

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032822\
 Data File : FG009454.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2022 15:17
 Operator : AJ\MA
 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 03/29/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 29 02:34:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Quant Title :
 QLast Update : Sat Mar 26 00:33:44 2022
 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...	14.632	6259803	45.425 ug/mlm
Target Compounds			
1) N-OCTANE	2.232	7490659	52.085 ug/ml
2) N-DECANE	4.331	7814787	53.424 ug/ml
3) N-DODECANE	6.359	7864901	52.739 ug/ml
4) N-TETRADECANE	8.160	7888507	51.667 ug/ml
5) N-HEXADECANE	9.766	7796555	50.327 ug/ml
6) N-OCTADECANE	11.212	7804640	48.910 ug/ml
7) N-EICOSANE	12.527	7412891	47.482 ug/ml
8) N-DOCOSANE	13.730	7163177	46.279 ug/ml
10) N-TETRACOSANE	14.838	6958654	45.122 ug/ml
11) N-HEXACOSANE	15.861	6740125	44.395 ug/ml
12) N-OCTACOSANE	16.815	6570063	44.333 ug/ml
13) N-TRIACONTANE	17.705	6417401	45.001 ug/ml
14) N-DOTRIACONTANE	18.541	6195469	46.592 ug/ml
15) N-TETRATRIACONTANE	19.328	5748662	49.199 ug/ml
16) N-HEXATRIACONTANE	20.069	5117718	51.895 ug/mlm
17) N-OCTATRIACONTANE	20.810	4709892	54.330 ug/ml
18) N-TETRACONTANE	21.724	4720587	55.537 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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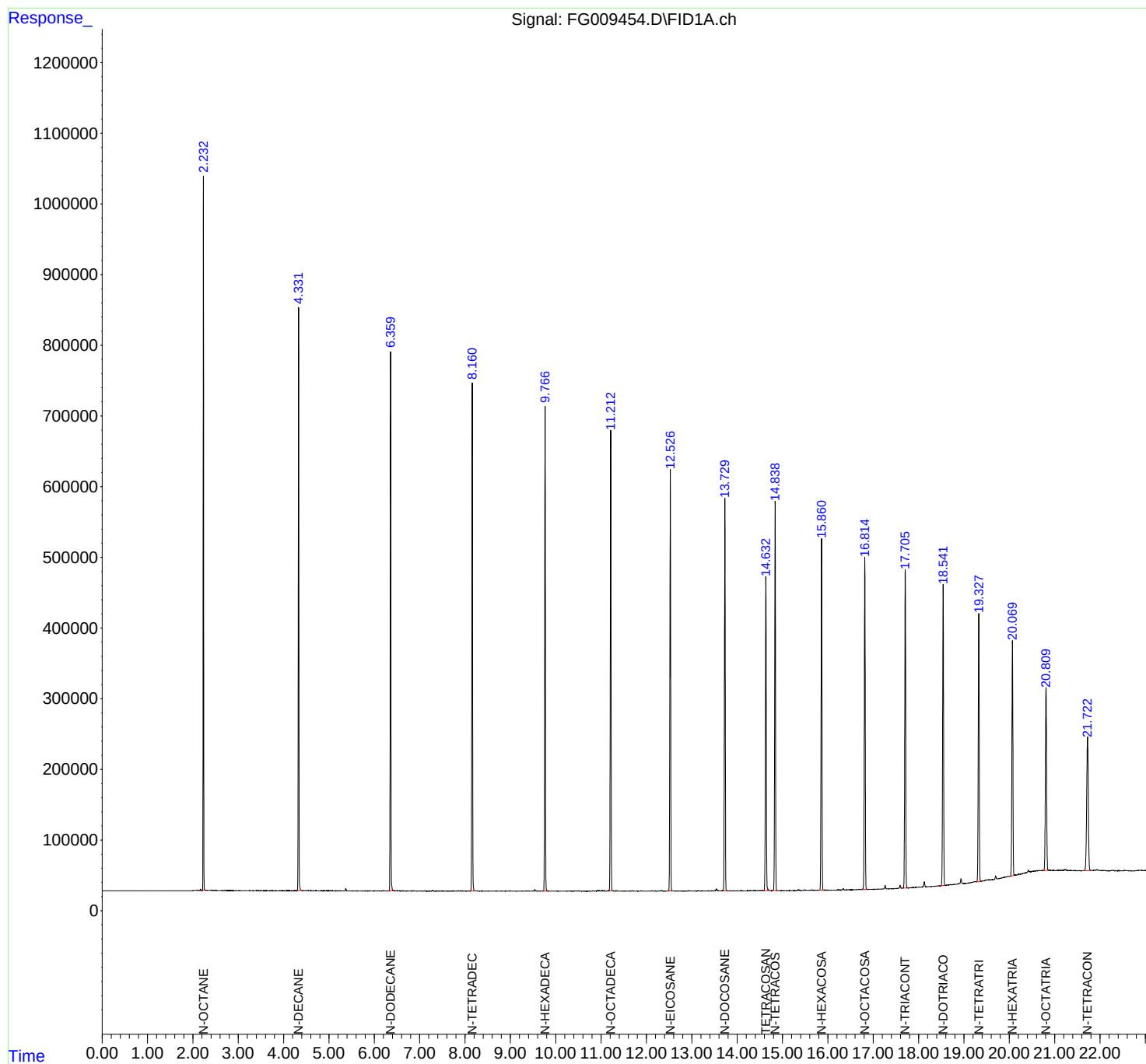
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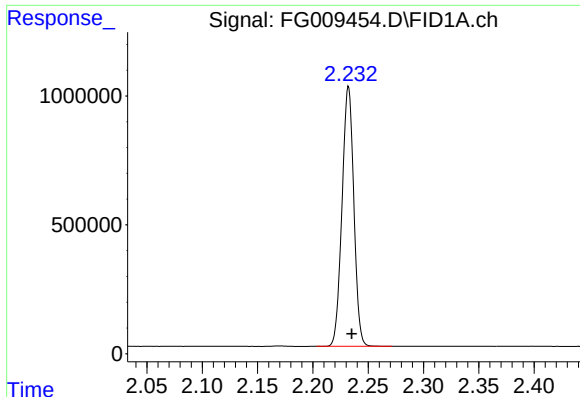
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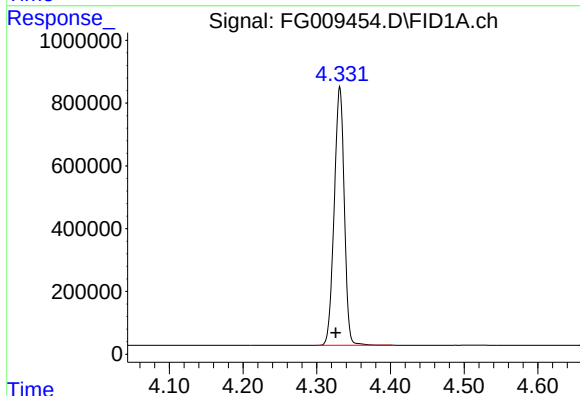
#1 N-OCTANE

R.T.: 2.232 min
Delta R.T.: -0.003 min
Response: 7490659
Conc: 52.08 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

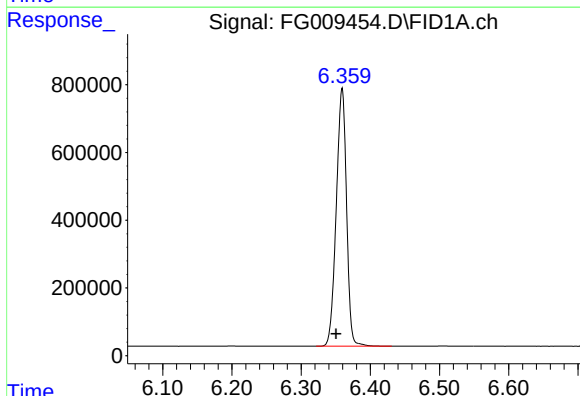
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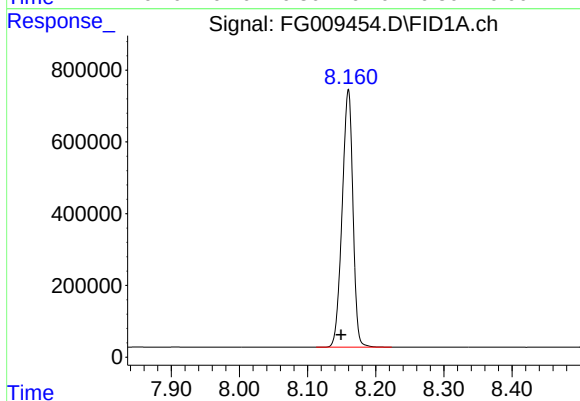
#2 N-DECANE

R.T.: 4.331 min
Delta R.T.: 0.005 min
Response: 7814787
Conc: 53.42 ug/ml



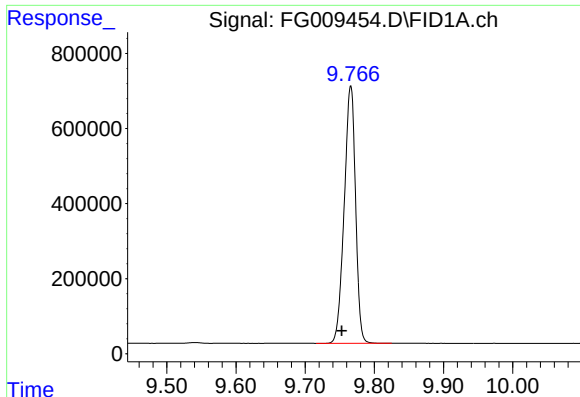
#3 N-DODECANE

R.T.: 6.359 min
Delta R.T.: 0.009 min
Response: 7864901
Conc: 52.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.160 min
Delta R.T.: 0.011 min
Response: 7888507
Conc: 51.67 ug/ml



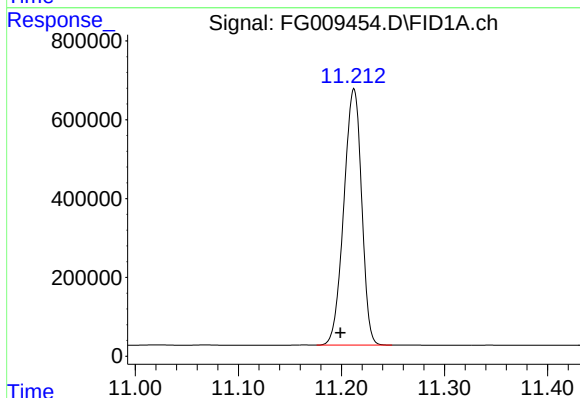
#5 N-HEXADECANE

R.T.: 9.766 min
Delta R.T.: 0.013 min
Response: 7796555
Conc: 50.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

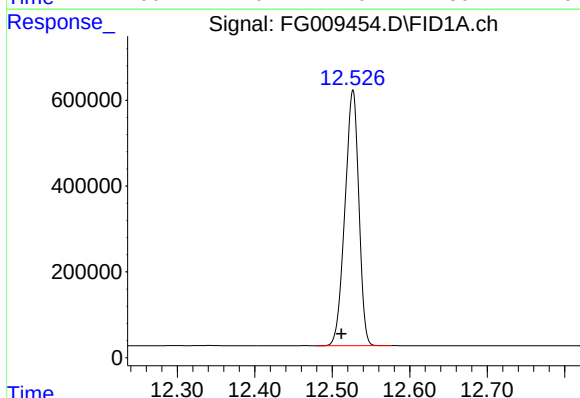
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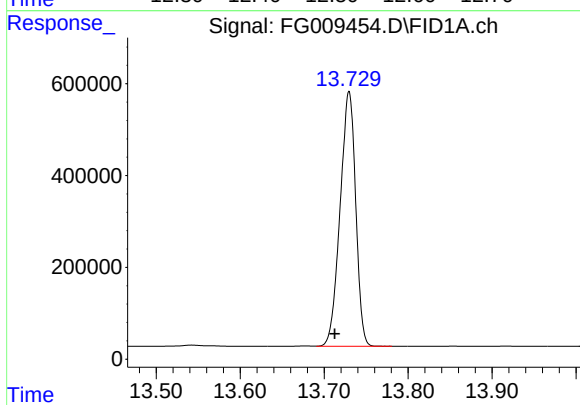
#6 N-OCTADECANE

R.T.: 11.212 min
Delta R.T.: 0.013 min
Response: 7804640
Conc: 48.91 ug/ml



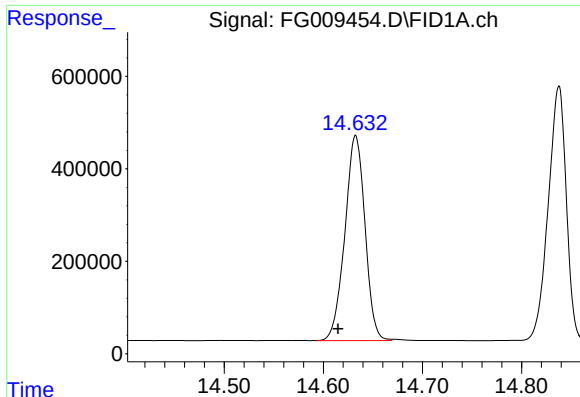
#7 N-EICOSANE

R.T.: 12.527 min
Delta R.T.: 0.015 min
Response: 7412891
Conc: 47.48 ug/ml



#8 N-DOCOSANE

R.T.: 13.730 min
Delta R.T.: 0.017 min
Response: 7163177
Conc: 46.28 ug/ml



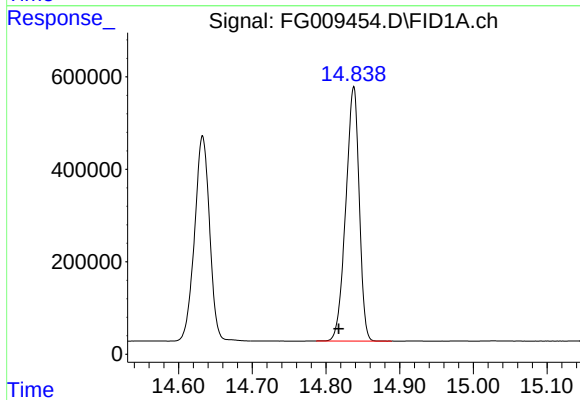
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.632 min
Delta R.T.: 0.017 min
Response: 6259803
Conc: 45.42 ug/ml

Instrument :
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50 PPM TRPH STD

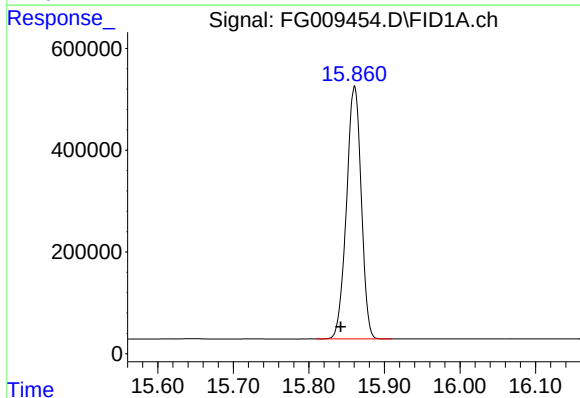
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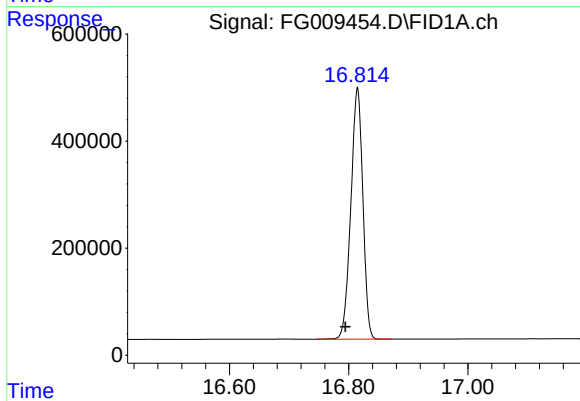
#10 N-TETRACOSANE

R.T.: 14.838 min
Delta R.T.: 0.020 min
Response: 6958654
Conc: 45.12 ug/ml



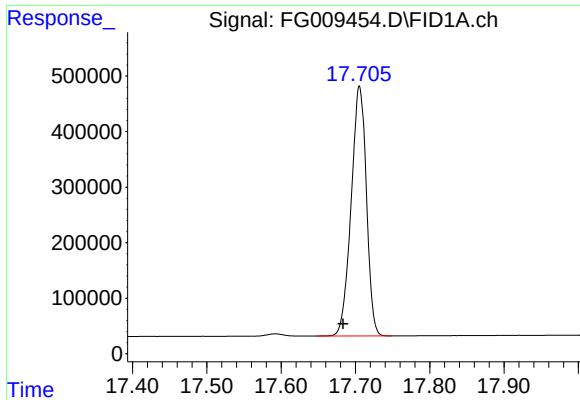
#11 N-HEXACOSANE

R.T.: 15.861 min
Delta R.T.: 0.018 min
Response: 6740125
Conc: 44.40 ug/ml



#12 N-OCTACOSANE

R.T.: 16.815 min
Delta R.T.: 0.020 min
Response: 6570063
Conc: 44.33 ug/ml



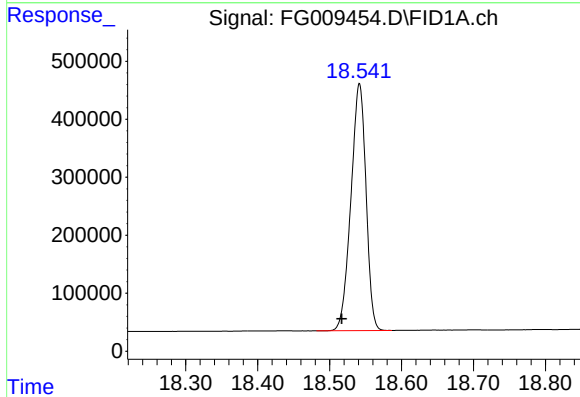
#13 N-TRIACONTANE

R.T.: 17.705 min
Delta R.T.: 0.022 min
Response: 6417401
Conc: 45.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

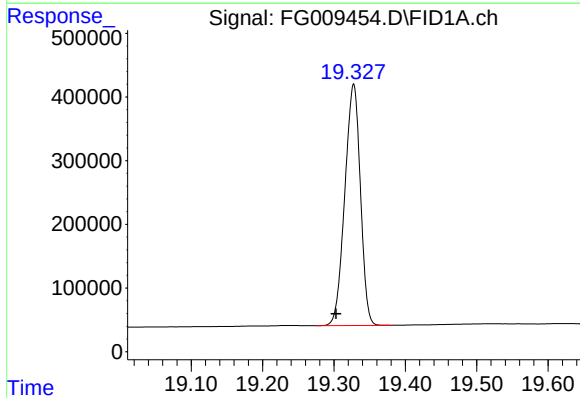
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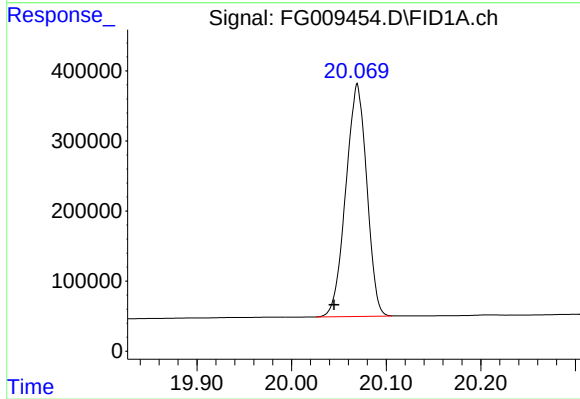
#14 N-DOTRIACONTANE

R.T.: 18.541 min
Delta R.T.: 0.025 min
Response: 6195469
Conc: 46.59 ug/ml



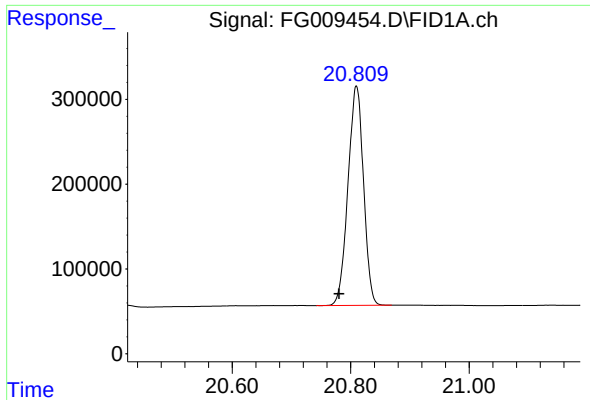
#15 N-TETRATRIACONTANE

R.T.: 19.328 min
Delta R.T.: 0.024 min
Response: 5748662
Conc: 49.20 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.069 min
Delta R.T.: 0.024 min
Response: 5117718
Conc: 51.90 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.810 min
Delta R.T.: 0.029 min
Response: 4709892
Conc: 54.33 ug/ml

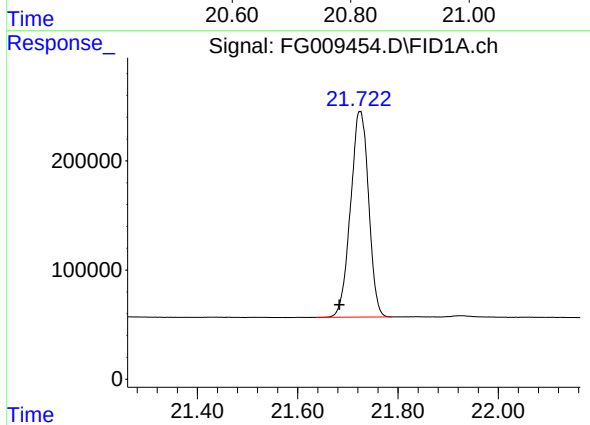
Instrument :

FID_G

ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.724 min
Delta R.T.: 0.041 min
Response: 4720587
Conc: 55.54 ug/ml