

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120321\
 Data File : FG009148.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2021 19:06
 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 :Ankita Jodhani 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: Sample.e
 Quant Time: Dec 03 22:23:02 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...	14.759	5223411	44.789 ug/ml
Target Compounds			
1) N-OCTANE	2.333	6976582	47.663 ug/ml
2) N-DECANE	4.438	7099498	47.930 ug/ml
3) N-DODECANE	6.469	7078027	47.816 ug/ml
4) N-TETRADECANE	8.274	6967100	48.152 ug/ml
5) N-HEXADECANE	9.881	6759061	47.803 ug/ml
6) N-OCTADECANE	11.332	6698852	46.196 ug/ml
7) N-EICOSANE	12.649	6484155	45.324 ug/ml
8) N-DOCOSANE	13.855	6141271	44.759 ug/ml
10) N-TETRACOSANE	14.964	5886810	44.730 ug/ml
11) N-HEXACOSANE	15.989	5558714	45.371 ug/ml
12) N-OCTACOSANE	16.946	5353183	46.951 ug/ml
13) N-TRIACONTANE	17.838	5235592	48.398 ug/ml
14) N-DOTRIACONTANE	18.675	5088539	49.492 ug/ml
15) N-TETRATRIACONTANE	19.463	4945104	50.000 ug/mlm
16) N-HEXATRIACONTANE	20.205	4667710	49.668 ug/mlm
17) N-OCTATRIACONTANE	20.966	4426628	47.735 ug/mlm
18) N-TETRACONTANE	21.918	4376699	44.473 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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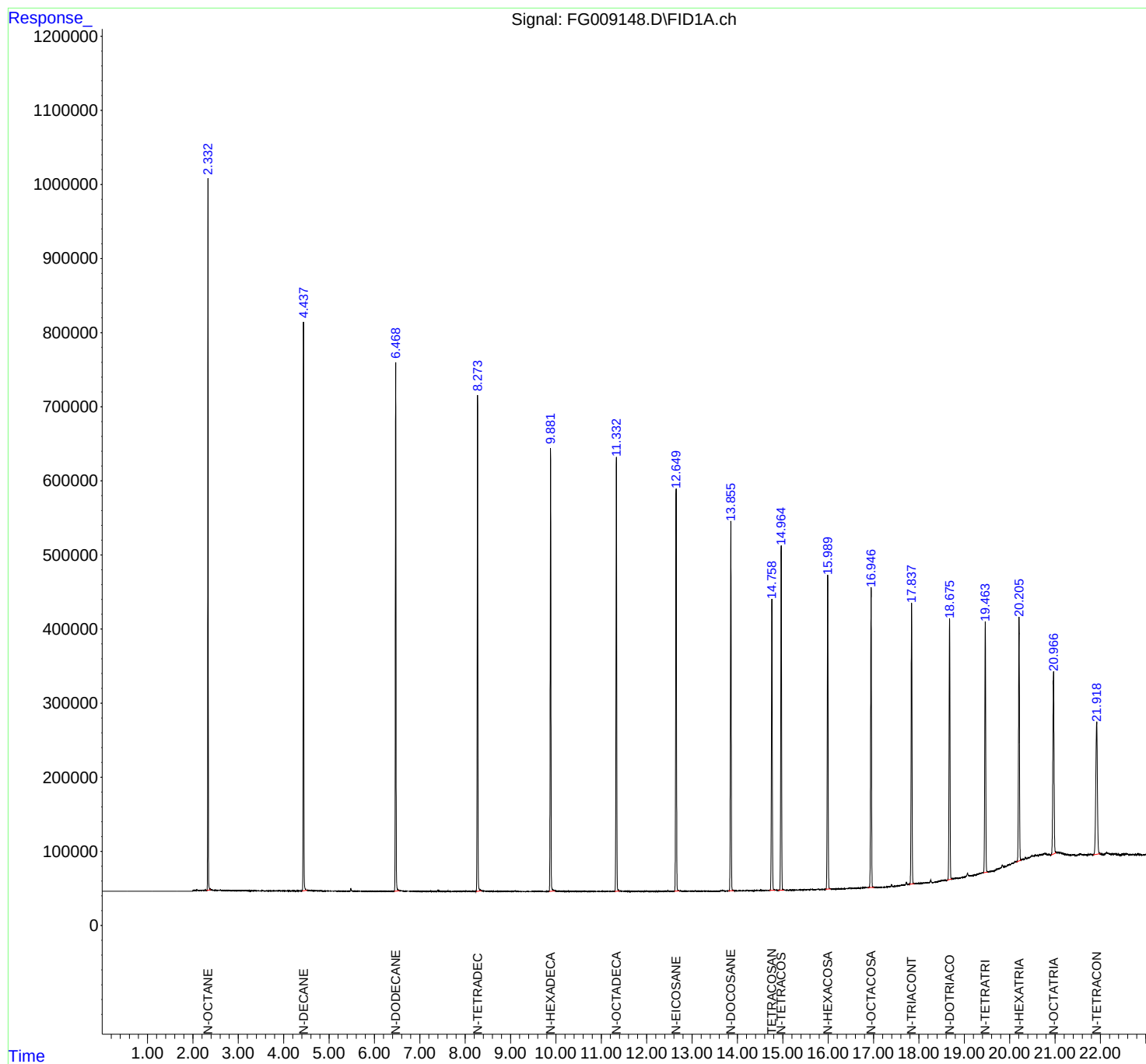
Instrument :
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50 PPM TRPH STD

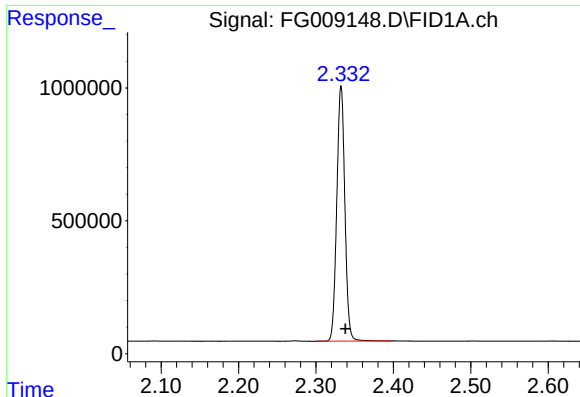
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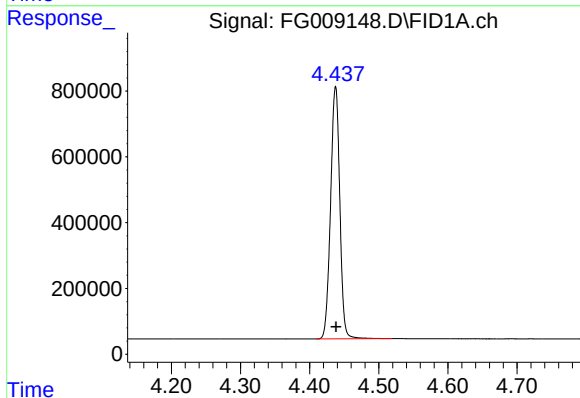
#1 N-OCTANE

R.T.: 2.333 min
Delta R.T.: -0.005 min
Response: 6976582
Conc: 47.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

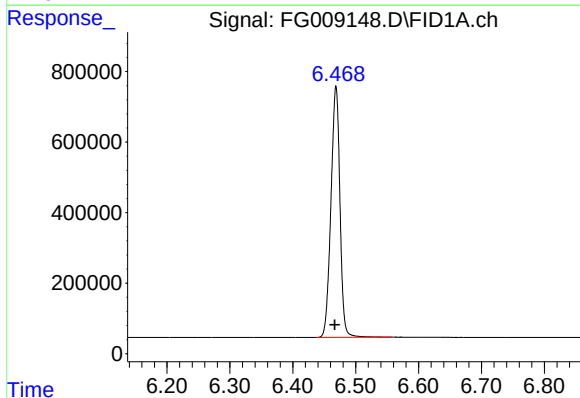
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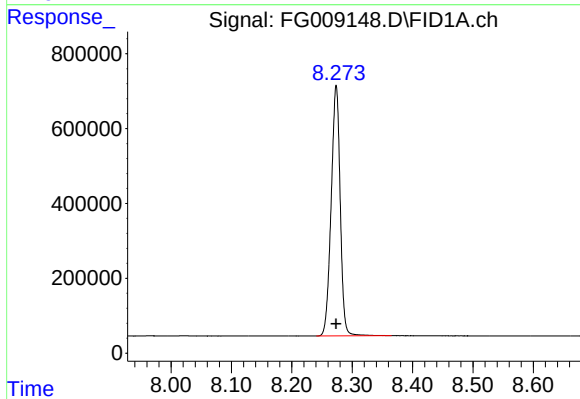
#2 N-DECANE

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 7099498
Conc: 47.93 ug/ml



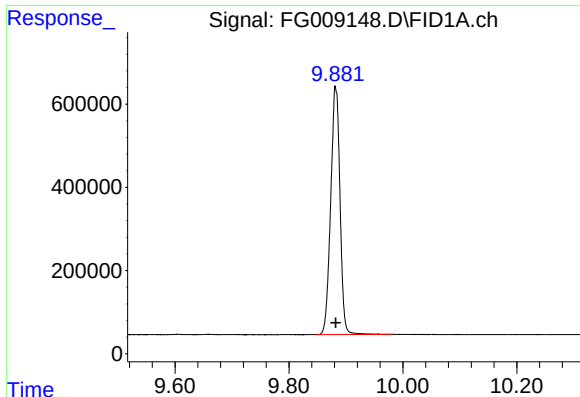
#3 N-DODECANE

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 7078027
Conc: 47.82 ug/ml



#4 N-TETRADECANE

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 6967100
Conc: 48.15 ug/ml



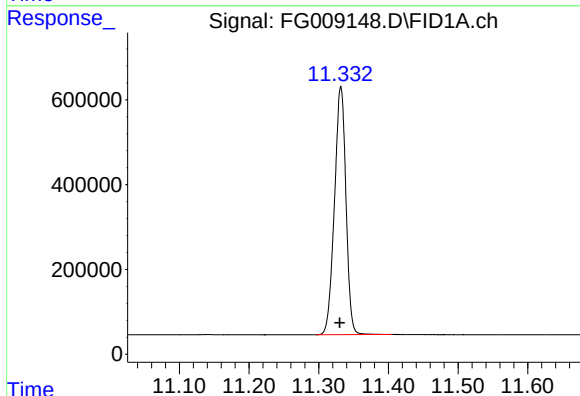
#5 N-HEXADECANE

R.T.: 9.881 min
Delta R.T.: 0.000 min
Response: 6759061
Conc: 47.80 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

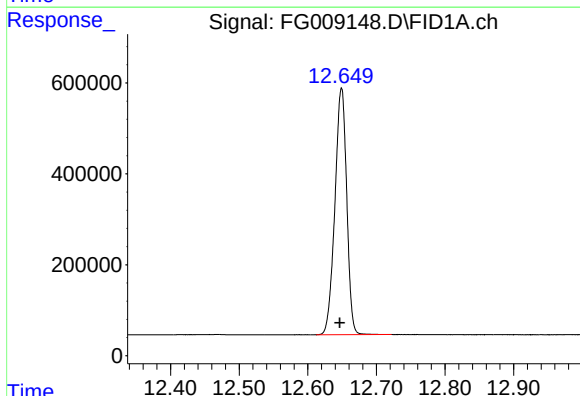
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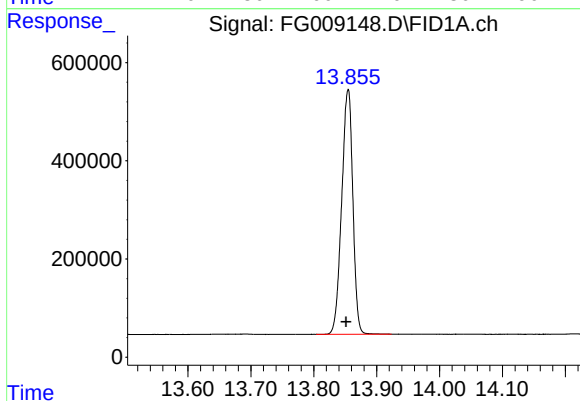
#6 N-OCTADECANE

R.T.: 11.332 min
Delta R.T.: 0.002 min
Response: 6698852
Conc: 46.20 ug/ml



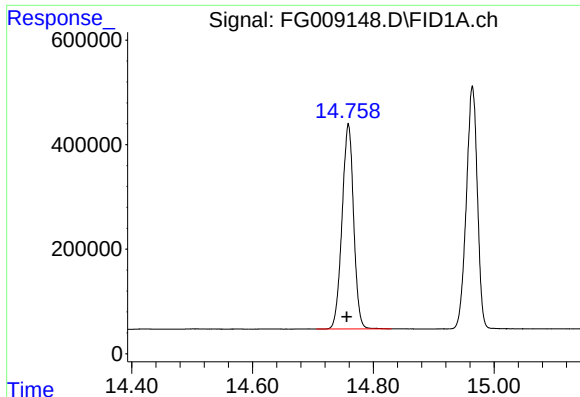
#7 N-EICOSANE

R.T.: 12.649 min
Delta R.T.: 0.003 min
Response: 6484155
Conc: 45.32 ug/ml



#8 N-DOCOSANE

R.T.: 13.855 min
Delta R.T.: 0.004 min
Response: 6141271
Conc: 44.76 ug/ml



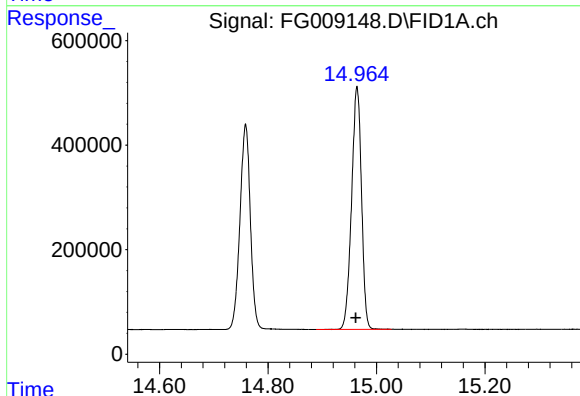
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.759 min
Delta R.T.: 0.002 min
Response: 5223411
Conc: 44.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

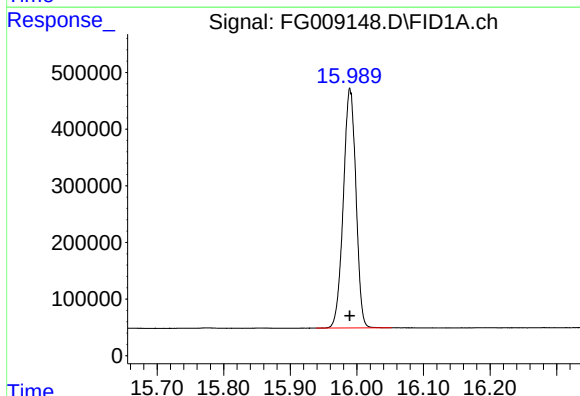
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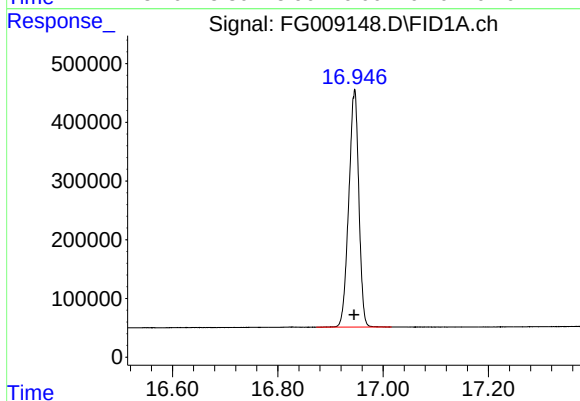
#10 N-TETRACOSANE

R.T.: 14.964 min
Delta R.T.: 0.002 min
Response: 5886810
Conc: 44.73 ug/ml



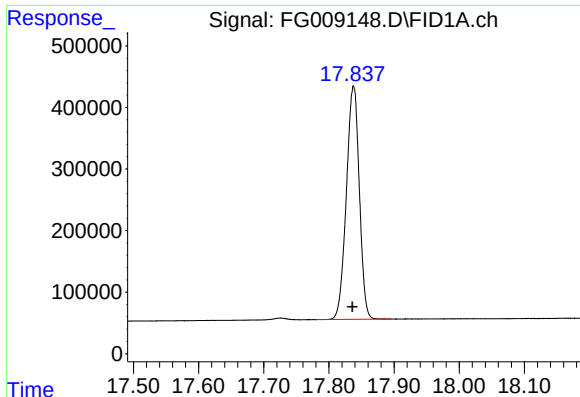
#11 N-HEXACOSANE

R.T.: 15.989 min
Delta R.T.: 0.000 min
Response: 5558714
Conc: 45.37 ug/ml



#12 N-OCTACOSANE

R.T.: 16.946 min
Delta R.T.: 0.002 min
Response: 5353183
Conc: 46.95 ug/ml



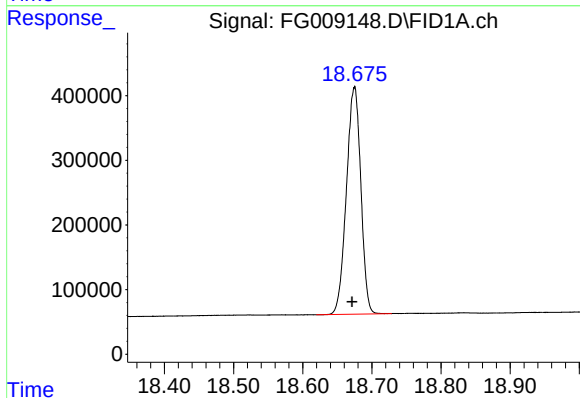
#13 N-TRIACONTANE

R.T.: 17.838 min
Delta R.T.: 0.002 min
Response: 5235592
Conc: 48.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

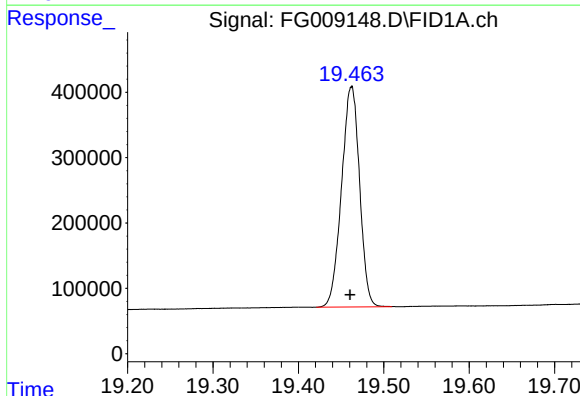
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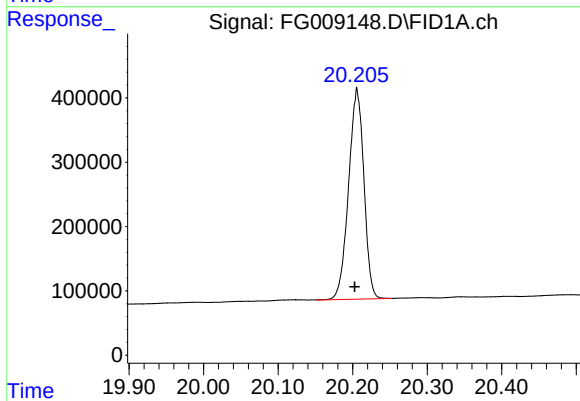
#14 N-DOTRIACONTANE

R.T.: 18.675 min
Delta R.T.: 0.003 min
Response: 5088539
Conc: 49.49 ug/ml



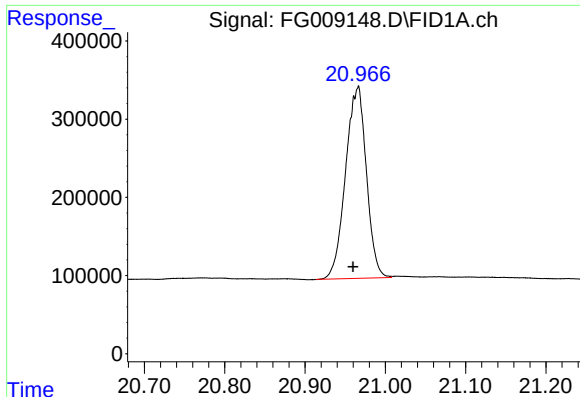
#15 N-TETRATRIACONTANE

R.T.: 19.463 min
Delta R.T.: 0.002 min
Response: 4945104
Conc: 50.00 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.205 min
Delta R.T.: 0.002 min
Response: 4667710
Conc: 49.67 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.966 min
Delta R.T.: 0.007 min
Response: 4426628
Conc: 47.73 ug/ml

Instrument :

FID_G

ClientSampleId :

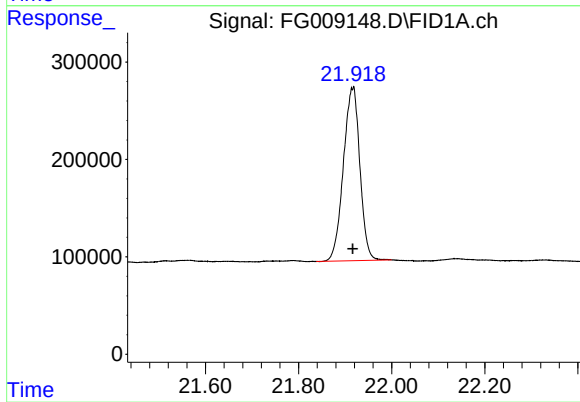
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#18 N-TETRACONTANE

R.T.: 21.918 min
Delta R.T.: 0.002 min
Response: 4376699
Conc: 44.47 ug/ml