

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111521\
 Data File : FG009074.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2021 17:06
 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 :Ankita Jodhani 11/16/2021
 Supervised By :mohammad ahmed 11/16/2021

Integration File: autoint1.e
 Quant Time: Nov 16 00:57:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
 Quant Title :
 QLast Update : Tue Nov 02 01:56:13 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...	14.753	4942156	42.820 ug/ml
Target Compounds			
1) N-OCTANE	2.334	6525764	48.392 ug/ml
2) N-DECANE	4.440	6533685	48.321 ug/ml
3) N-DODECANE	6.469	6476514	47.698 ug/ml
4) N-TETRADECANE	8.273	6324170	47.616 ug/ml
5) N-HEXADECANE	9.881	6159878	46.466 ug/ml
6) N-OCTADECANE	11.330	6147744	44.837 ug/ml
7) N-EICOSANE	12.647	6001348	43.876 ug/ml
8) N-DOCOSANE	13.851	5768715	43.105 ug/ml
10) N-TETRACOSANE	14.959	5647582	42.755 ug/ml
11) N-HEXACOSANE	15.985	5475461	43.005 ug/ml
12) N-OCTACOSANE	16.941	5383451	43.790 ug/ml
13) N-TRIACONTANE	17.833	5320248	45.440 ug/ml
14) N-DOTRIACONTANE	18.670	5238080	48.113 ug/mlm
15) N-TETRATRIACONTANE	19.457	5253646	51.719 ug/mlm
16) N-HEXATRIACONTANE	20.200	5098744	54.056 ug/mlm
17) N-OCTATRIACONTANE	20.958	5059538	57.184 ug/ml
18) N-TETRACONTANE	21.905	4833362	54.708 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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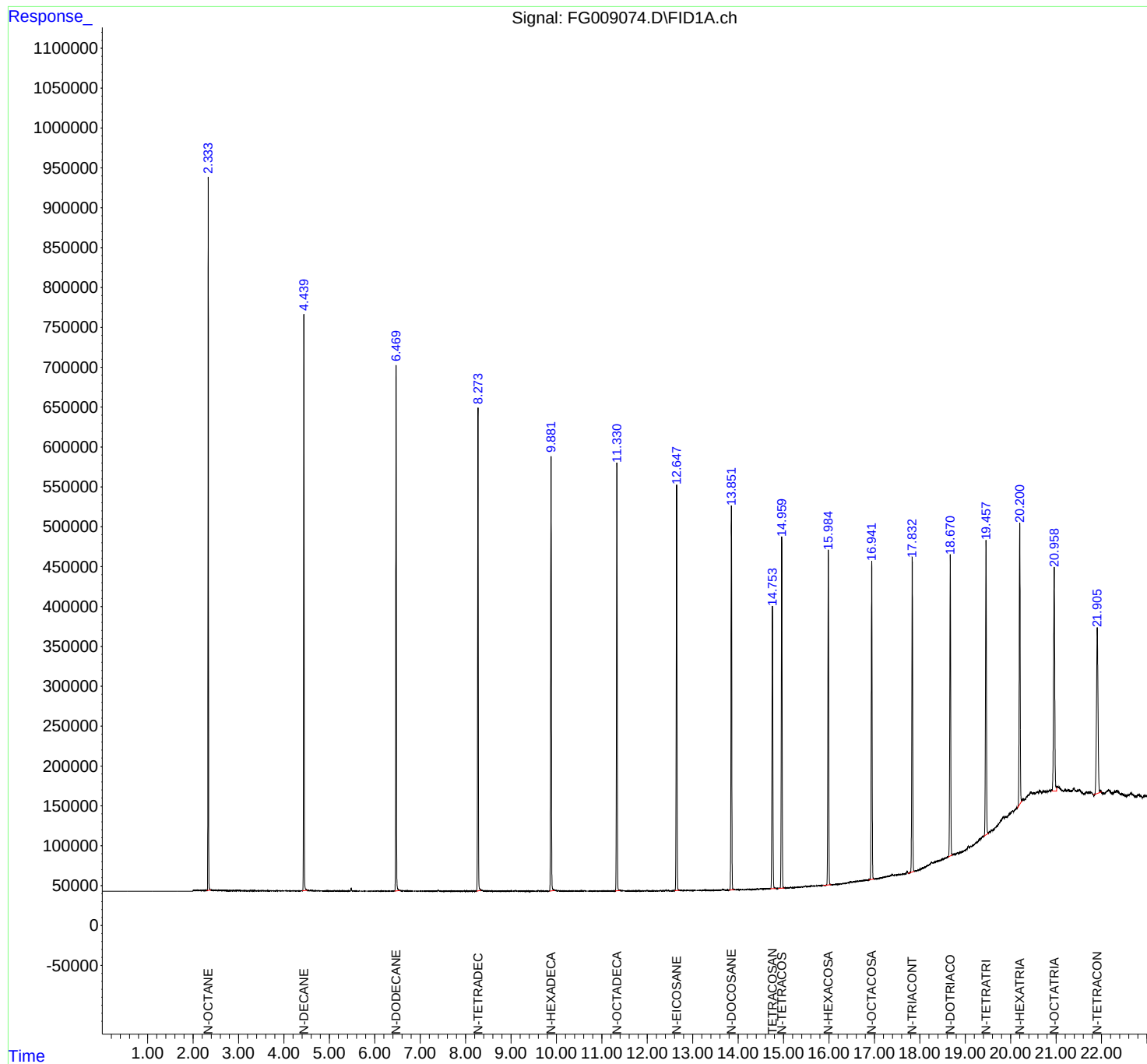
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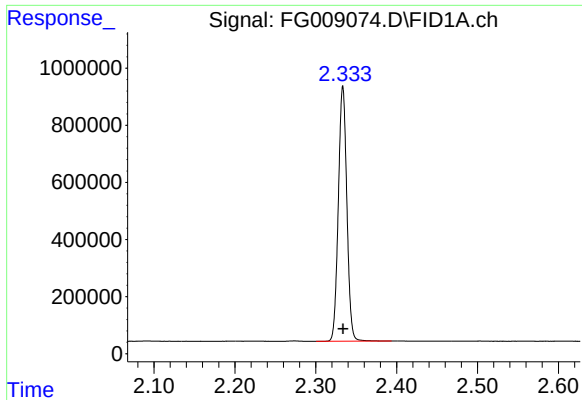
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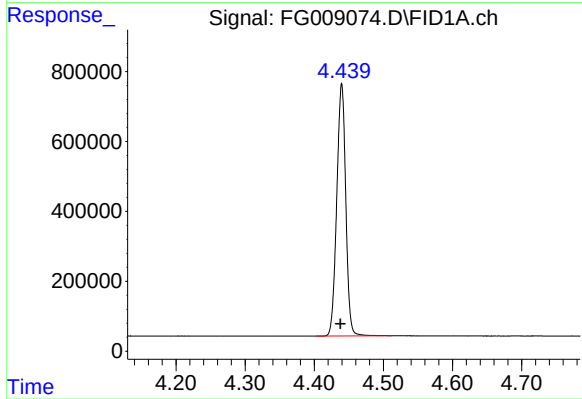
#1 N-OCTANE

R.T.: 2.334 min
Delta R.T.: 0.000 min
Response: 6525764
Conc: 48.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

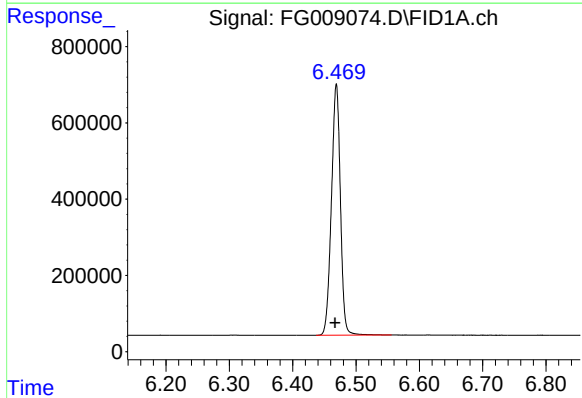
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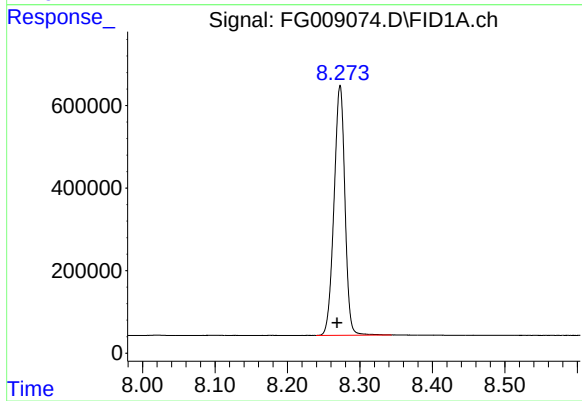
#2 N-DECANE

R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 6533685
Conc: 48.32 ug/ml



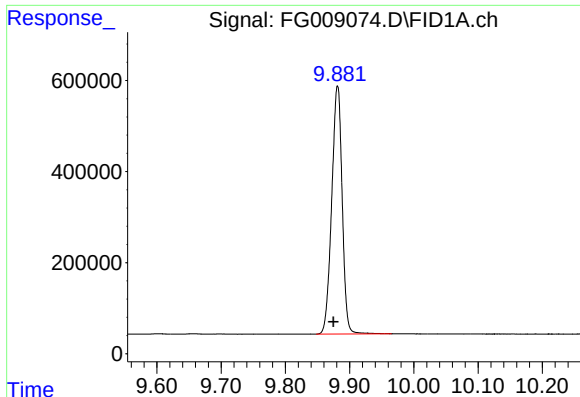
#3 N-DODECANE

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 6476514
Conc: 47.70 ug/ml



#4 N-TETRADECANE

R.T.: 8.273 min
Delta R.T.: 0.004 min
Response: 6324170
Conc: 47.62 ug/ml



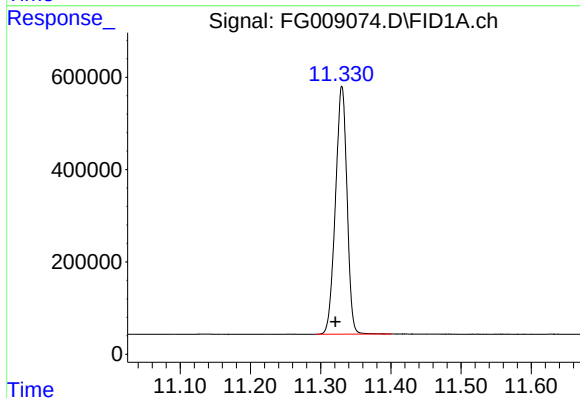
#5 N-HEXADECANE

R.T.: 9.881 min
Delta R.T.: 0.006 min
Response: 6159878
Conc: 46.47 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

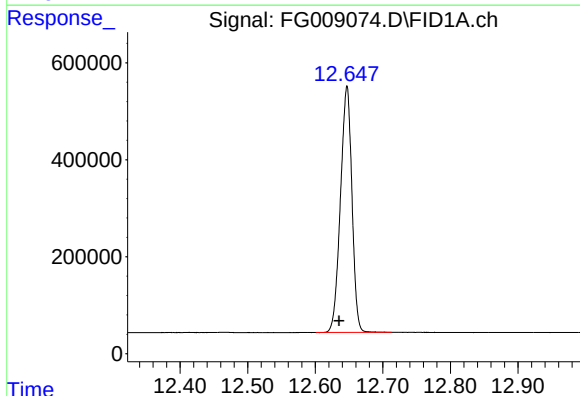
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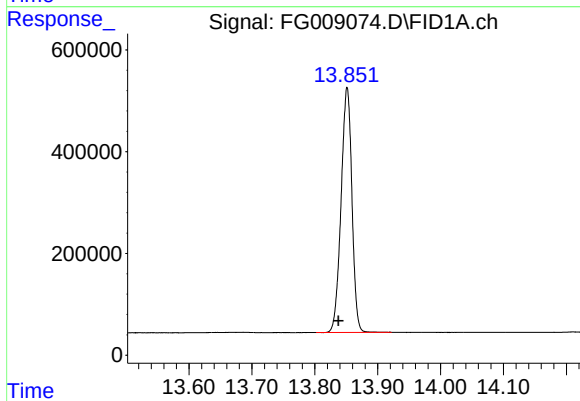
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: 0.009 min
Response: 6147744
Conc: 44.84 ug/ml



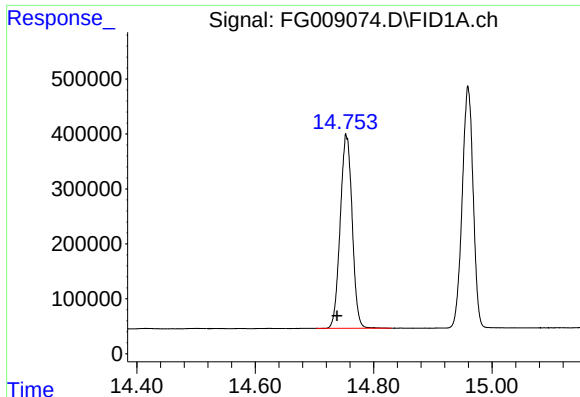
#7 N-EICOSANE

R.T.: 12.647 min
Delta R.T.: 0.012 min
Response: 6001348
Conc: 43.88 ug/ml



#8 N-DOCOSANE

R.T.: 13.851 min
Delta R.T.: 0.014 min
Response: 5768715
Conc: 43.10 ug/ml



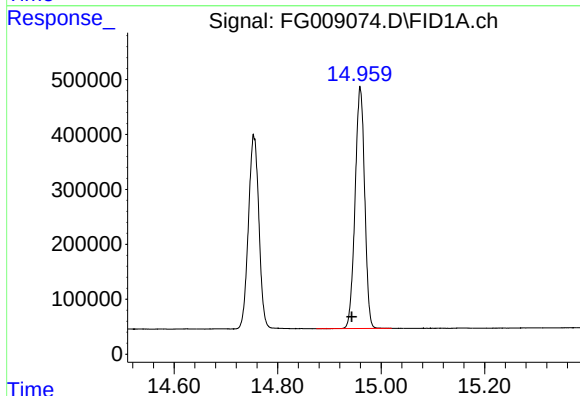
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.753 min
Delta R.T.: 0.015 min
Response: 4942156
Conc: 42.82 ug/ml

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50 PPM TRPH STD

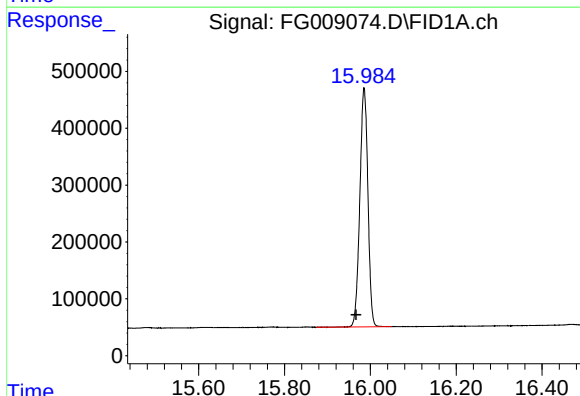
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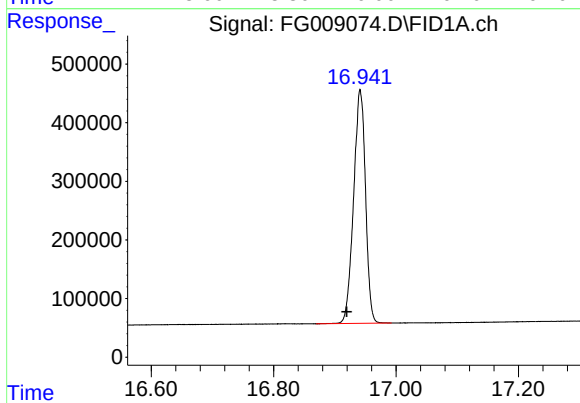
#10 N-TETRACOSANE

R.T.: 14.959 min
Delta R.T.: 0.016 min
Response: 5647582
Conc: 42.76 ug/ml



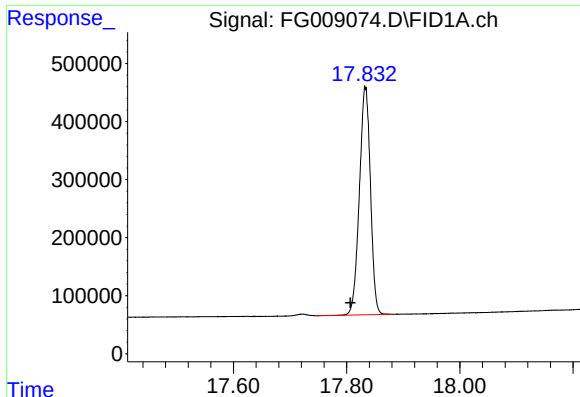
#11 N-HEXACOSANE

R.T.: 15.985 min
Delta R.T.: 0.018 min
Response: 5475461
Conc: 43.01 ug/ml



#12 N-OCTACOSANE

R.T.: 16.941 min
Delta R.T.: 0.022 min
Response: 5383451
Conc: 43.79 ug/ml



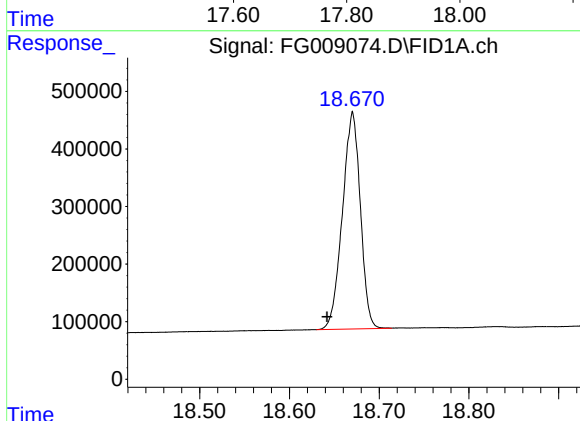
#13 N-TRIACONTANE

R.T.: 17.833 min
Delta R.T.: 0.026 min
Response: 5320248
Conc: 45.44 ug/ml

Instrument :
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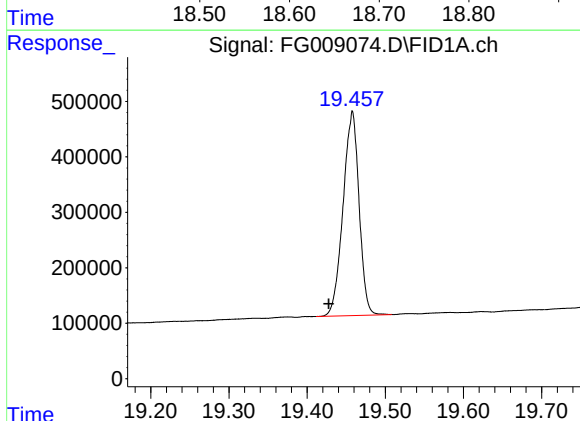
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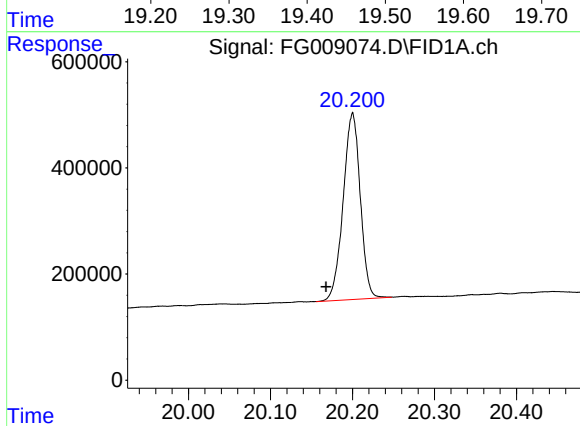
#14 N-DOTRIACONTANE

R.T.: 18.670 min
Delta R.T.: 0.028 min
Response: 5238080
Conc: 48.11 ug/ml m



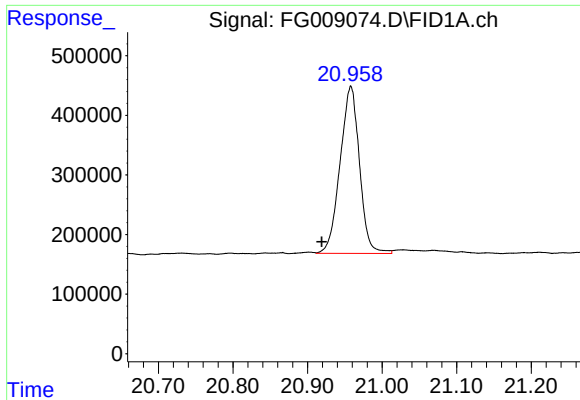
#15 N-TETRATRIACONTANE

R.T.: 19.457 min
Delta R.T.: 0.030 min
Response: 5253646
Conc: 51.72 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.200 min
Delta R.T.: 0.032 min
Response: 5098744
Conc: 54.06 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.958 min
Delta R.T.: 0.039 min
Response: 5059538
Conc: 57.18 ug/ml

Instrument :

FID_G

ClientSampleId :

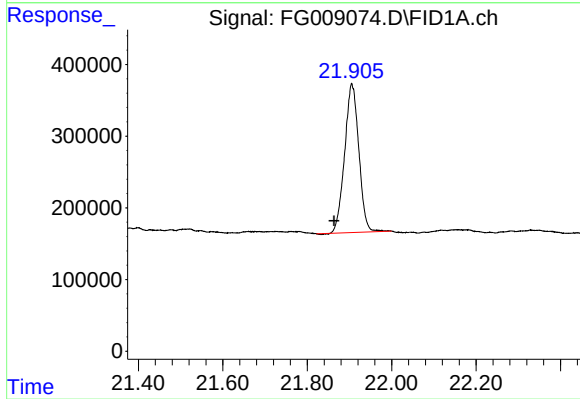
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#18 N-TETRACONTANE

R.T.: 21.905 min
Delta R.T.: 0.042 min
Response: 4833362
Conc: 54.71 ug/ml