

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083122\
 Data File : FG010459.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2022 09:40
 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 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: Sample.e
 Quant Time: Sep 01 04:28:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG082622.M
 Quant Title :
 QLast Update : Fri Aug 26 23:48:05 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...	14.791	5841819	47.733 ug/ml
Target Compounds			
1) N-OCTANE	1.812	6394152	50.808 ug/ml
2) N-DECANE	4.316	6661531	51.971 ug/ml
3) N-DODECANE	6.498	6852306	52.065 ug/ml
4) N-TETRADECANE	8.328	6967566	51.478 ug/ml
5) N-HEXADECANE	9.936	7098257	50.657 ug/ml
6) N-OCTADECANE	11.380	7127419	49.920 ug/ml
7) N-EICOSANE	12.691	7019817	49.165 ug/ml
8) N-DOCOSANE	13.890	6754239	48.469 ug/ml
10) N-TETRACOSANE	14.994	6610853	47.711 ug/ml
11) N-HEXACOSANE	16.016	6366600	46.930 ug/ml
12) N-OCTACOSANE	16.968	6127476	46.335 ug/ml
13) N-TRIACONTANE	17.855	5987911	46.211 ug/ml
14) N-DOTRIACONTANE	18.689	5928802	46.373 ug/ml
15) N-TETRATRIACONTANE	19.473	6028594	48.732 ug/ml
16) N-HEXATRIACONTANE	20.214	5940664	51.183 ug/ml
17) N-OCTATRIACONTANE	20.925	6280615	54.682 ug/ml
18) N-TETRACONTANE	21.768	6882039	58.372 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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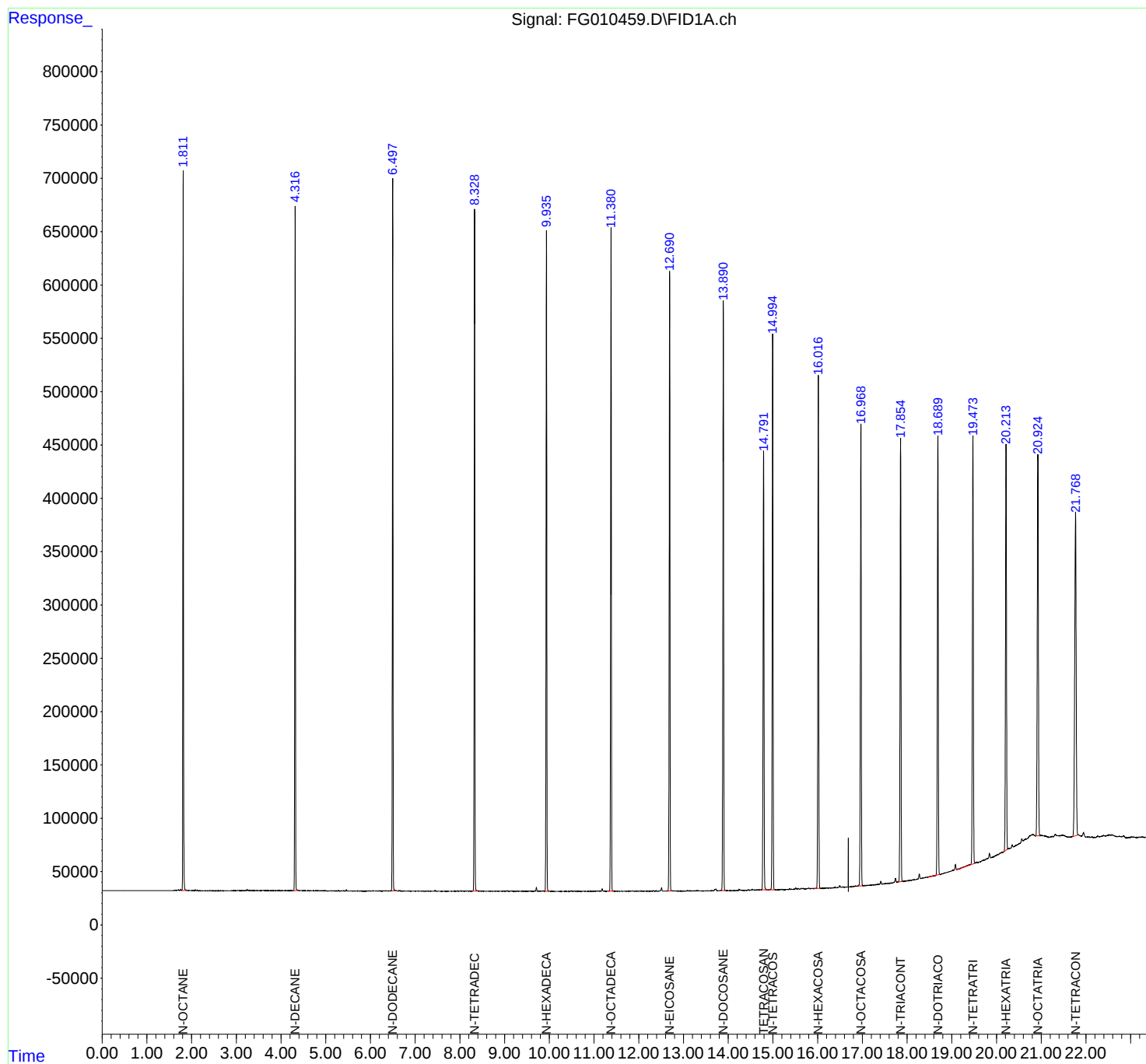
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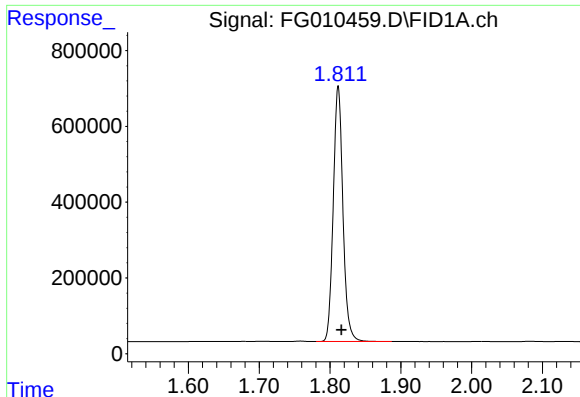
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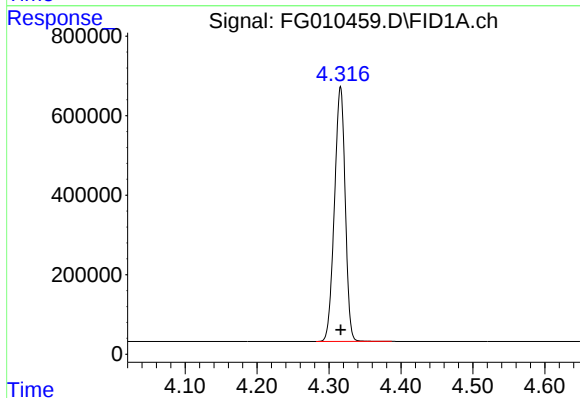
#1 N-OCTANE

R.T.: 1.812 min
Delta R.T.: -0.004 min
Response: 6394152
Conc: 50.81 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

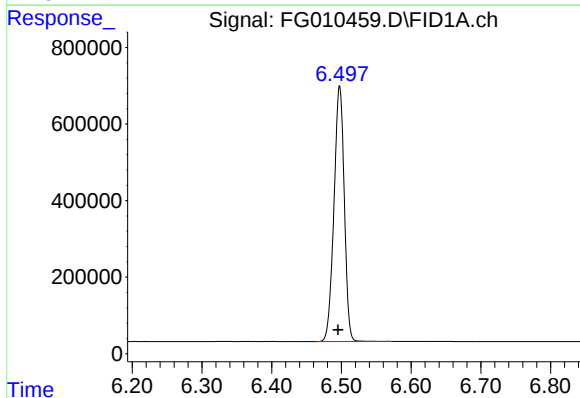
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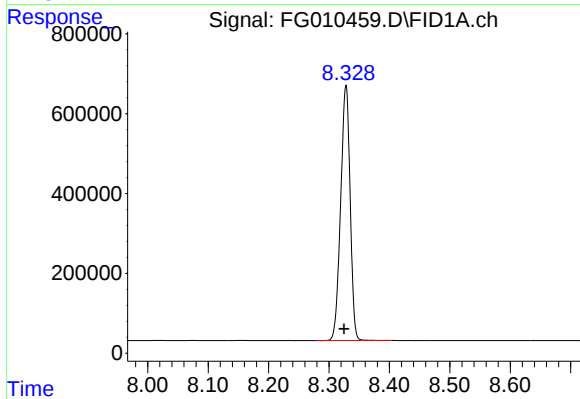
#2 N-DECANE

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 6661531
Conc: 51.97 ug/ml



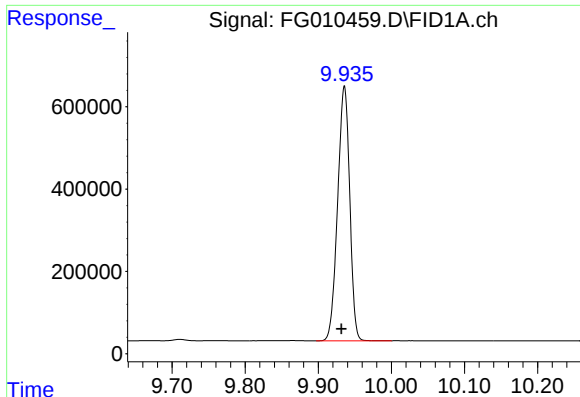
#3 N-DODECANE

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 6852306
Conc: 52.07 ug/ml



#4 N-TETRADECANE

R.T.: 8.328 min
Delta R.T.: 0.003 min
Response: 6967566
Conc: 51.48 ug/ml



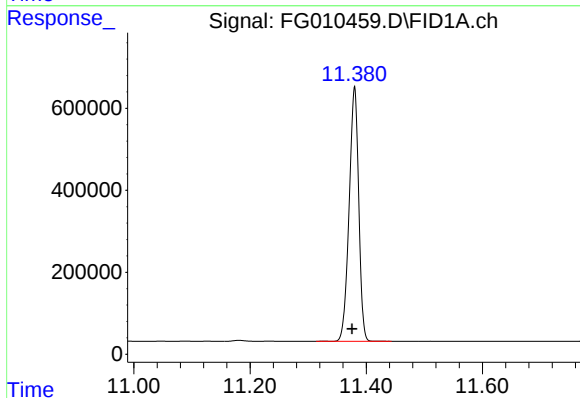
#5 N-HEXADECANE

R.T.: 9.936 min
Delta R.T.: 0.004 min
Response: 7098257
Conc: 50.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

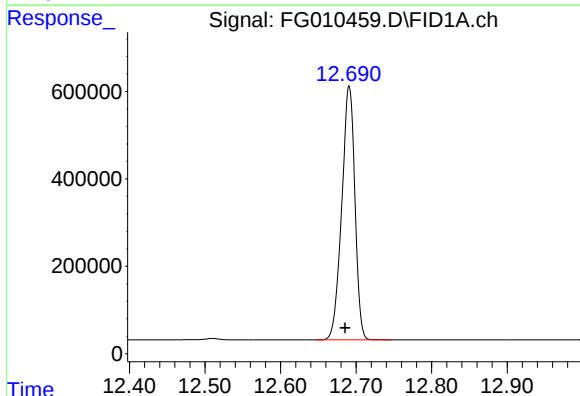
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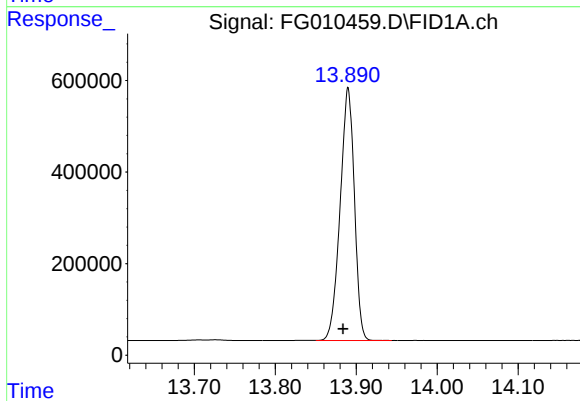
#6 N-OCTADECANE

R.T.: 11.380 min
Delta R.T.: 0.005 min
Response: 7127419
Conc: 49.92 ug/ml



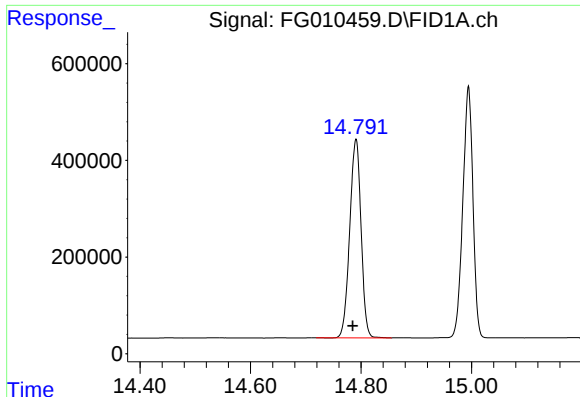
#7 N-EICOSANE

R.T.: 12.691 min
Delta R.T.: 0.005 min
Response: 7019817
Conc: 49.17 ug/ml



#8 N-DOCOSANE

R.T.: 13.890 min
Delta R.T.: 0.006 min
Response: 6754239
Conc: 48.47 ug/ml



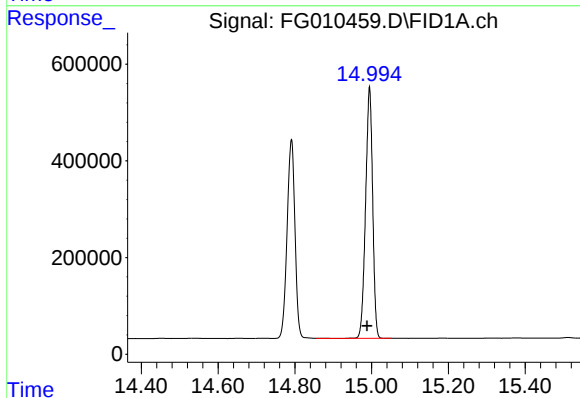
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.791 min
Delta R.T.: 0.006 min
Response: 5841819
Conc: 47.73 ug/ml

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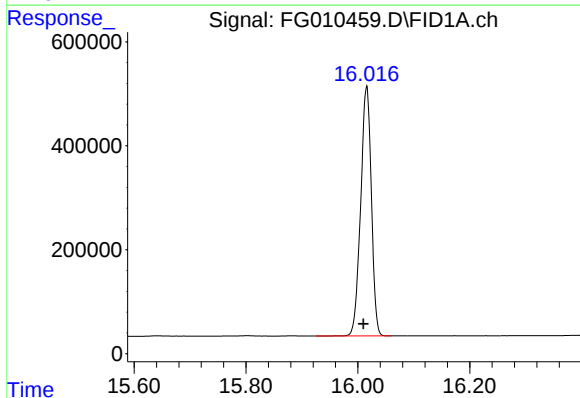
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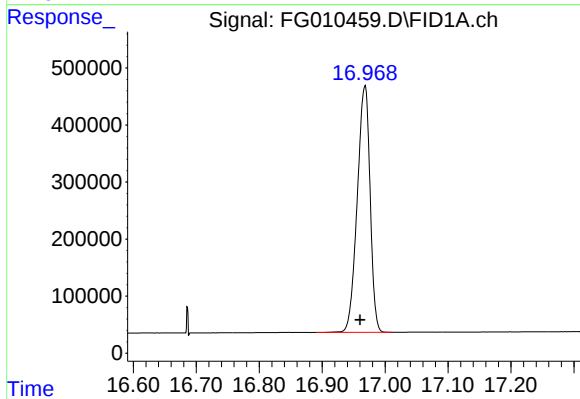
#10 N-TETRACOSANE

R.T.: 14.994 min
Delta R.T.: 0.006 min
Response: 6610853
Conc: 47.71 ug/ml



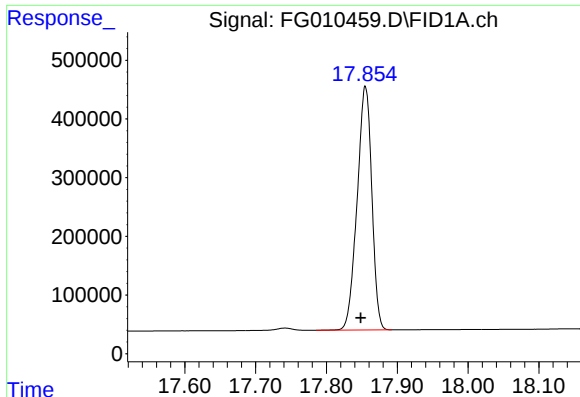
#11 N-HEXACOSANE

R.T.: 16.016 min
Delta R.T.: 0.006 min
Response: 6366600
Conc: 46.93 ug/ml



#12 N-OCTACOSANE

R.T.: 16.968 min
Delta R.T.: 0.008 min
Response: 6127476
Conc: 46.33 ug/ml



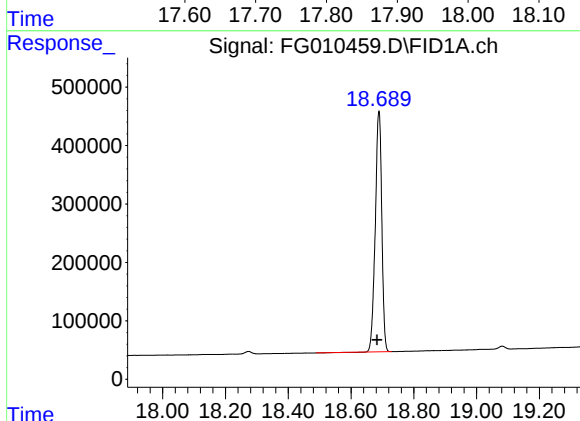
#13 N-TRIACONTANE

R.T.: 17.855 min
Delta R.T.: 0.007 min
Response: 5987911
Conc: 46.21 ug/ml

Instrument :
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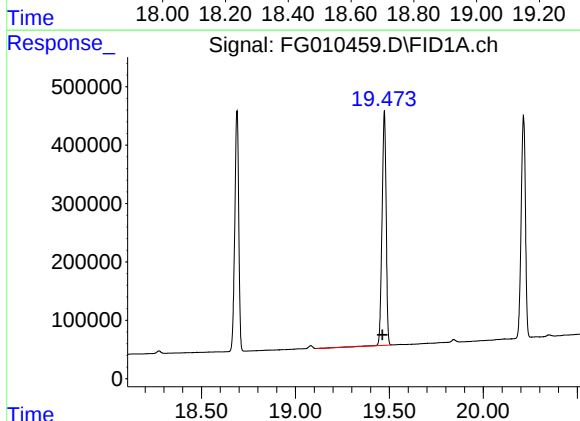
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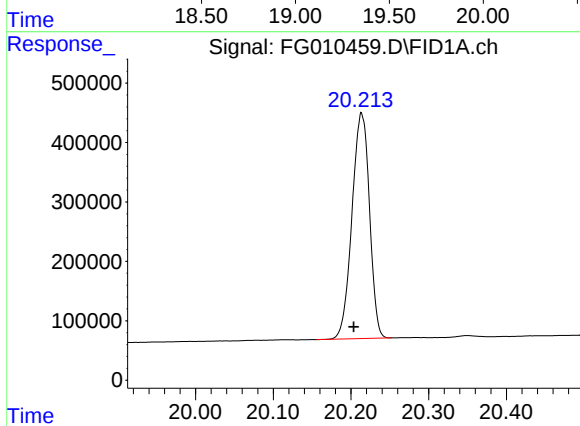
#14 N-DOTRIACONTANE

R.T.: 18.689 min
Delta R.T.: 0.007 min
Response: 5928802
Conc: 46.37 ug/ml



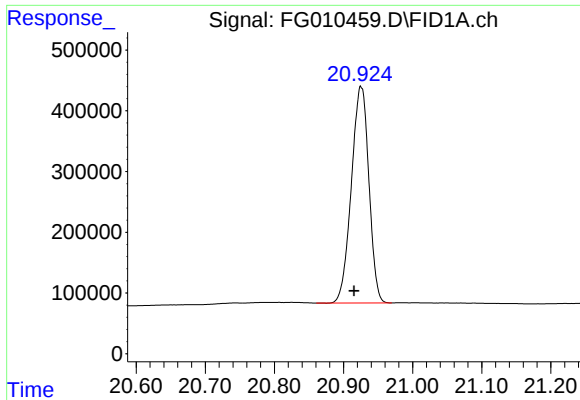
#15 N-TETRATRIACONTANE

R.T.: 19.473 min
Delta R.T.: 0.010 min
Response: 6028594
Conc: 48.73 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.214 min
Delta R.T.: 0.010 min
Response: 5940664
Conc: 51.18 ug/ml



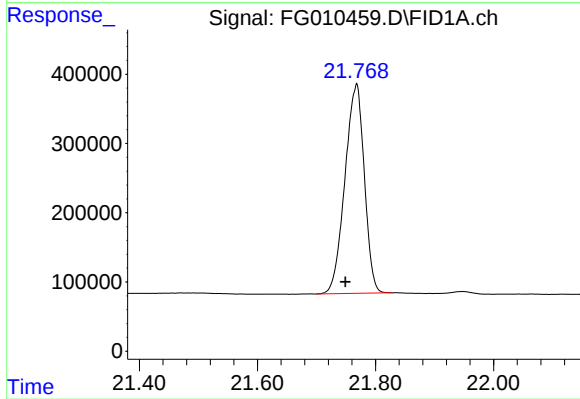
#17 N-OCTATRIACONTANE

R.T.: 20.925 min
Delta R.T.: 0.010 min
Response: 6280615
Conc: 54.68 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.768 min
Delta R.T.: 0.019 min
Response: 6882039
Conc: 58.37 ug/ml m