

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072823\
 Data File : FG012578.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2023 18:08
 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 07/31/2023
 Supervised By :Ankita Jodhani 07/31/2023

Integration File: autoint1.e
 Quant Time: Jul 29 03:40:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 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...	14.977	5891560	55.131 ug/ml
Target Compounds			
1) N-OCTANE	2.003	6830519	56.850 ug/mlm
2) N-DECANE	4.514	7205775	59.117 ug/ml
3) N-DODECANE	6.685	7159698	58.443 ug/ml
4) N-TETRADECANE	8.514	7006211	58.958 ug/ml
5) N-HEXADECANE	10.122	7011703	55.920 ug/ml
6) N-OCTADECANE	11.567	7035318	54.767 ug/ml
7) N-EICOSANE	12.878	6876159	54.437 ug/ml
8) N-DOCOSANE	14.077	6706582	54.583 ug/ml
10) N-TETRACOSANE	15.182	6845040	51.739 ug/ml
11) N-HEXACOSANE	16.203	6541822	55.902 ug/ml
12) N-OCTACOSANE	17.155	6432966	56.343 ug/ml
13) N-TRIACONTANE	18.043	6245136	56.317 ug/ml
14) N-DOTRIACONTANE	18.877	5872297	56.185 ug/ml
15) N-TETRATRIACONTANE	19.661	5526670	56.130 ug/ml
16) N-HEXATRIACONTANE	20.401	5171845	55.916 ug/ml
17) N-OCTATRIACONTANE	21.136	5031516	56.425 ug/ml
18) N-TETRACONTANE	22.041	4896955	55.161 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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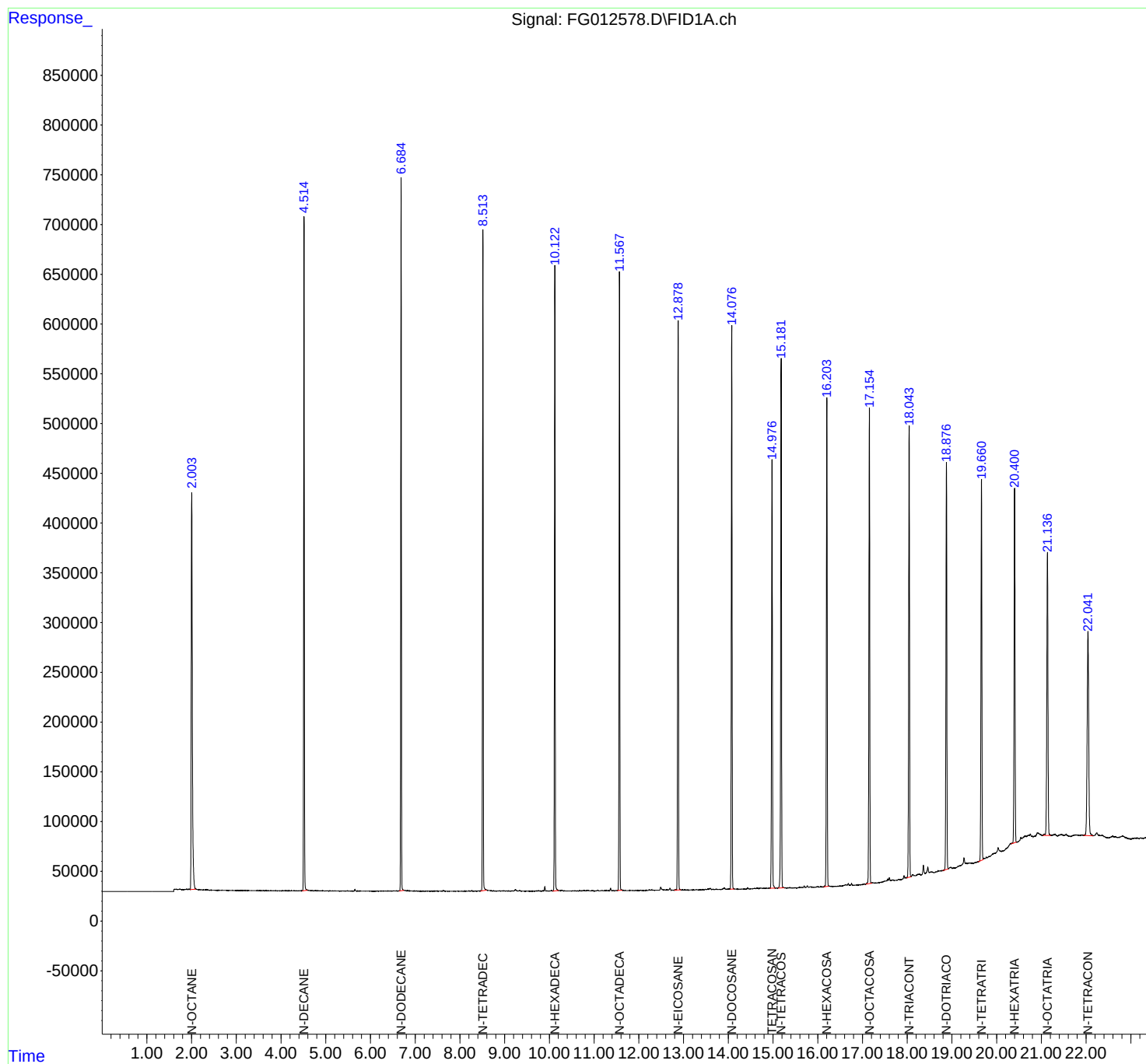
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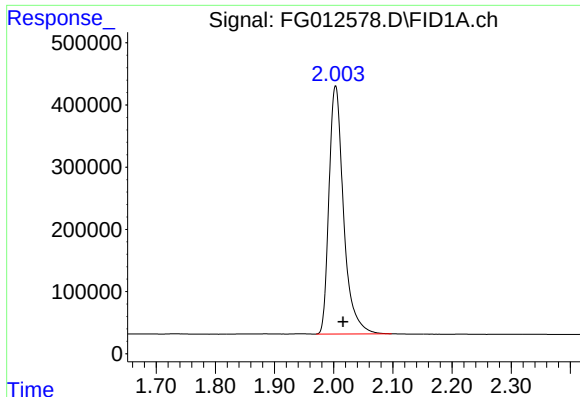
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.003 min
Delta R.T.: -0.013 min
Response: 6830519
Conc: 56.85 ug/ml

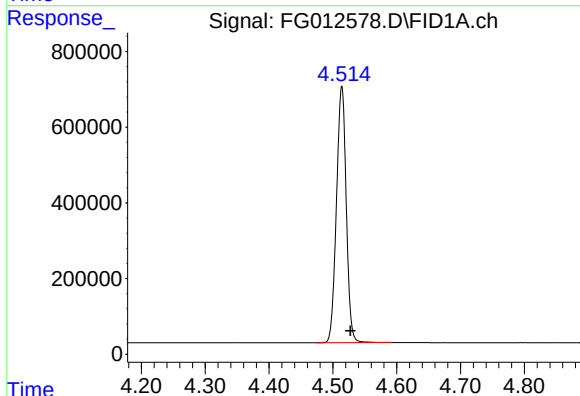
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

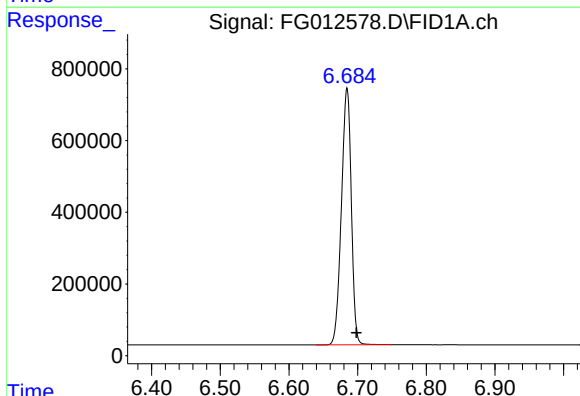
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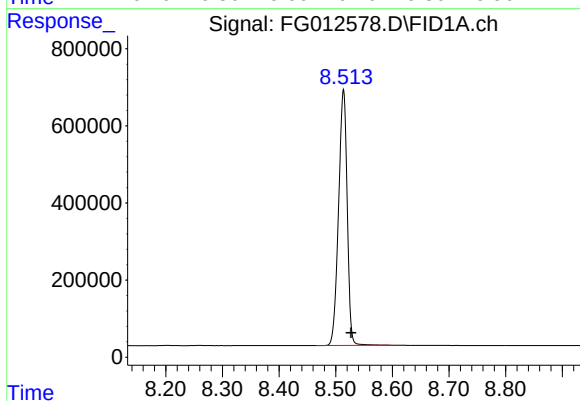
#2 N-DECANE

R.T.: 4.514 min
Delta R.T.: -0.014 min
Response: 7205775
Conc: 59.12 ug/ml



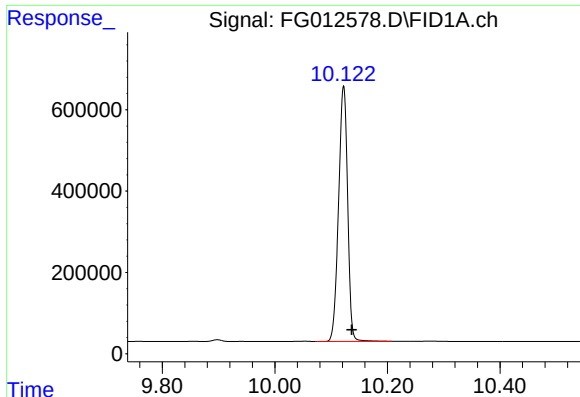
#3 N-DODECANE

R.T.: 6.685 min
Delta R.T.: -0.014 min
Response: 7159698
Conc: 58.44 ug/ml



#4 N-TETRADECANE

R.T.: 8.514 min
Delta R.T.: -0.014 min
Response: 7006211
Conc: 58.96 ug/ml



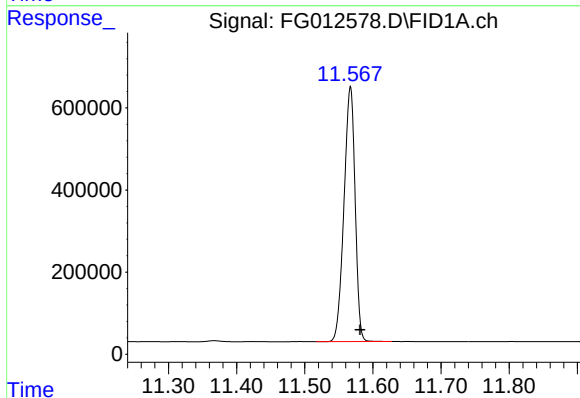
#5 N-HEXADECANE

R.T.: 10.122 min
Delta R.T.: -0.015 min
Response: 7011703
Conc: 55.92 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

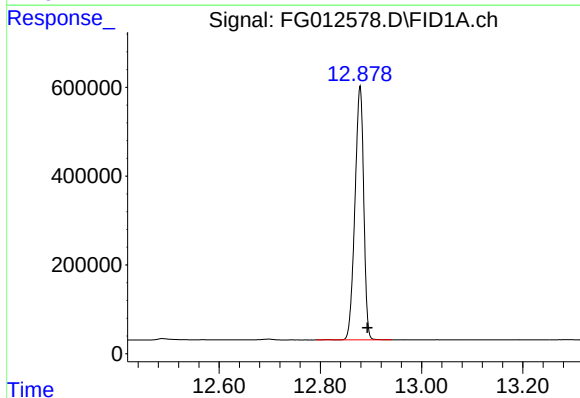
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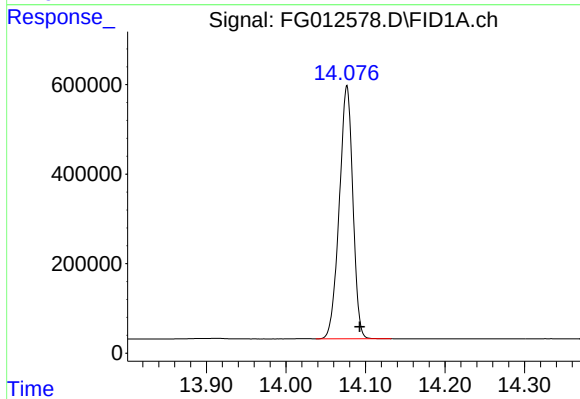
#6 N-OCTADECANE

R.T.: 11.567 min
Delta R.T.: -0.014 min
Response: 7035318
Conc: 54.77 ug/ml



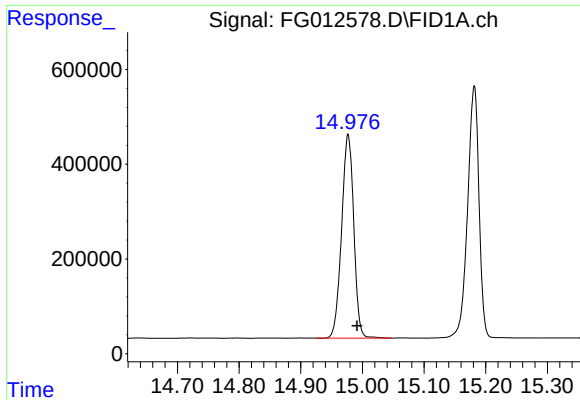
#7 N-EICOSANE

R.T.: 12.878 min
Delta R.T.: -0.014 min
Response: 6876159
Conc: 54.44 ug/ml



#8 N-DOCOSANE

R.T.: 14.077 min
Delta R.T.: -0.016 min
Response: 6706582
Conc: 54.58 ug/ml



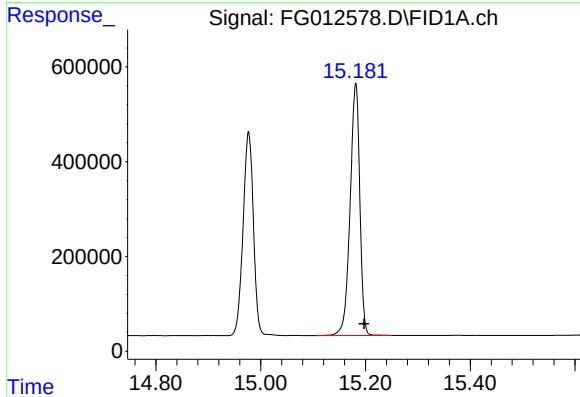
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.977 min
Delta R.T.: -0.014 min
Response: 5891560
Conc: 55.13 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

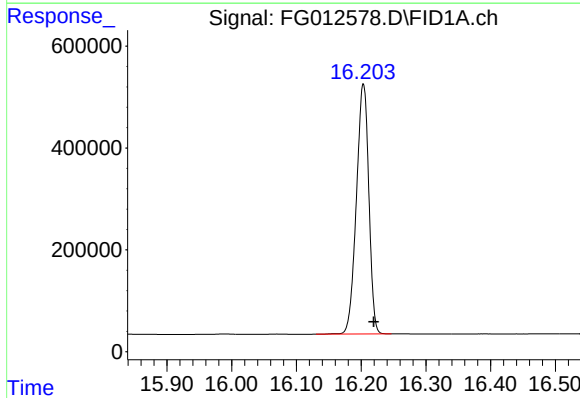
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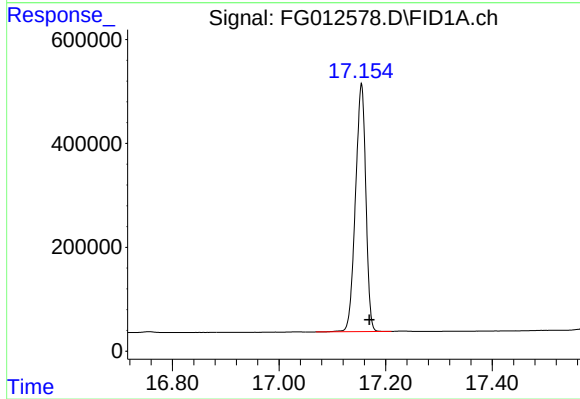
#10 N-TETRACOSANE

R.T.: 15.182 min
Delta R.T.: -0.015 min
Response: 6845040
Conc: 51.74 ug/ml



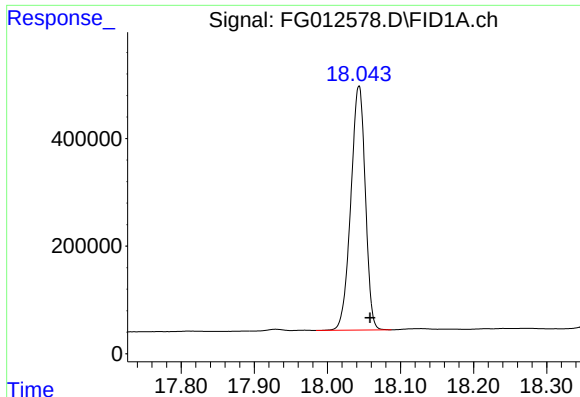
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: -0.016 min
Response: 6541822
Conc: 55.90 ug/ml



#12 N-OCTACOSANE

R.T.: 17.155 min
Delta R.T.: -0.015 min
Response: 6432966
Conc: 56.34 ug/ml



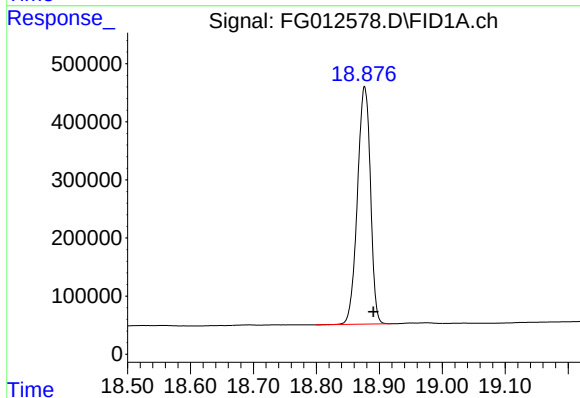
#13 N-TRIACONTANE

R.T.: 18.043 min
Delta R.T.: -0.015 min
Response: 6245136
Conc: 56.32 ug/ml

Instrument :
FID_G
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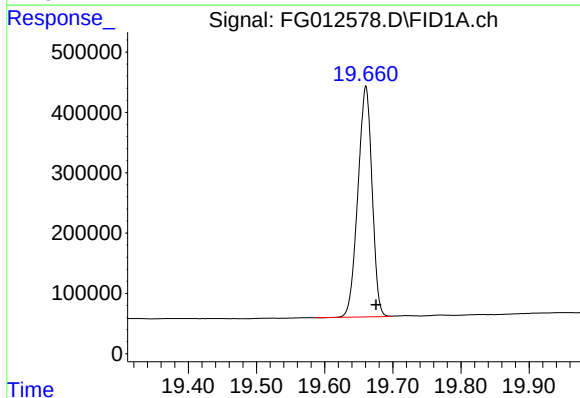
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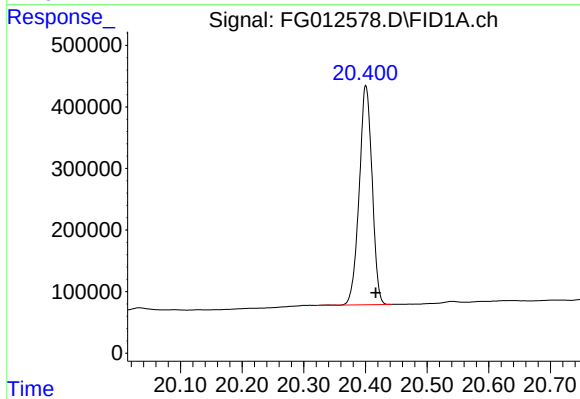
#14 N-DOTRIACONTANE

R.T.: 18.877 min
Delta R.T.: -0.014 min
Response: 5872297
Conc: 56.18 ug/ml



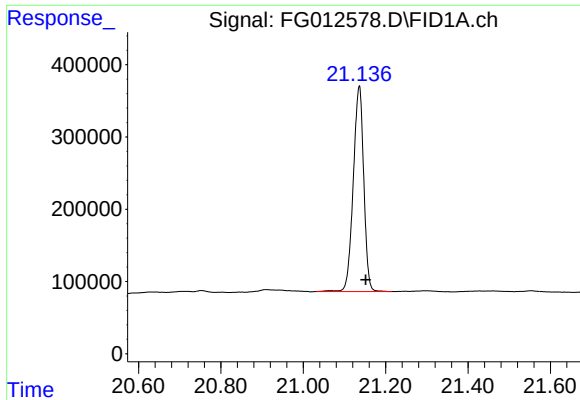
#15 N-TETRATRIACONTANE

R.T.: 19.661 min
Delta R.T.: -0.015 min
Response: 5526670
Conc: 56.13 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.401 min
Delta R.T.: -0.016 min
Response: 5171845
Conc: 55.92 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.136 min
Delta R.T.: -0.016 min
Response: 5031516
Conc: 56.43 ug/ml

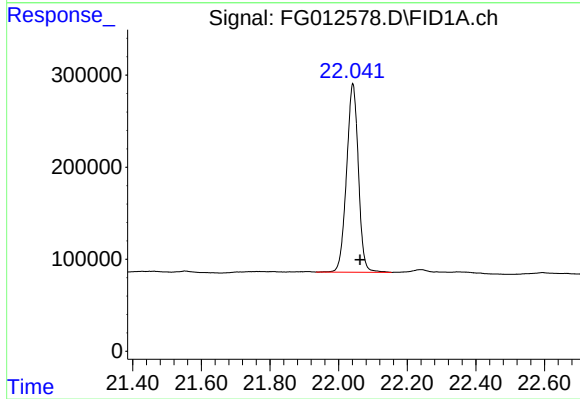
Instrument :

FID_G

ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.041 min
Delta R.T.: -0.021 min
Response: 4896955
Conc: 55.16 ug/ml