

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121621\
 Data File : FG009307.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2021 16:29
 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 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e
 Quant Time: Dec 17 00:35:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG121521.M
 Quant Title :
 QLast Update : Thu Dec 16 05:01:34 2021
 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...	14.525	6776881	49.065 ug/ml
Target Compounds			
1) N-OCTANE	2.166	8391116	55.710 ug/ml
2) N-DECANE	4.243	8684920	56.506 ug/ml
3) N-DODECANE	6.266	8729471	55.458 ug/ml
4) N-TETRADECANE	8.064	8698237	54.112 ug/ml
5) N-HEXADECANE	9.667	8512444	53.115 ug/ml
6) N-OCTADECANE	11.112	8486290	52.146 ug/ml
7) N-EICOSANE	12.423	8284976	51.031 ug/ml
8) N-DOCOSANE	13.624	7930751	49.808 ug/ml
10) N-TETRACOSANE	14.729	7682769	48.674 ug/ml
11) N-HEXACOSANE	15.752	7343553	47.632 ug/ml
12) N-OCTACOSANE	16.703	7082423	47.331 ug/ml
13) N-TRIACONTANE	17.592	6862994	47.882 ug/ml
14) N-DOTRIACONTANE	18.425	6587790	49.164 ug/ml
15) N-TETRATRIACONTANE	19.209	6381246	50.894 ug/mlm
16) N-HEXATRIACONTANE	19.950	6103257	52.819 ug/ml
17) N-OCTATRIACONTANE	20.666	5888837	53.502 ug/mlm
18) N-TETRACONTANE	21.532	6010543	54.631 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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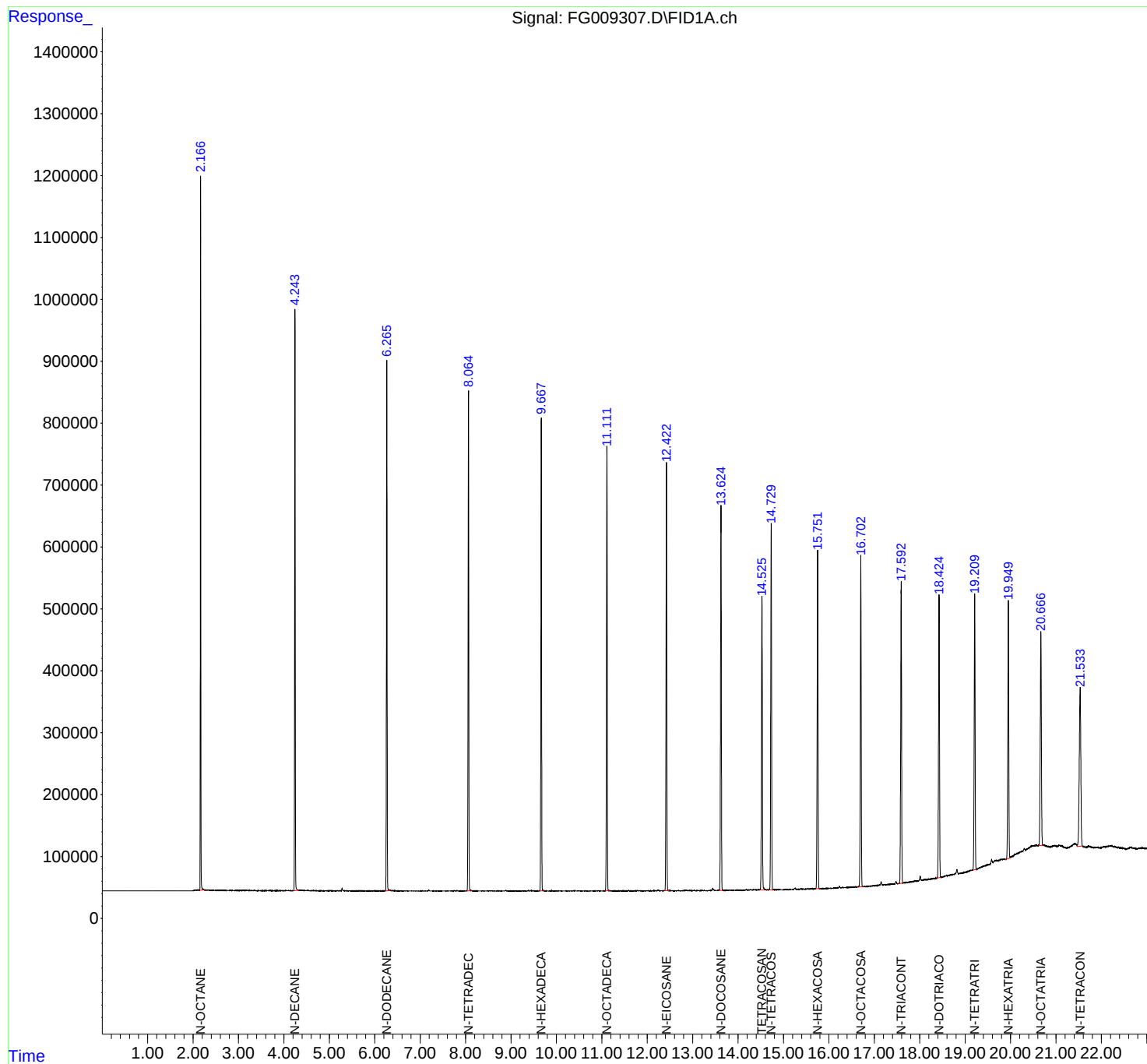
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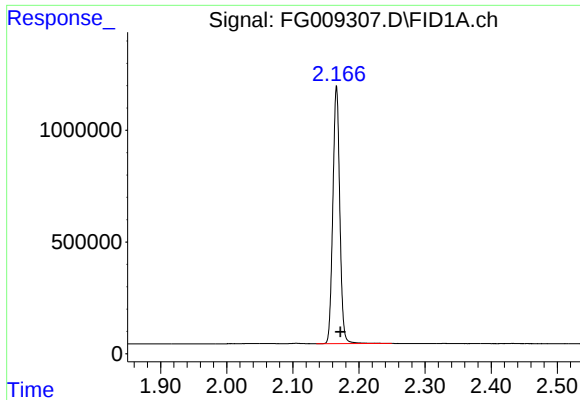
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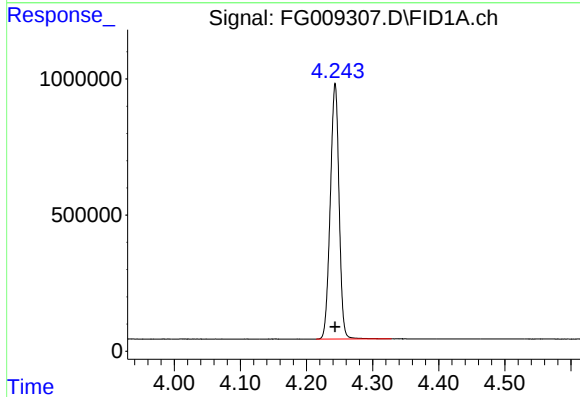
#1 N-OCTANE

R.T.: 2.166 min
Delta R.T.: -0.006 min
Response: 8391116
Conc: 55.71 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

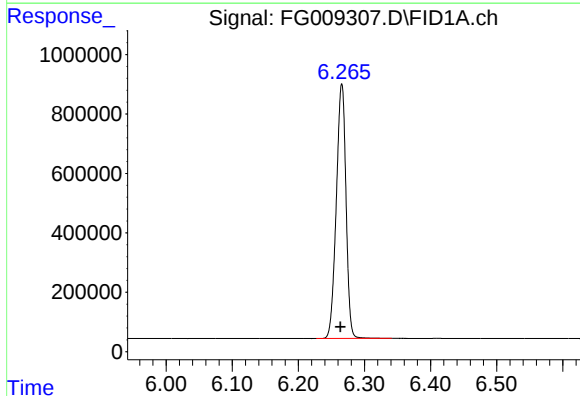
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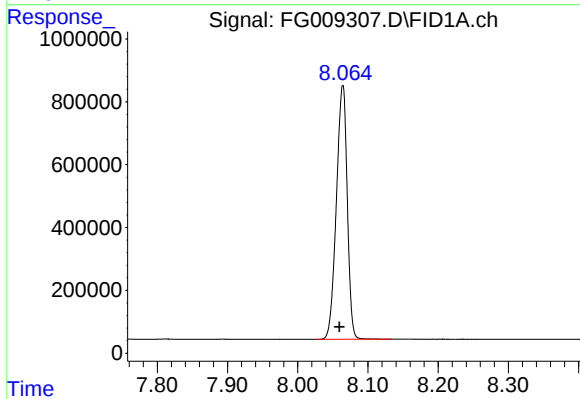
#2 N-DECANE

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 8684920
Conc: 56.51 ug/ml



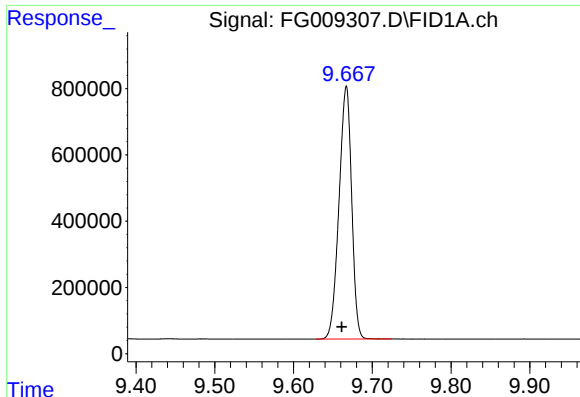
#3 N-DODECANE

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 8729471
Conc: 55.46 ug/ml



#4 N-TETRADECANE

R.T.: 8.064 min
Delta R.T.: 0.005 min
Response: 8698237
Conc: 54.11 ug/ml



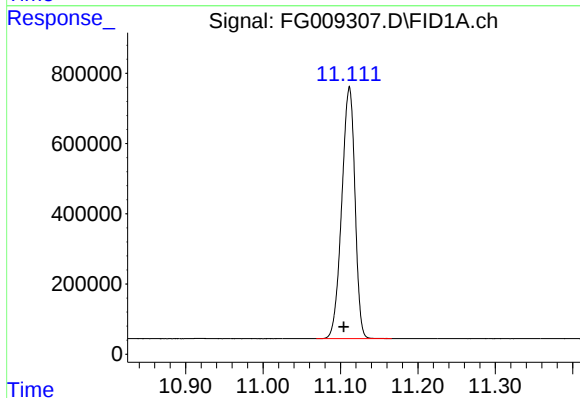
#5 N-HEXADECANE

R.T.: 9.667 min
Delta R.T.: 0.006 min
Response: 8512444
Conc: 53.11 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

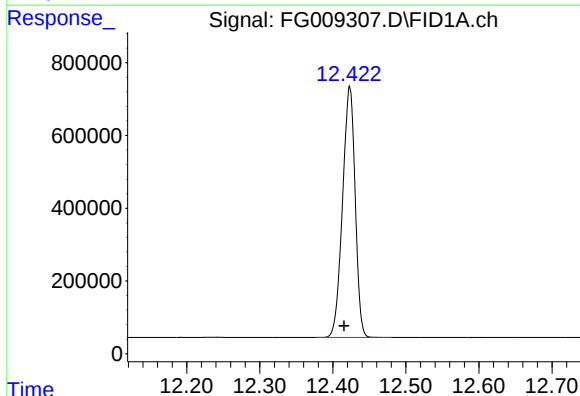
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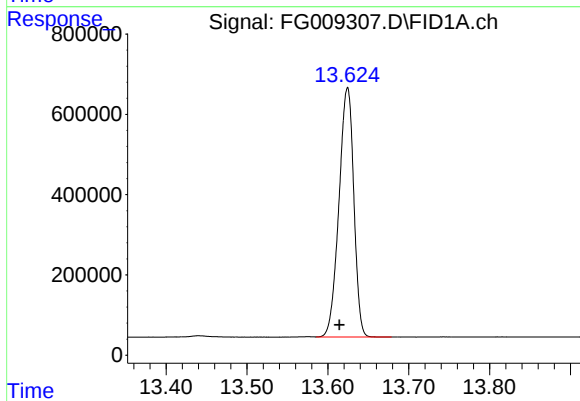
#6 N-OCTADECANE

R.T.: 11.112 min
Delta R.T.: 0.007 min
Response: 8486290
Conc: 52.15 ug/ml



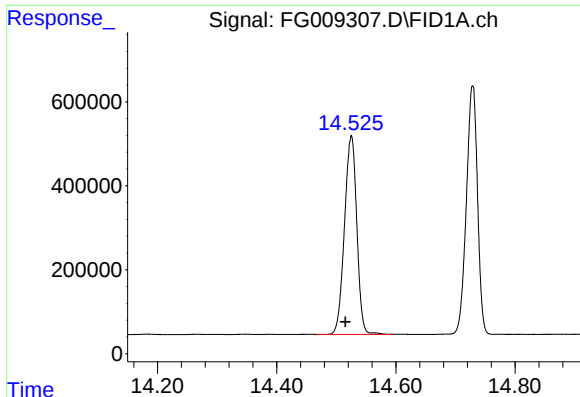
#7 N-EICOSANE

R.T.: 12.423 min
Delta R.T.: 0.008 min
Response: 8284976
Conc: 51.03 ug/ml



#8 N-DOCOSANE

R.T.: 13.624 min
Delta R.T.: 0.010 min
Response: 7930751
Conc: 49.81 ug/ml



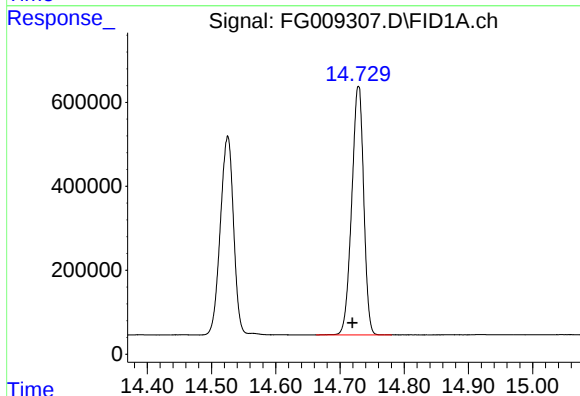
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.525 min
Delta R.T.: 0.010 min
Response: 6776881
Conc: 49.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

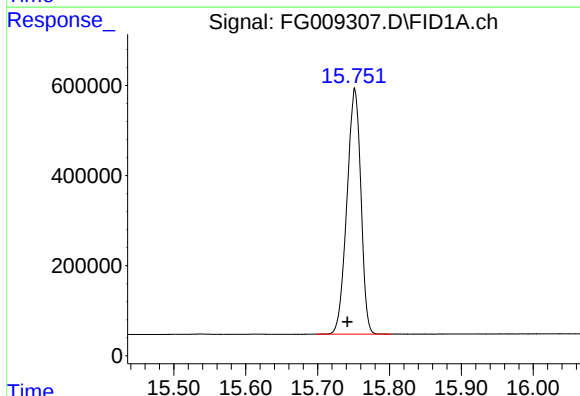
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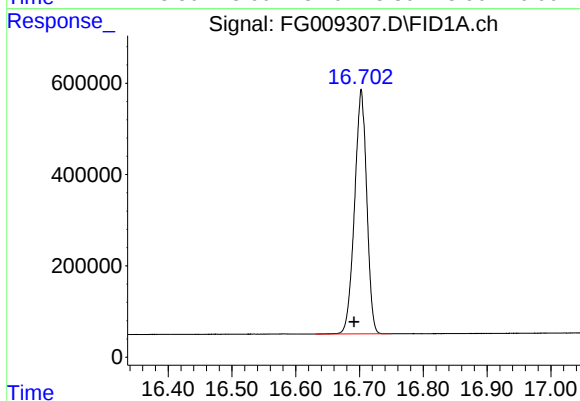
#10 N-TETRACOSANE

R.T.: 14.729 min
Delta R.T.: 0.009 min
Response: 7682769
Conc: 48.67 ug/ml



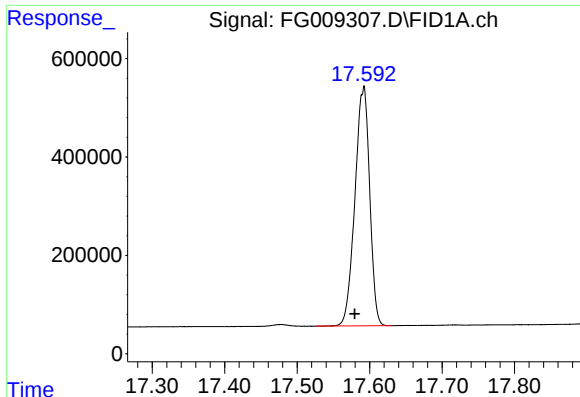
#11 N-HEXACOSANE

R.T.: 15.752 min
Delta R.T.: 0.010 min
Response: 7343553
Conc: 47.63 ug/ml



#12 N-OCTACOSANE

R.T.: 16.703 min
Delta R.T.: 0.011 min
Response: 7082423
Conc: 47.33 ug/ml



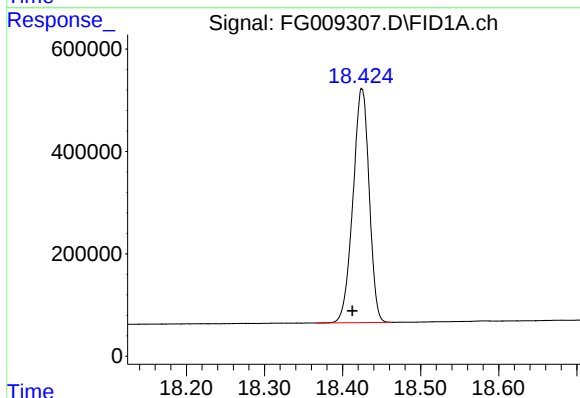
#13 N-TRIACONTANE

R.T.: 17.592 min
Delta R.T.: 0.013 min
Response: 6862994
Conc: 47.88 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

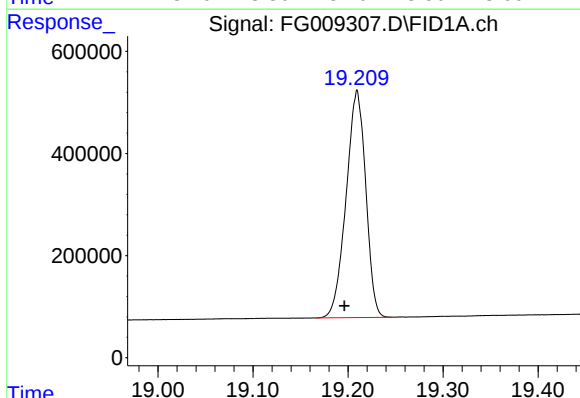
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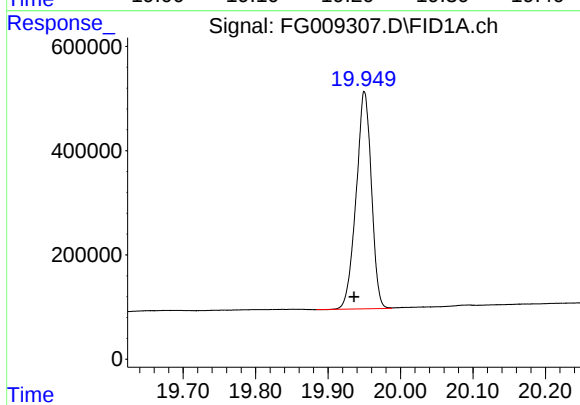
#14 N-DOTRIACONTANE

R.T.: 18.425 min
Delta R.T.: 0.012 min
Response: 6587790
Conc: 49.16 ug/ml



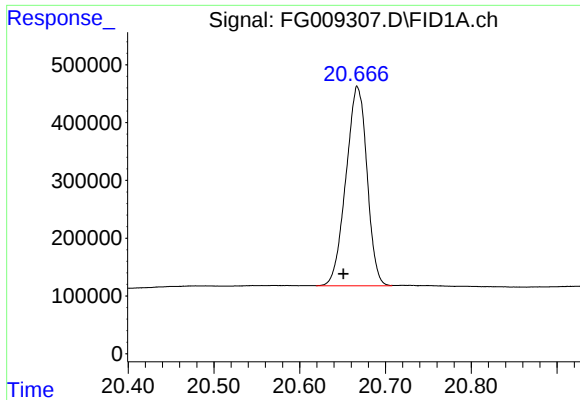
#15 N-TETRATRIACONTANE

R.T.: 19.209 min
Delta R.T.: 0.013 min
Response: 6381246
Conc: 50.89 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.950 min
Delta R.T.: 0.014 min
Response: 6103257
Conc: 52.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.666 min
Delta R.T.: 0.015 min
Response: 5888837
Conc: 53.50 ug/ml

Instrument :

FID_G

ClientSampleId :

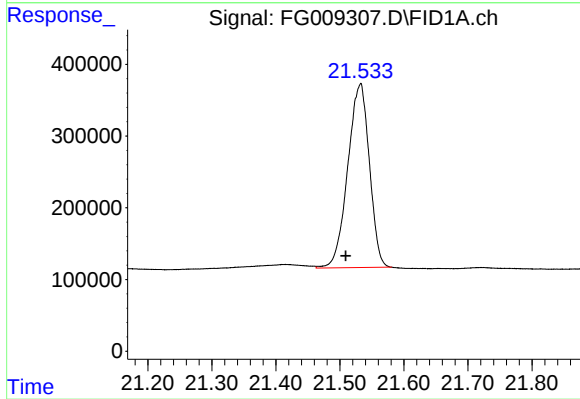
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#18 N-TETRACONTANE

R.T.: 21.532 min
Delta R.T.: 0.023 min
Response: 6010543
Conc: 54.63 ug/ml