

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050622\
 Data File : FF010563.D
 Signal(s) : FID2B.ch
 Acq On : 06 May 2022 09:41
 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 05/09/2022
 Supervised By :mohammad ahmed 05/09/2022

Integration File: autoint1.e
 Quant Time: May 08 22:51:49 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 : Rx1-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.610	5148207	41.978 ug/ml
Target Compounds			
1) N-OCTANE	2.263	6346344	48.021 ug/ml
2) N-DECANE	4.354	6449845	47.844 ug/ml
3) N-DODECANE	6.372	6423319	47.390 ug/ml
4) N-TETRADECANE	8.166	6406238	46.956 ug/ml
5) N-HEXADECANE	9.766	6358276	45.963 ug/ml
6) N-OCTADECANE	11.207	6409275	44.636 ug/ml
7) N-EICOSANE	12.516	6083224	43.431 ug/ml
8) N-DOCOSANE	13.713	5901464	42.489 ug/ml
10) N-TETRACOSANE	14.815	5787560	41.890 ug/ml
11) N-HEXACOSANE	15.836	5656694	41.802 ug/ml
12) N-OCTACOSANE	16.784	5533396	42.080 ug/ml
13) N-TRIACONTANE	17.671	5386321	42.378 ug/ml
14) N-DOTRIACONTANE	18.502	5031386	41.948 ug/ml
15) N-TETRATRIACONTANE	19.283	4465898	42.080 ug/mlm
16) N-HEXATRIACONTANE	20.020	3923182	43.414 ug/ml
17) N-OCTATRIACONTANE	20.741	3617247	44.880 ug/mlm
18) N-TETRACONTANE	21.619	3618904	45.976 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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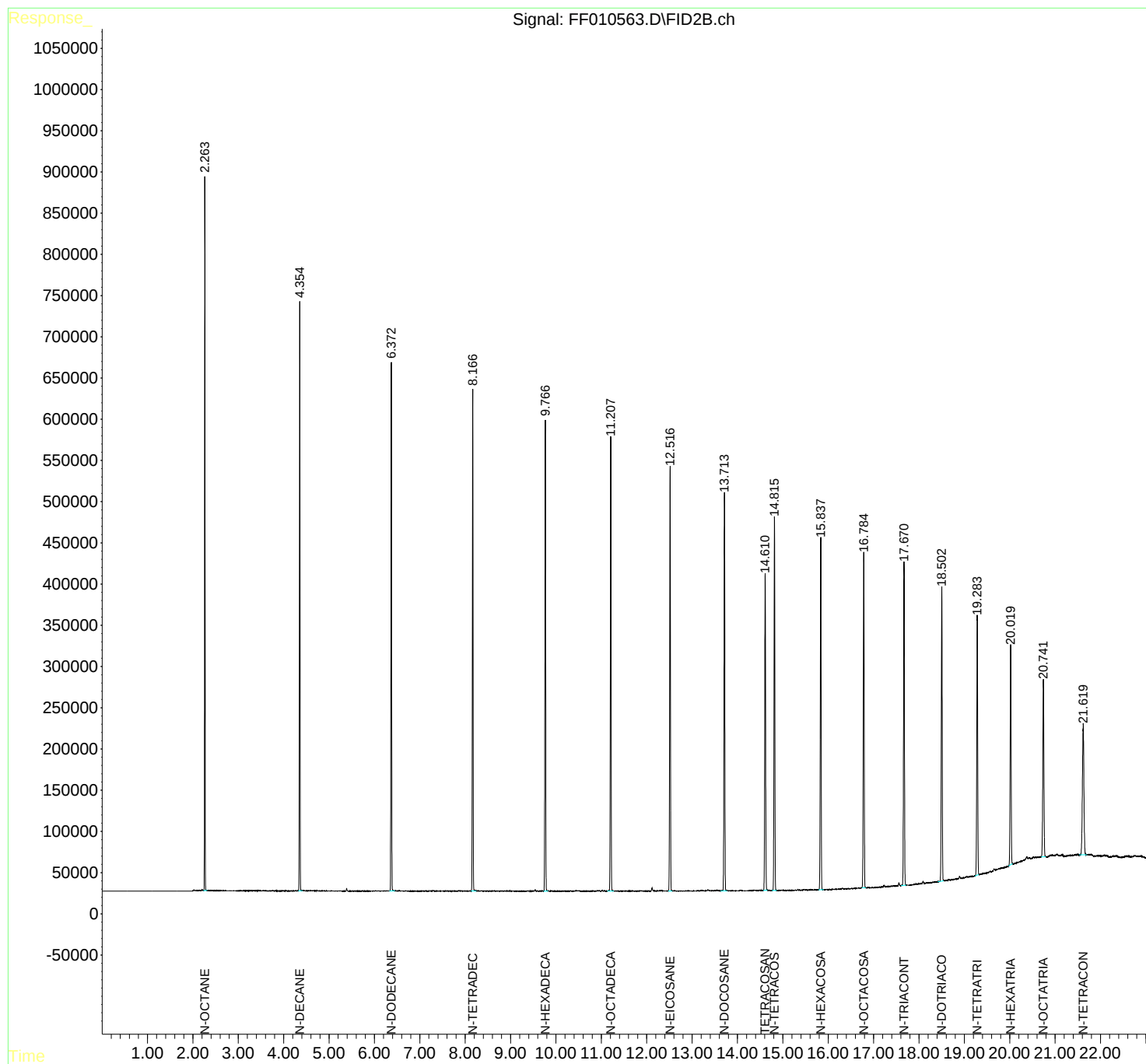
Instrument :
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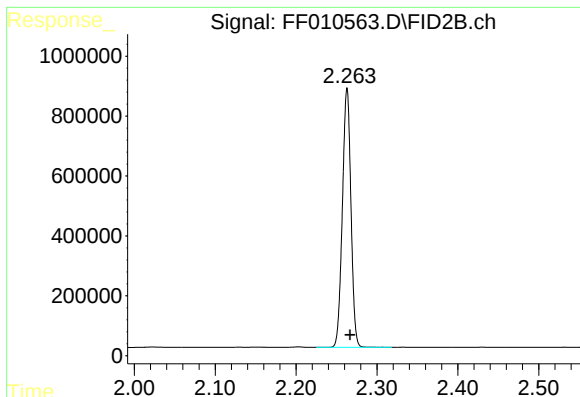
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.263 min
Delta R.T.: -0.004 min
Response: 6346344
Conc: 48.02 ug/ml

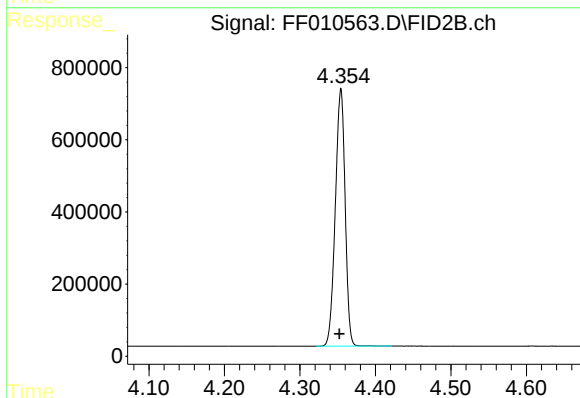
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

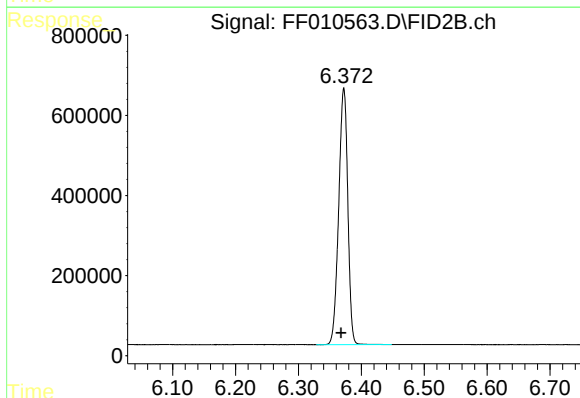
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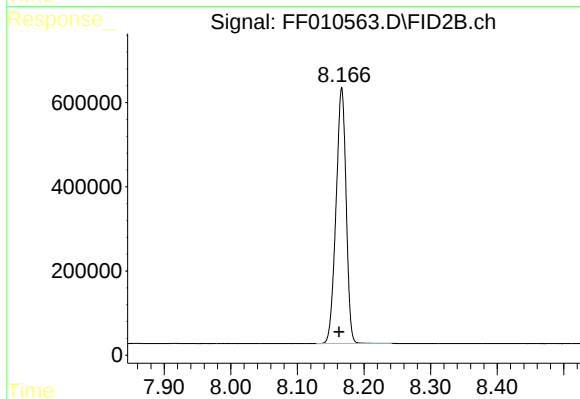
#2 N-DECANE

R.T.: 4.354 min
Delta R.T.: 0.002 min
Response: 6449845
Conc: 47.84 ug/ml



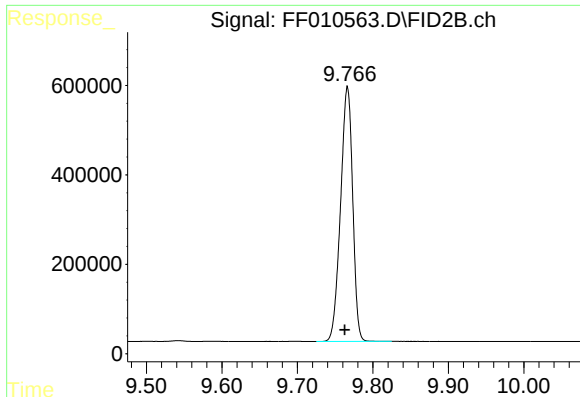
#3 N-DODECANE

R.T.: 6.372 min
Delta R.T.: 0.004 min
Response: 6423319
Conc: 47.39 ug/ml



#4 N-TETRADECANE

R.T.: 8.166 min
Delta R.T.: 0.004 min
Response: 6406238
Conc: 46.96 ug/ml



#5 N-HEXADECANE

R.T.: 9.766 min
Delta R.T.: 0.004 min
Response: 6358276
Conc: 45.96 ug/ml

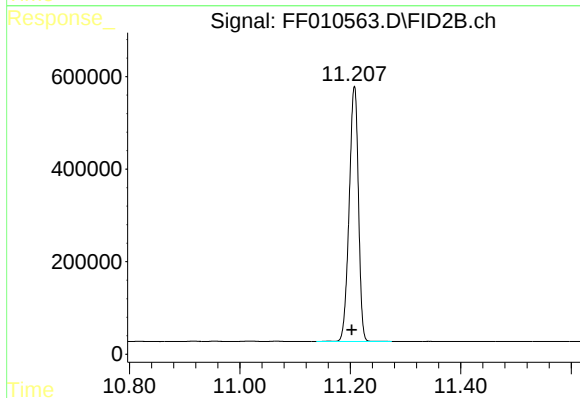
Instrument :

FID_F

ClientSampleId :
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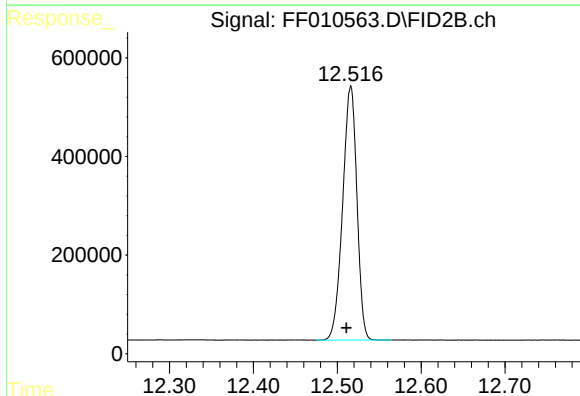
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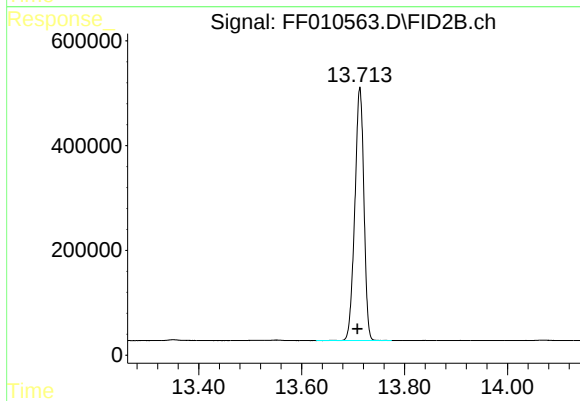
#6 N-OCTADECANE

R.T.: 11.207 min
Delta R.T.: 0.005 min
Response: 6409275
Conc: 44.64 ug/ml



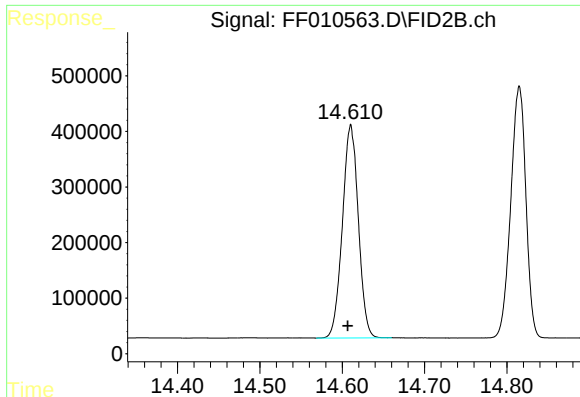
#7 N-EICOSANE

R.T.: 12.516 min
Delta R.T.: 0.005 min
Response: 6083224
Conc: 43.43 ug/ml



#8 N-DOCOSANE

R.T.: 13.713 min
Delta R.T.: 0.005 min
Response: 5901464
Conc: 42.49 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.610 min
Delta R.T.: 0.004 min
Response: 5148207
Conc: 41.98 ug/ml

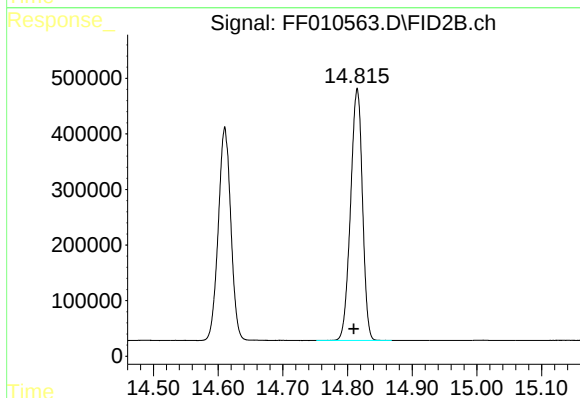
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

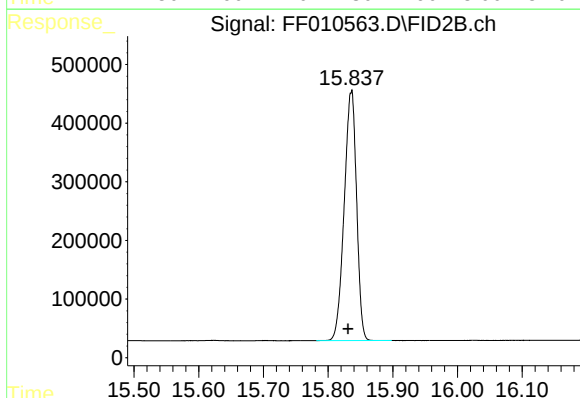
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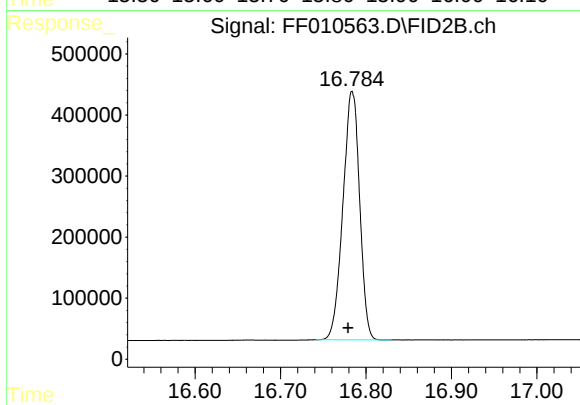
#10 N-TETRACOSANE

R.T.: 14.815 min
Delta R.T.: 0.005 min
Response: 5787560
Conc: 41.89 ug/ml



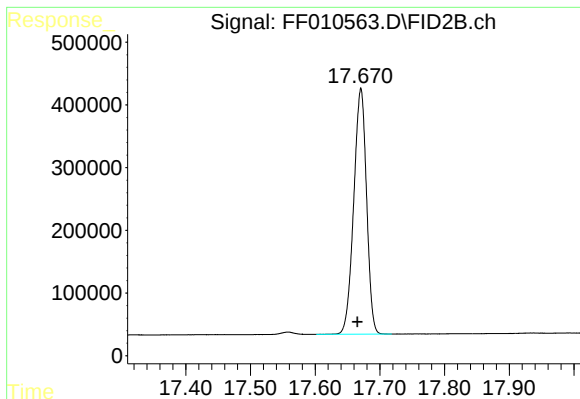
#11 N-HEXACOSANE

R.T.: 15.836 min
Delta R.T.: 0.005 min
Response: 5656694
Conc: 41.80 ug/ml



#12 N-OCTACOSANE

R.T.: 16.784 min
Delta R.T.: 0.005 min
Response: 5533396
Conc: 42.08 ug/ml



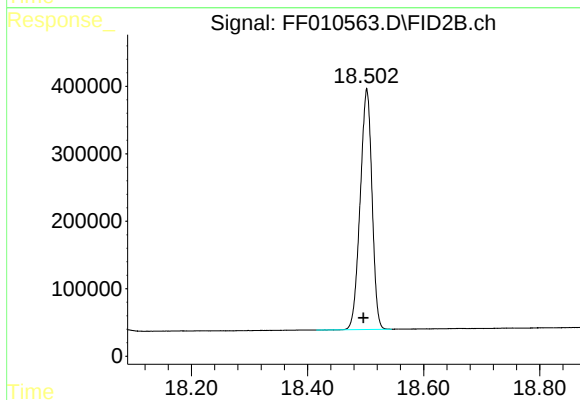
#13 N-TRIACONTANE

R.T.: 17.671 min
Delta R.T.: 0.006 min
Response: 5386321
Conc: 42.38 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

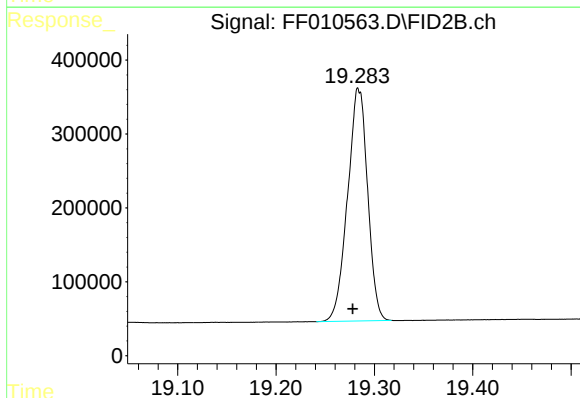
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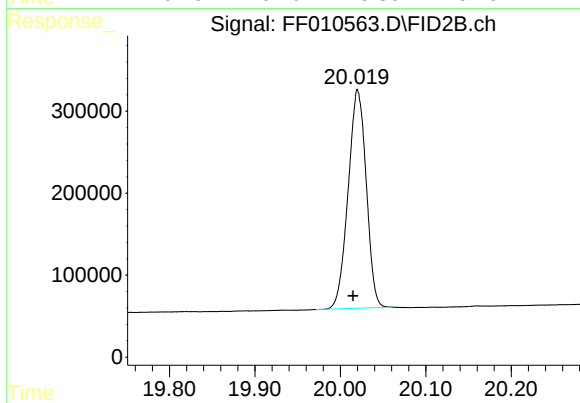
#14 N-DOTRIACONTANE

R.T.: 18.502 min
Delta R.T.: 0.006 min
Response: 5031386
Conc: 41.95 ug/ml



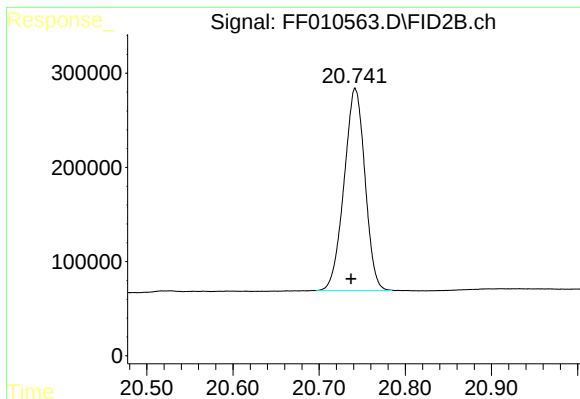
#15 N-TETRATRIACONTANE

R.T.: 19.283 min
Delta R.T.: 0.005 min
Response: 4465898
Conc: 42.08 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.020 min
Delta R.T.: 0.005 min
Response: 3923182
Conc: 43.41 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.741 min
Delta R.T.: 0.004 min
Response: 3617247
Conc: 44.88 ug/ml

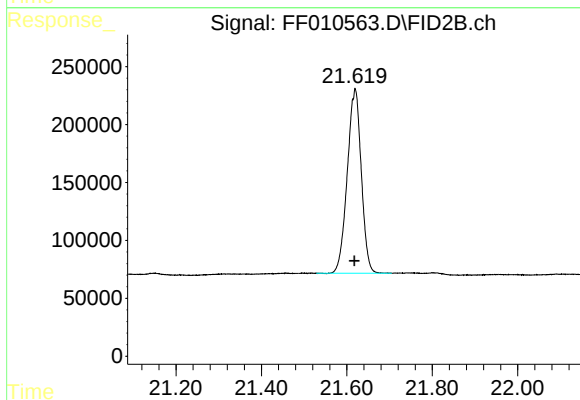
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.619 min
Delta R.T.: 0.001 min
Response: 3618904
Conc: 45.98 ug/ml