

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061722\
 Data File : FG009898.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2022 15:28
 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 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: Sample.e
 Quant Time: Jun 17 23:44:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 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...	14.837	5096464	48.420 ug/ml
Target Compounds			
1) N-OCTANE	1.851	5940944	47.410 ug/ml
2) N-DECANE	4.357	6174741	48.894 ug/ml
3) N-DODECANE	6.534	6052264	47.974 ug/ml
4) N-TETRADECANE	8.365	5983629	47.092 ug/ml
5) N-HEXADECANE	9.975	5918121	46.921 ug/ml
6) N-OCTADECANE	11.421	5925864	46.951 ug/ml
7) N-EICOSANE	12.734	5799124	47.416 ug/ml
8) N-DOCOSANE	13.934	5733459	47.548 ug/ml
10) N-TETRACOSANE	15.041	5675381	48.424 ug/ml
11) N-HEXACOSANE	16.065	5659918	49.890 ug/ml
12) N-OCTACOSANE	17.018	5720811	49.993 ug/ml
13) N-TRIACONTANE	17.908	5979673	55.532 ug/ml
14) N-DOTRIACONTANE	18.744	6067254	57.641 ug/ml
15) N-TETRATRIACONTANE	19.530	5902022	61.469 ug/ml
16) N-HEXATRIACONTANE	20.272	5365903	66.396 ug/mlm
17) N-OCTATRIACONTANE	20.989	4645247	64.684 ug/ml
18) N-TETRACONTANE	21.849	4546220	64.740 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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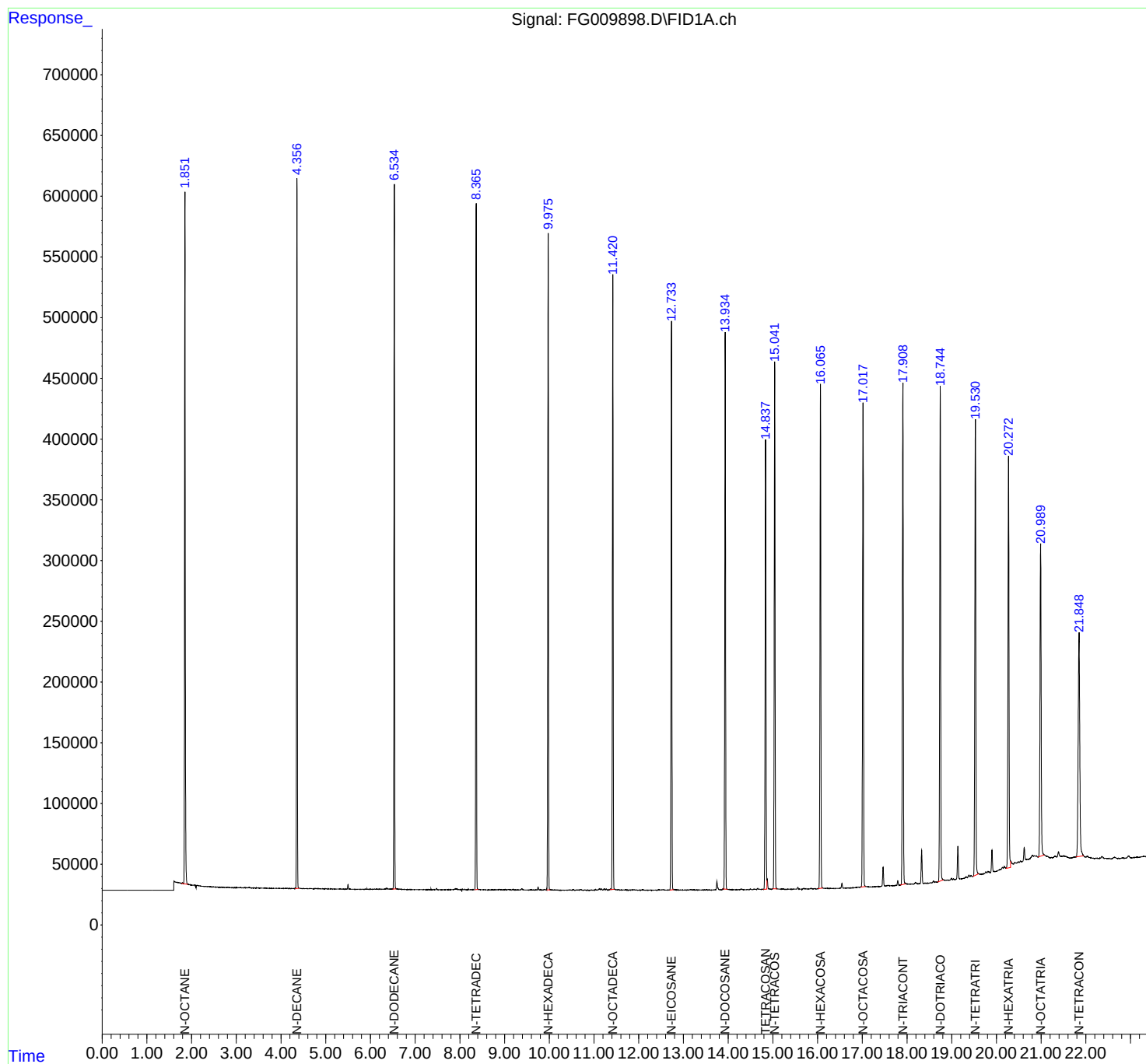
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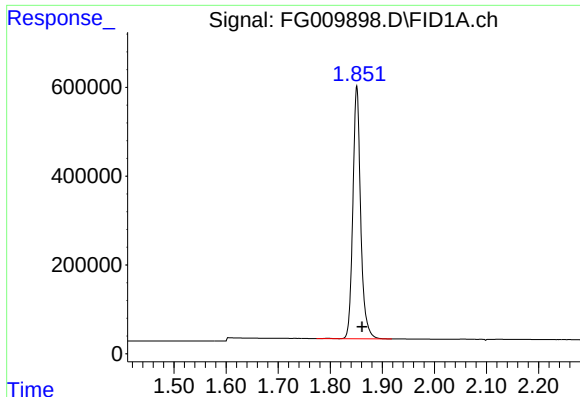
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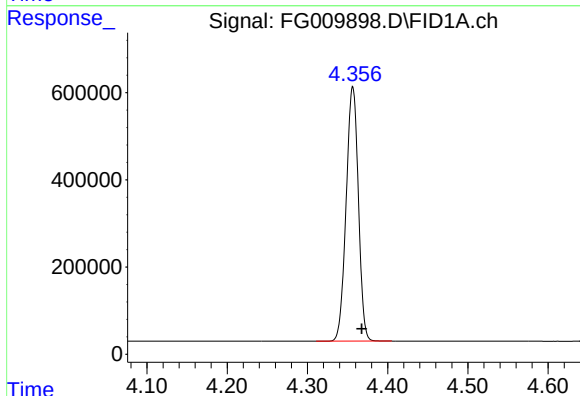
#1 N-OCTANE

R.T.: 1.851 min
Delta R.T.: -0.010 min
Response: 5940944
Conc: 47.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

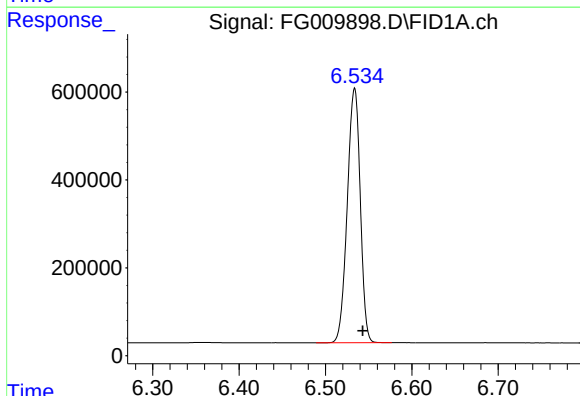
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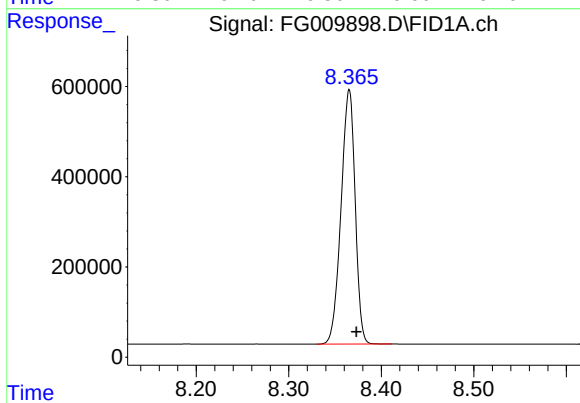
#2 N-DECANE

R.T.: 4.357 min
Delta R.T.: -0.011 min
Response: 6174741
Conc: 48.89 ug/ml



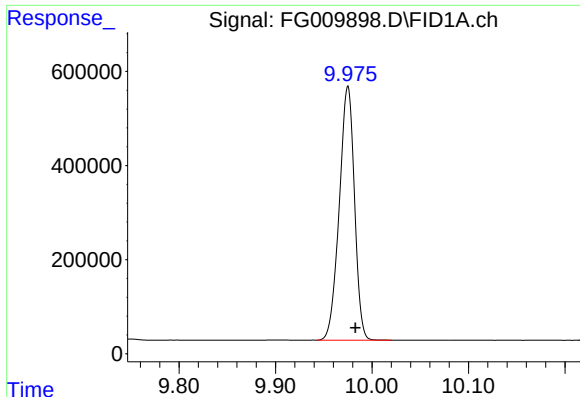
#3 N-DODECANE

R.T.: 6.534 min
Delta R.T.: -0.009 min
Response: 6052264
Conc: 47.97 ug/ml



#4 N-TETRADECANE

R.T.: 8.365 min
Delta R.T.: -0.008 min
Response: 5983629
Conc: 47.09 ug/ml



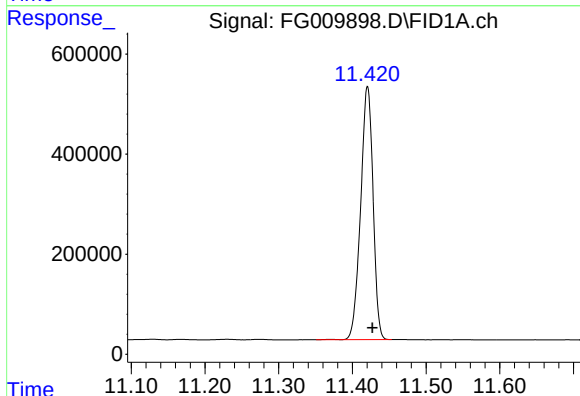
#5 N-HEXADECANE

R.T.: 9.975 min
Delta R.T.: -0.008 min
Response: 5918121
Conc: 46.92 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

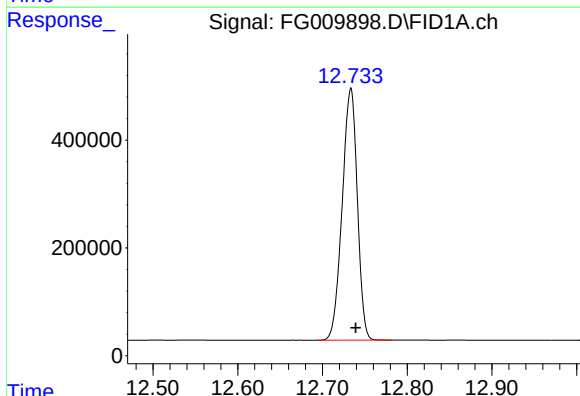
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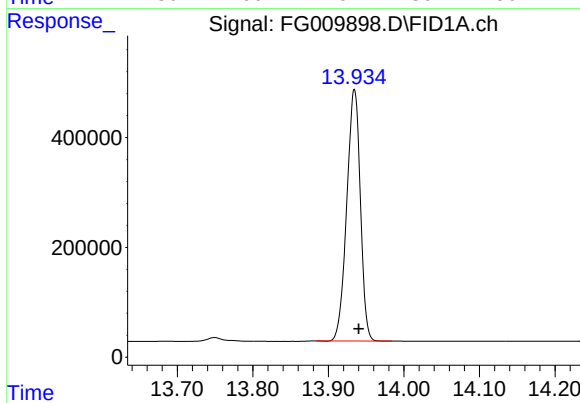
#6 N-OCTADECANE

R.T.: 11.421 min
Delta R.T.: -0.007 min
Response: 5925864
Conc: 46.95 ug/ml



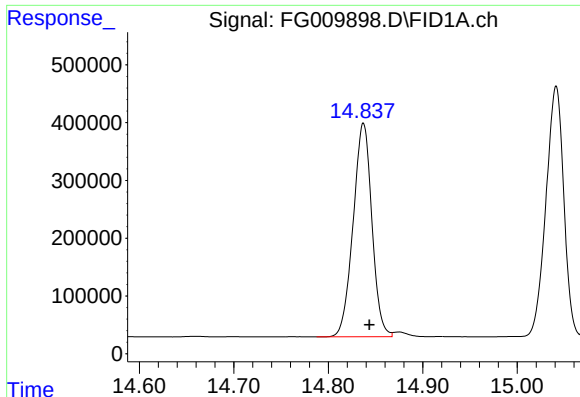
#7 N-EICOSANE

R.T.: 12.734 min
Delta R.T.: -0.006 min
Response: 5799124
Conc: 47.42 ug/ml



#8 N-DOCOSANE

R.T.: 13.934 min
Delta R.T.: -0.006 min
Response: 5733459
Conc: 47.55 ug/ml



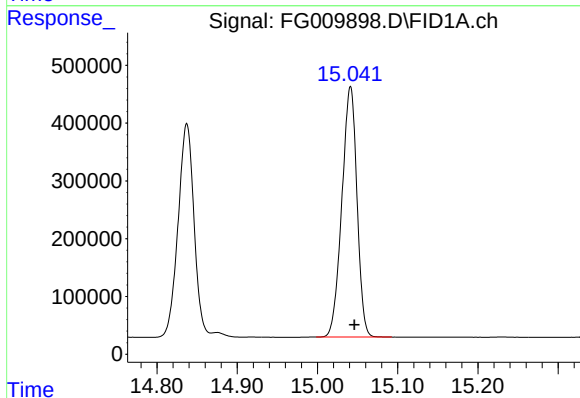
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.837 min
Delta R.T.: -0.006 min
Response: 5096464
Conc: 48.42 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

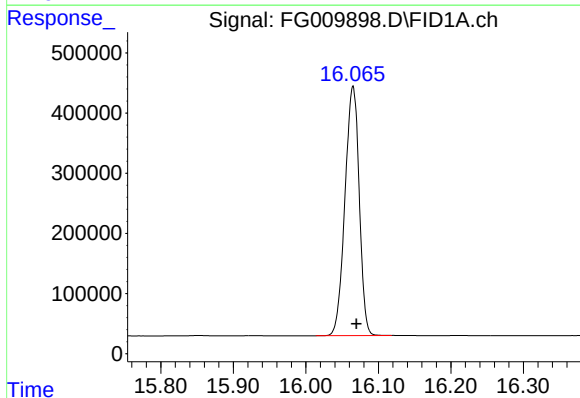
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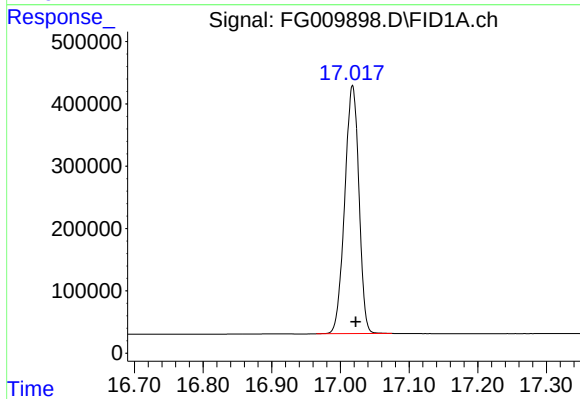
#10 N-TETRACOSANE

R.T.: 15.041 min
Delta R.T.: -0.005 min
Response: 5675381
Conc: 48.42 ug/ml



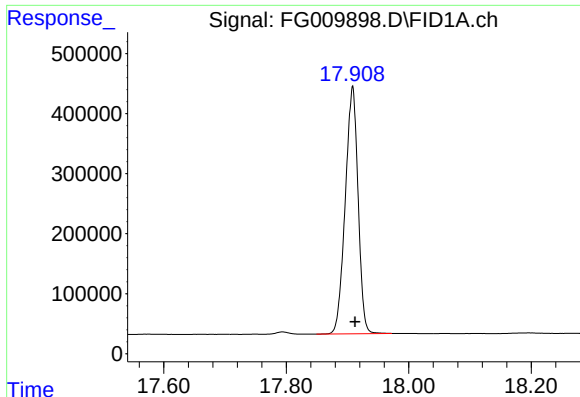
#11 N-HEXACOSANE

R.T.: 16.065 min
Delta R.T.: -0.005 min
Response: 5659918
Conc: 49.89 ug/ml



#12 N-OCTACOSANE

R.T.: 17.018 min
Delta R.T.: -0.005 min
Response: 5720811
Conc: 49.99 ug/ml



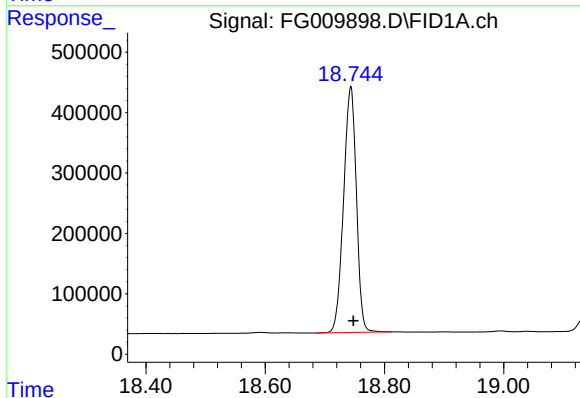
#13 N-TRIACONTANE

R.T.: 17.908 min
Delta R.T.: -0.004 min
Response: 5979673
Conc: 55.53 ug/ml

Instrument :
FID_G
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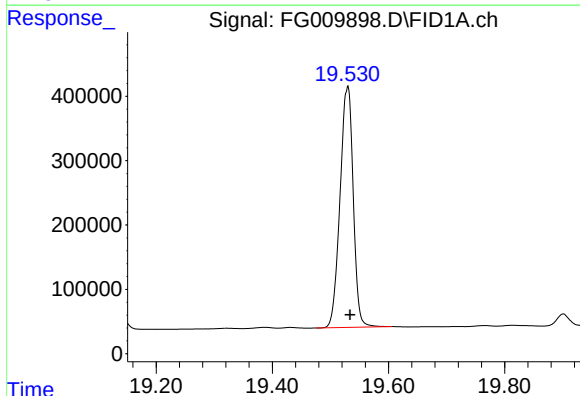
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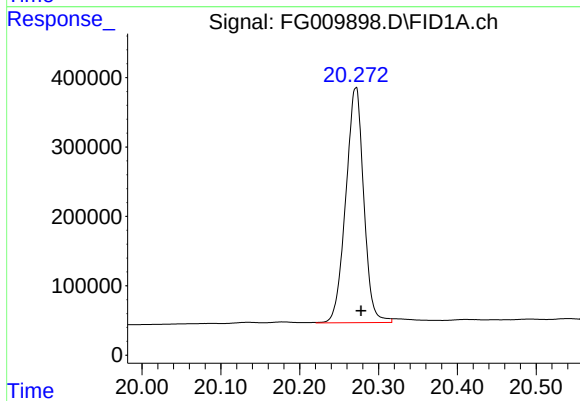
#14 N-DOTRIACONTANE

R.T.: 18.744 min
Delta R.T.: -0.005 min
Response: 6067254
Conc: 57.64 ug/ml



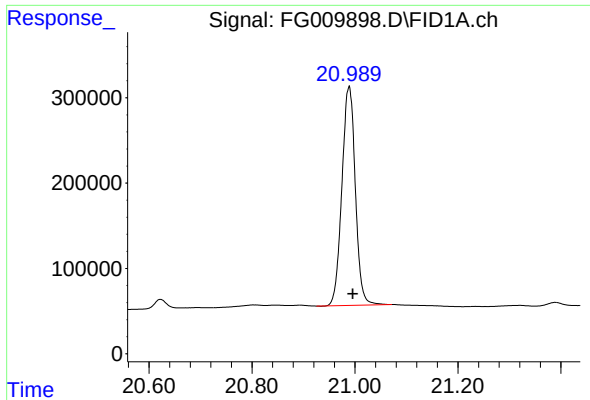
#15 N-TETRATRIACONTANE

R.T.: 19.530 min
Delta R.T.: -0.004 min
Response: 5902022
Conc: 61.47 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.272 min
Delta R.T.: -0.006 min
Response: 5365903
Conc: 66.40 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.989 min
Delta R.T.: -0.007 min
Response: 4645247
Conc: 64.68 ug/ml

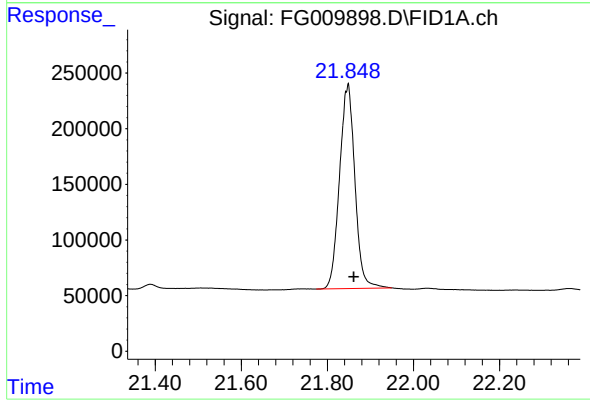
Instrument :

FID_G

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#18 N-TETRACONTANE

R.T.: 21.849 min
Delta R.T.: -0.013 min
Response: 4546220
Conc: 64.74 ug/ml