

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122921\
 Data File : FF009588.D
 Signal(s) : FID2B.ch
 Acq On : 29 Dec 2021 10:35
 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 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 29 12:04:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Quant Title :
 QLast Update : Thu Dec 16 03:33:07 2021
 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...	14.469	5534165	47.774 ug/ml
Target Compounds			
1) N-OCTANE	2.186	8022854	57.923 ug/ml
2) N-DECANE	4.254	8258719	57.924 ug/ml
3) N-DODECANE	6.263	8099357	56.006 ug/ml
4) N-TETRADECANE	8.049	7837955	53.909 ug/ml
5) N-HEXADECANE	9.642	7436116	51.776 ug/ml
6) N-OCTADECANE	11.076	7213577	49.980 ug/ml
7) N-EICOSANE	12.380	6917330	48.810 ug/ml
8) N-DOCOSANE	13.573	6462609	47.427 ug/ml
10) N-TETRACOSANE	14.672	6296657	47.822 ug/ml
11) N-HEXACOSANE	15.689	6095118	48.768 ug/ml
12) N-OCTACOSANE	16.634	6080409	51.063 ug/ml
13) N-TRIACONTANE	17.519	6166725	53.837 ug/ml
14) N-DOTRIACONTANE	18.348	5782423	52.912 ug/ml
15) N-TETRATRIACONTANE	19.127	5353335	50.538 ug/ml
16) N-HEXATRIACONTANE	19.862	4662777	46.552 ug/mlm
17) N-OCTATRIACONTANE	20.569	3821011	38.913 ug/mlm
18) N-TETRACONTANE	21.393	2990715	29.612 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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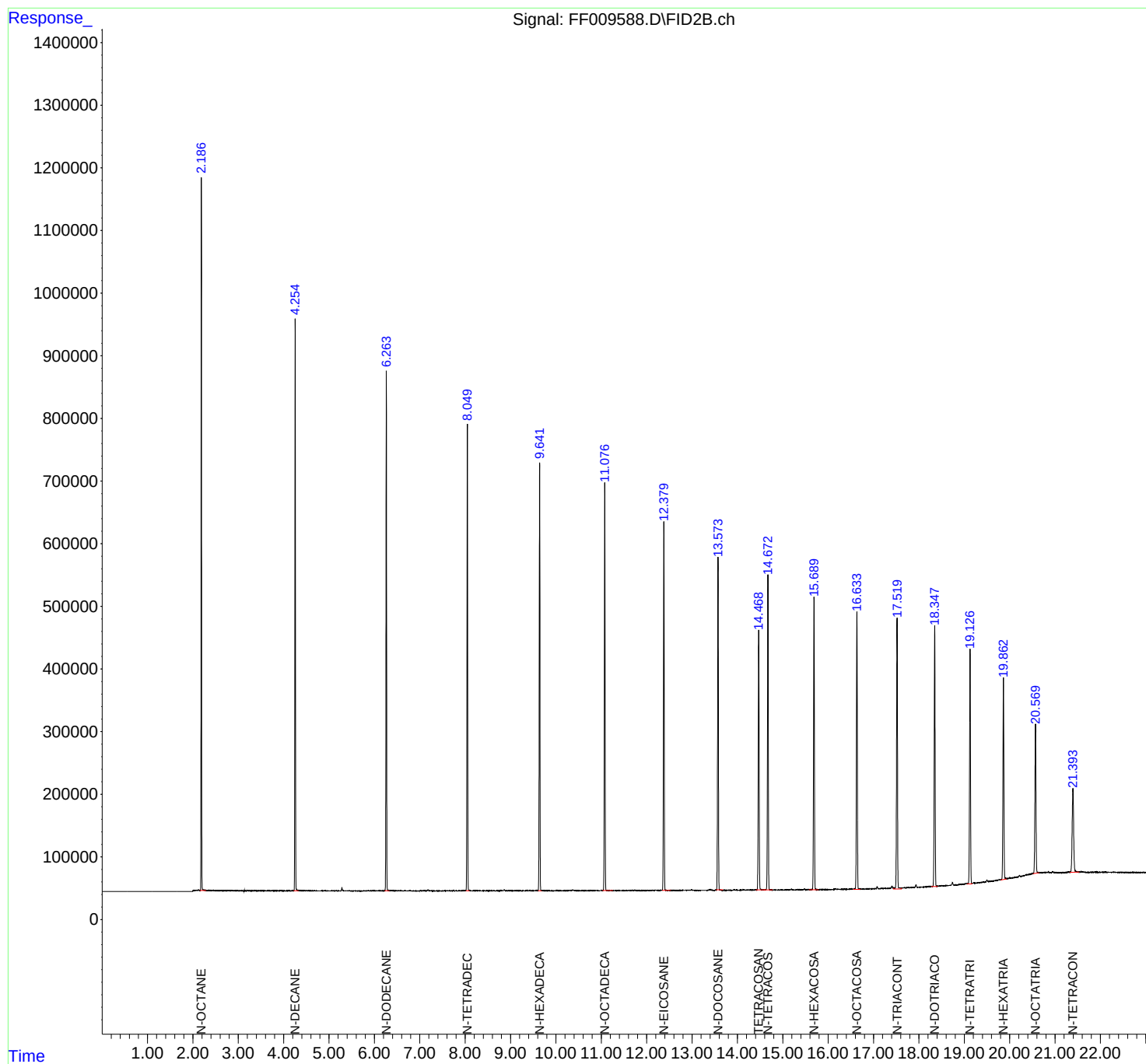
Instrument :
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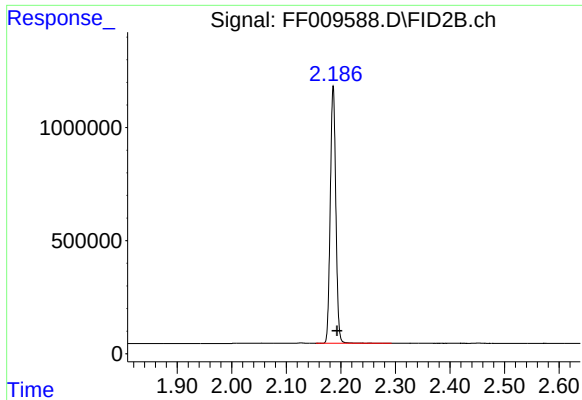
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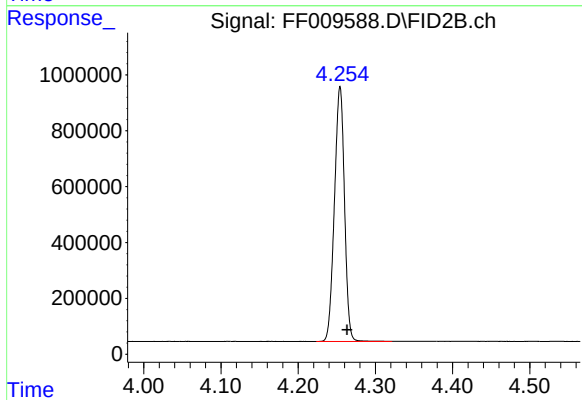
#1 N-OCTANE

R.T.: 2.186 min
Delta R.T.: -0.007 min
Response: 8022854
Conc: 57.92 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

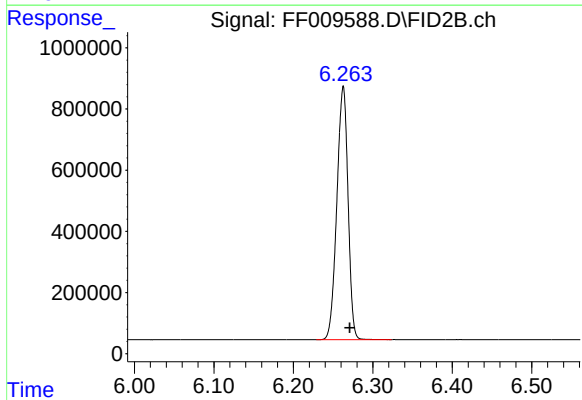
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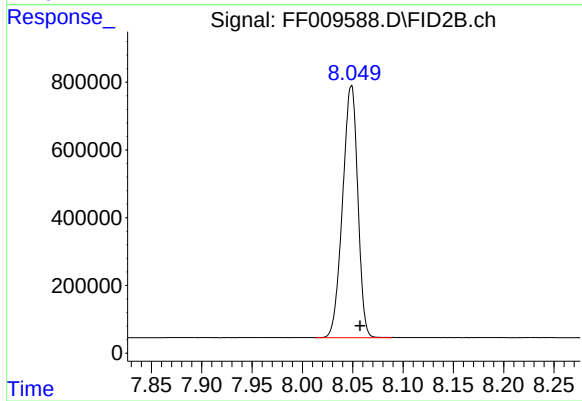
#2 N-DECANE

R.T.: 4.254 min
Delta R.T.: -0.009 min
Response: 8258719
Conc: 57.92 ug/ml



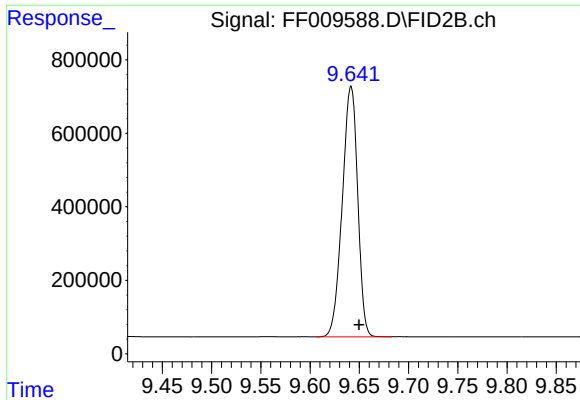
#3 N-DODECANE

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 8099357
Conc: 56.01 ug/ml



#4 N-TETRADECANE

R.T.: 8.049 min
Delta R.T.: -0.008 min
Response: 7837955
Conc: 53.91 ug/ml



#5 N-HEXADECANE

R.T.: 9.642 min
Delta R.T.: -0.008 min
Response: 7436116
Conc: 51.78 ug/ml

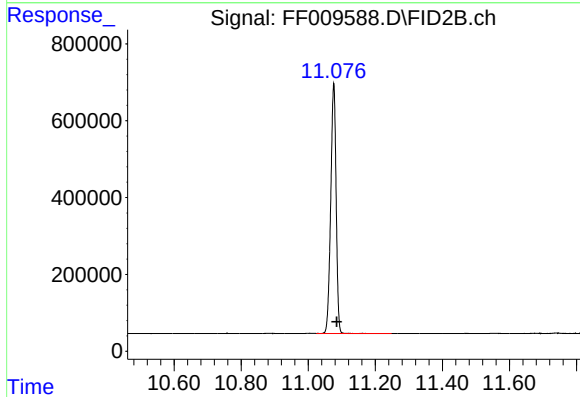
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

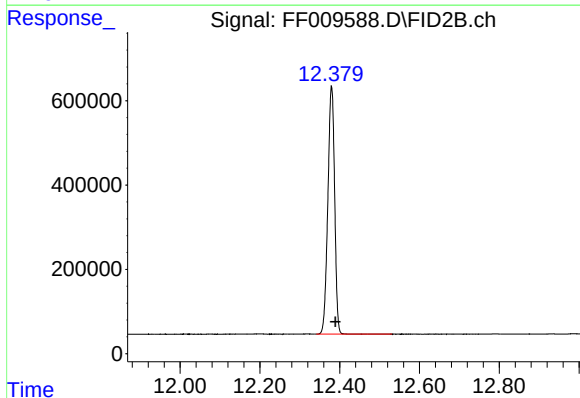
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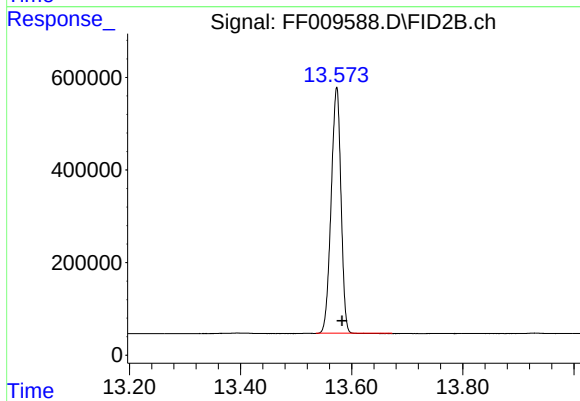
#6 N-OCTADECANE

R.T.: 11.076 min
Delta R.T.: -0.009 min
Response: 7213577
Conc: 49.98 ug/ml



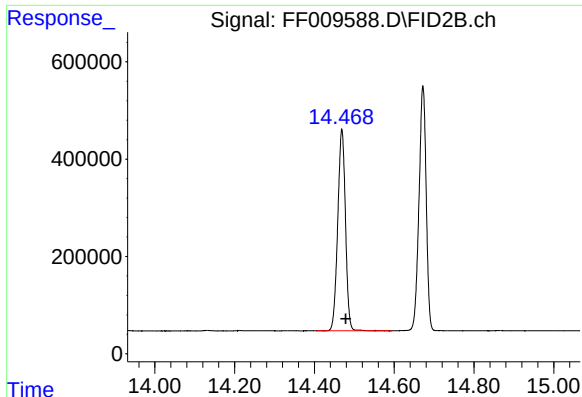
#7 N-EICOSANE

R.T.: 12.380 min
Delta R.T.: -0.010 min
Response: 6917330
Conc: 48.81 ug/ml



#8 N-DOCOSANE

R.T.: 13.573 min
Delta R.T.: -0.009 min
Response: 6462609
Conc: 47.43 ug/ml



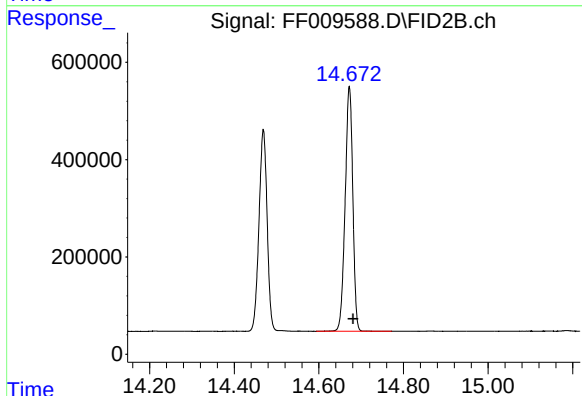
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.469 min
Delta R.T.: -0.010 min
Response: 5534165
Conc: 47.77 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

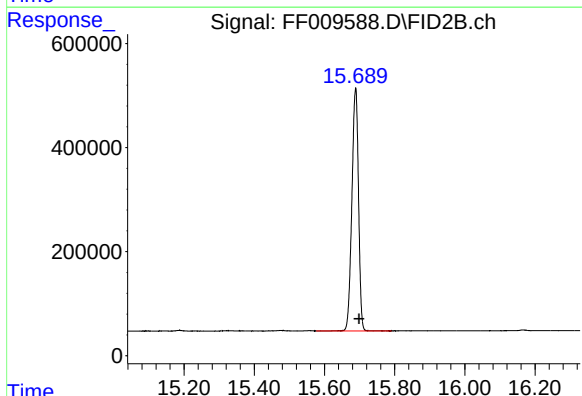
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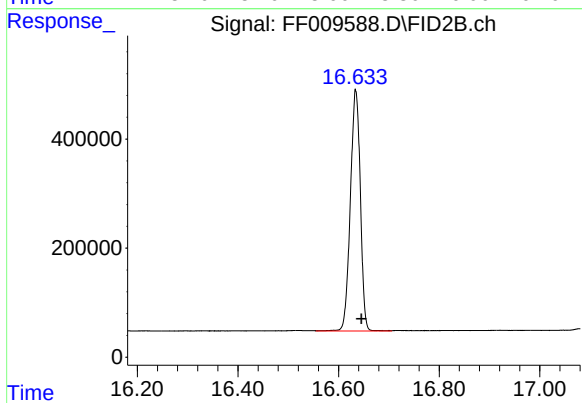
#10 N-TETRACOSANE

R.T.: 14.672 min
Delta R.T.: -0.009 min
Response: 6296657
Conc: 47.82 ug/ml



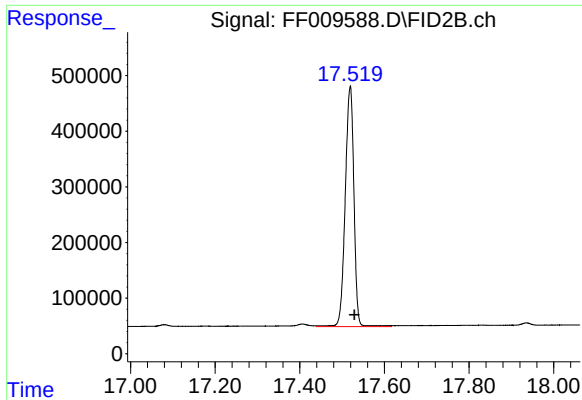
#11 N-HEXACOSANE

R.T.: 15.689 min
Delta R.T.: -0.009 min
Response: 6095118
Conc: 48.77 ug/ml



#12 N-OCTACOSANE

R.T.: 16.634 min
Delta R.T.: -0.011 min
Response: 6080409
Conc: 51.06 ug/ml



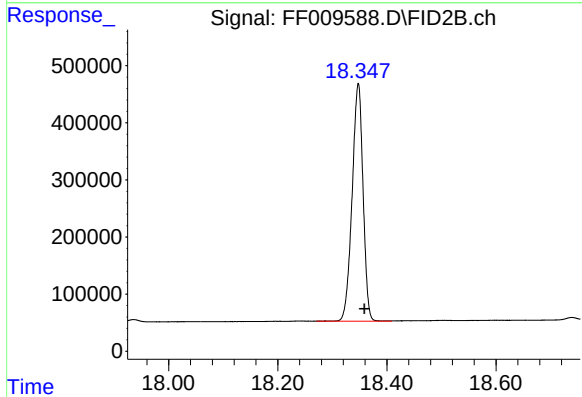
#13 N-TRIACONTANE

R.T.: 17.519 min
Delta R.T.: -0.010 min
Response: 6166725
Conc: 53.84 ug/ml

Instrument :
FID_F
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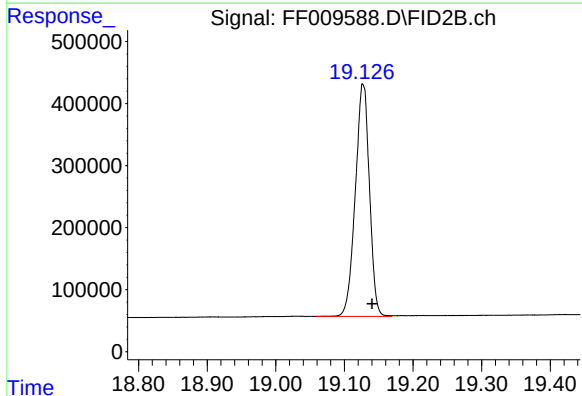
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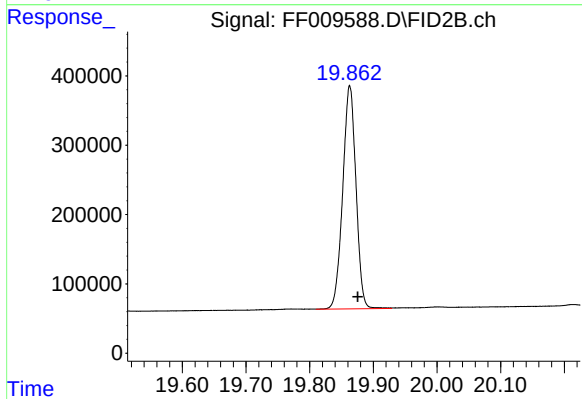
#14 N-DOTRIACONTANE

R.T.: 18.348 min
Delta R.T.: -0.011 min
Response: 5782423
Conc: 52.91 ug/ml



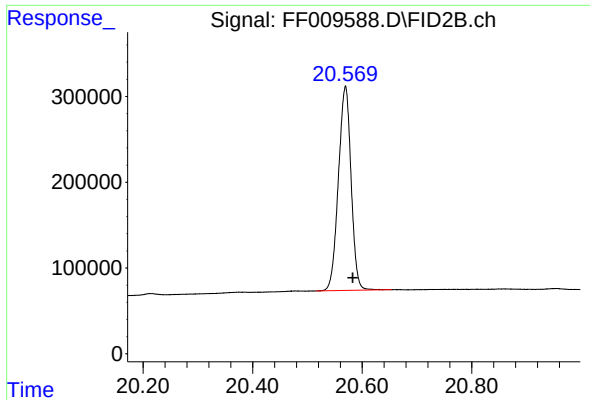
#15 N-TETRATRIACONTANE

R.T.: 19.127 min
Delta R.T.: -0.013 min
Response: 5353335
Conc: 50.54 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.862 min
Delta R.T.: -0.013 min
Response: 4662777
Conc: 46.55 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.569 min
Delta R.T.: -0.013 min
Response: 3821011
Conc: 38.91 ug/ml

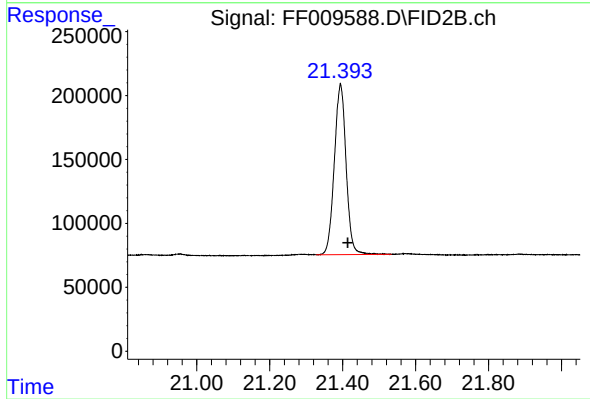
Instrument :

FID_F

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#18 N-TETRACONTANE

R.T.: 21.393 min
Delta R.T.: -0.020 min
Response: 2990715
Conc: 29.61 ug/ml m