

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032923\
 Data File : FG011682.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2023 10:35
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2023
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e
 Quant Time: Mar 29 18:00:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 2023
 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...	15.048	4569195	45.395 ug/mlm
Target Compounds			
1) N-OCTANE	2.056	4536680	38.548 ug/ml
2) N-DECANE	4.575	5141033	42.539 ug/ml
3) N-DODECANE	6.746	5090930	41.720 ug/ml
4) N-TETRADECANE	8.576	5020135	41.254 ug/ml
5) N-HEXADECANE	10.188	5114029	41.473 ug/ml
6) N-OCTADECANE	11.634	5150446	42.169 ug/ml
7) N-EICOSANE	12.946	5150179	42.862 ug/ml
8) N-DOCOSANE	14.147	4994255	43.538 ug/ml
10) N-TETRACOSANE	15.253	4990613	44.180 ug/ml
11) N-HEXACOSANE	16.276	4849789	44.909 ug/ml
12) N-OCTACOSANE	17.228	4747545	45.784 ug/ml
13) N-TRIACONTANE	18.117	4696974	47.396 ug/ml
14) N-DOTRIACONTANE	18.952	4550206	49.062 ug/ml
15) N-TETRATRIACONTANE	19.738	4403756	52.235 ug/ml
16) N-HEXATRIACONTANE	20.480	4437871	57.647 ug/mlm
17) N-OCTATRIACONTANE	21.229	4535294	60.238 ug/ml
18) N-TETRACONTANE	22.167	4708650	64.156 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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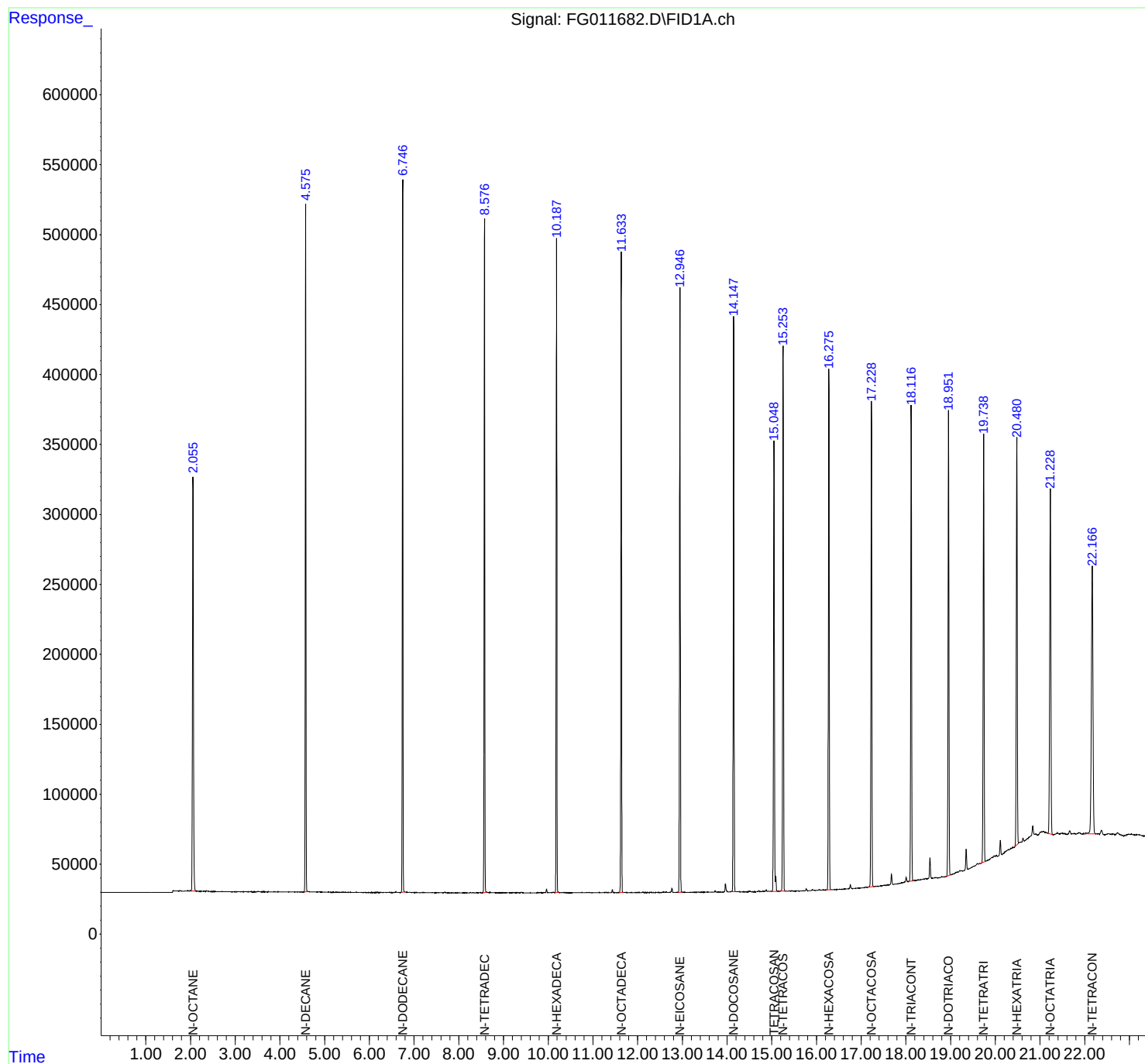
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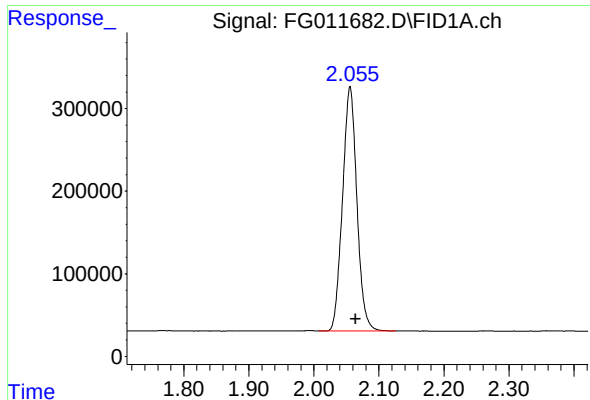
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#1 N-OCTANE

R.T.: 2.056 min
Delta R.T.: -0.008 min
Response: 4536680
Conc: 38.55 ug/ml

Instrument :

FID_G

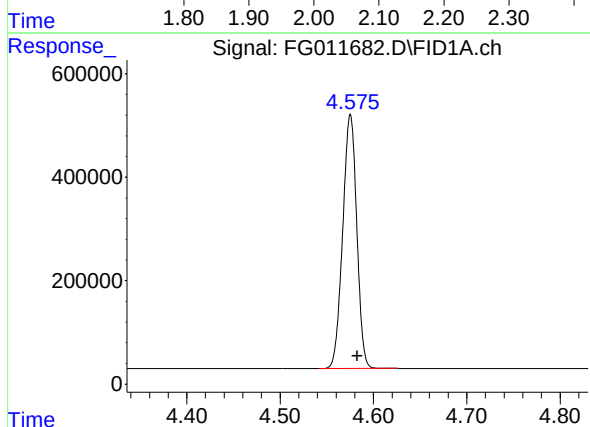
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

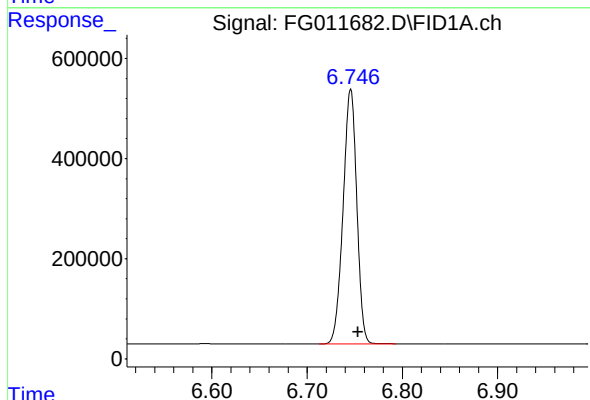
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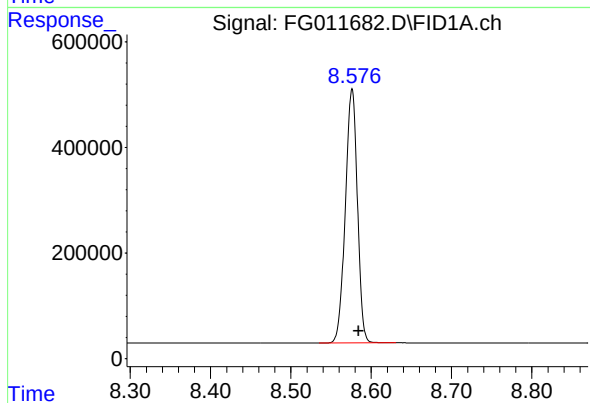
#2 N-DECANE

R.T.: 4.575 min
Delta R.T.: -0.008 min
Response: 5141033
Conc: 42.54 ug/ml



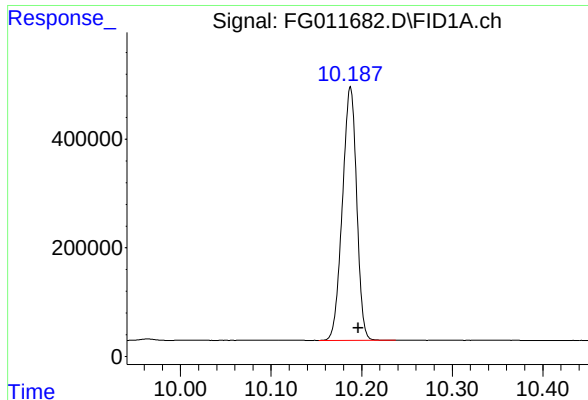
#3 N-DODECANE

R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 5090930
Conc: 41.72 ug/ml



#4 N-TETRADECANE

R.T.: 8.576 min
Delta R.T.: -0.008 min
Response: 5020135
Conc: 41.25 ug/ml



#5 N-HEXADECANE

R.T.: 10.188 min
Delta R.T.: -0.009 min
Response: 5114029
Conc: 41.47 ug/ml

Instrument :

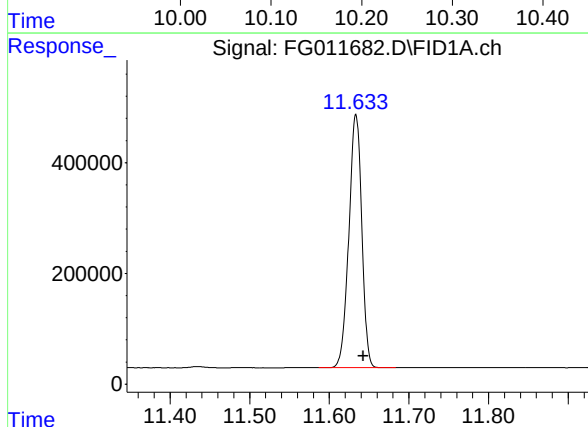
FID_G

ClientSampleId :

50 PPM TRPH STD

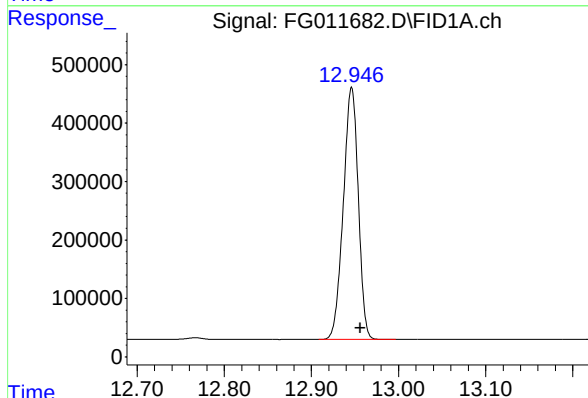
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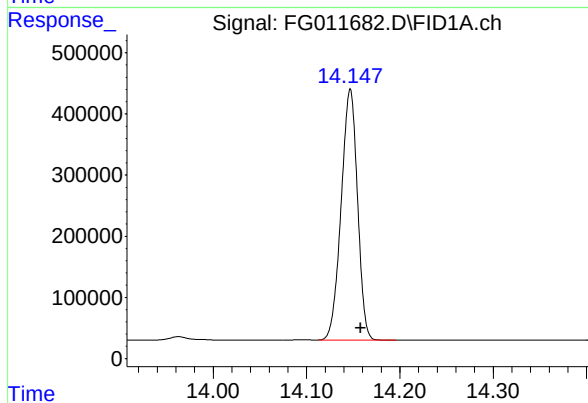
#6 N-OCTADECANE

R.T.: 11.634 min
Delta R.T.: -0.009 min
Response: 5150446
Conc: 42.17 ug/ml



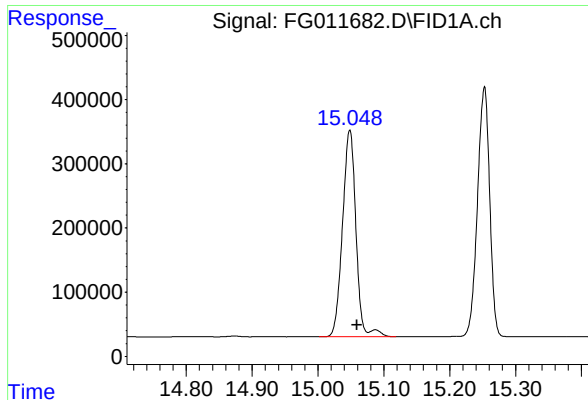
#7 N-EICOSANE

R.T.: 12.946 min
Delta R.T.: -0.010 min
Response: 5150179
Conc: 42.86 ug/ml



#8 N-DOCOSANE

R.T.: 14.147 min
Delta R.T.: -0.011 min
Response: 4994255
Conc: 43.54 ug/ml



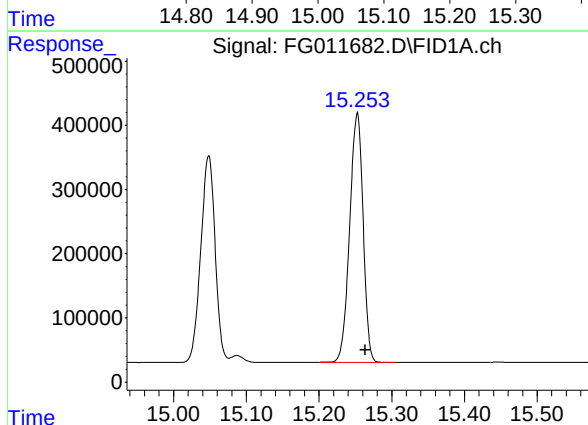
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: -0.011 min
Response: 4569195
Conc: 45.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

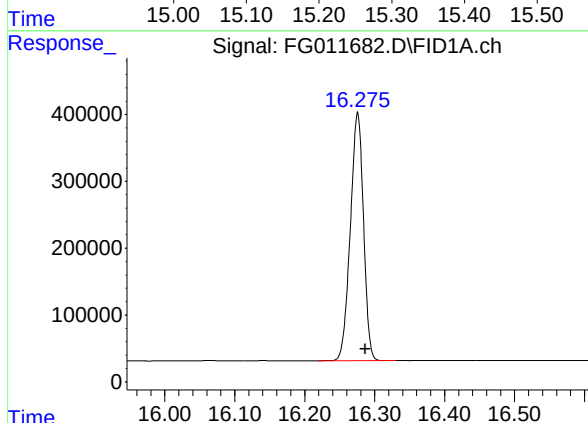
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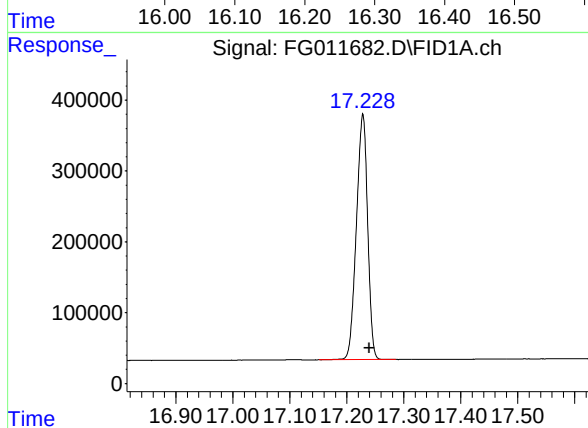
#10 N-TETRACOSANE

R.T.: 15.253 min
Delta R.T.: -0.011 min
Response: 4990613
Conc: 44.18 ug/ml



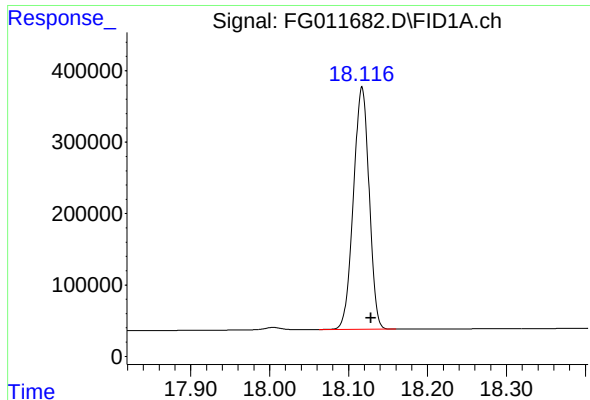
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.011 min
Response: 4849789
Conc: 44.91 ug/ml



#12 N-OCTACOSANE

R.T.: 17.228 min
Delta R.T.: -0.011 min
Response: 4747545
Conc: 45.78 ug/ml



#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: -0.011 min
Response: 4696974
Conc: 47.40 ug/ml

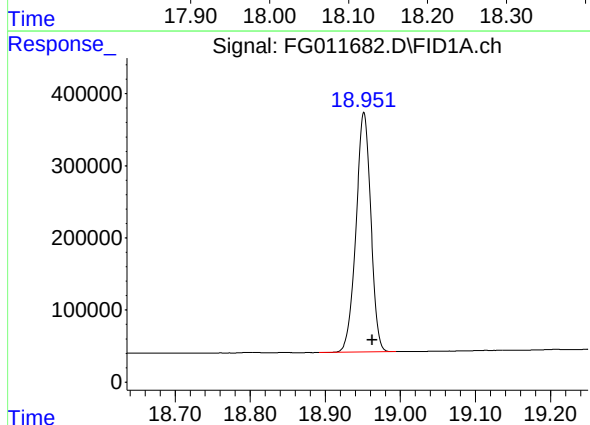
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

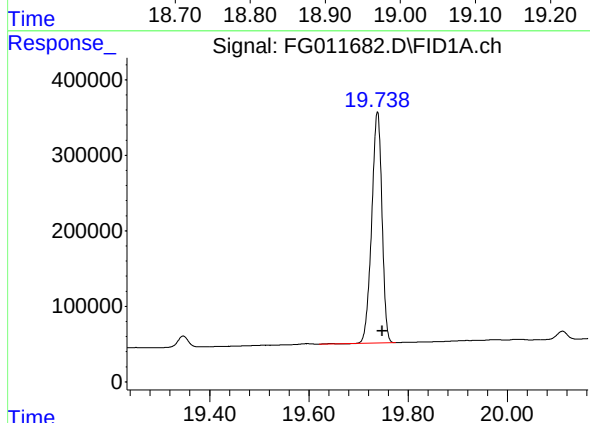
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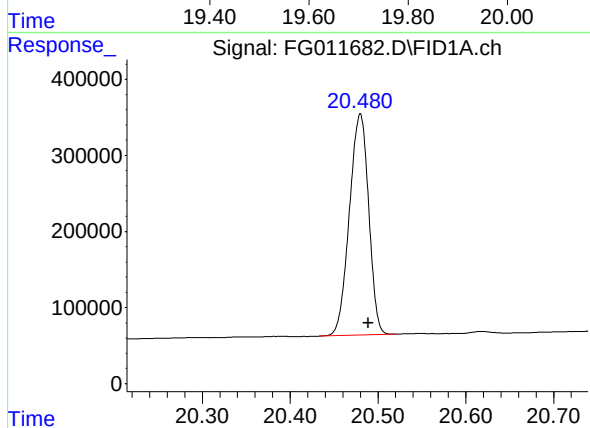
#14 N-DOTRIACONTANE

R.T.: 18.952 min
Delta R.T.: -0.011 min
Response: 4550206
Conc: 49.06 ug/ml



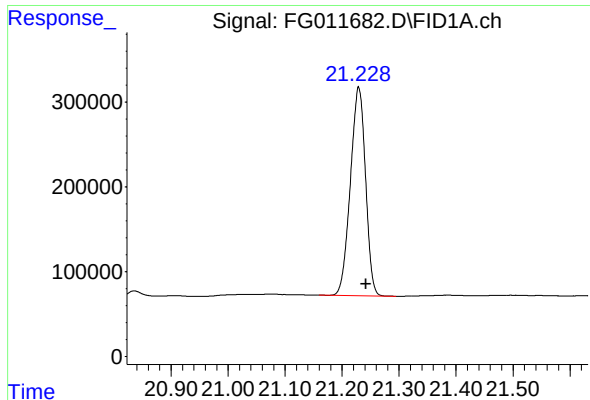
#15 N-TETRATRIACONTANE

R.T.: 19.738 min
Delta R.T.: -0.010 min
Response: 4403756
Conc: 52.24 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.480 min
Delta R.T.: -0.009 min
Response: 4437871
Conc: 57.65 ug/ml m



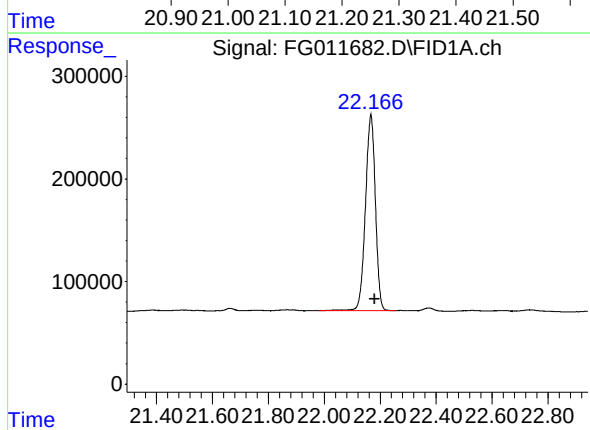
#17 N-OCTATRIACONTANE

R.T.: 21.229 min
Delta R.T.: -0.013 min
Response: 4535294
Conc: 60.24 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.167 min
Delta R.T.: -0.014 min
Response: 4708650
Conc: 64.16 ug/ml