

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071522\
 Data File : FG010146.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2022 17:27
 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 07/18/2022
 Supervised By :mohammad ahmed 07/18/2022

Integration File: Sample.e
 Quant Time: Jul 15 23:06:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062922.M
 Quant Title :
 QLast Update : Thu Jun 30 04:15:08 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...	14.818	5665708	47.648 ug/ml
Target Compounds			
1) N-OCTANE	1.831	5839501	46.968 ug/ml
2) N-DECANE	4.340	6276874	49.375 ug/ml
3) N-DODECANE	6.520	6419860	49.668 ug/ml
4) N-TETRADECANE	8.351	6542650	49.619 ug/ml
5) N-HEXADECANE	9.959	6574768	49.294 ug/ml
6) N-OCTADECANE	11.403	6643463	49.132 ug/ml
7) N-EICOSANE	12.715	6513572	48.626 ug/ml
8) N-DOCOSANE	13.916	6433785	48.085 ug/ml
10) N-TETRACOSANE	15.021	6313231	47.633 ug/ml
11) N-HEXACOSANE	16.045	6167215	47.035 ug/ml
12) N-OCTACOSANE	16.996	6111805	47.586 ug/ml
13) N-TRIACONTANE	17.884	5934366	47.163 ug/ml
14) N-DOTRIACONTANE	18.717	5790908	48.953 ug/ml
15) N-TETRATRIACONTANE	19.502	5478778	51.557 ug/ml
16) N-HEXATRIACONTANE	20.242	4550783	51.112 ug/mlm
17) N-OCTATRIACONTANE	20.956	4526425	58.125 ug/mlm
18) N-TETRACONTANE	21.809	4873798	62.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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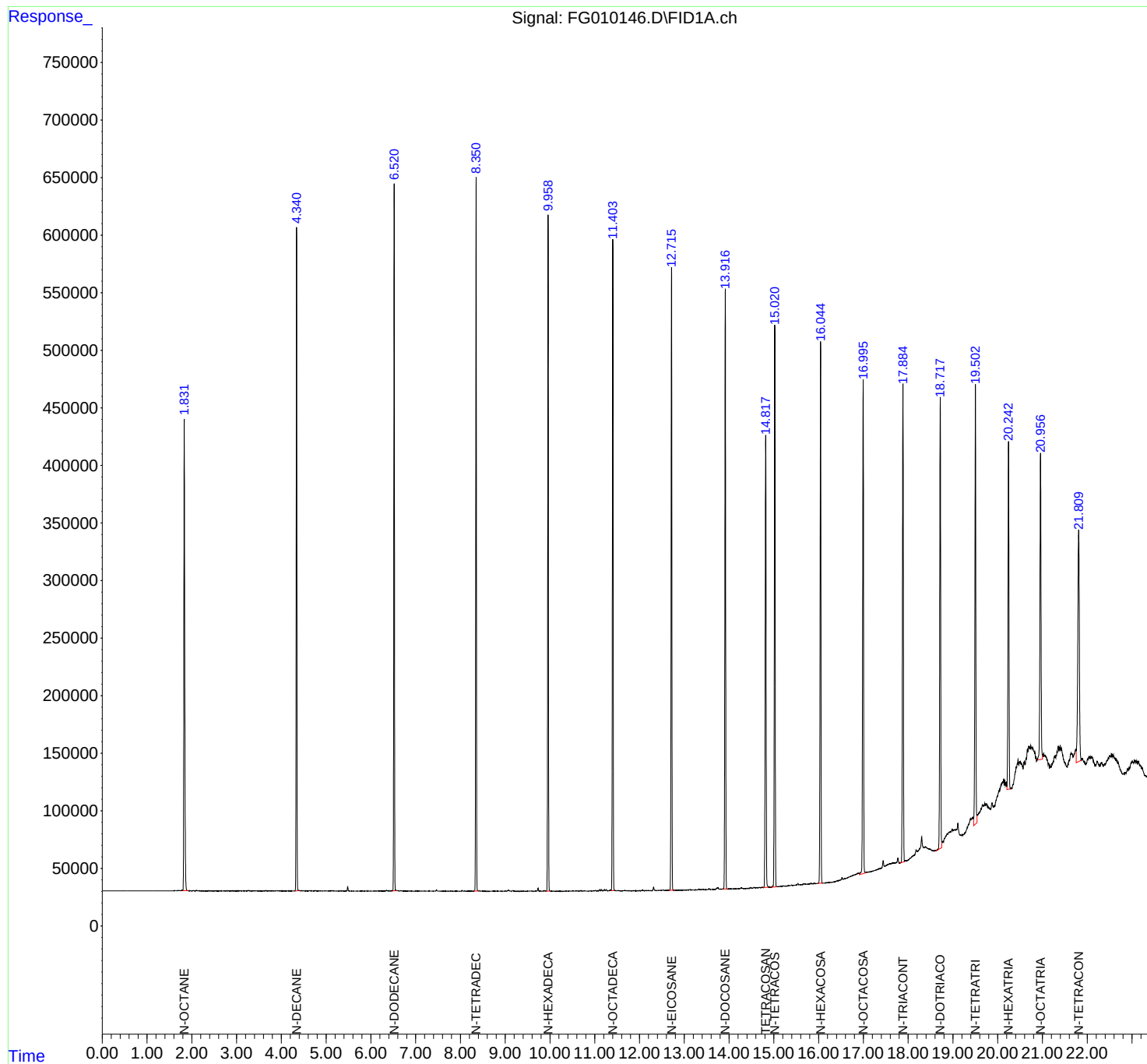
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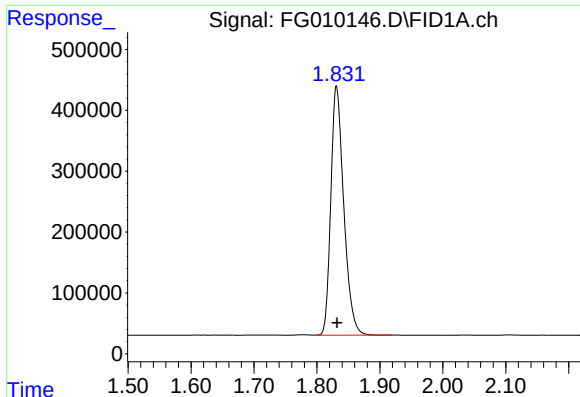
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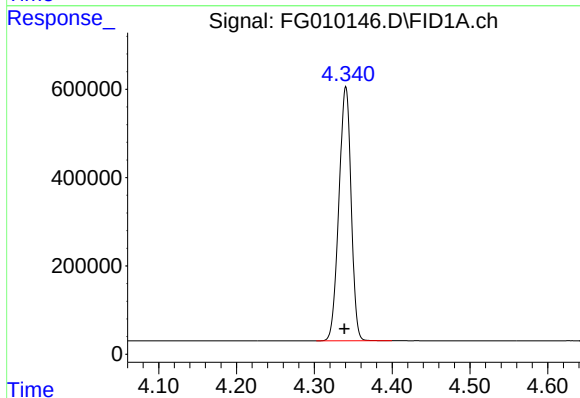
#1 N-OCTANE

R.T.: 1.831 min
Delta R.T.: 0.000 min
Response: 5839501
Conc: 46.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

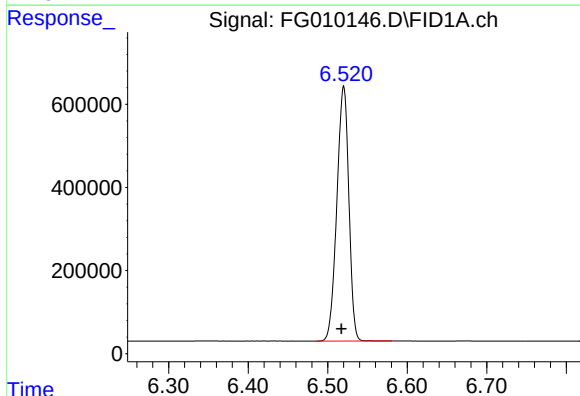
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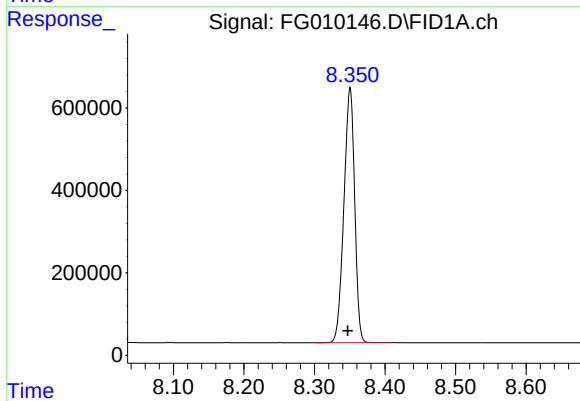
#2 N-DECANE

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 6276874
Conc: 49.38 ug/ml



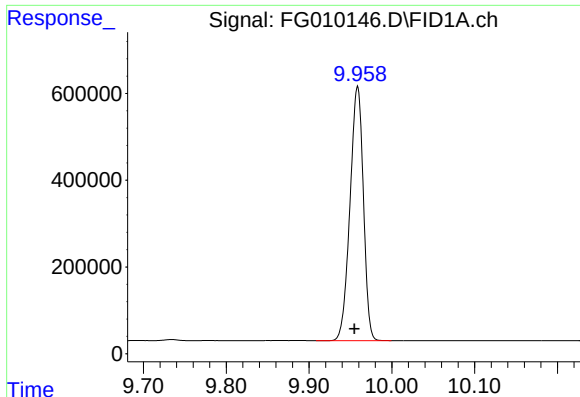
#3 N-DODECANE

R.T.: 6.520 min
Delta R.T.: 0.003 min
Response: 6419860
Conc: 49.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.351 min
Delta R.T.: 0.004 min
Response: 6542650
Conc: 49.62 ug/ml



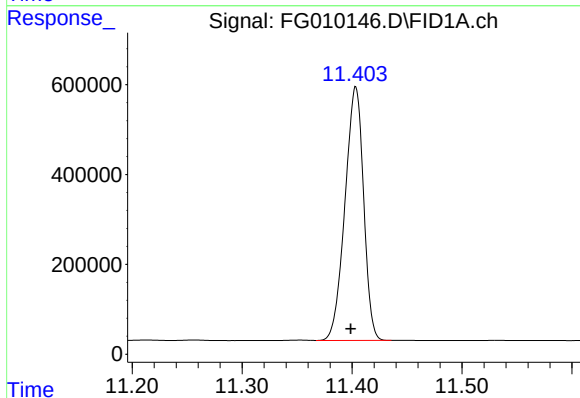
#5 N-HEXADECANE

R.T.: 9.959 min
Delta R.T.: 0.004 min
Response: 6574768
Conc: 49.29 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

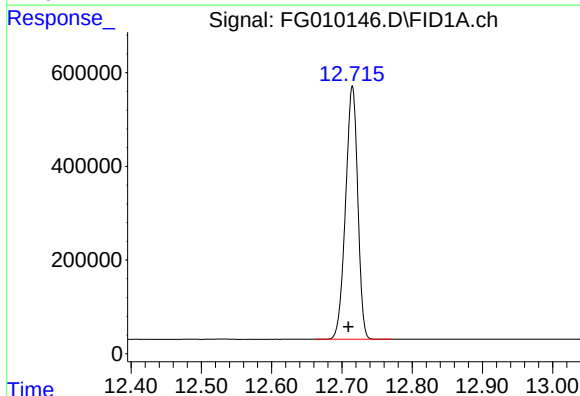
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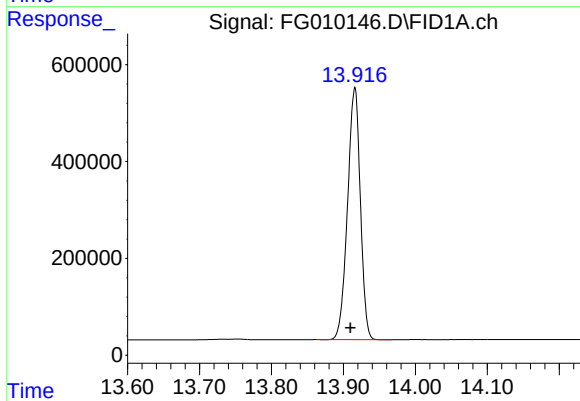
#6 N-OCTADECANE

R.T.: 11.403 min
Delta R.T.: 0.005 min
Response: 6643463
Conc: 49.13 ug/ml



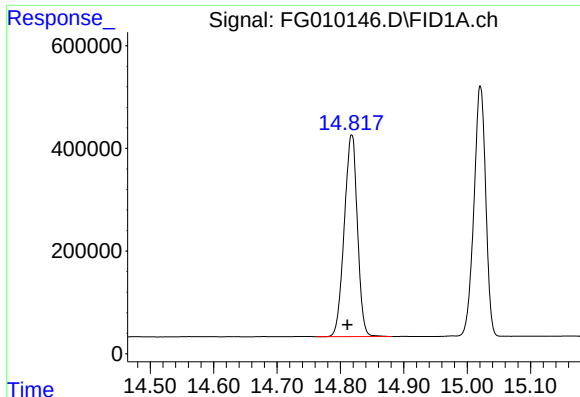
#7 N-EICOSANE

R.T.: 12.715 min
Delta R.T.: 0.006 min
Response: 6513572
Conc: 48.63 ug/ml



#8 N-DOCOSANE

R.T.: 13.916 min
Delta R.T.: 0.006 min
Response: 6433785
Conc: 48.09 ug/ml



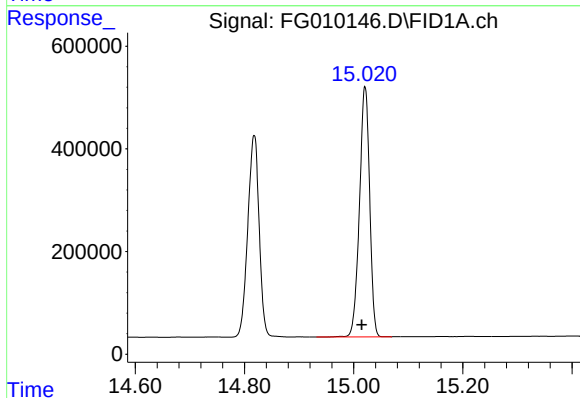
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.818 min
Delta R.T.: 0.007 min
Response: 5665708
Conc: 47.65 ug/ml

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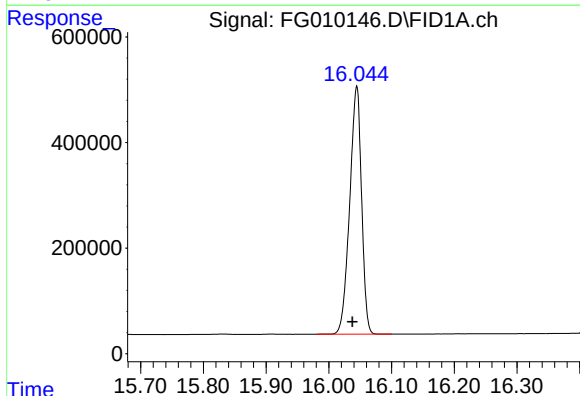
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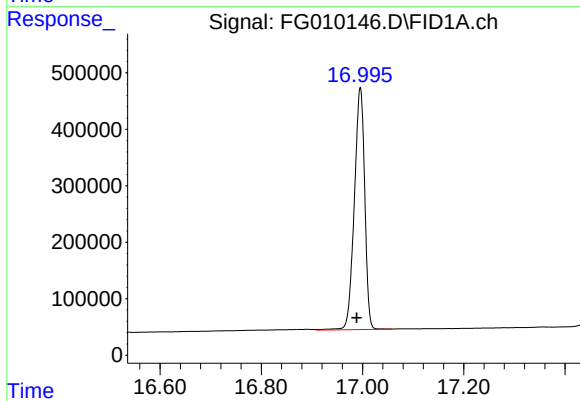
#10 N-TETRACOSANE

R.T.: 15.021 min
Delta R.T.: 0.006 min
Response: 6313231
Conc: 47.63 ug/ml



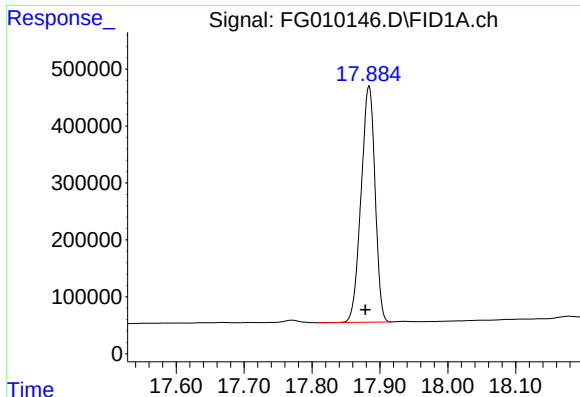
#11 N-HEXACOSANE

R.T.: 16.045 min
Delta R.T.: 0.007 min
Response: 6167215
Conc: 47.04 ug/ml



#12 N-OCTACOSANE

R.T.: 16.996 min
Delta R.T.: 0.007 min
Response: 6111805
Conc: 47.59 ug/ml



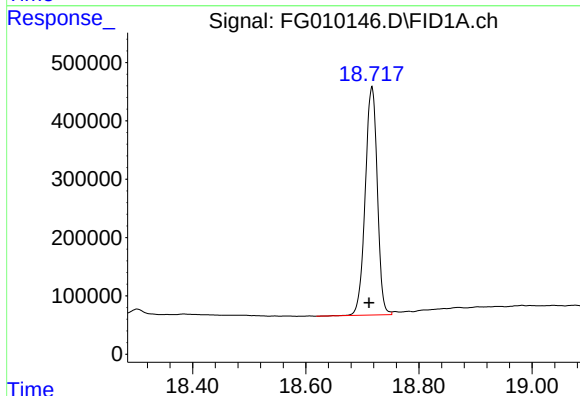
#13 N-TRIACONTANE

R.T.: 17.884 min
Delta R.T.: 0.005 min
Response: 5934366
Conc: 47.16 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

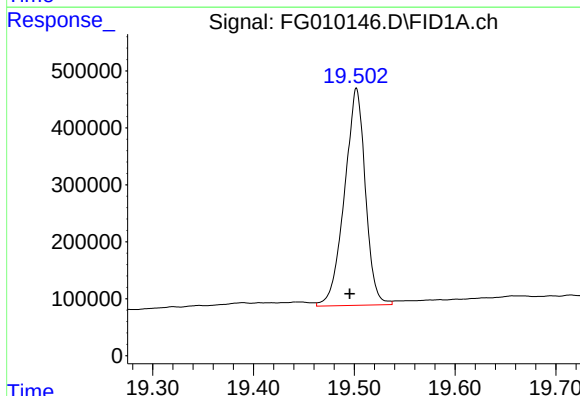
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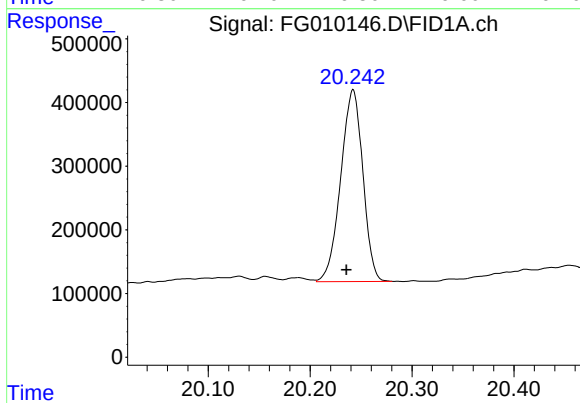
#14 N-DOTRIACONTANE

R.T.: 18.717 min
Delta R.T.: 0.005 min
Response: 5790908
Conc: 48.95 ug/ml



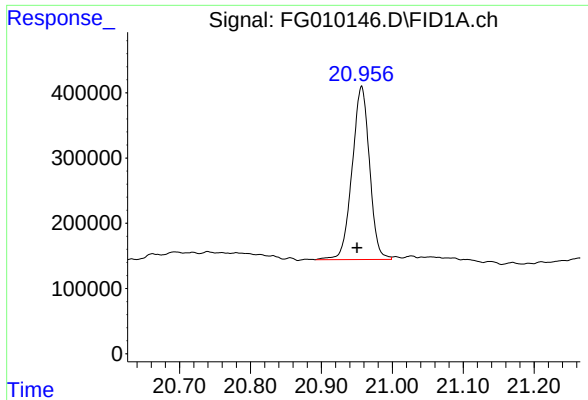
#15 N-TETRATRIACONTANE

R.T.: 19.502 min
Delta R.T.: 0.007 min
Response: 5478778
Conc: 51.56 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.242 min
Delta R.T.: 0.006 min
Response: 4550783
Conc: 51.11 ug/ml m



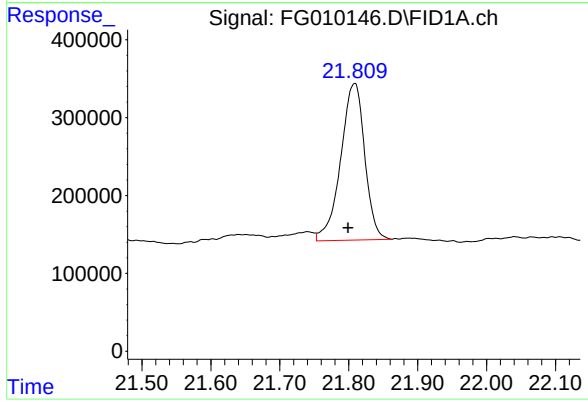
#17 N-OCTATRIACONTANE

R.T.: 20.956 min
Delta R.T.: 0.006 min
Response: 4526425
Conc: 58.12 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.809 min
Delta R.T.: 0.010 min
Response: 4873798
Conc: 62.20 ug/ml