

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062824\
 Data File : FG013907.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 13:28
 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 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 01:39:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062524.M
 Quant Title :
 QLast Update : Tue Jun 25 12:42:41 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...	14.961	5806030	53.669 ug/ml
Target Compounds			
1) N-OCTANE	1.973	5875149	49.274 ug/ml
2) N-DECANE	4.481	6611840	55.250 ug/ml
3) N-DODECANE	6.655	6818231	55.730 ug/ml
4) N-TETRADECANE	8.487	6843351	55.612 ug/ml
5) N-HEXADECANE	10.098	6958676	55.772 ug/ml
6) N-OCTADECANE	11.544	6993153	55.192 ug/ml
7) N-EICOSANE	12.858	6833963	53.683 ug/ml
8) N-DOCOSANE	14.059	6639171	54.074 ug/ml
10) N-TETRACOSANE	15.165	6598302	54.476 ug/ml
11) N-HEXACOSANE	16.189	6486481	54.271 ug/ml
12) N-OCTACOSANE	17.142	6448661	54.788 ug/ml
13) N-TRIACONTANE	18.032	6356532	53.142 ug/ml
14) N-DOTRIACONTANE	18.866	5946779	50.672 ug/ml
15) N-TETRATRIACONTANE	19.651	5342965	48.361 ug/ml
16) N-HEXATRIACONTANE	20.392	4641857	46.120 ug/ml
17) N-OCTATRIACONTANE	21.126	4117750	44.588 ug/ml
18) N-TETRACONTANE	22.028	3623634	43.449 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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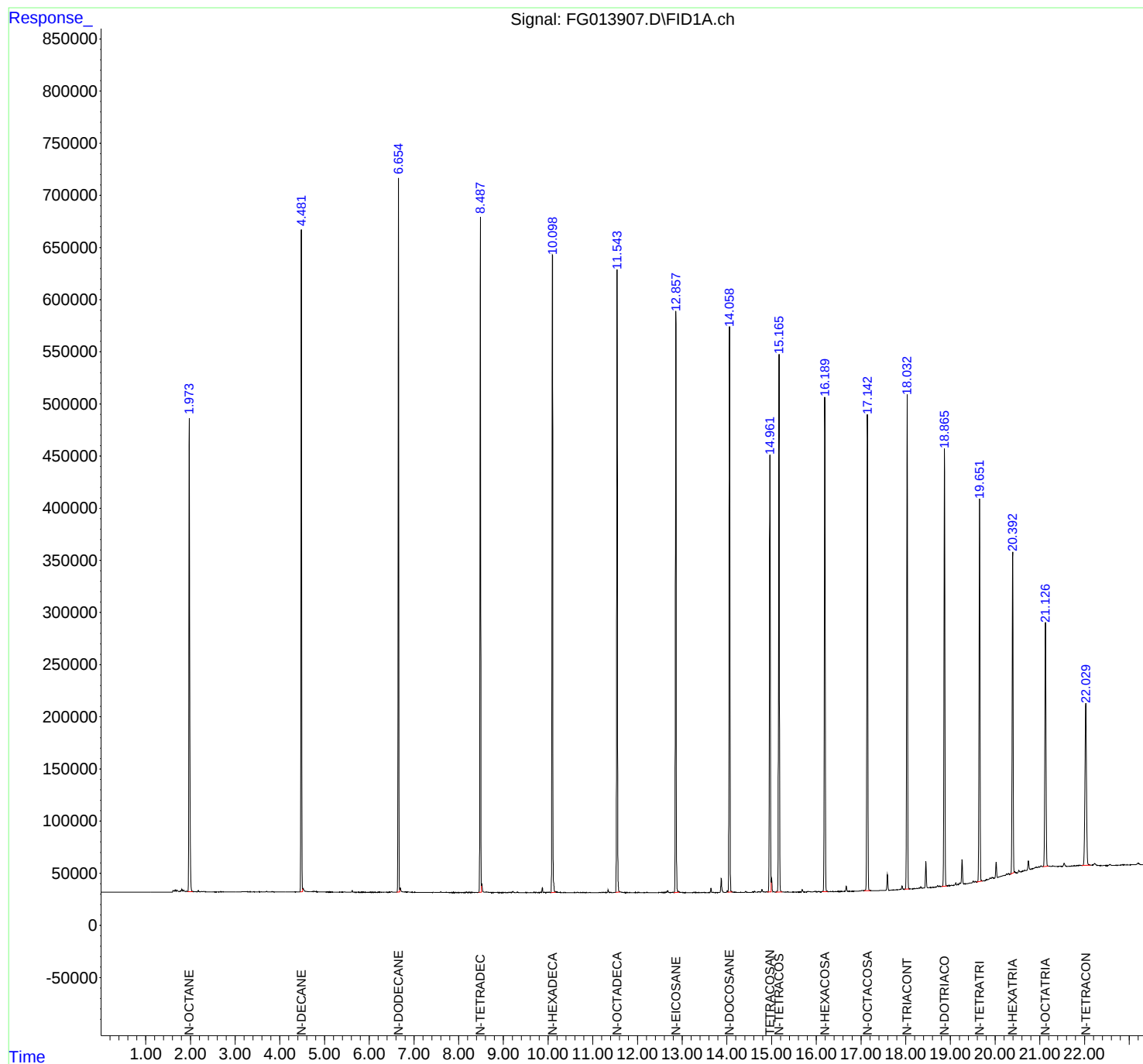
Instrument :
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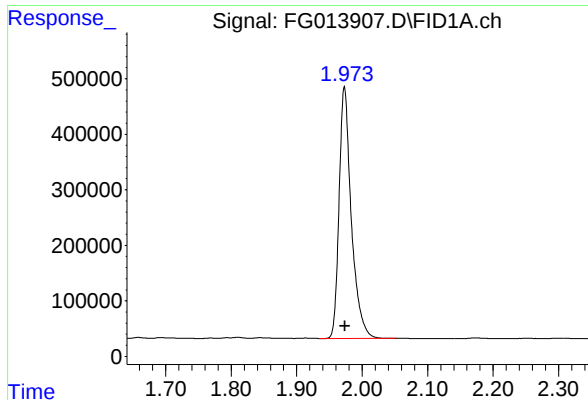
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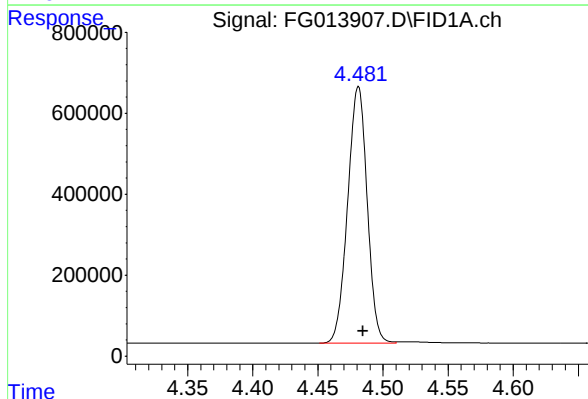
#1 N-OCTANE

R.T.: 1.973 min
Delta R.T.: 0.000 min
Response: 5875149
Conc: 49.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

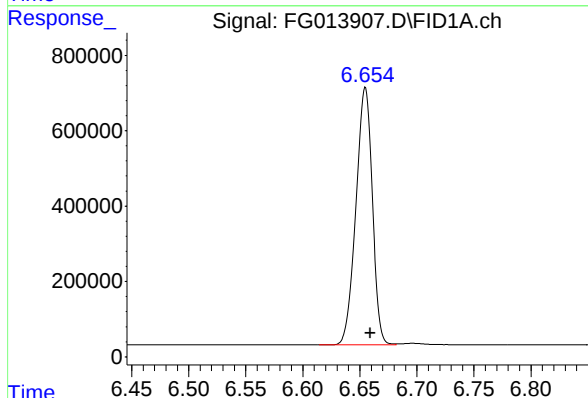
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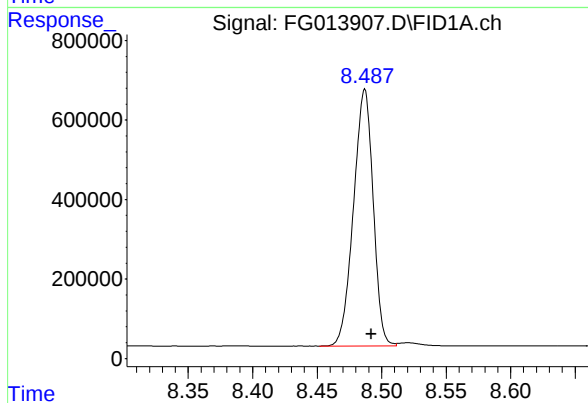
#2 N-DECANE

R.T.: 4.481 min
Delta R.T.: -0.004 min
Response: 6611840
Conc: 55.25 ug/ml m



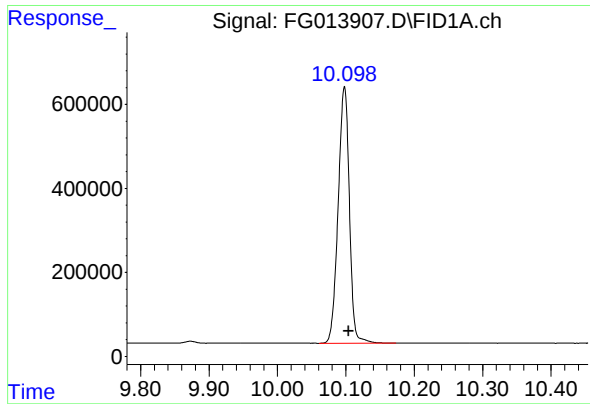
#3 N-DODECANE

R.T.: 6.655 min
Delta R.T.: -0.004 min
Response: 6818231
Conc: 55.73 ug/ml



#4 N-TETRADECANE

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 6843351
Conc: 55.61 ug/ml



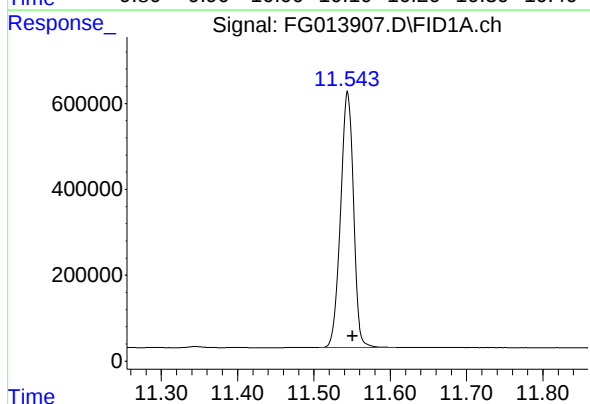
#5 N-HEXADECANE

R.T.: 10.098 min
Delta R.T.: -0.006 min
Response: 6958676
Conc: 55.77 ug/ml

Instrument :
FID_G
ClientSampleId :
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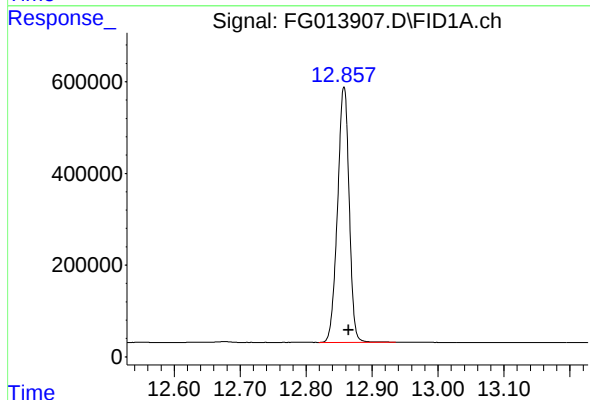
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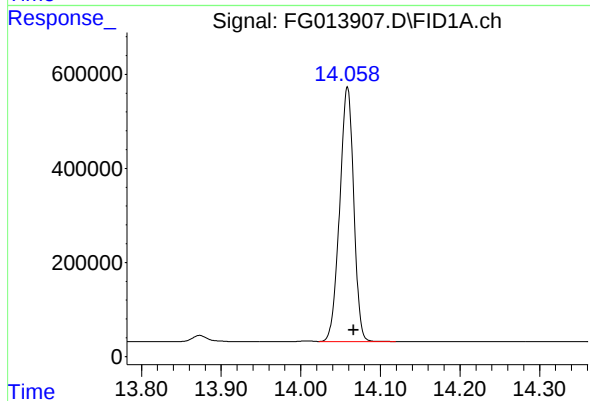
#6 N-OCTADECANE

R.T.: 11.544 min
Delta R.T.: -0.007 min
Response: 6993153
Conc: 55.19 ug/ml



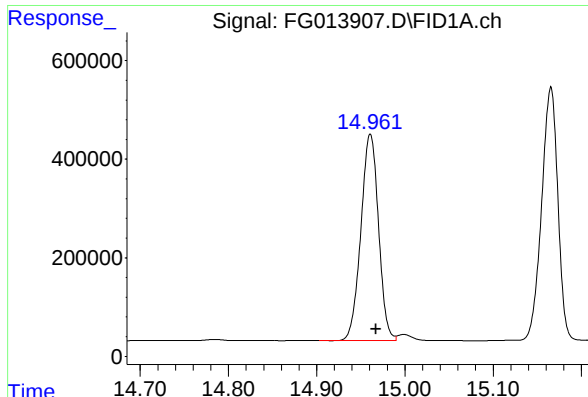
#7 N-EICOSANE

R.T.: 12.858 min
Delta R.T.: -0.007 min
Response: 6833963
Conc: 53.68 ug/ml



#8 N-DOCOSANE

R.T.: 14.059 min
Delta R.T.: -0.008 min
Response: 6639171
Conc: 54.07 ug/ml



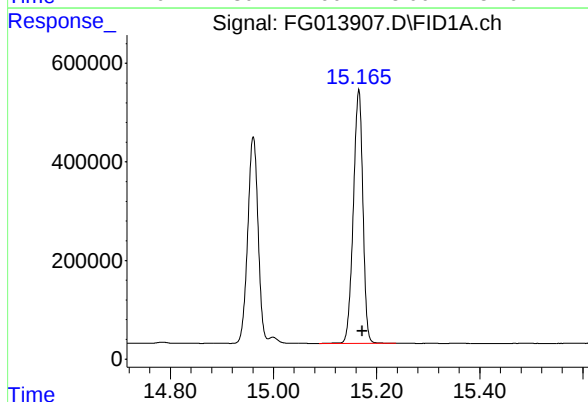
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.961 min
Delta R.T.: -0.007 min
Response: 5806030
Conc: 53.67 ug/ml

Instrument :
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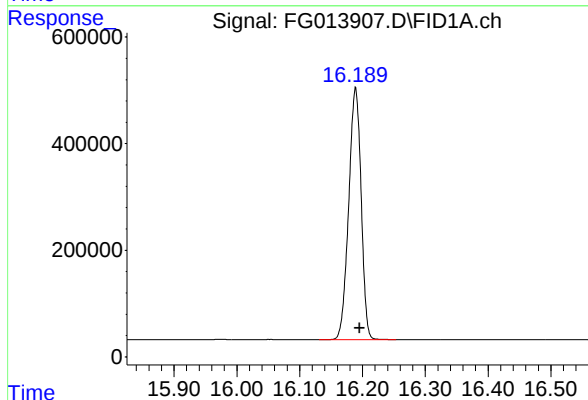
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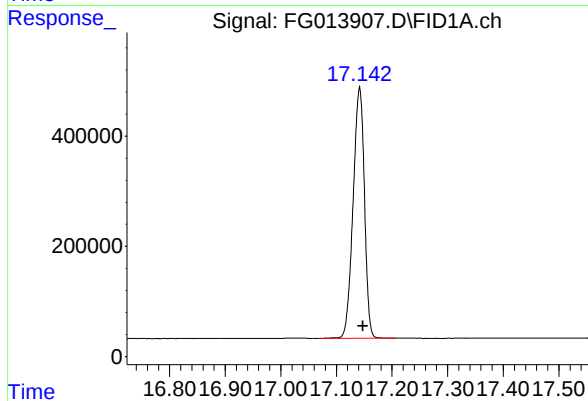
#10 N-TETRACOSANE

R.T.: 15.165 min
Delta R.T.: -0.006 min
Response: 6598302
Conc: 54.48 ug/ml



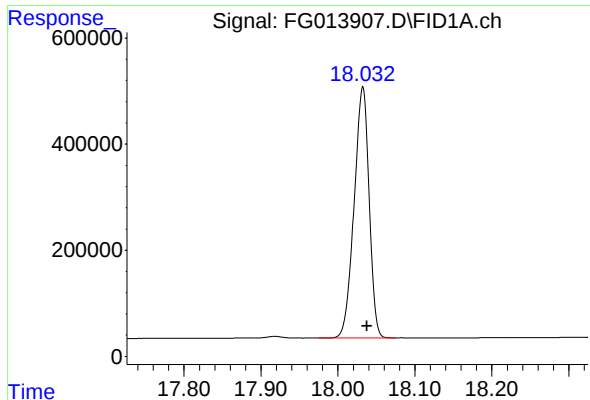
#11 N-HEXACOSANE

R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 6486481
Conc: 54.27 ug/ml



#12 N-OCTACOSANE

R.T.: 17.142 min
Delta R.T.: -0.006 min
Response: 6448661
Conc: 54.79 ug/ml



#13 N-TRIACONTANE

R.T.: 18.032 min
Delta R.T.: -0.006 min
Response: 6356532
Conc: 53.14 ug/ml

Instrument :

FID_G

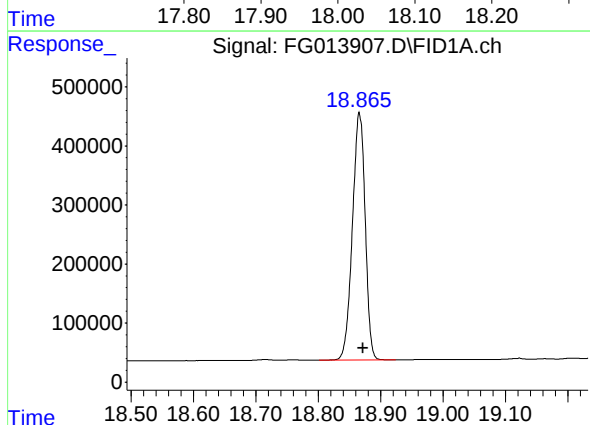
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

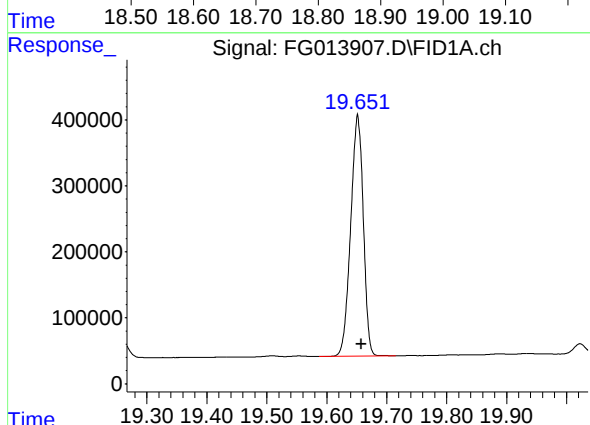
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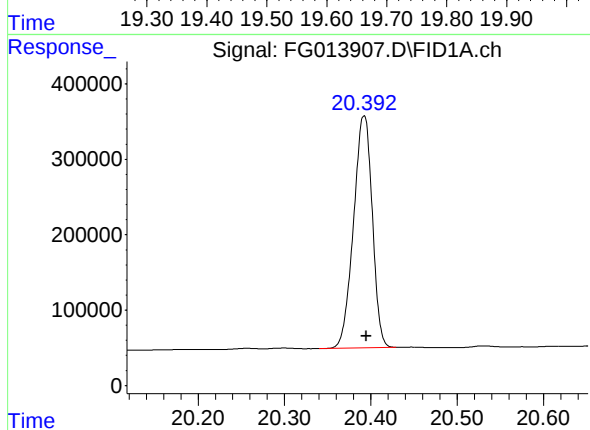
#14 N-DOTRIACONTANE

R.T.: 18.866 min
Delta R.T.: -0.006 min
Response: 5946779
Conc: 50.67 ug/ml



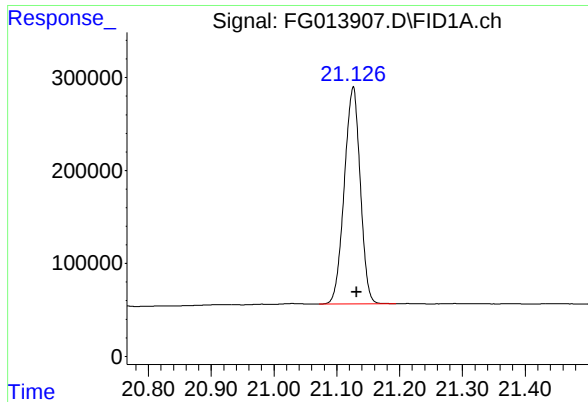
#15 N-TETRATRIACONTANE

R.T.: 19.651 min
Delta R.T.: -0.006 min
Response: 5342965
Conc: 48.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.392 min
Delta R.T.: -0.003 min
Response: 4641857
Conc: 46.12 ug/ml



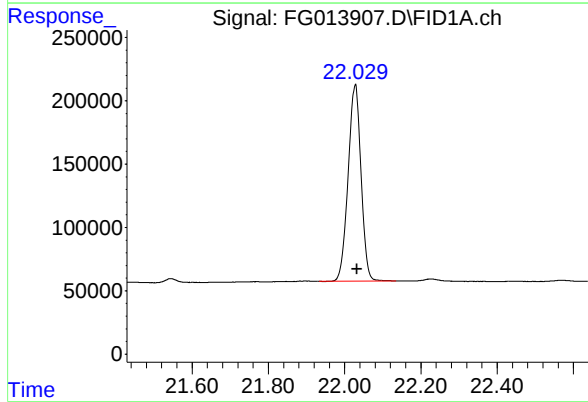
#17 N-OCTATRIACONTANE

R.T.: 21.126 min
Delta R.T.: -0.005 min
Response: 4117750
Conc: 44.59 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.028 min
Delta R.T.: -0.004 min
Response: 3623634
Conc: 43.45 ug/ml