

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120321\
 Data File : FG009161.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2021 01:41
 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 :Ankita Jodhani 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: Sample.e
 Quant Time: Dec 04 02:01:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:59:46 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...	14.755	5281861	45.290 ug/ml
Target Compounds			
1) N-OCTANE	2.332	6986902	47.734 ug/ml
2) N-DECANE	4.437	7086708	47.843 ug/ml
3) N-DODECANE	6.467	7059495	47.691 ug/ml
4) N-TETRADECANE	8.272	6957694	48.087 ug/ml
5) N-HEXADECANE	9.881	6744072	47.697 ug/ml
6) N-OCTADECANE	11.330	6725910	46.382 ug/ml
7) N-EICOSANE	12.646	6510215	45.506 ug/ml
8) N-DOCOSANE	13.850	6188947	45.107 ug/ml
10) N-TETRACOSANE	14.960	5956021	45.256 ug/ml
11) N-HEXACOSANE	15.987	5647517	46.096 ug/ml
12) N-OCTACOSANE	16.942	5437799	47.693 ug/ml
13) N-TRIACONTANE	17.834	5356214	49.513 ug/ml
14) N-DOTRIACONTANE	18.672	5182377	50.405 ug/ml
15) N-TETRATRIACONTANE	19.459	5081508	51.379 ug/ml
16) N-HEXATRIACONTANE	20.203	4795082	51.023 ug/ml
17) N-OCTATRIACONTANE	20.960	4504817	48.578 ug/ml
18) N-TETRACONTANE	21.904	4359405	44.297 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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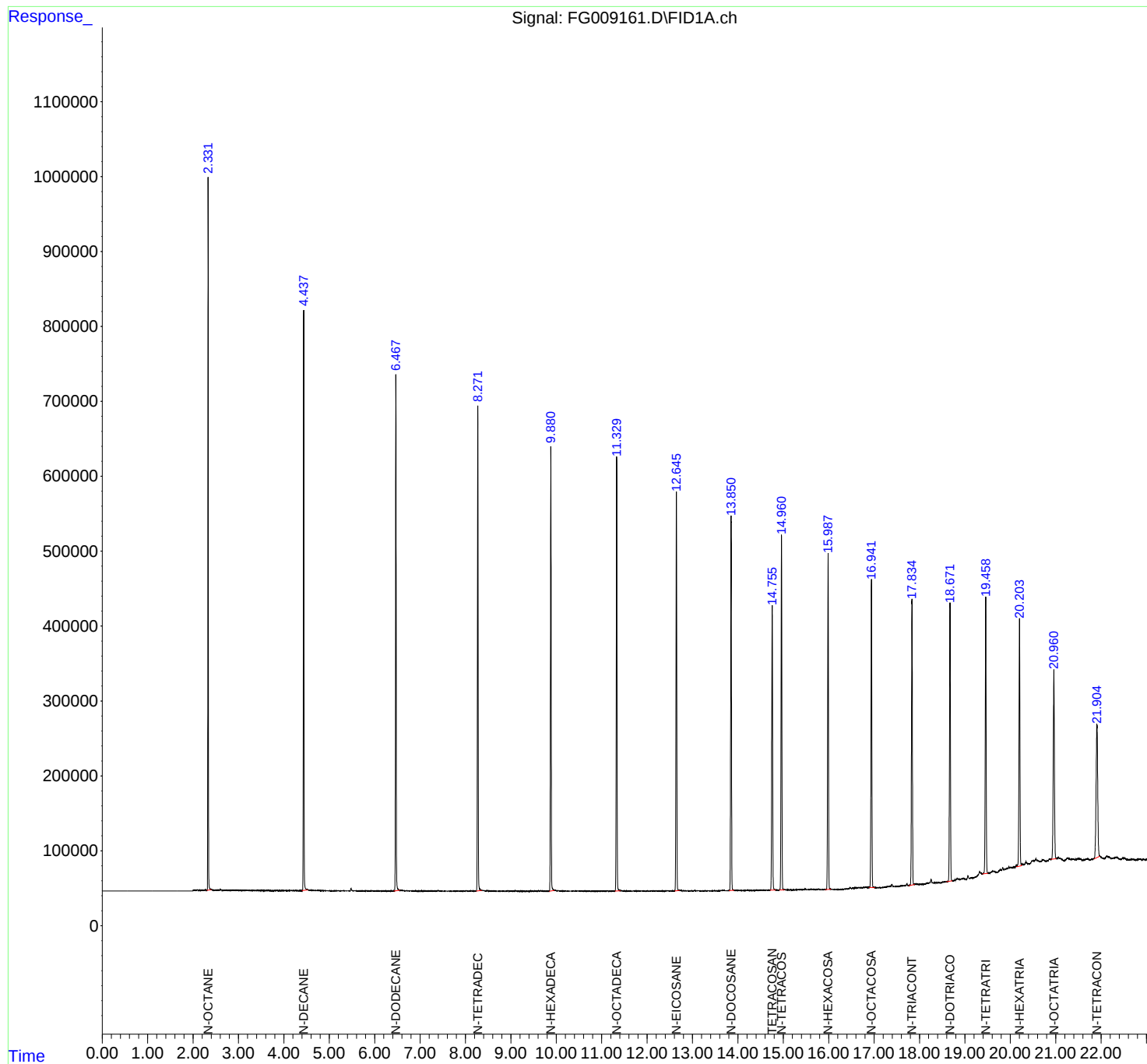
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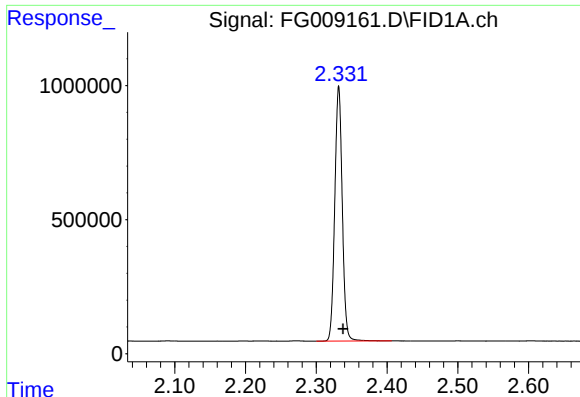
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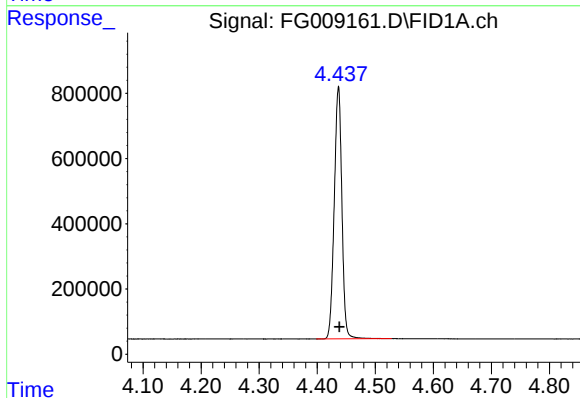
#1 N-OCTANE

R.T.: 2.332 min
Delta R.T.: -0.006 min
Response: 6986902
Conc: 47.73 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

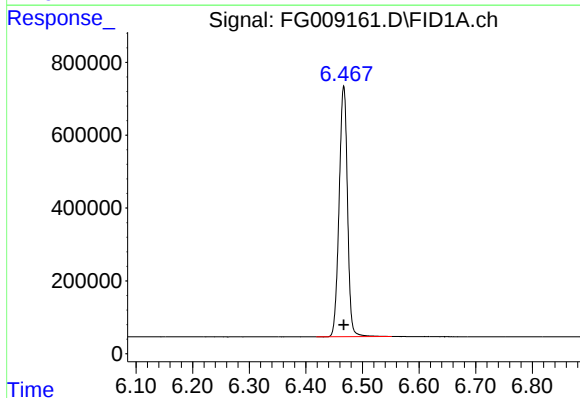
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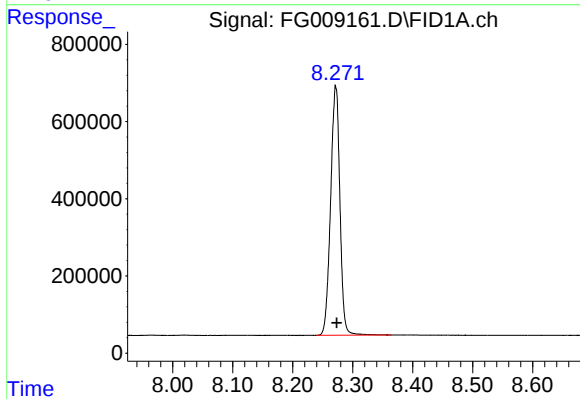
#2 N-DECANE

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 7086708
Conc: 47.84 ug/ml



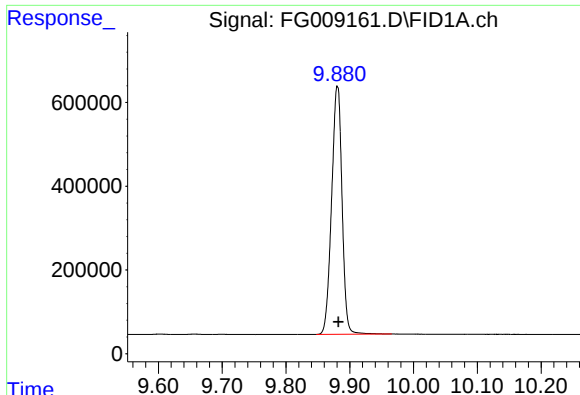
#3 N-DODECANE

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 7059495
Conc: 47.69 ug/ml



#4 N-TETRADECANE

R.T.: 8.272 min
Delta R.T.: -0.001 min
Response: 6957694
Conc: 48.09 ug/ml



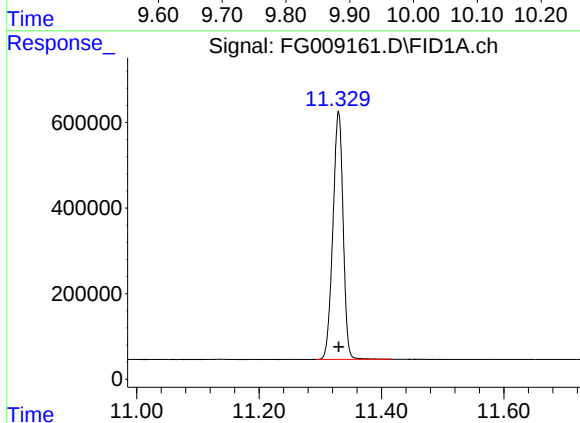
#5 N-HEXADECANE

R.T.: 9.881 min
Delta R.T.: -0.002 min
Response: 6744072
Conc: 47.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

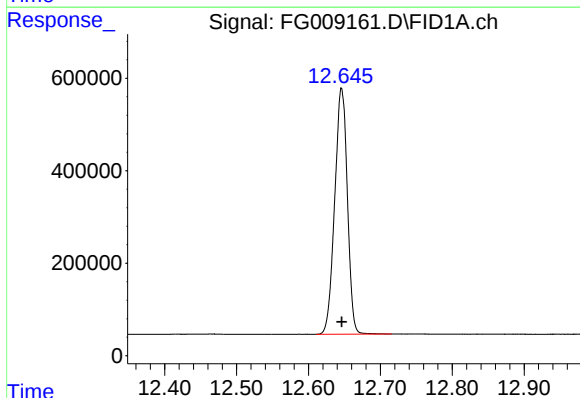
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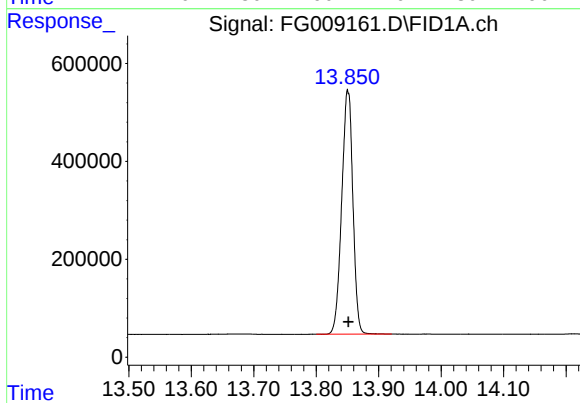
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: 0.000 min
Response: 6725910
Conc: 46.38 ug/ml



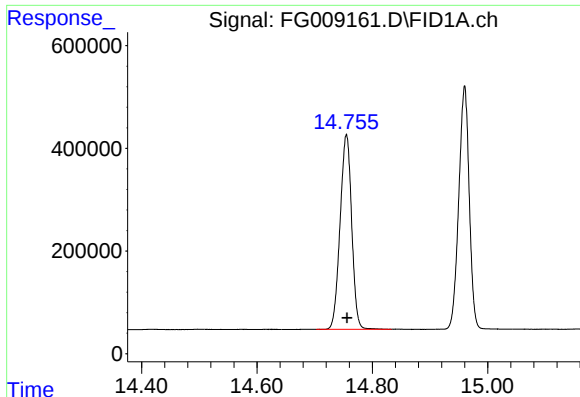
#7 N-EICOSANE

R.T.: 12.646 min
Delta R.T.: 0.000 min
Response: 6510215
Conc: 45.51 ug/ml



#8 N-DOCOSANE

R.T.: 13.850 min
Delta R.T.: -0.001 min
Response: 6188947
Conc: 45.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.755 min
Delta R.T.: -0.001 min
Response: 5281861
Conc: 45.29 ug/ml

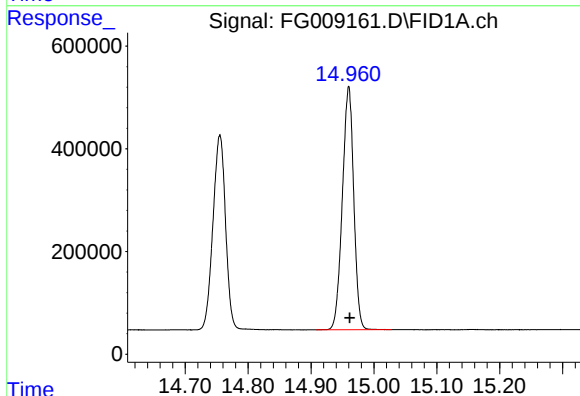
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

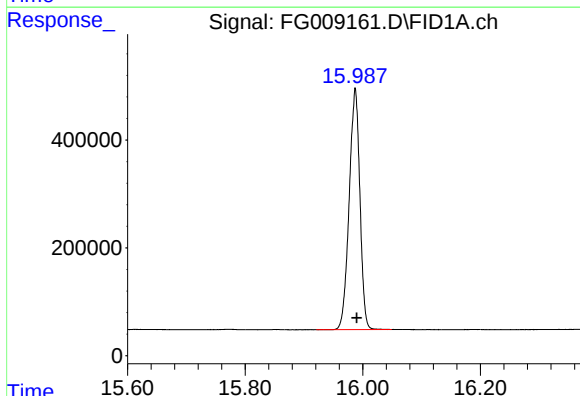
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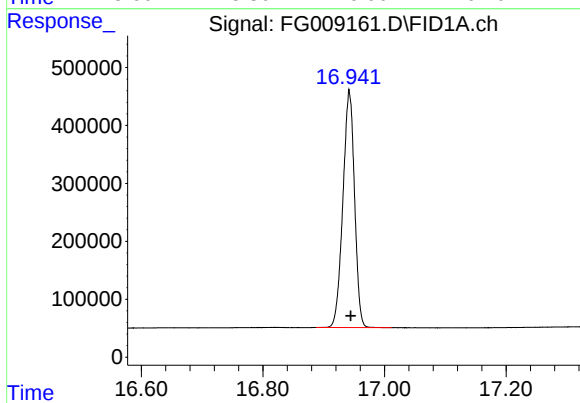
#10 N-TETRACOSANE

R.T.: 14.960 min
Delta R.T.: -0.002 min
Response: 5956021
Conc: 45.26 ug/ml



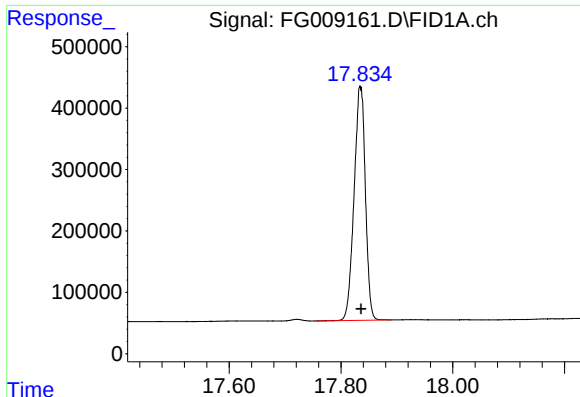
#11 N-HEXACOSANE

R.T.: 15.987 min
Delta R.T.: -0.002 min
Response: 5647517
Conc: 46.10 ug/ml



#12 N-OCTACOSANE

R.T.: 16.942 min
Delta R.T.: -0.003 min
Response: 5437799
Conc: 47.69 ug/ml



#13 N-TRIACONTANE

R.T.: 17.834 min
Delta R.T.: -0.002 min
Response: 5356214
Conc: 49.51 ug/ml

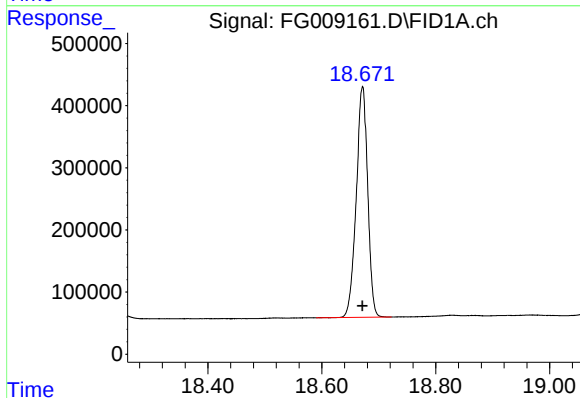
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

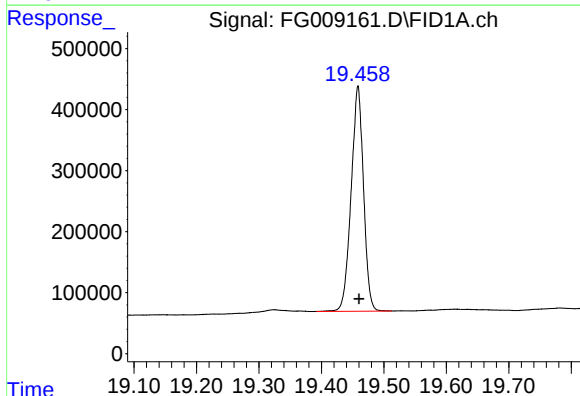
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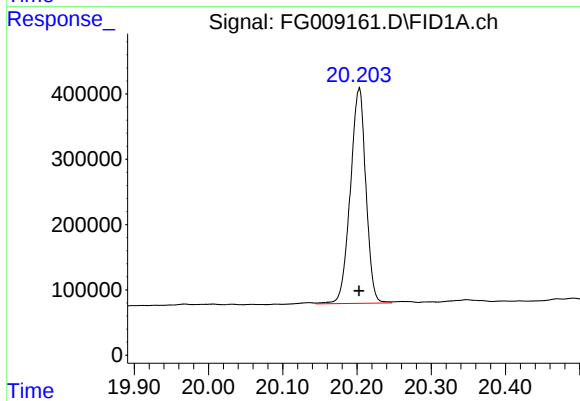
#14 N-DOTRIACONTANE

R.T.: 18.672 min
Delta R.T.: 0.000 min
Response: 5182377
Conc: 50.40 ug/ml



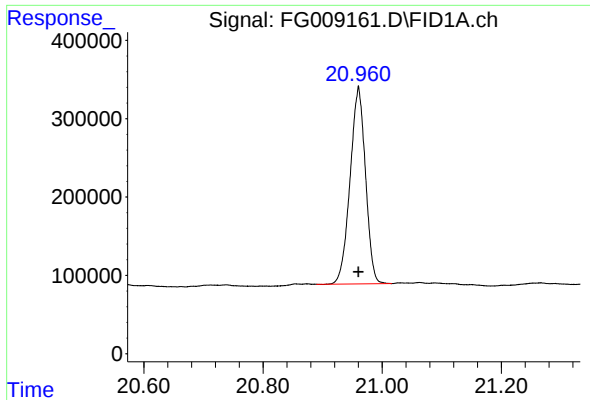
#15 N-TETRATRIACONTANE

R.T.: 19.459 min
Delta R.T.: -0.002 min
Response: 5081508
Conc: 51.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.203 min
Delta R.T.: 0.000 min
Response: 4795082
Conc: 51.02 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.960 min
Delta R.T.: 0.000 min
Response: 4504817
Conc: 48.58 ug/ml

Instrument :

FID_G

ClientSampleId :

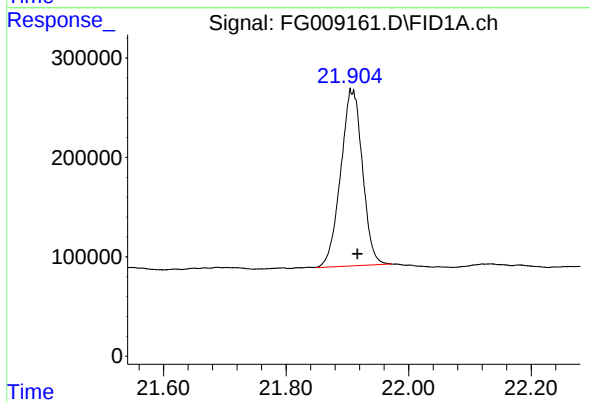
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#18 N-TETRACONTANE

R.T.: 21.904 min
Delta R.T.: -0.012 min
Response: 4359405
Conc: 44.30 ug/ml m