

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062422\
 Data File : FG009958.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2022 21:34
 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 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 25 01:04:44 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...	14.823	5260728	49.980 ug/mlm
Target Compounds			
1) N-OCTANE	1.834	5296118	42.265 ug/ml
2) N-DECANE	4.344	5743642	45.480 ug/ml
3) N-DODECANE	6.524	5830384	46.215 ug/ml
4) N-TETRADECANE	8.354	5939015	46.741 ug/ml
5) N-HEXADECANE	9.963	6000043	47.571 ug/ml
6) N-OCTADECANE	11.407	6083101	48.197 ug/ml
7) N-EICOSANE	12.718	5982845	48.918 ug/ml
8) N-DOCOSANE	13.920	5933990	49.211 ug/ml
10) N-TETRACOSANE	15.026	5810864	49.580 ug/ml
11) N-HEXACOSANE	16.049	5712161	50.351 ug/ml
12) N-OCTACOSANE	17.002	5574468	48.714 ug/ml
13) N-TRIACONTANE	17.892	5501369	51.090 ug/ml
14) N-DOTRIACONTANE	18.727	5177628	49.190 ug/ml
15) N-TETRATRIACONTANE	19.513	4637835	48.303 ug/ml
16) N-HEXATRIACONTANE	20.253	3873496	47.929 ug/ml
17) N-OCTATRIACONTANE	20.970	3415329	47.557 ug/ml
18) N-TETRACONTANE	21.825	3588853	51.107 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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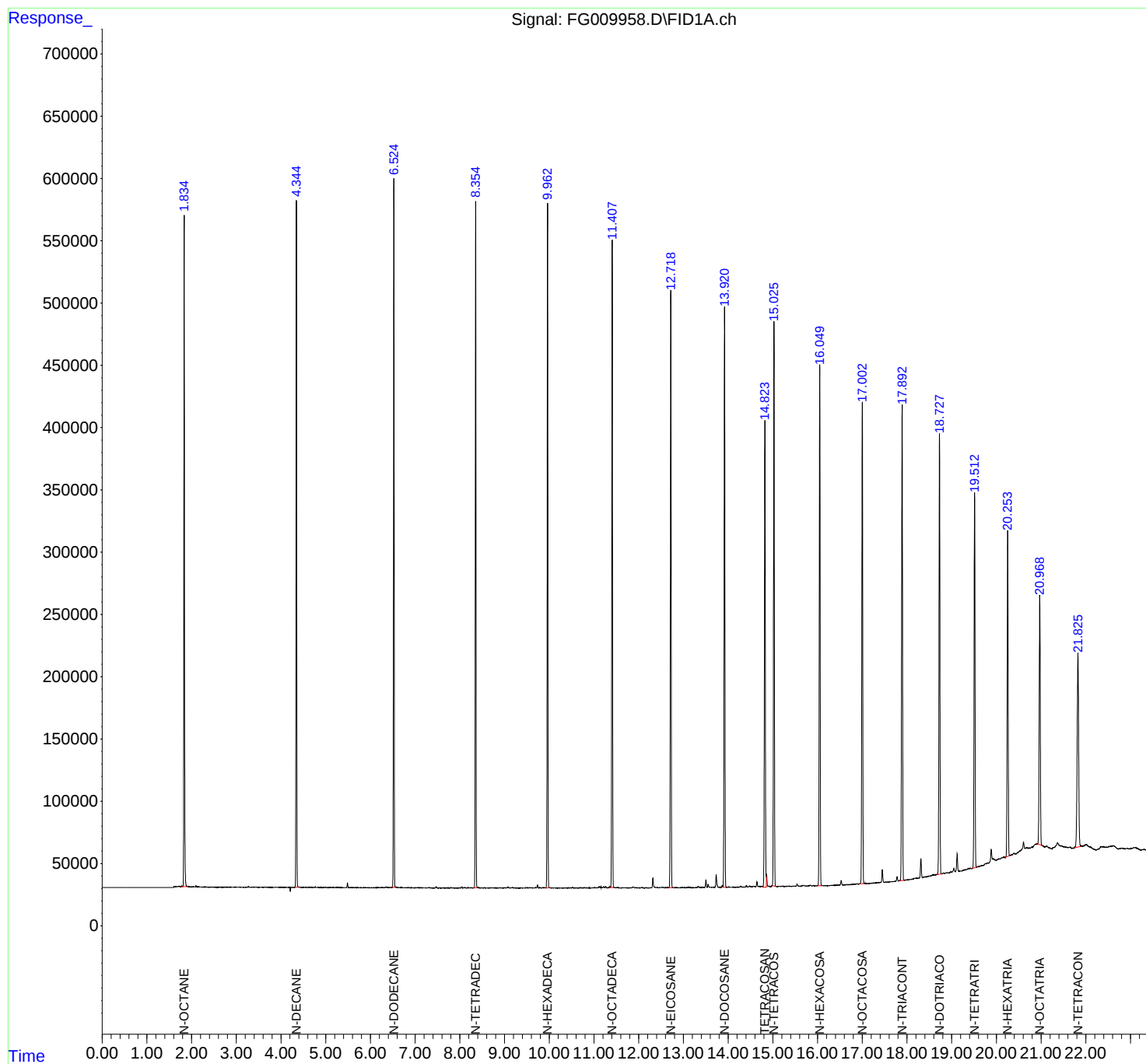
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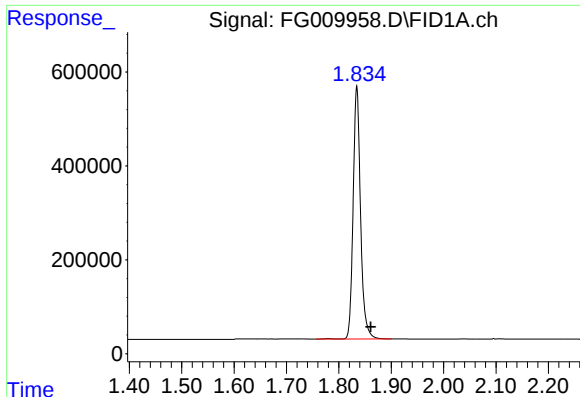
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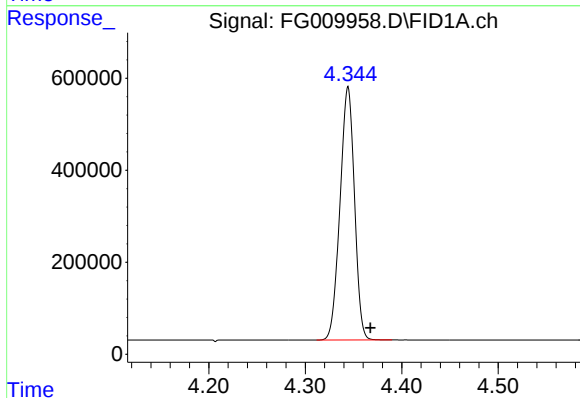
#1 N-OCTANE

R.T.: 1.834 min
Delta R.T.: -0.027 min
Response: 5296118
Conc: 42.26 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

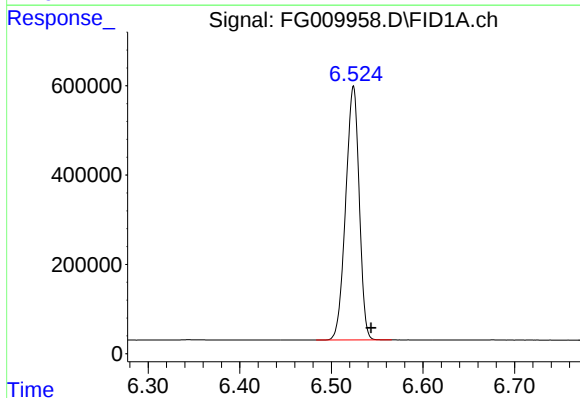
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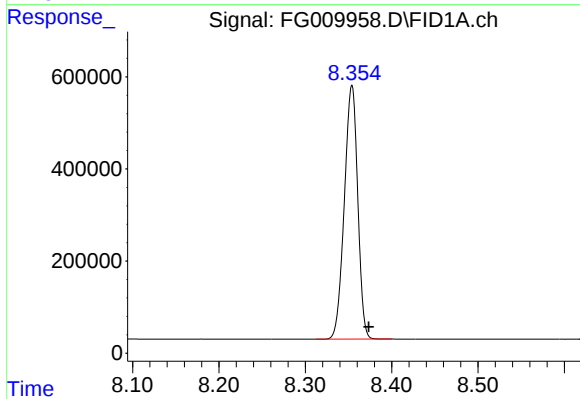
#2 N-DECANE

R.T.: 4.344 min
Delta R.T.: -0.023 min
Response: 5743642
Conc: 45.48 ug/ml



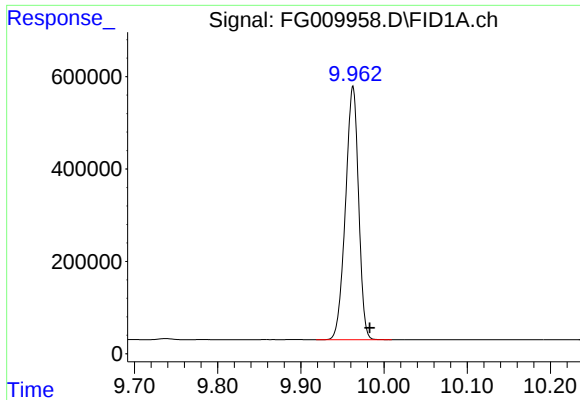
#3 N-DODECANE

R.T.: 6.524 min
Delta R.T.: -0.019 min
Response: 5830384
Conc: 46.22 ug/ml



#4 N-TETRADECANE

R.T.: 8.354 min
Delta R.T.: -0.019 min
Response: 5939015
Conc: 46.74 ug/ml



#5 N-HEXADECANE

R.T.: 9.963 min
Delta R.T.: -0.020 min
Response: 6000043
Conc: 47.57 ug/ml

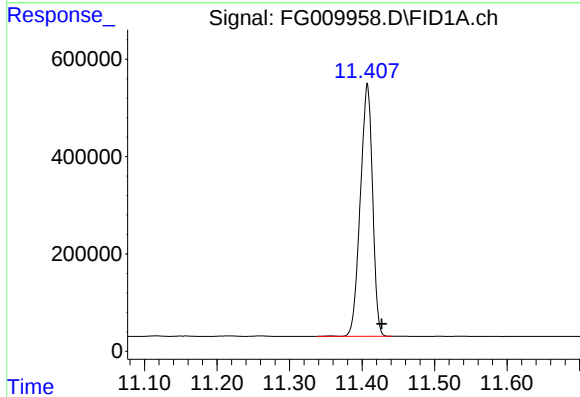
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

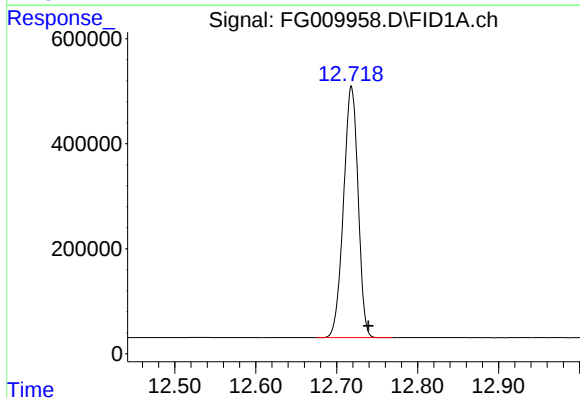
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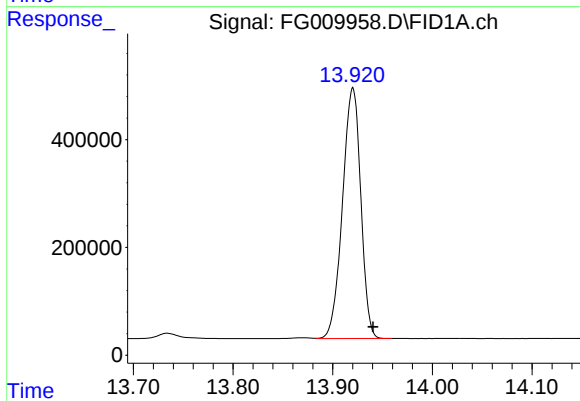
#6 N-OCTADECANE

R.T.: 11.407 min
Delta R.T.: -0.020 min
Response: 6083101
Conc: 48.20 ug/ml



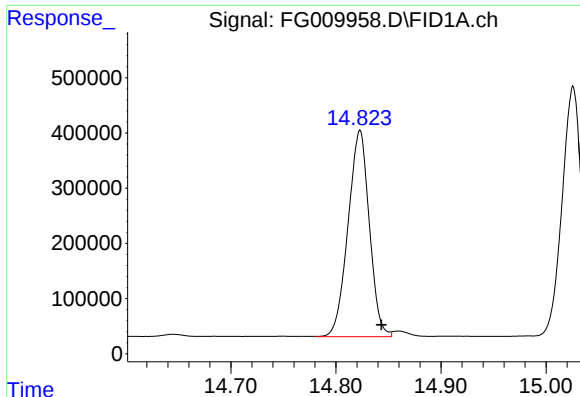
#7 N-EICOSANE

R.T.: 12.718 min
Delta R.T.: -0.021 min
Response: 5982845
Conc: 48.92 ug/ml



#8 N-DOCOSANE

R.T.: 13.920 min
Delta R.T.: -0.020 min
Response: 5933990
Conc: 49.21 ug/ml



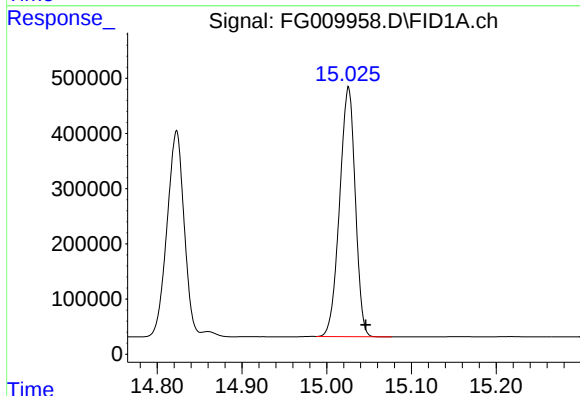
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.823 min
Delta R.T.: -0.021 min
Response: 5260728
Conc: 49.98 ug/ml

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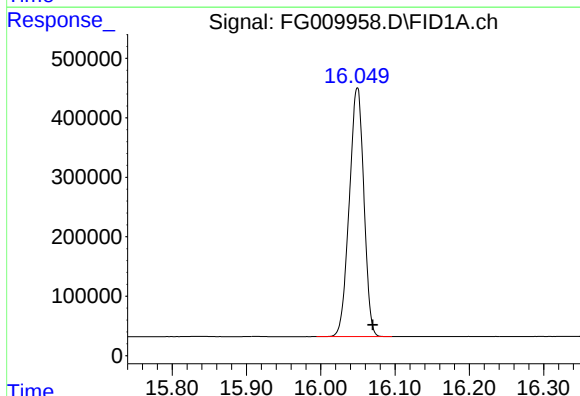
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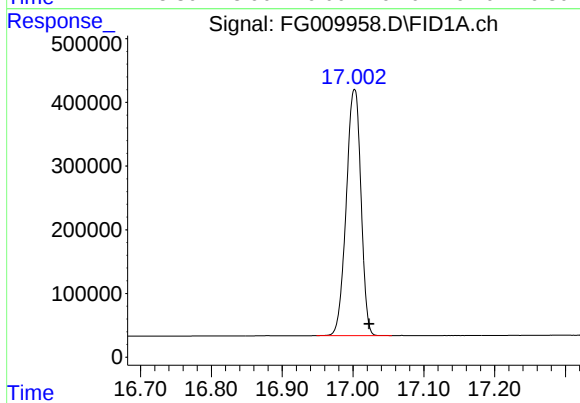
#10 N-TETRACOSANE

R.T.: 15.026 min
Delta R.T.: -0.021 min
Response: 5810864
Conc: 49.58 ug/ml



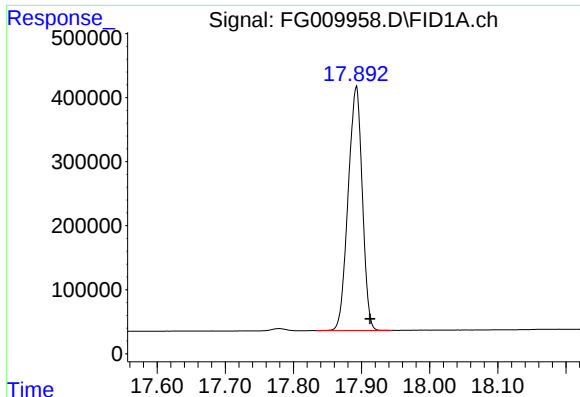
#11 N-HEXACOSANE

R.T.: 16.049 min
Delta R.T.: -0.020 min
Response: 5712161
Conc: 50.35 ug/ml



#12 N-OCTACOSANE

R.T.: 17.002 min
Delta R.T.: -0.020 min
Response: 5574468
Conc: 48.71 ug/ml



#13 N-TRIACONTANE

R.T.: 17.892 min
Delta R.T.: -0.020 min
Response: 5501369
Conc: 51.09 ug/ml

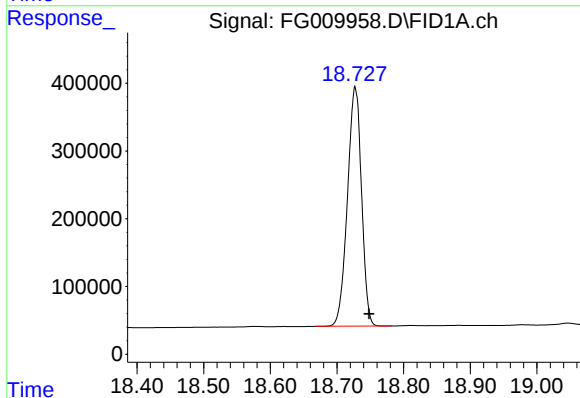
Instrument :

FID_G

ClientSampleId :
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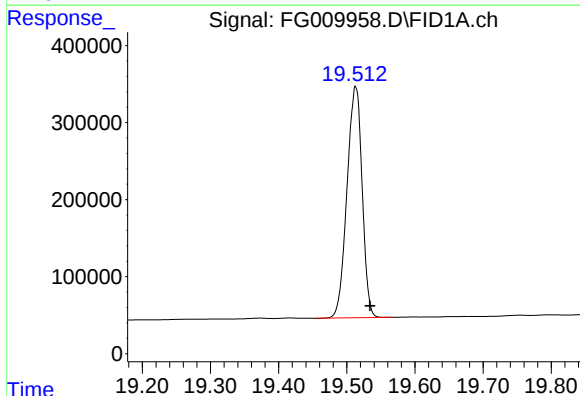
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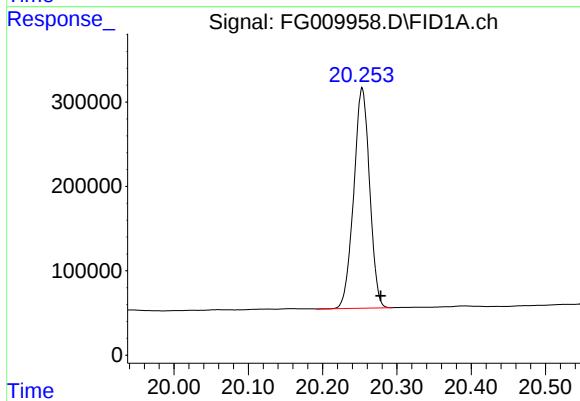
#14 N-DOTRIACONTANE

R.T.: 18.727 min
Delta R.T.: -0.021 min
Response: 5177628
Conc: 49.19 ug/ml



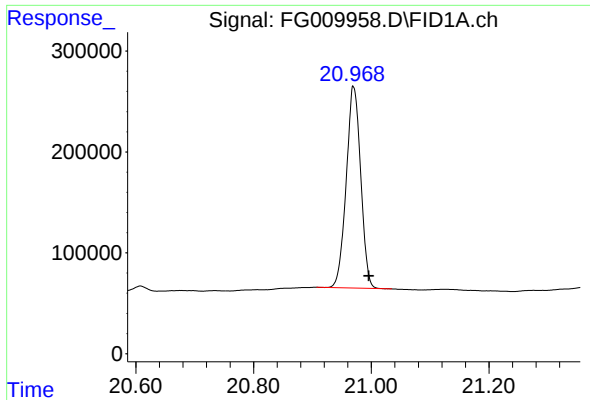
#15 N-TETRATRIACONTANE

R.T.: 19.513 min
Delta R.T.: -0.021 min
Response: 4637835
Conc: 48.30 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.253 min
Delta R.T.: -0.025 min
Response: 3873496
Conc: 47.93 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.970 min
Delta R.T.: -0.026 min
Response: 3415329
Conc: 47.56 ug/ml

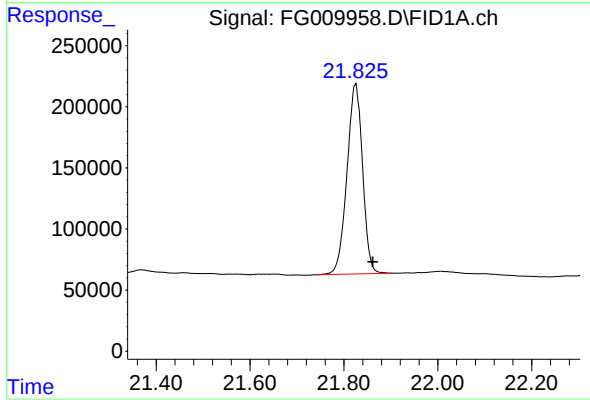
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.825 min
Delta R.T.: -0.036 min
Response: 3588853
Conc: 51.11 ug/ml