

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032622\
 Data File : FG009423.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2022 15:06
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 26 22:46:38 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...	14.633	5706105	41.407 ug/ml
Target Compounds			
1) N-OCTANE	2.234	7078244	49.217 ug/ml
2) N-DECANE	4.333	7239517	49.492 ug/ml
3) N-DODECANE	6.361	7250398	48.618 ug/ml
4) N-TETRADECANE	8.161	7238432	47.409 ug/ml
5) N-HEXADECANE	9.767	7151897	46.165 ug/ml
6) N-OCTADECANE	11.214	7173536	44.955 ug/ml
7) N-EICOSANE	12.528	6808689	43.612 ug/ml
8) N-DOCOSANE	13.731	6544541	42.282 ug/ml
10) N-TETRACOSANE	14.837	6326303	41.021 ug/ml
11) N-HEXACOSANE	15.862	6070674	39.986 ug/ml
12) N-OCTACOSANE	16.815	5865702	39.580 ug/ml
13) N-TRIACONTANE	17.705	5691424	39.910 ug/ml
14) N-DOTRIACONTANE	18.541	5529732	41.585 ug/ml
15) N-TETRATRIACONTANE	19.325	5130544	43.909 ug/mlm
16) N-HEXATRIACONTANE	20.067	4549906	46.137 ug/mlm
17) N-OCTATRIACONTANE	20.808	4271731	49.276 ug/ml
18) N-TETRACONTANE	21.724	4311924	50.729 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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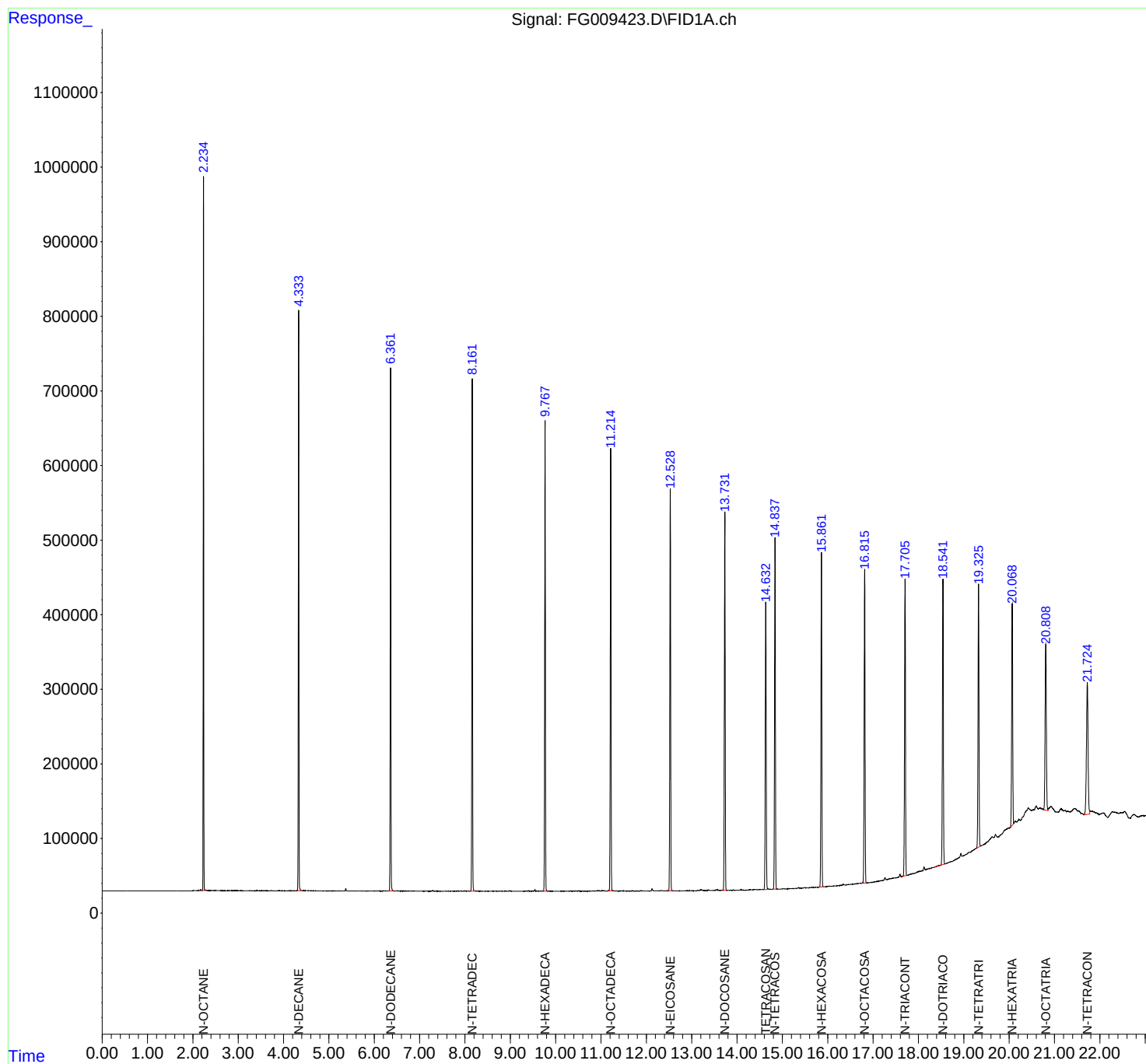
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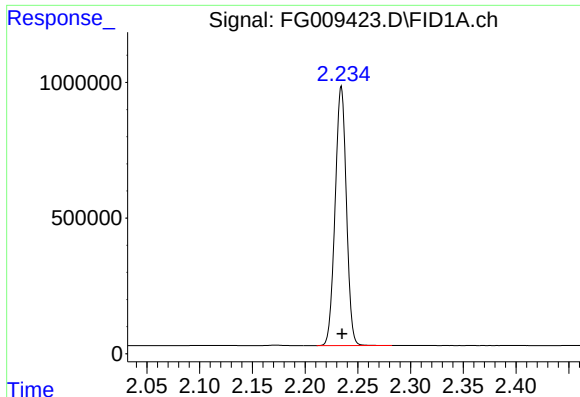
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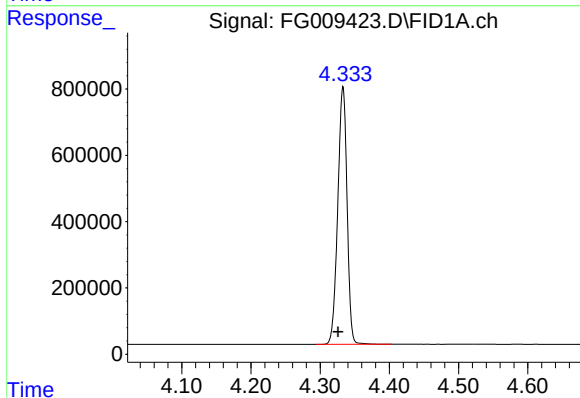
#1 N-OCTANE

R.T.: 2.234 min
Delta R.T.: 0.000 min
Response: 7078244
Conc: 49.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

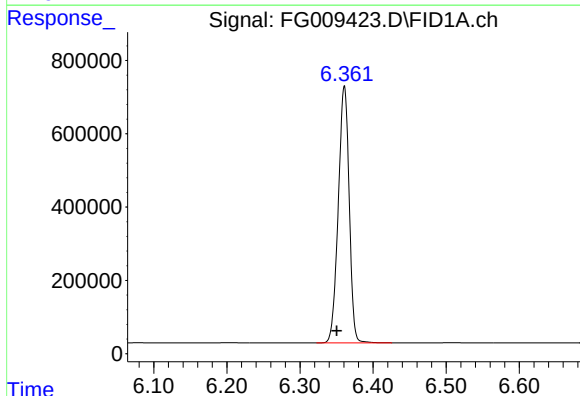
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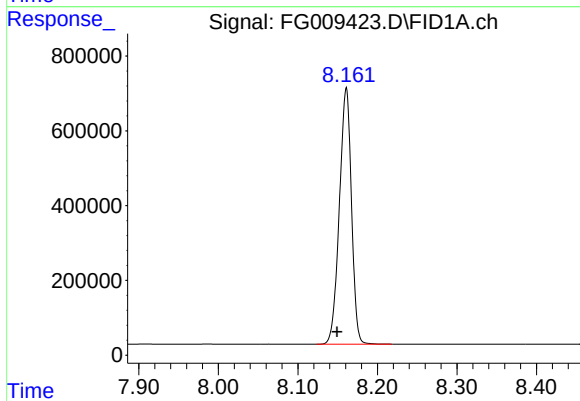
#2 N-DECANE

R.T.: 4.333 min
Delta R.T.: 0.007 min
Response: 7239517
Conc: 49.49 ug/ml



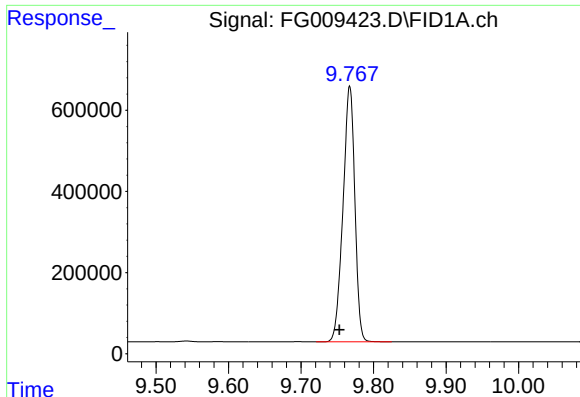
#3 N-DODECANE

R.T.: 6.361 min
Delta R.T.: 0.010 min
Response: 7250398
Conc: 48.62 ug/ml



#4 N-TETRADECANE

R.T.: 8.161 min
Delta R.T.: 0.012 min
Response: 7238432
Conc: 47.41 ug/ml



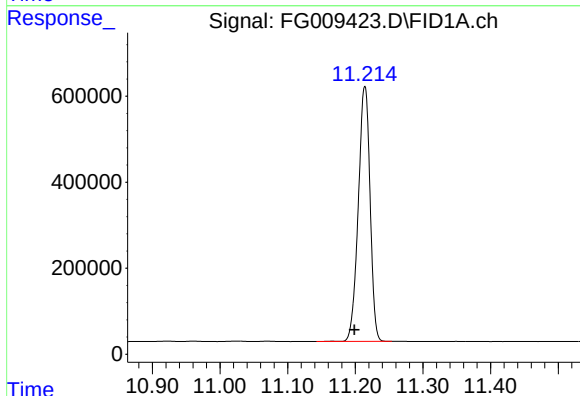
#5 N-HEXADECANE

R.T.: 9.767 min
Delta R.T.: 0.014 min
Response: 7151897
Conc: 46.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

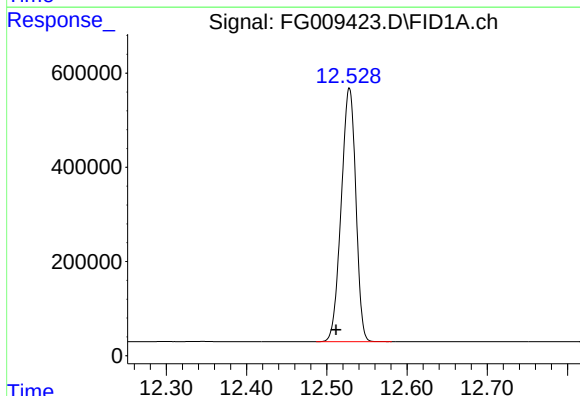
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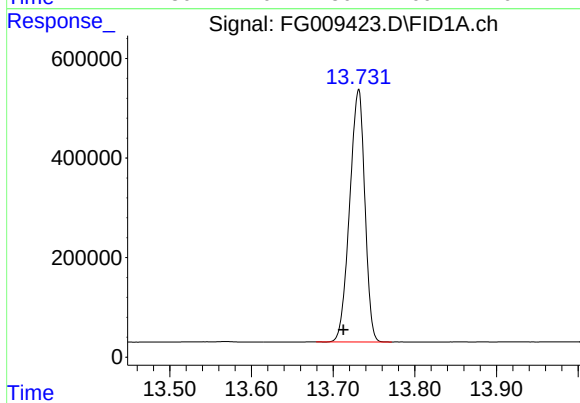
#6 N-OCTADECANE

R.T.: 11.214 min
Delta R.T.: 0.015 min
Response: 7173536
Conc: 44.95 ug/ml



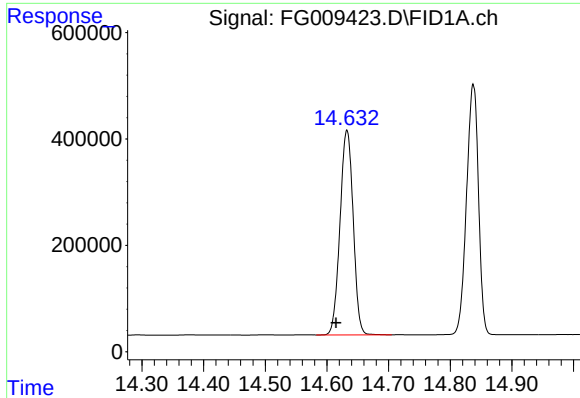
#7 N-EICOSANE

R.T.: 12.528 min
Delta R.T.: 0.016 min
Response: 6808689
Conc: 43.61 ug/ml



#8 N-DOCOSANE

R.T.: 13.731 min
Delta R.T.: 0.019 min
Response: 6544541
Conc: 42.28 ug/ml



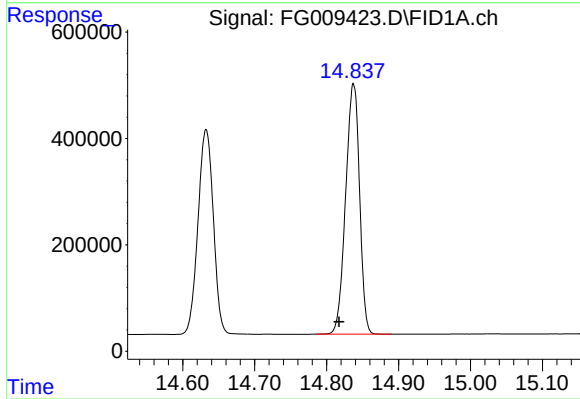
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.633 min
Delta R.T.: 0.018 min
Response: 5706105
Conc: 41.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

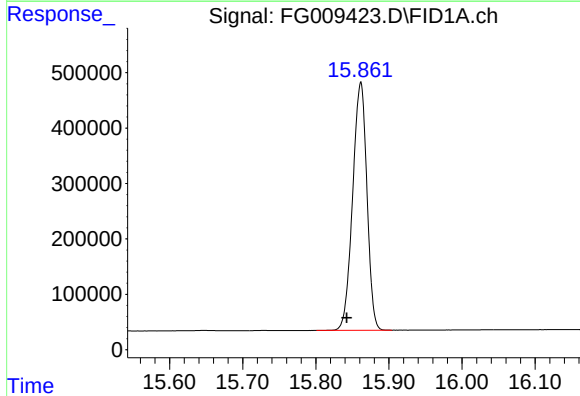
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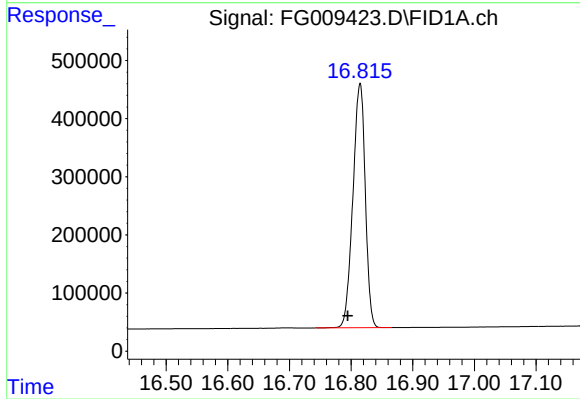
#10 N-TETRACOSANE

R.T.: 14.837 min
Delta R.T.: 0.020 min
Response: 6326303
Conc: 41.02 ug/ml



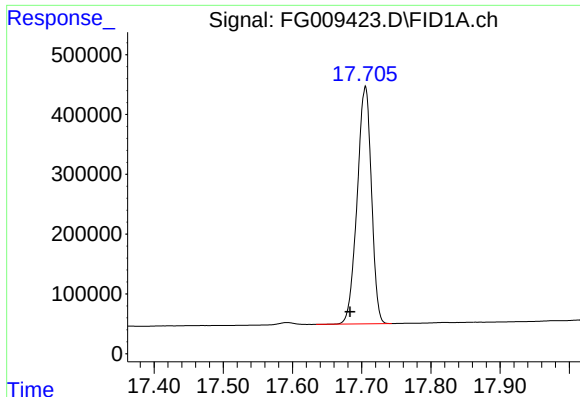
#11 N-HEXACOSANE

R.T.: 15.862 min
Delta R.T.: 0.019 min
Response: 6070674
Conc: 39.99 ug/ml



#12 N-OCTACOSANE

R.T.: 16.815 min
Delta R.T.: 0.020 min
Response: 5865702
Conc: 39.58 ug/ml



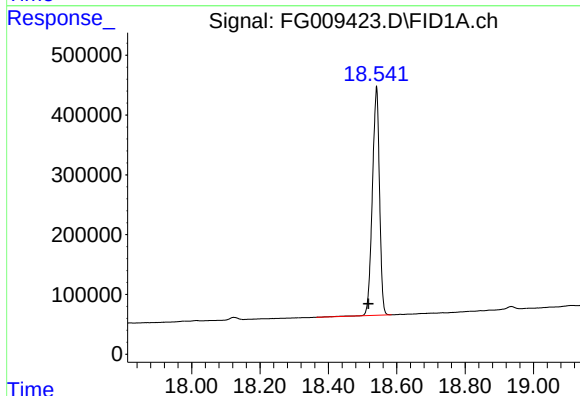
#13 N-TRIACONTANE

R.T.: 17.705 min
Delta R.T.: 0.022 min
Response: 5691424
Conc: 39.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

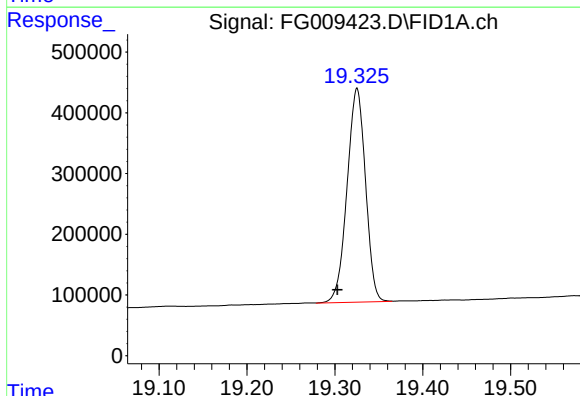
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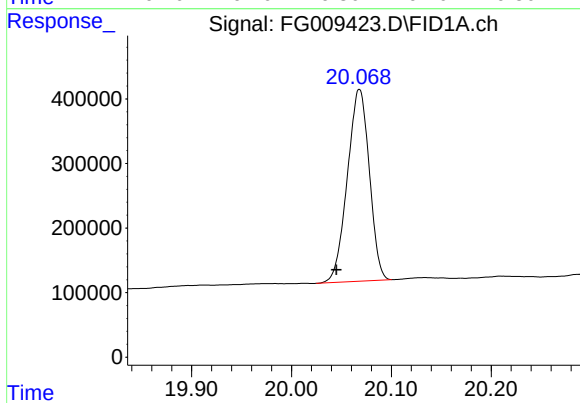
#14 N-DOTRIACONTANE

R.T.: 18.541 min
Delta R.T.: 0.024 min
Response: 5529732
Conc: 41.59 ug/ml



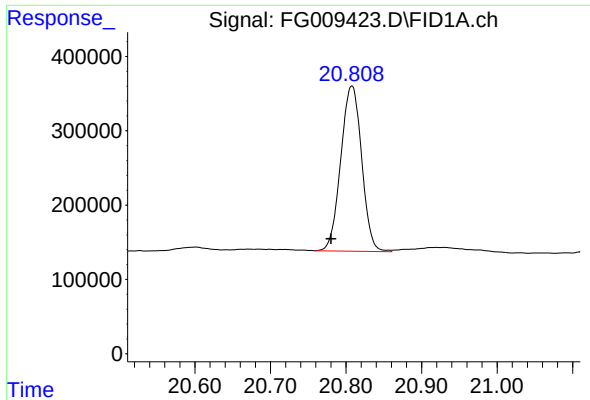
#15 N-TETRATRIACONTANE

R.T.: 19.325 min
Delta R.T.: 0.022 min
Response: 5130544
Conc: 43.91 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.067 min
Delta R.T.: 0.023 min
Response: 4549906
Conc: 46.14 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.808 min
Delta R.T.: 0.027 min
Response: 4271731
Conc: 49.28 ug/ml

Instrument :

FID_G

ClientSampleId :

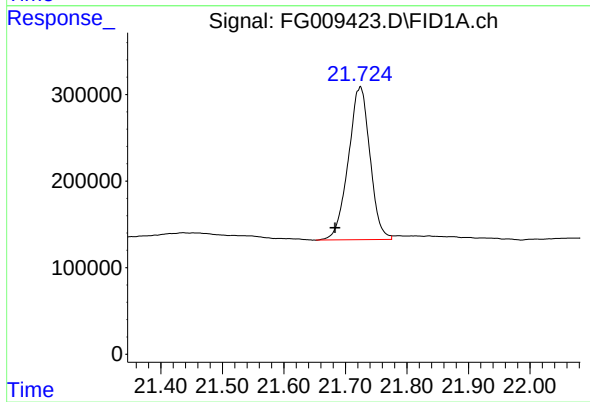
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#18 N-TETRACONTANE

R.T.: 21.724 min
Delta R.T.: 0.041 min
Response: 4311924
Conc: 50.73 ug/ml m