

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG033022\
 Data File : FG009479.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2022 14:33
 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 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 15:55:32 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	7140518	51.816 ug/ml
Target Compounds			
1) N-OCTANE	2.232	8295084	57.678 ug/ml
2) N-DECANE	4.330	8840731	60.438 ug/ml
3) N-DODECANE	6.359	8872480	59.495 ug/ml
4) N-TETRADECANE	8.159	8883386	58.183 ug/ml
5) N-HEXADECANE	9.765	8783237	56.696 ug/ml
6) N-OCTADECANE	11.212	8821729	55.283 ug/ml
7) N-EICOSANE	12.527	8424033	53.959 ug/ml
8) N-DOCOSANE	13.729	8176202	52.824 ug/ml
10) N-TETRACOSANE	14.837	8008413	51.928 ug/ml
11) N-HEXACOSANE	15.860	7736055	50.955 ug/ml
12) N-OCTACOSANE	16.814	7528607	50.801 ug/ml
13) N-TRIACONTANE	17.706	7320625	51.335 ug/ml
14) N-DOTRIACONTANE	18.541	7040334	52.945 ug/ml
15) N-TETRATRIACONTANE	19.326	6495201	55.589 ug/ml
16) N-HEXATRIACONTANE	20.069	4924759	49.938 ug/ml
17) N-OCTATRIACONTANE	20.810	5296117	61.093 ug/ml
18) N-TETRACONTANE	21.722	5298686	62.338 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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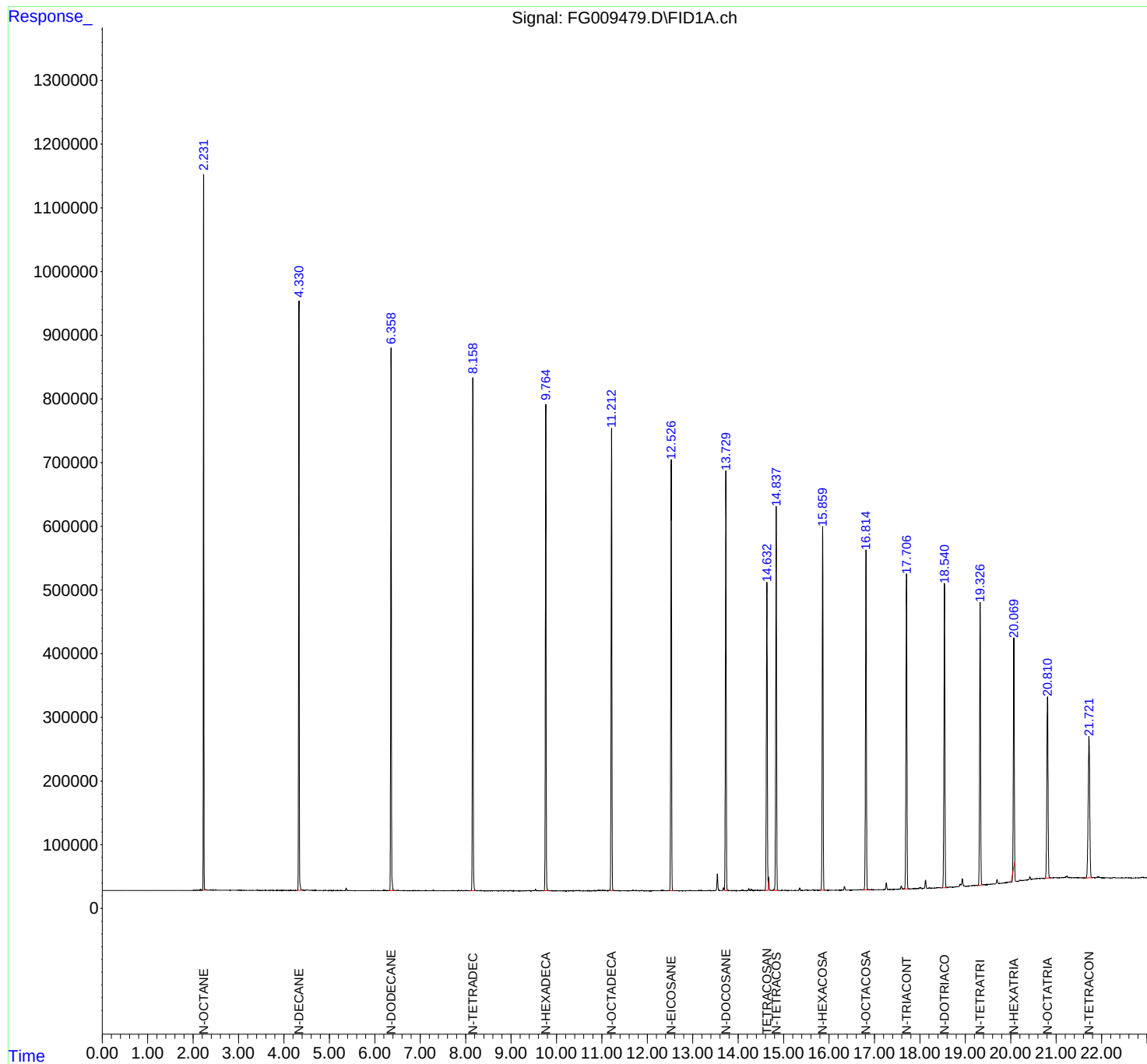
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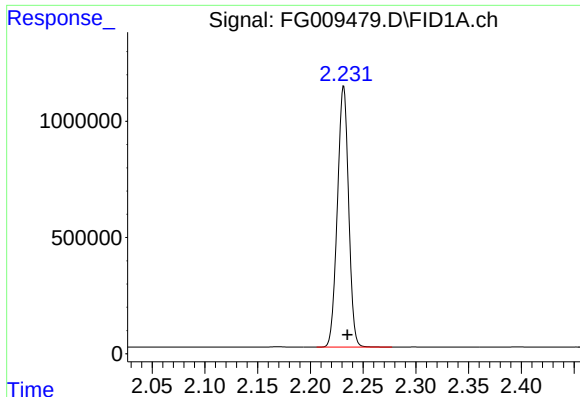
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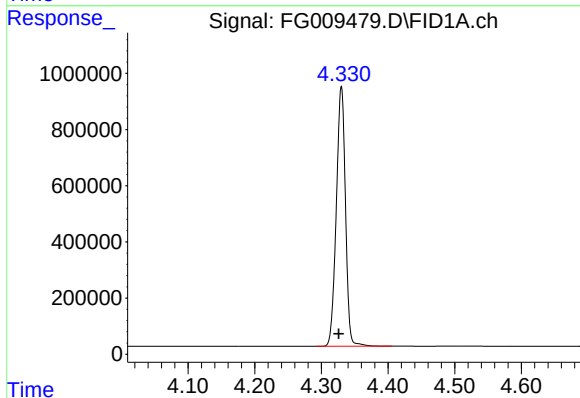
#1 N-OCTANE

R.T.: 2.232 min
Delta R.T.: -0.003 min
Response: 8295084
Conc: 57.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

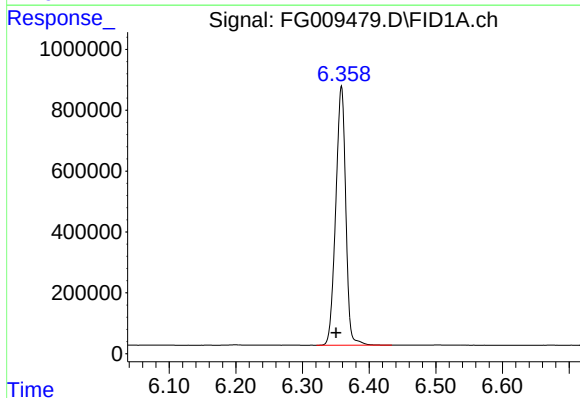
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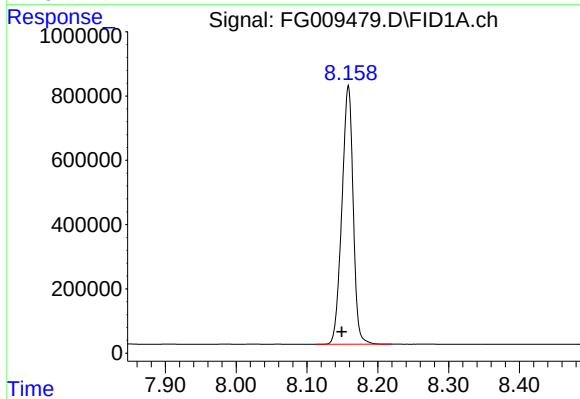
#2 N-DECANE

R.T.: 4.330 min
Delta R.T.: 0.004 min
Response: 8840731
Conc: 60.44 ug/ml



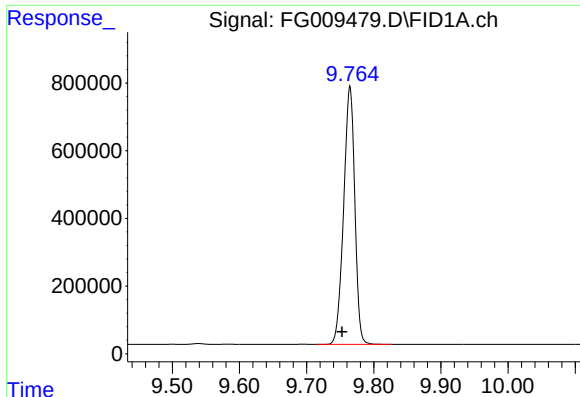
#3 N-DODECANE

R.T.: 6.359 min
Delta R.T.: 0.008 min
Response: 8872480
Conc: 59.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.159 min
Delta R.T.: 0.009 min
Response: 8883386
Conc: 58.18 ug/ml



#5 N-HEXADECANE

R.T.: 9.765 min
Delta R.T.: 0.011 min
Response: 8783237
Conc: 56.70 ug/ml

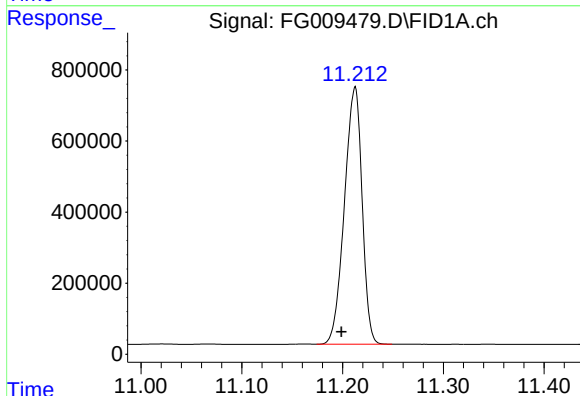
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

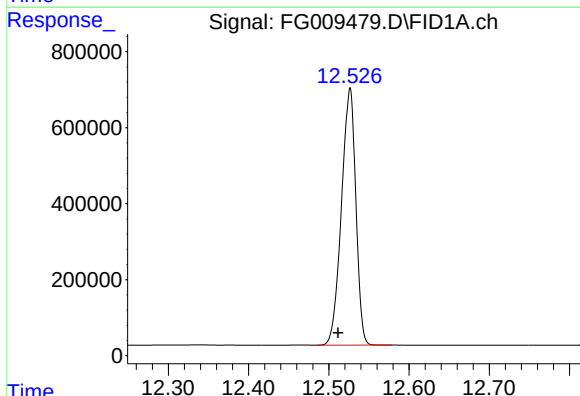
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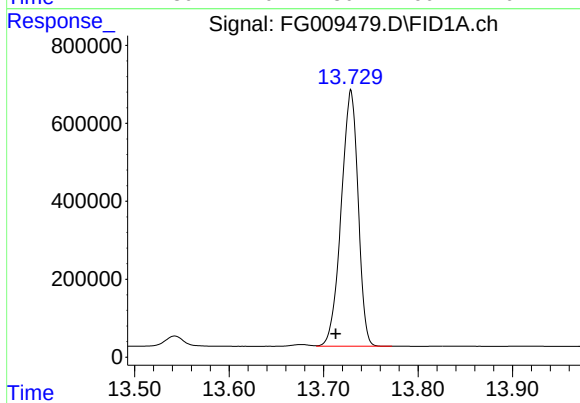
#6 N-OCTADECANE

R.T.: 11.212 min
Delta R.T.: 0.014 min
Response: 8821729
Conc: 55.28 ug/ml



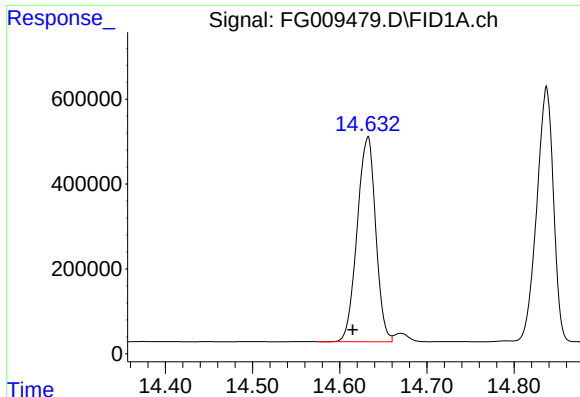
#7 N-EICOSANE

R.T.: 12.527 min
Delta R.T.: 0.015 min
Response: 8424033
Conc: 53.96 ug/ml



#8 N-DOCOSANE

R.T.: 13.729 min
Delta R.T.: 0.016 min
Response: 8176202
Conc: 52.82 ug/ml



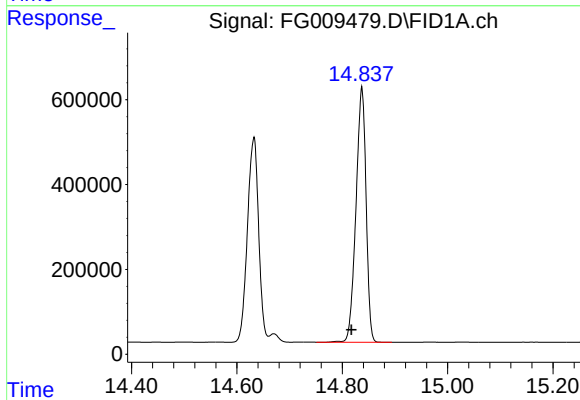
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.632 min
Delta R.T.: 0.017 min
Response: 7140518
Conc: 51.82 ug/ml

Instrument :
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50 PPM TRPH STD

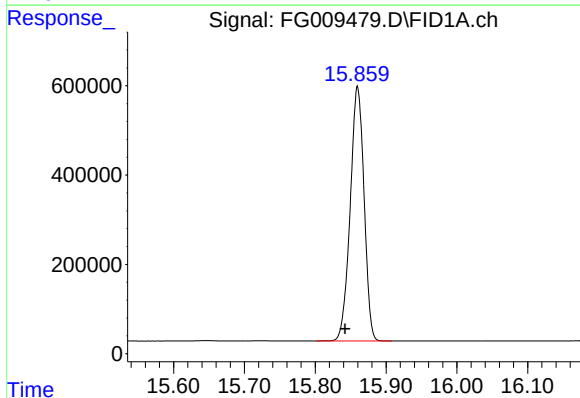
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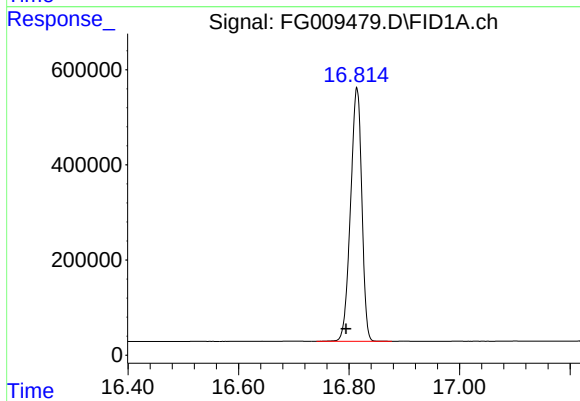
#10 N-TETRACOSANE

R.T.: 14.837 min
Delta R.T.: 0.020 min
Response: 8008413
Conc: 51.93 ug/ml



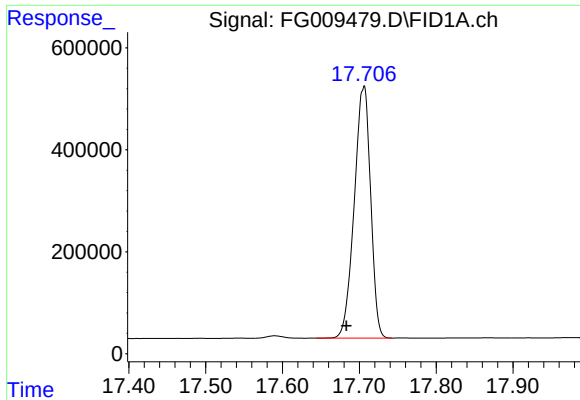
#11 N-HEXACOSANE

R.T.: 15.860 min
Delta R.T.: 0.017 min
Response: 7736055
Conc: 50.96 ug/ml



#12 N-OCTACOSANE

R.T.: 16.814 min
Delta R.T.: 0.020 min
Response: 7528607
Conc: 50.80 ug/ml



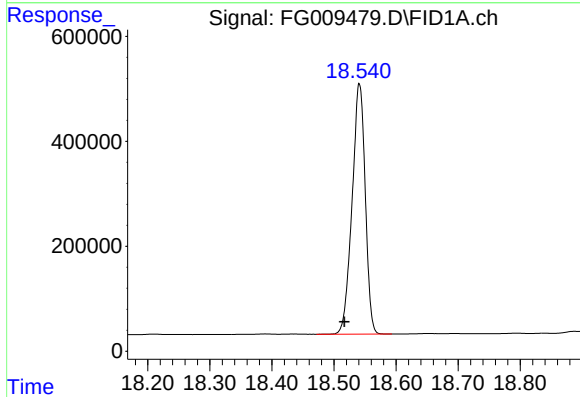
#13 N-TRIACONTANE

R.T.: 17.706 min
Delta R.T.: 0.023 min
Response: 7320625
Conc: 51.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

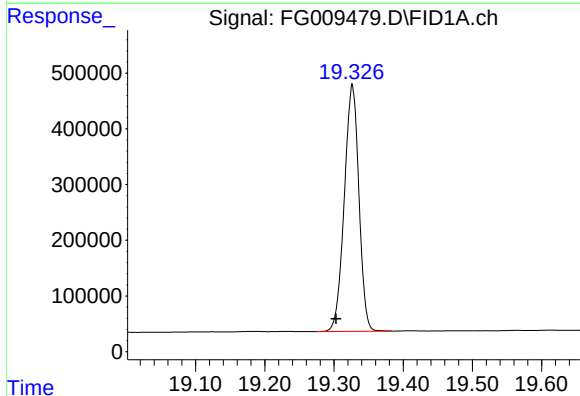
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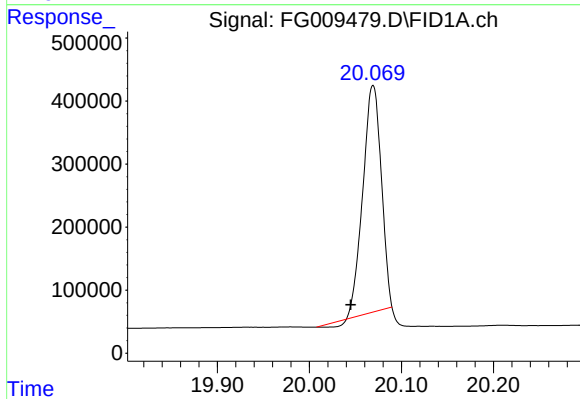
#14 N-DOTRIACONTANE

R.T.: 18.541 min
Delta R.T.: 0.024 min
Response: 7040334
Conc: 52.95 ug/ml



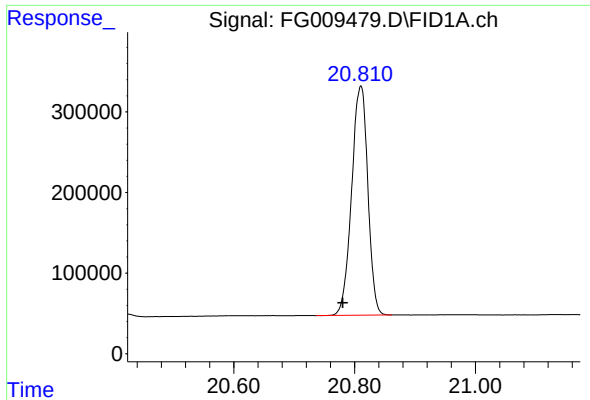
#15 N-TETRATRIACONTANE

R.T.: 19.326 min
Delta R.T.: 0.023 min
Response: 6495201
Conc: 55.59 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.069 min
Delta R.T.: 0.024 min
Response: 4924759
Conc: 49.94 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.810 min
Delta R.T.: 0.030 min
Response: 5296117
Conc: 61.09 ug/ml

Instrument :

FID_G

ClientSampleId :

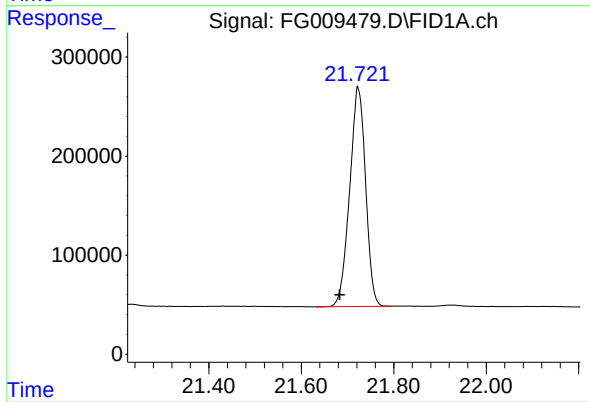
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#18 N-TETRACONTANE

R.T.: 21.722 min
Delta R.T.: 0.039 min
Response: 5298686
Conc: 62.34 ug/ml