

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083123\
 Data File : FG012841.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 09:24
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:15:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 2023
 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...	15.085	6122109	54.727 ug/ml
Target Compounds			
1) N-OCTANE	2.081	7150584	58.078 ug/ml
2) N-DECANE	4.601	7550387	59.434 ug/ml
3) N-DODECANE	6.775	7569477	58.931 ug/ml
4) N-TETRADECANE	8.607	7516140	58.346 ug/ml
5) N-HEXADECANE	10.221	7487459	57.716 ug/ml
6) N-OCTADECANE	11.668	7477999	57.015 ug/ml
7) N-EICOSANE	12.982	7257161	56.424 ug/ml
8) N-DOCOSANE	14.184	7007568	55.407 ug/ml
10) N-TETRACOSANE	15.291	6892467	54.500 ug/ml
11) N-HEXACOSANE	16.312	6677905	53.348 ug/ml
12) N-OCTACOSANE	17.265	6532317	53.150 ug/ml
13) N-TRIACONTANE	18.153	6302496	53.216 ug/ml
14) N-DOTRIACONTANE	18.987	5741097	51.122 ug/ml
15) N-TETRATRIACONTANE	19.771	4949962	52.257 ug/ml
16) N-HEXATRIACONTANE	20.509	4142318	51.046 ug/mlm
17) N-OCTATRIACONTANE	21.268	3714136	51.432 ug/ml
18) N-TETRACONTANE	22.218	3630800	52.108 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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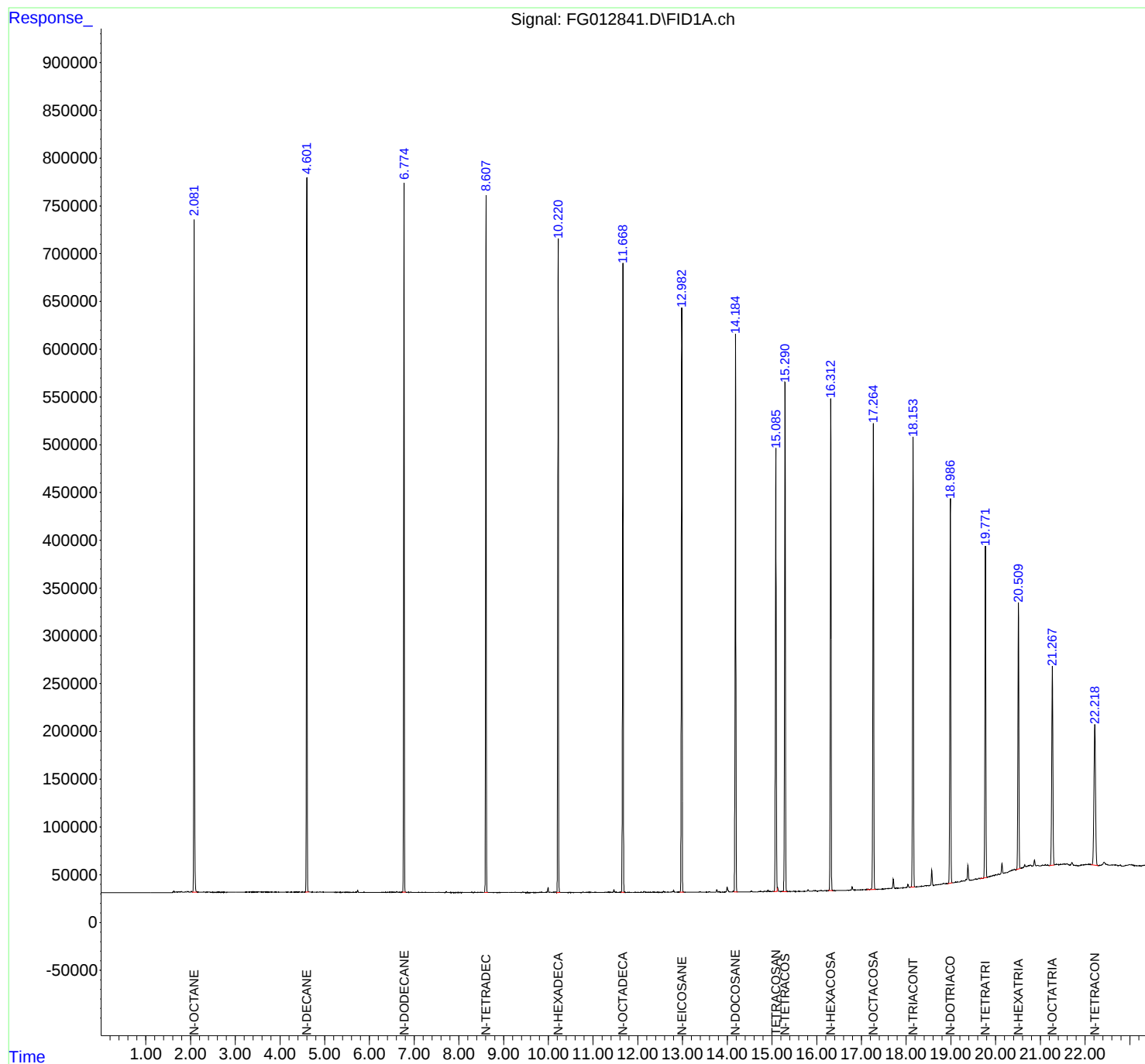
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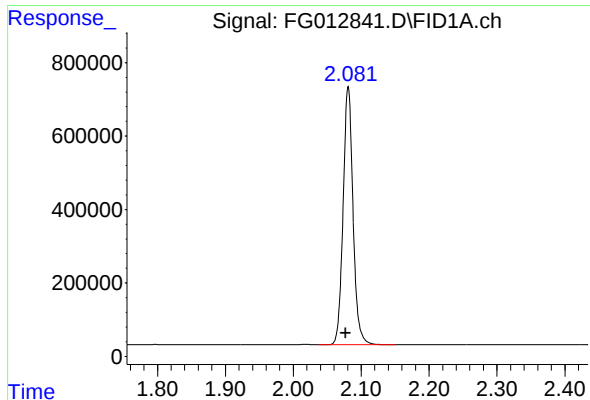
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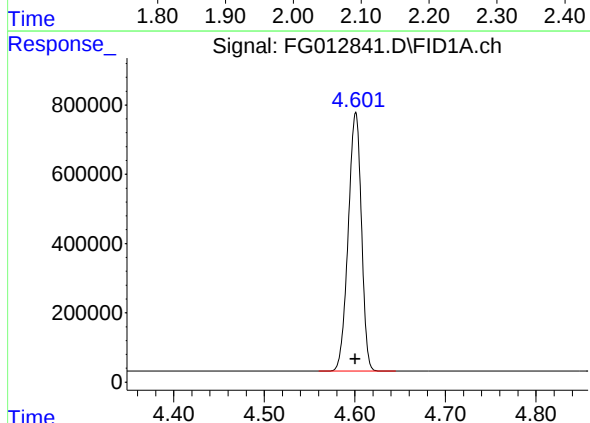
#1 N-OCTANE

R.T.: 2.081 min
Delta R.T.: 0.004 min
Response: 7150584
Conc: 58.08 ug/ml

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50 PPM TRPH STD

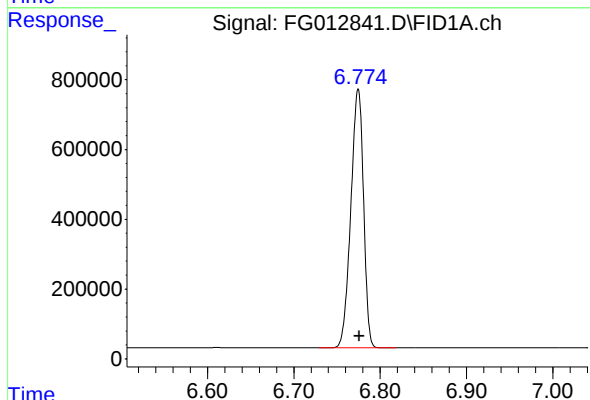
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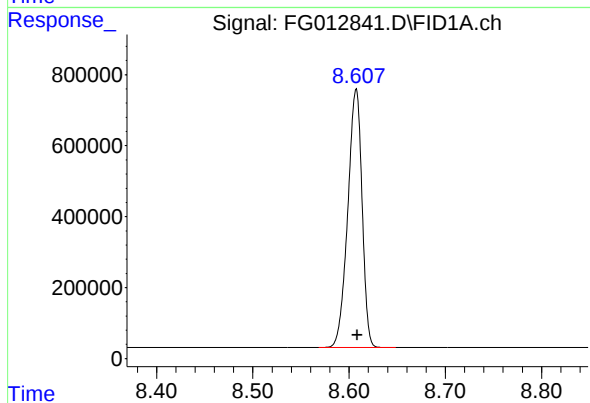
#2 N-DECANE

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 7550387
Conc: 59.43 ug/ml



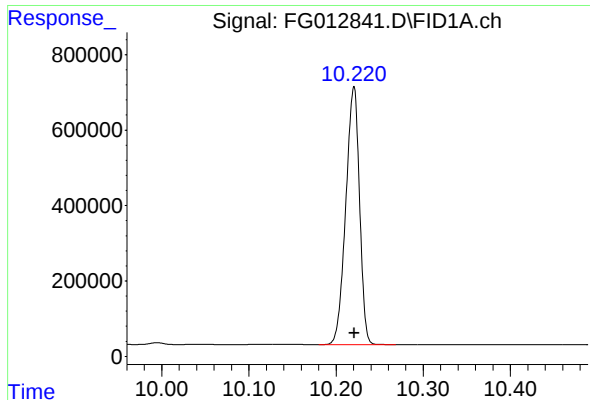
#3 N-DODECANE

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 7569477
Conc: 58.93 ug/ml



#4 N-TETRADECANE

R.T.: 8.607 min
Delta R.T.: -0.001 min
Response: 7516140
Conc: 58.35 ug/ml



#5 N-HEXADECANE

R.T.: 10.221 min
Delta R.T.: 0.000 min
Response: 7487459
Conc: 57.72 ug/ml

Instrument :

FID_G

ClientSampleId :

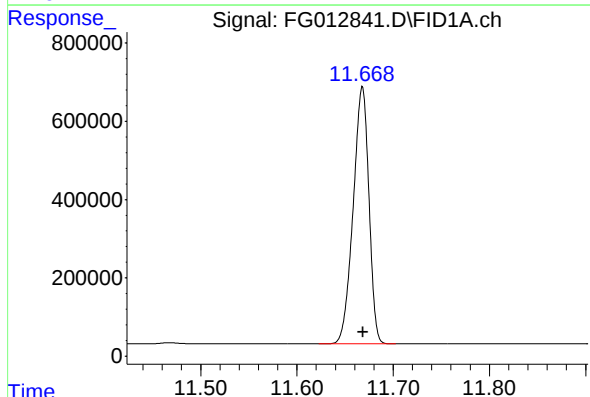
50 PPM TRPH STD

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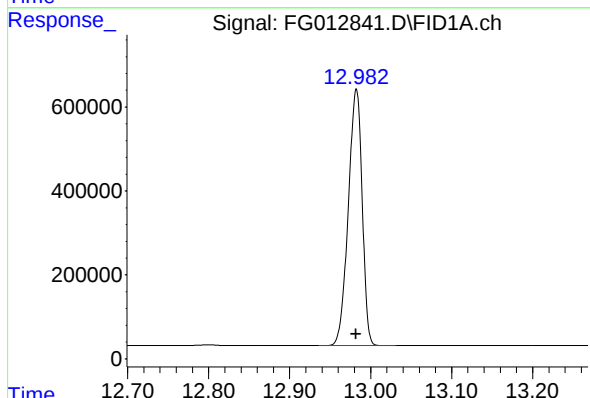
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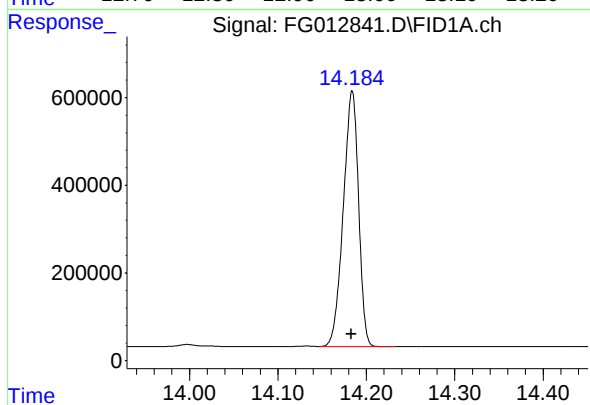
#6 N-OCTADECANE

R.T.: 11.668 min
Delta R.T.: 0.000 min
Response: 7477999
Conc: 57.01 ug/ml



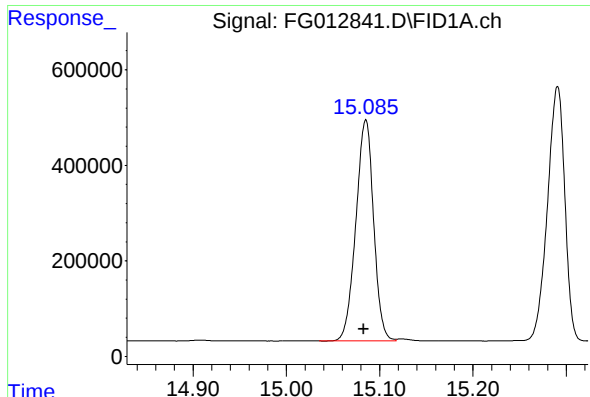
#7 N-EICOSANE

R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 7257161
Conc: 56.42 ug/ml



#8 N-DOCOSANE

R.T.: 14.184 min
Delta R.T.: 0.000 min
Response: 7007568
Conc: 55.41 ug/ml



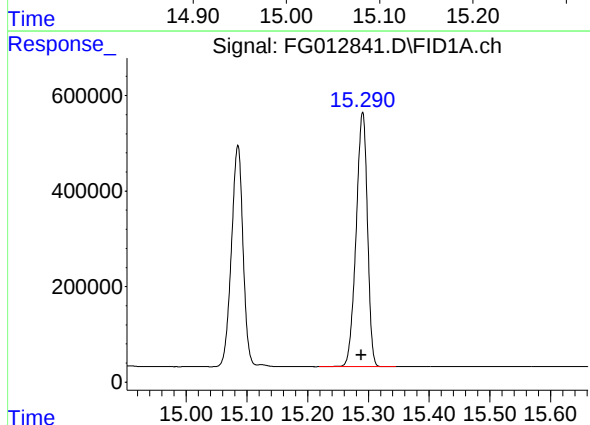
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.085 min
Delta R.T.: 0.003 min
Response: 6122109
Conc: 54.73 ug/ml

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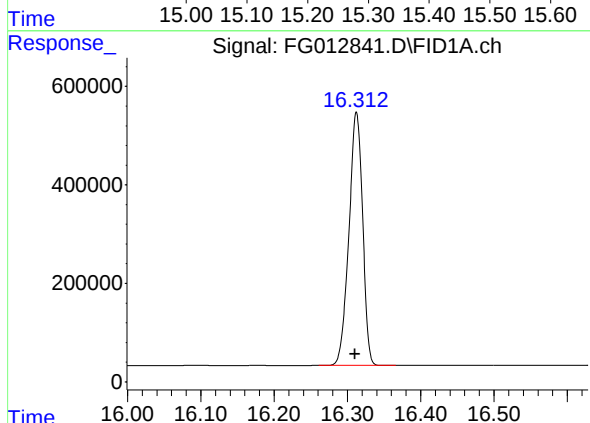
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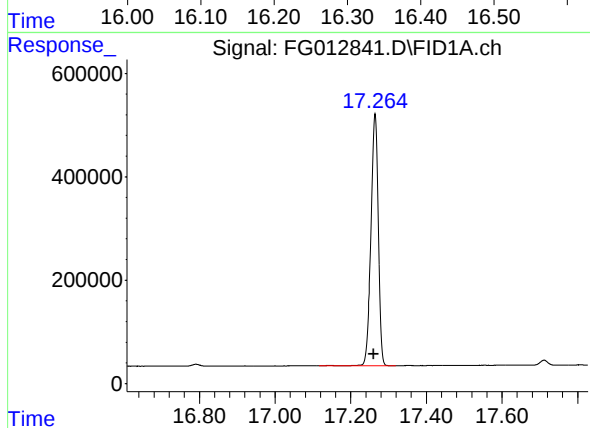
#10 N-TETRACOSANE

R.T.: 15.291 min
Delta R.T.: 0.002 min
Response: 6892467
Conc: 54.50 ug/ml



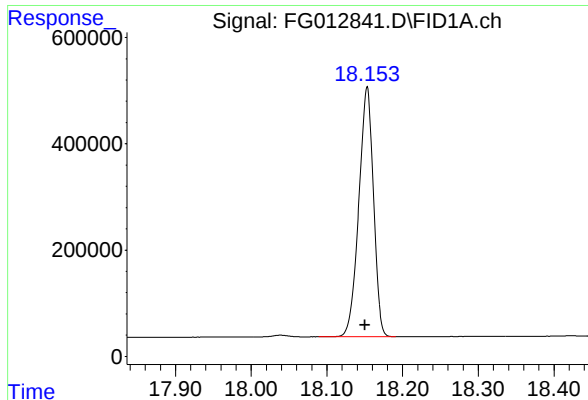
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: 0.002 min
Response: 6677905
Conc: 53.35 ug/ml



#12 N-OCTACOSANE

R.T.: 17.265 min
Delta R.T.: 0.003 min
Response: 6532317
Conc: 53.15 ug/ml



#13 N-TRIACONTANE

R.T.: 18.153 min
Delta R.T.: 0.003 min
Response: 6302496
Conc: 53.22 ug/ml

Instrument :

FID_G

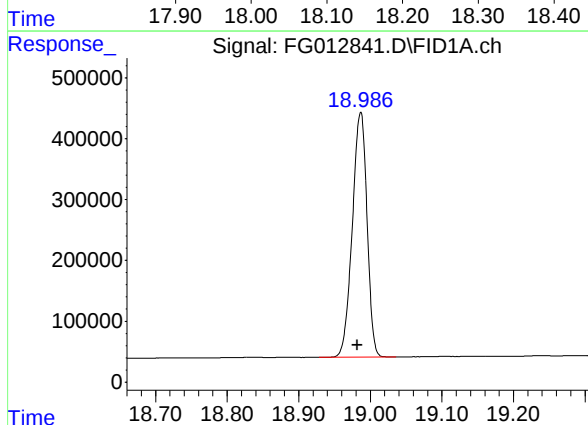
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50 PPM TRPH STD

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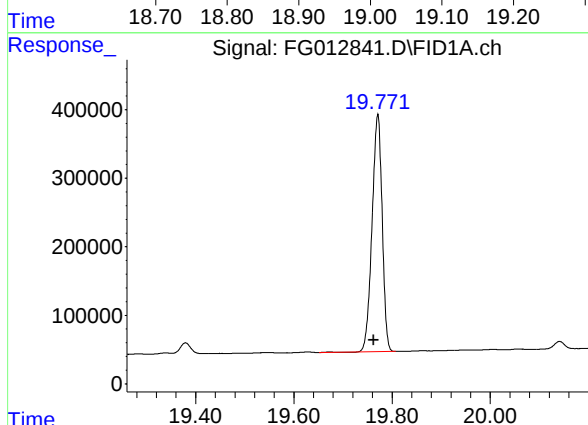
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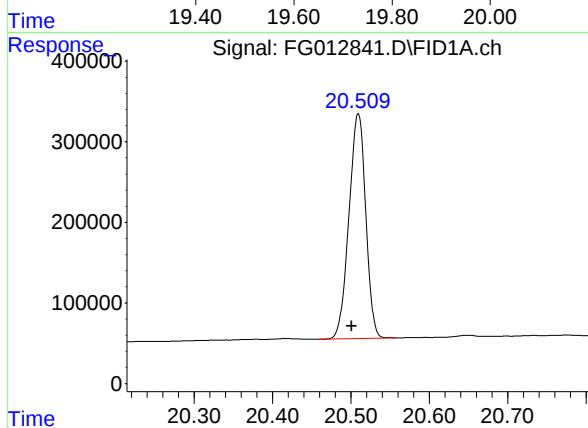
#14 N-DOTRIACONTANE

R.T.: 18.987 min
Delta R.T.: 0.005 min
Response: 5741097
Conc: 51.12 ug/ml



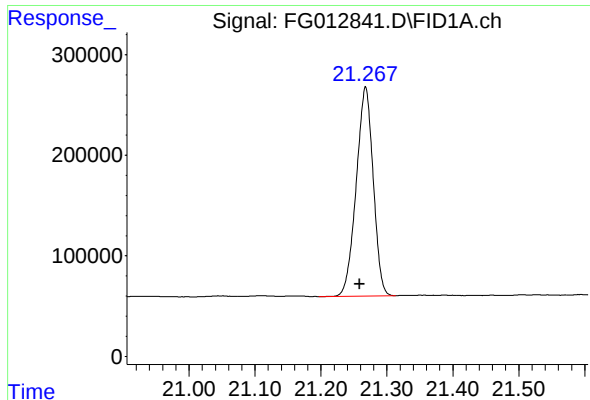
#15 N-TETRATRIACONTANE

R.T.: 19.771 min
Delta R.T.: 0.008 min
Response: 4949962
Conc: 52.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.509 min
Delta R.T.: 0.008 min
Response: 4142318
Conc: 51.05 ug/ml m



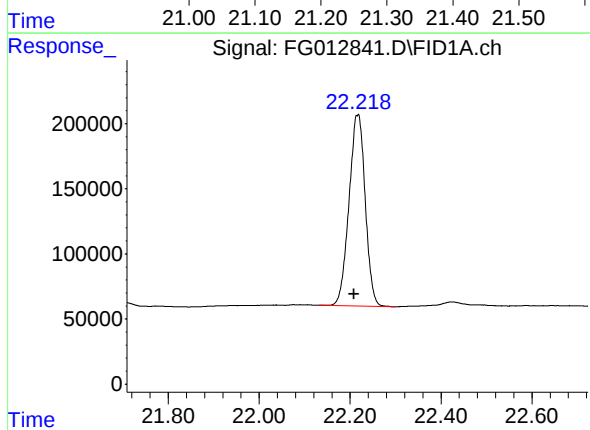
#17 N-OCTATRIACONTANE

R.T.: 21.268 min
Delta R.T.: 0.009 min
Response: 3714136
Conc: 51.43 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.218 min
Delta R.T.: 0.009 min
Response: 3630800
Conc: 52.11 ug/ml