

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111521\
 Data File : FG009087.D
 Signal(s) : FID1A.ch
 Acq On : 16 Nov 2021 00:13
 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 01:02:14 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...	14.756	4994467	43.273 ug/ml
Target Compounds			
1) N-OCTANE	2.334	6556847	48.622 ug/ml
2) N-DECANE	4.440	6584682	48.698 ug/ml
3) N-DODECANE	6.470	6532506	48.110 ug/ml
4) N-TETRADECANE	8.274	6402526	48.206 ug/ml
5) N-HEXADECANE	9.883	6227113	46.973 ug/ml
6) N-OCTADECANE	11.332	6216081	45.335 ug/ml
7) N-EICOSANE	12.648	6061314	44.315 ug/ml
8) N-DOCOSANE	13.853	5821247	43.497 ug/ml
10) N-TETRACOSANE	14.963	5681209	43.010 ug/ml
11) N-HEXACOSANE	15.988	5524407	43.390 ug/ml
12) N-OCTACOSANE	16.945	5450357	44.335 ug/ml
13) N-TRIACONTANE	17.836	5409712	46.204 ug/ml
14) N-DOTRIACONTANE	18.672	5300171	48.683 ug/mlm
15) N-TETRATRIACONTANE	19.457	5277948	51.958 ug/mlm
16) N-HEXATRIACONTANE	20.200	5120099	54.283 ug/mlm
17) N-OCTATRIACONTANE	20.956	5052135	57.100 ug/mlm
18) N-TETRACONTANE	21.911	4927736	55.777 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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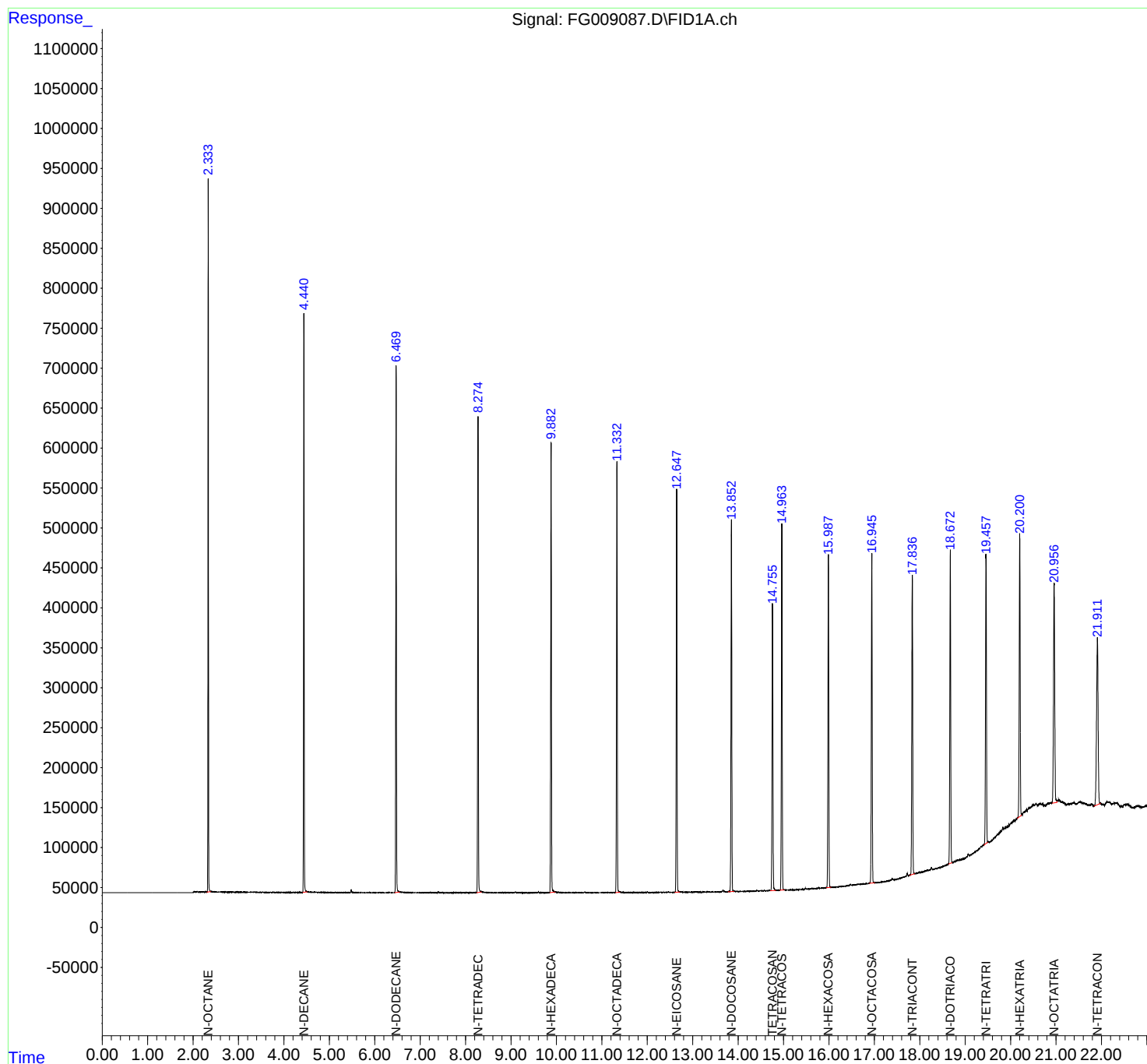
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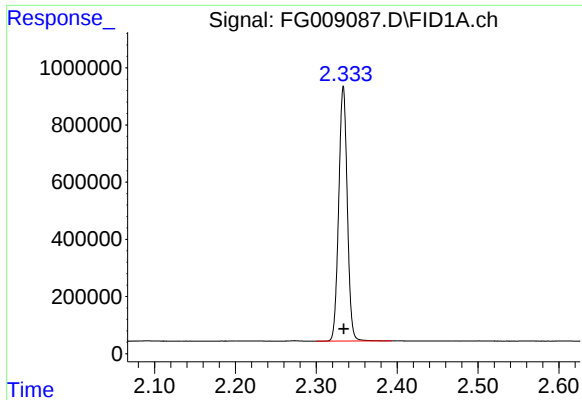
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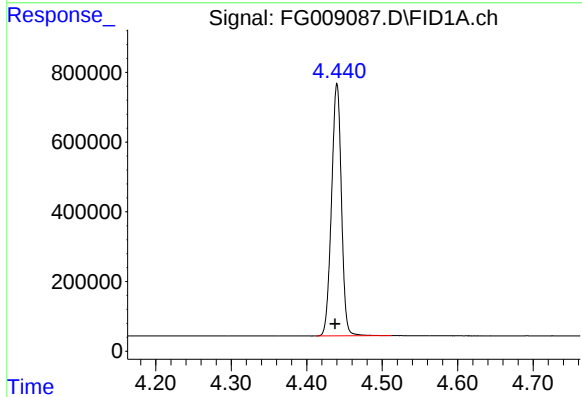
#1 N-OCTANE

R.T.: 2.334 min
Delta R.T.: 0.000 min
Response: 6556847
Conc: 48.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

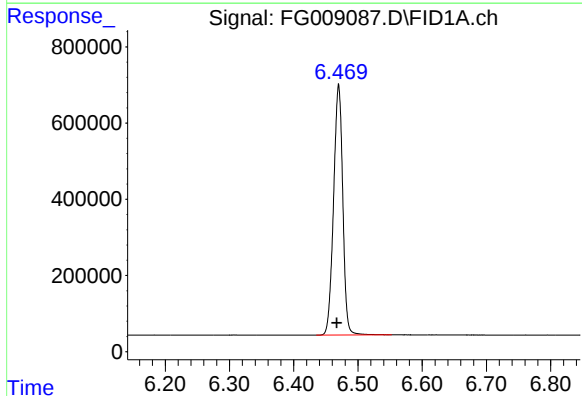
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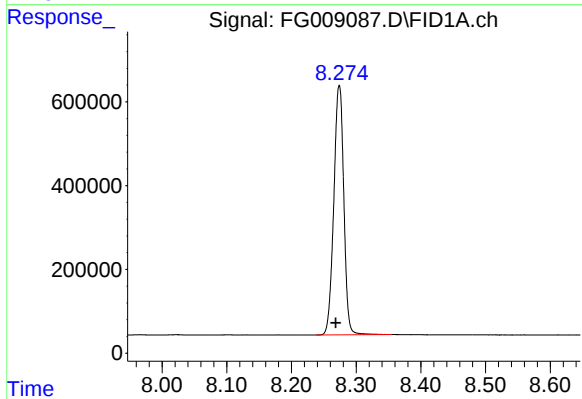
#2 N-DECANE

R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 6584682
Conc: 48.70 ug/ml



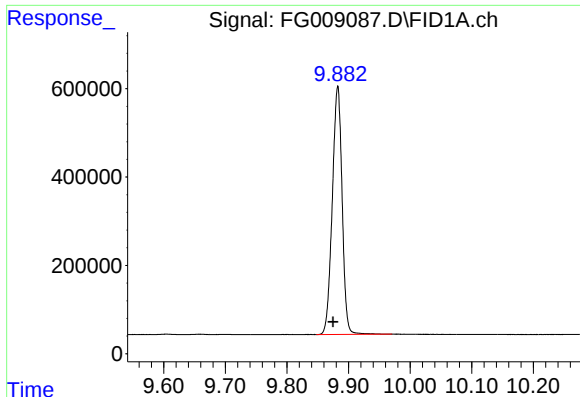
#3 N-DODECANE

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 6532506
Conc: 48.11 ug/ml



#4 N-TETRADECANE

R.T.: 8.274 min
Delta R.T.: 0.005 min
Response: 6402526
Conc: 48.21 ug/ml



#5 N-HEXADECANE

R.T.: 9.883 min
Delta R.T.: 0.008 min
Response: 6227113
Conc: 46.97 ug/ml

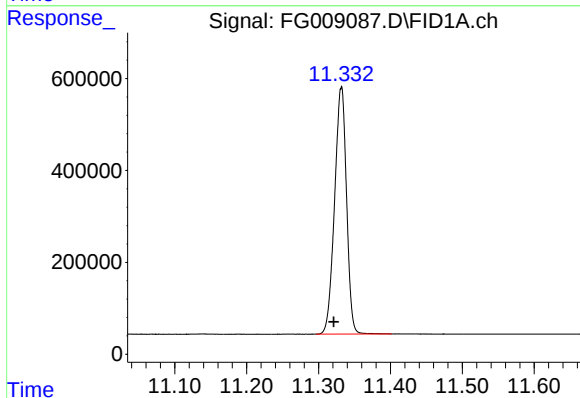
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

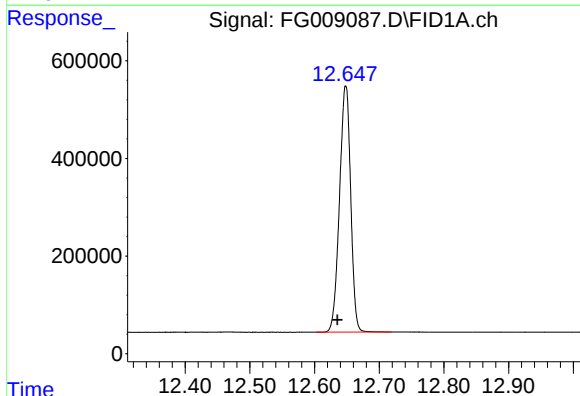
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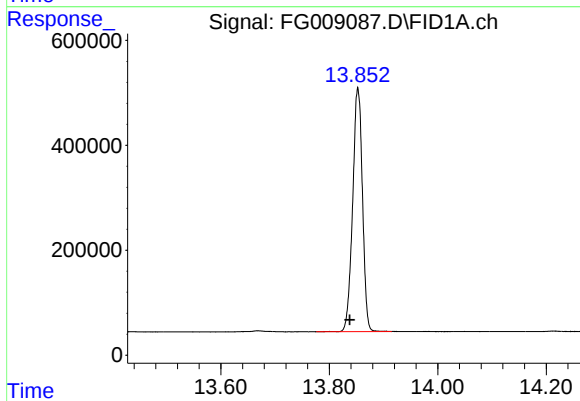
#6 N-OCTADECANE

R.T.: 11.332 min
Delta R.T.: 0.011 min
Response: 6216081
Conc: 45.34 ug/ml



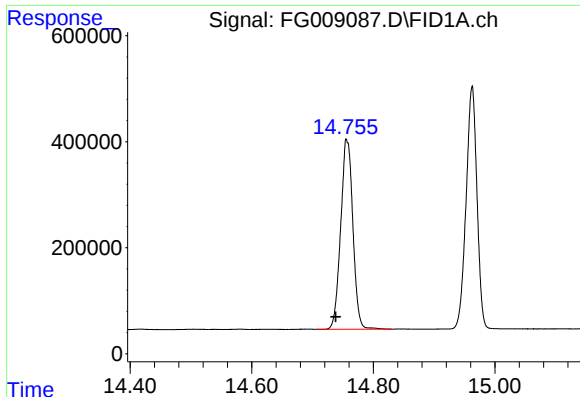
#7 N-EICOSANE

R.T.: 12.648 min
Delta R.T.: 0.013 min
Response: 6061314
Conc: 44.31 ug/ml



#8 N-DOCOSANE

R.T.: 13.853 min
Delta R.T.: 0.015 min
Response: 5821247
Conc: 43.50 ug/ml



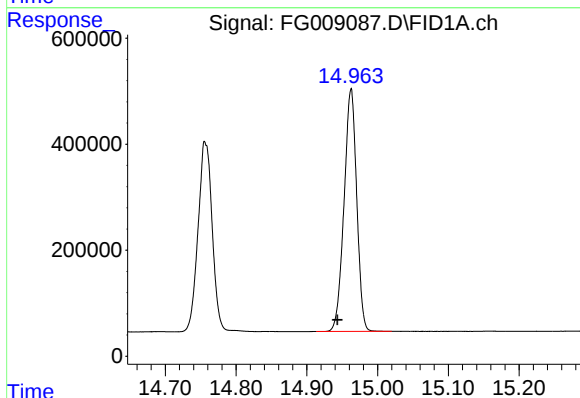
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.756 min
Delta R.T.: 0.018 min
Response: 4994467
Conc: 43.27 ug/ml

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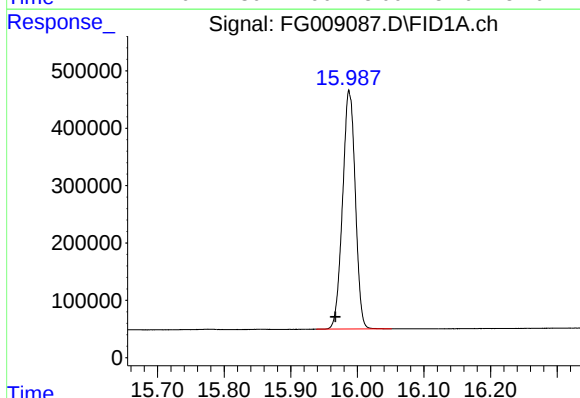
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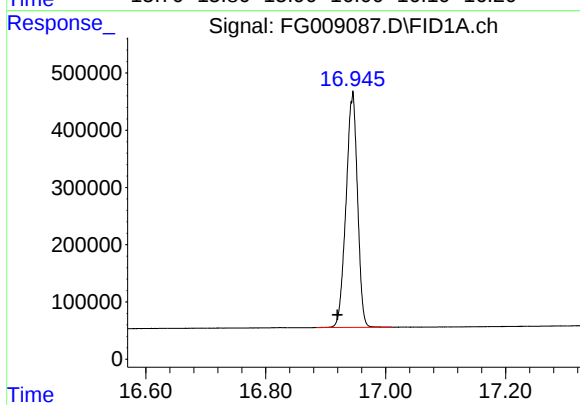
#10 N-TETRACOSANE

R.T.: 14.963 min
Delta R.T.: 0.019 min
Response: 5681209
Conc: 43.01 ug/ml



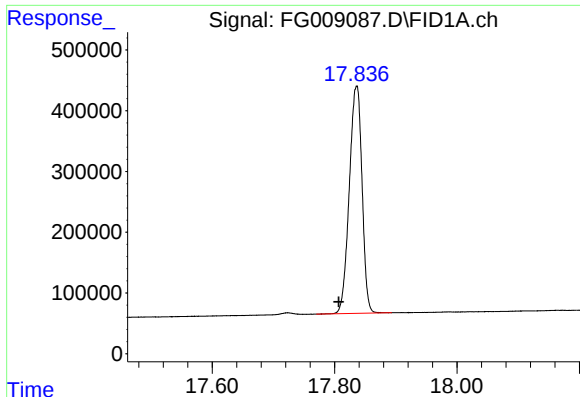
#11 N-HEXACOSANE

R.T.: 15.988 min
Delta R.T.: 0.021 min
Response: 5524407
Conc: 43.39 ug/ml



#12 N-OCTACOSANE

R.T.: 16.945 min
Delta R.T.: 0.026 min
Response: 5450357
Conc: 44.33 ug/ml



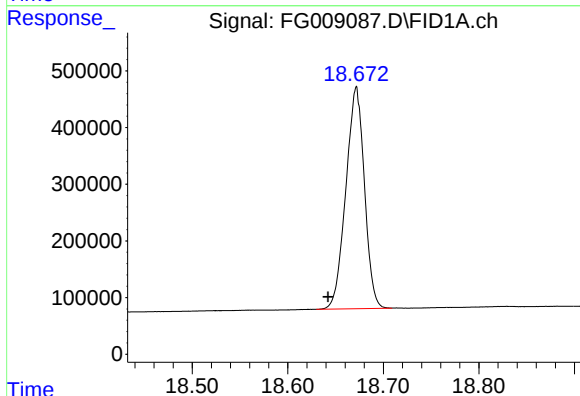
#13 N-TRIACONTANE

R.T.: 17.836 min
Delta R.T.: 0.029 min
Response: 5409712
Conc: 46.20 ug/ml

Instrument :
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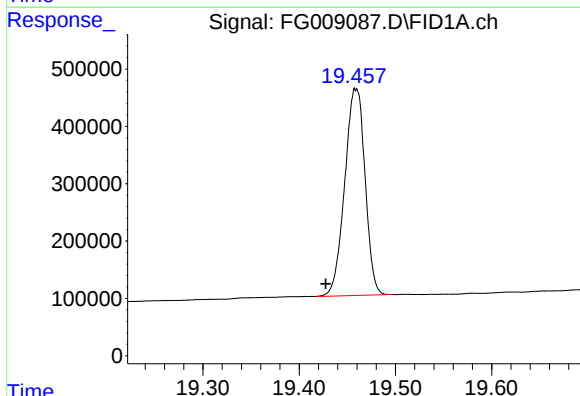
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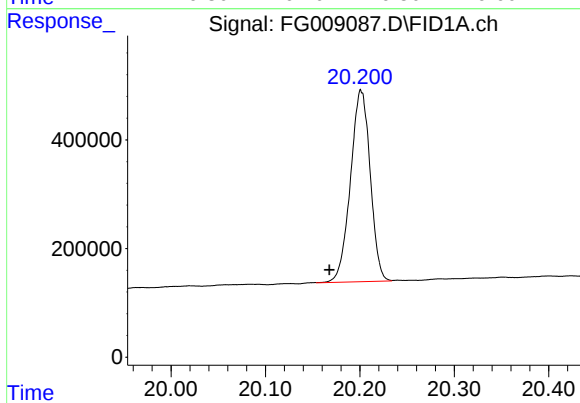
#14 N-DOTRIACONTANE

R.T.: 18.672 min
Delta R.T.: 0.030 min
Response: 5300171
Conc: 48.68 ug/ml m



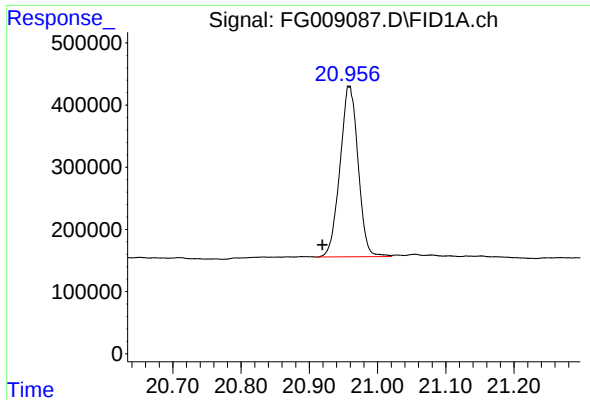
#15 N-TETRATRIACONTANE

R.T.: 19.457 min
Delta R.T.: 0.029 min
Response: 5277948
Conc: 51.96 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.200 min
Delta R.T.: 0.032 min
Response: 5120099
Conc: 54.28 ug/ml m



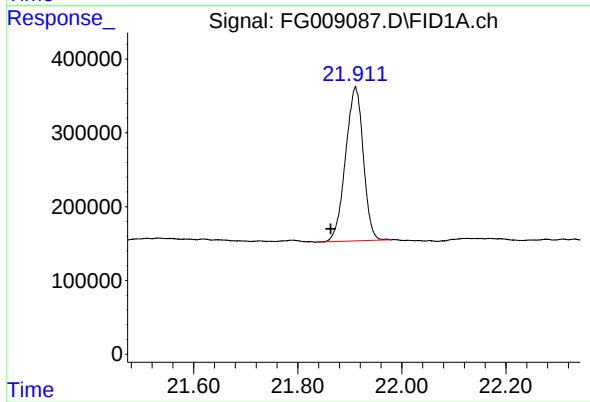
#17 N-OCTATRIACONTANE

R.T.: 20.956 min
Delta R.T.: 0.037 min
Response: 5052135
Conc: 57.10 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.911 min
Delta R.T.: 0.047 min
Response: 4927736
Conc: 55.78 ug/ml