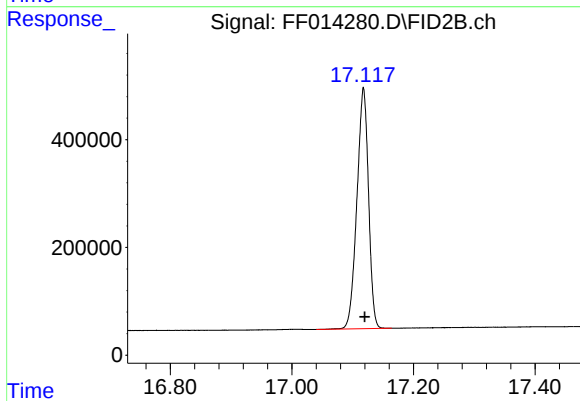
#10 N-TETRACOSANE

R.T.: 15.144 min
Delta R.T.: -0.003 min
Response: 6179136
Conc: 53.86 ug/ml



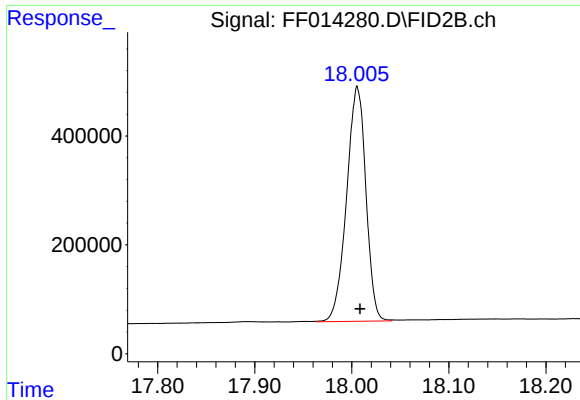
#11 N-HEXACOSANE

R.T.: 16.166 min
Delta R.T.: -0.004 min
Response: 6011940
Conc: 53.74 ug/ml



#12 N-OCTACOSANE

R.T.: 17.118 min
Delta R.T.: -0.002 min
Response: 5913481
Conc: 53.90 ug/ml



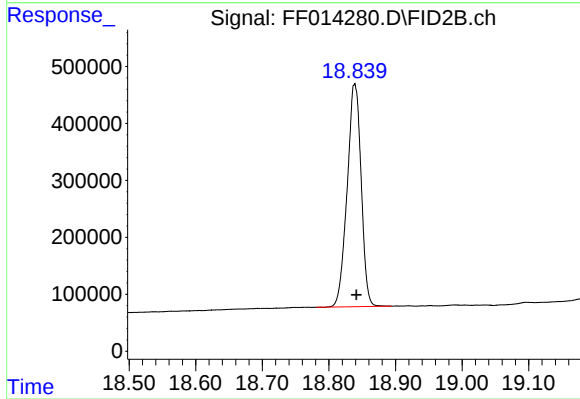
#13 N-TRIACONTANE

R.T.: 18.005 min
Delta R.T.: -0.003 min
Response: 5958722
Conc: 54.60 ug/ml

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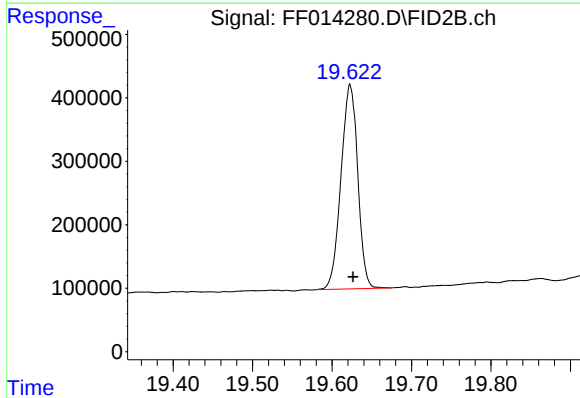
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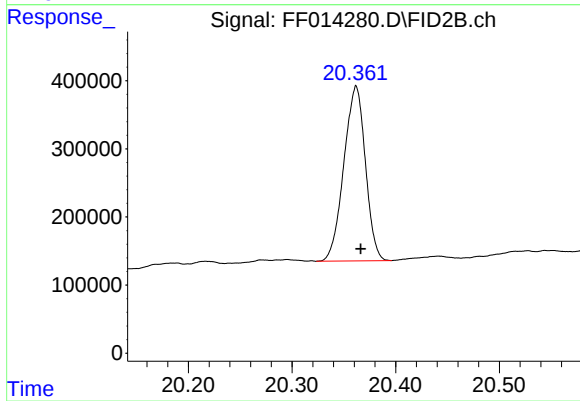
#14 N-DOTRIACONTANE

R.T.: 18.839 min
Delta R.T.: -0.003 min
Response: 5714159
Conc: 44.79 ug/ml



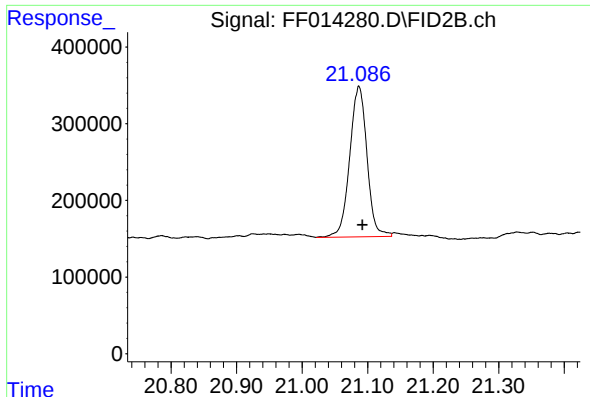
#15 N-TETRATRIACONTANE

R.T.: 19.623 min
Delta R.T.: -0.004 min
Response: 4719630
Conc: 46.52 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.362 min
Delta R.T.: -0.004 min
Response: 3706444
Conc: 38.71 ug/ml



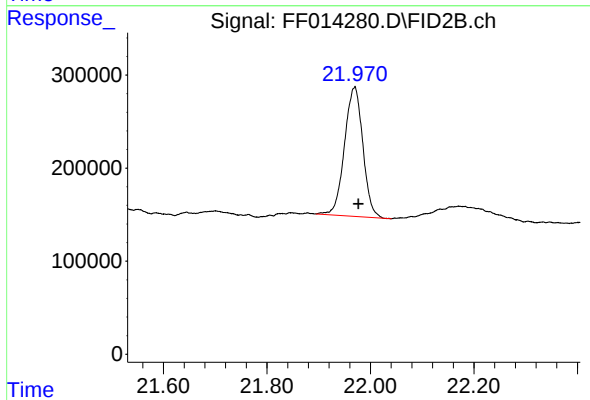
#17 N-OCTATRIACONTANE

R.T.: 21.087 min
Delta R.T.: -0.005 min
Response: 3595959
Conc: 36.68 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.970 min
Delta R.T.: -0.007 min
Response: 3426830
Conc: 37.46 ug/ml