

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
 Data File : FG014398.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2024 18:35
 Operator : YP\AJ
 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 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 02:17:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 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...	14.912	5673075	45.814 ug/ml
Target Compounds			
1) N-OCTANE	1.938	6099980	48.441 ug/ml
2) N-DECANE	4.433	6072736	51.553 ug/ml
3) N-DODECANE	6.608	6185723	52.858 ug/ml
4) N-TETRADECANE	8.440	6159040	50.720 ug/ml
5) N-HEXADECANE	10.050	6312606	49.592 ug/ml
6) N-OCTADECANE	11.496	6431289	48.115 ug/ml
7) N-EICOSANE	12.809	6496121	46.735 ug/ml
8) N-DOCOSANE	14.010	6340067	46.223 ug/ml
10) N-TETRACOSANE	15.117	6320573	45.851 ug/ml
11) N-HEXACOSANE	16.141	6266039	45.327 ug/ml
12) N-OCTACOSANE	17.092	6152514	44.897 ug/ml
13) N-TRIACONTANE	17.983	6153115	44.377 ug/ml
14) N-DOTRIACONTANE	18.817	5981762	43.880 ug/ml
15) N-TETRATRIACONTANE	19.601	5777017	43.895 ug/ml
16) N-HEXATRIACONTANE	20.343	5407763	42.255 ug/ml
17) N-OCTATRIACONTANE	21.070	5136614	44.901 ug/ml
18) N-TETRACONTANE	21.957	4860443	45.278 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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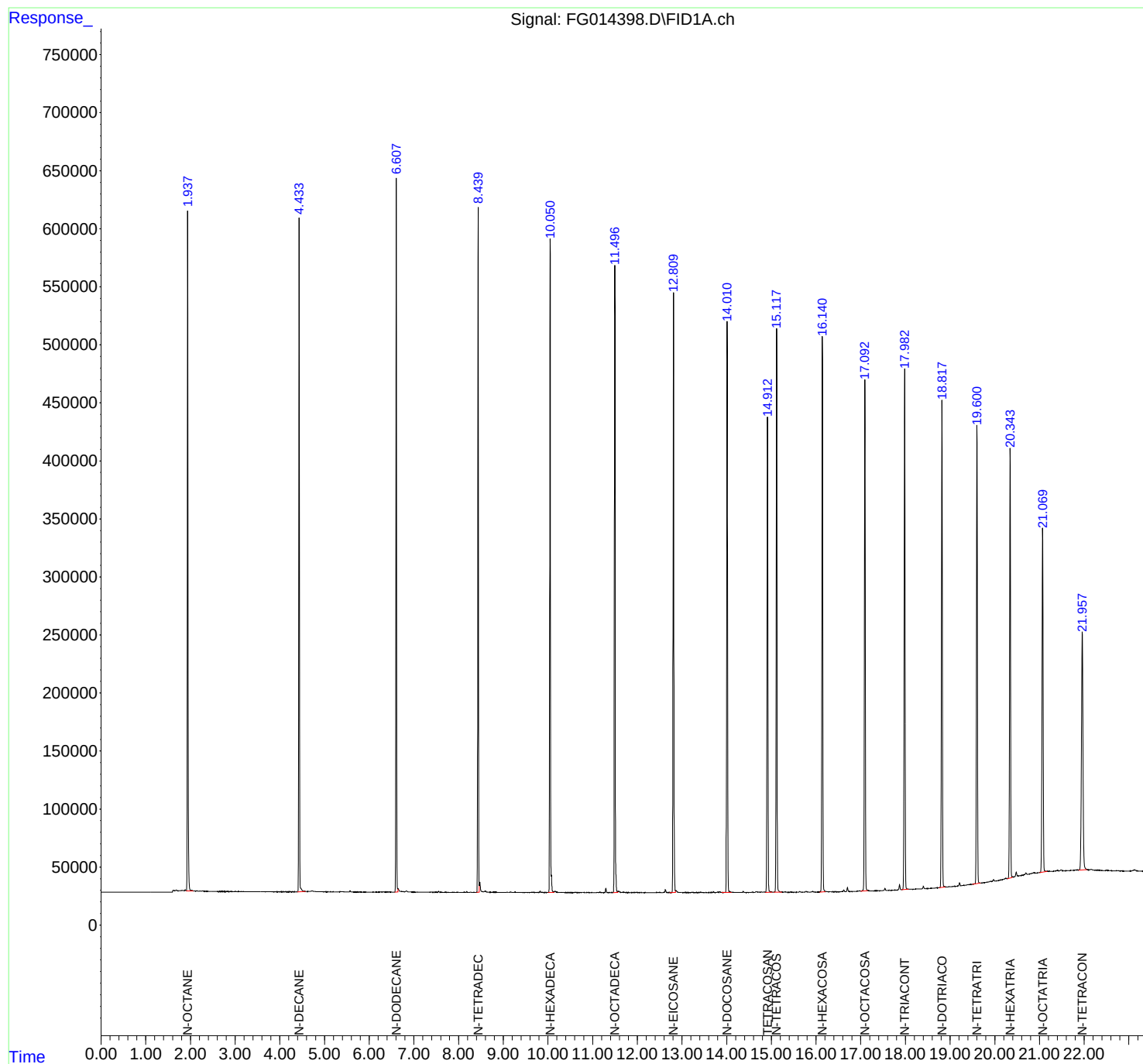
Instrument :
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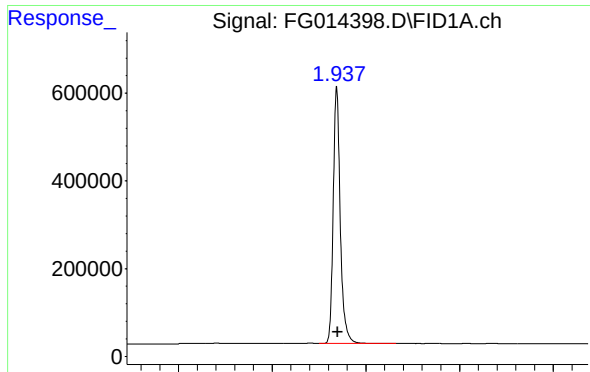
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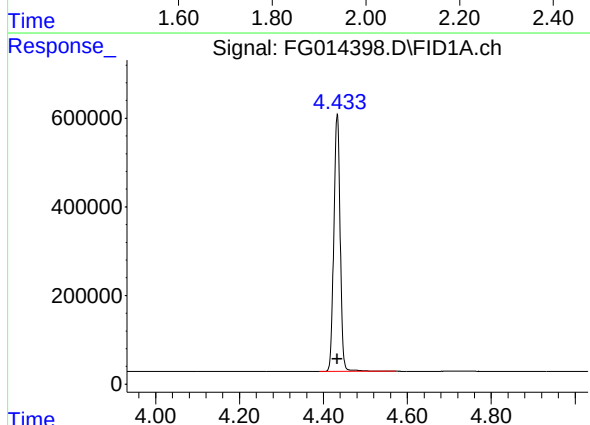
#1 N-OCTANE

R.T.: 1.938 min
Delta R.T.: -0.002 min
Response: 6099980
Conc: 48.44 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

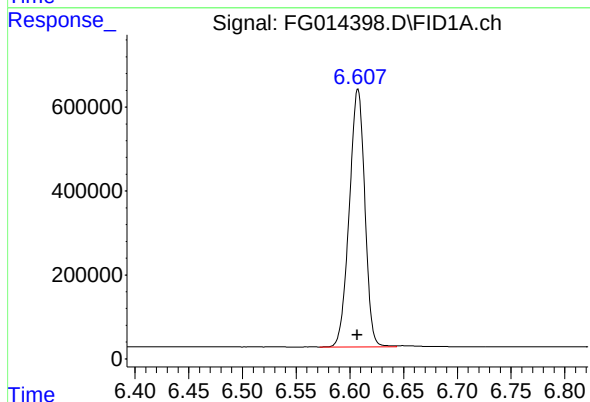
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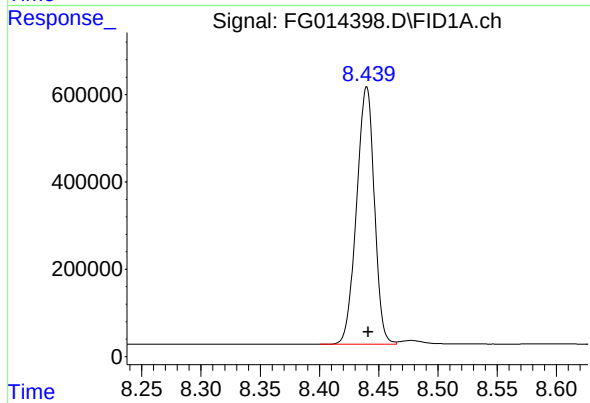
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 6072736
Conc: 51.55 ug/ml



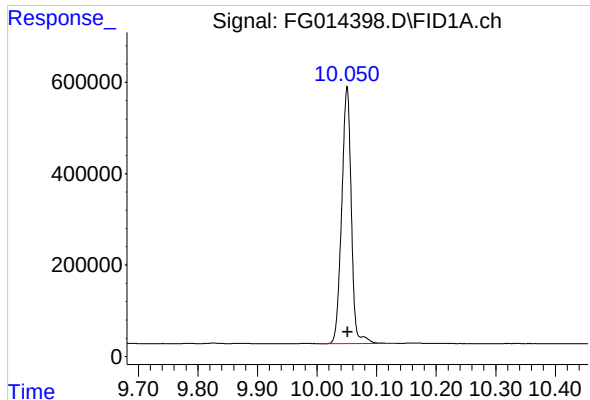
#3 N-DODECANE

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 6185723
Conc: 52.86 ug/ml



#4 N-TETRADECANE

R.T.: 8.440 min
Delta R.T.: -0.001 min
Response: 6159040
Conc: 50.72 ug/ml



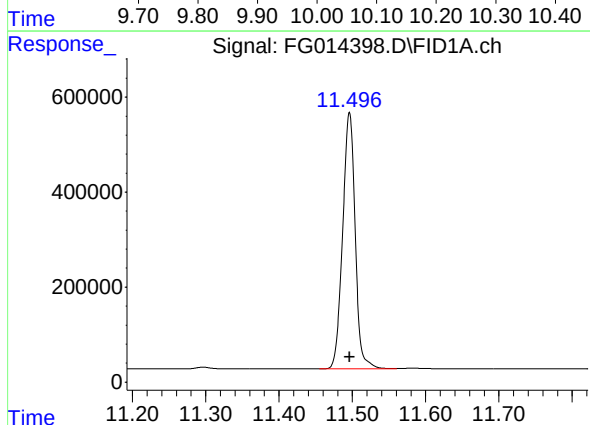
#5 N-HEXADECANE

R.T.: 10.050 min
Delta R.T.: 0.000 min
Response: 6312606
Conc: 49.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

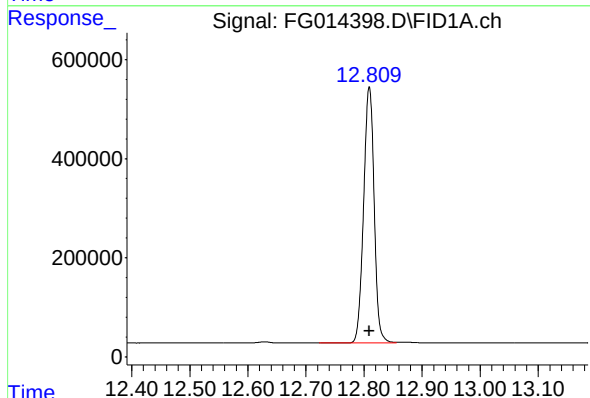
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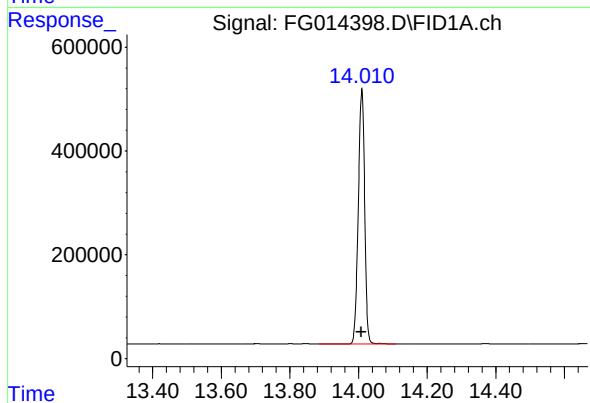
#6 N-OCTADECANE

R.T.: 11.496 min
Delta R.T.: 0.000 min
Response: 6431289
Conc: 48.12 ug/ml



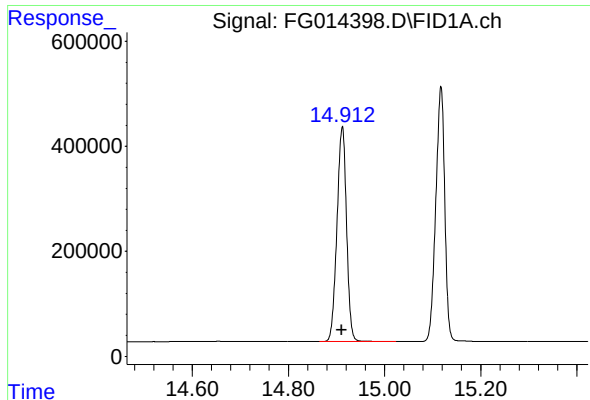
#7 N-EICOSANE

R.T.: 12.809 min
Delta R.T.: 0.000 min
Response: 6496121
Conc: 46.74 ug/ml



#8 N-DOCOSANE

R.T.: 14.010 min
Delta R.T.: 0.002 min
Response: 6340067
Conc: 46.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.912 min
Delta R.T.: 0.001 min
Response: 5673075
Conc: 45.81 ug/ml

Instrument :

FID_G

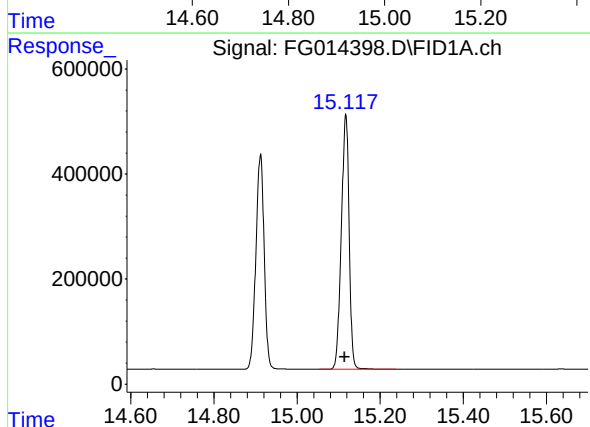
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

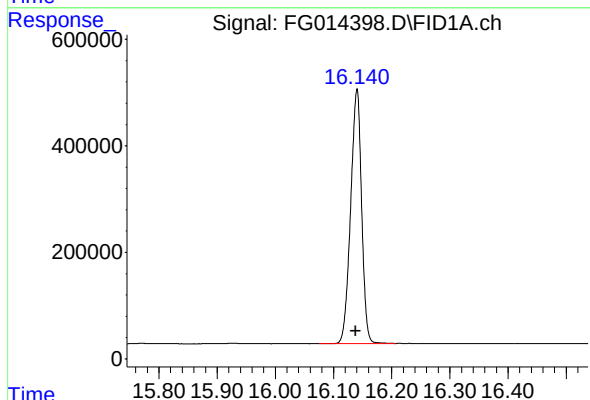
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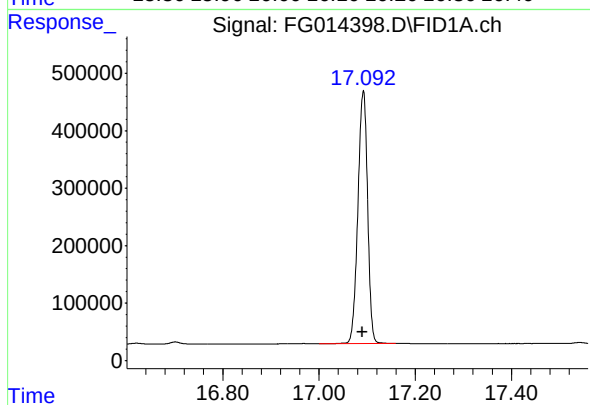
#10 N-TETRACOSANE

R.T.: 15.117 min
Delta R.T.: 0.003 min
Response: 6320573
Conc: 45.85 ug/ml



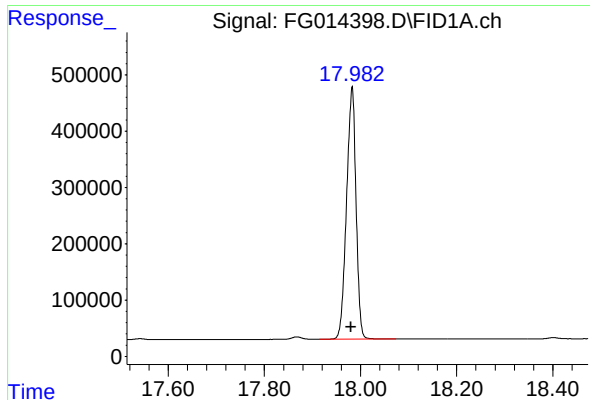
#11 N-HEXACOSANE

R.T.: 16.141 min
Delta R.T.: 0.003 min
Response: 6266039
Conc: 45.33 ug/ml



#12 N-OCTACOSANE

R.T.: 17.092 min
Delta R.T.: 0.002 min
Response: 6152514
Conc: 44.90 ug/ml



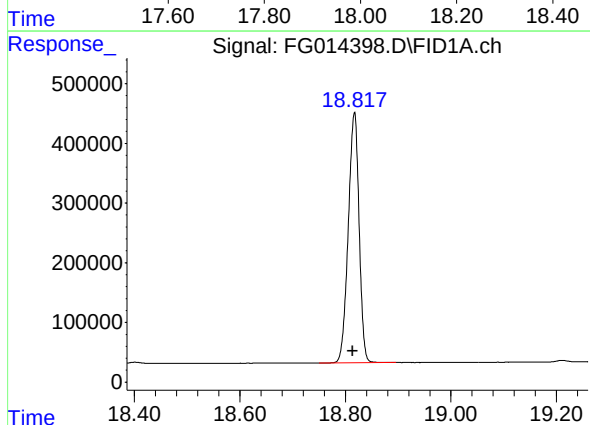
#13 N-TRIACONTANE

R.T.: 17.983 min
Delta R.T.: 0.002 min
Response: 6153115
Conc: 44.38 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

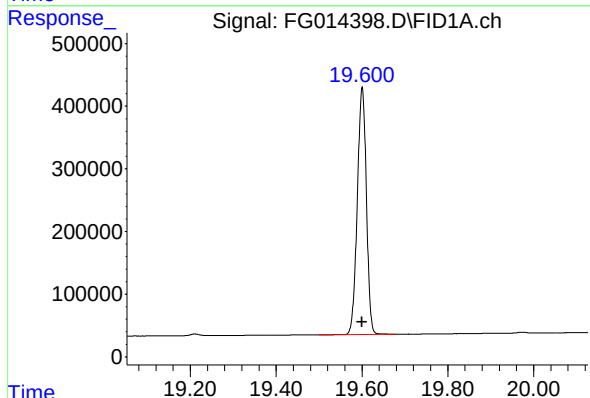
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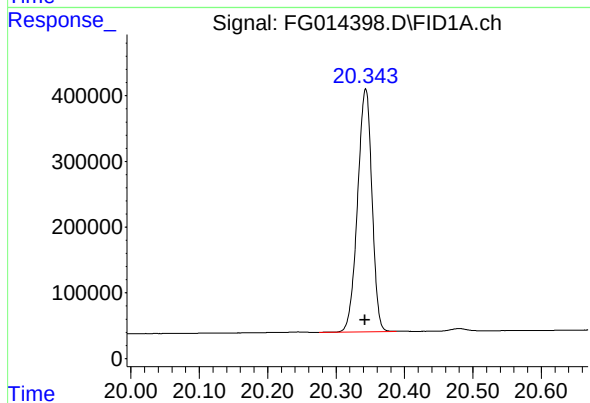
#14 N-DOTRIACONTANE

R.T.: 18.817 min
Delta R.T.: 0.004 min
Response: 5981762
Conc: 43.88 ug/ml



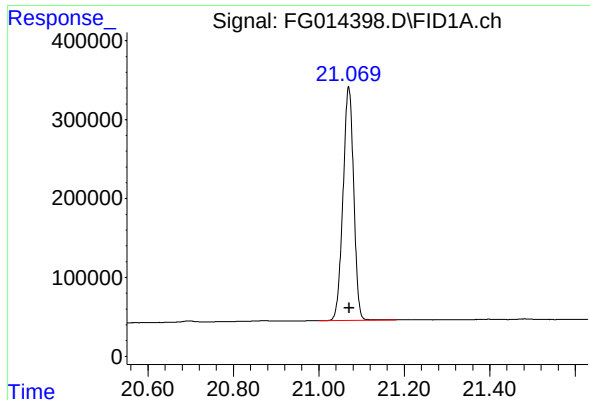
#15 N-TETRATRIACONTANE

R.T.: 19.601 min
Delta R.T.: 0.000 min
Response: 5777017
Conc: 43.90 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.343 min
Delta R.T.: 0.001 min
Response: 5407763
Conc: 42.25 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.070 min
Delta R.T.: -0.001 min
Response: 5136614
Conc: 44.90 ug/ml

Instrument :

FID_G

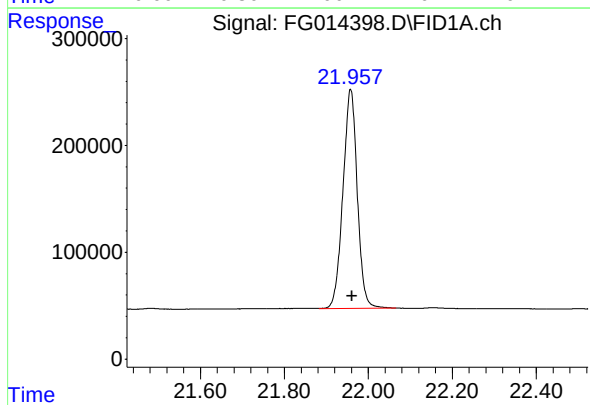
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 21.957 min
Delta R.T.: -0.005 min
Response: 4860443
Conc: 45.28 ug/ml m