

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG053124\
 Data File : FG013850.D
 Signal(s) : FID1A.ch
 Acq On : 31 May 2024 13:12
 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 06/03/2024
 Supervised By :Ankita Jodhani 06/03/2024

Integration File: autoint1.e
 Quant Time: Jun 01 01:24:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Quant Title :
 QLast Update : Tue May 28 12:12:14 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...	14.974	5744436	52.126 ug/ml
Target Compounds			
1) N-OCTANE	1.983	5751568	47.877 ug/ml
2) N-DECANE	4.494	6193047	50.899 ug/ml
3) N-DODECANE	6.667	6331815	50.979 ug/ml
4) N-TETRADECANE	8.500	6546880	51.361 ug/ml
5) N-HEXADECANE	10.110	6646707	52.053 ug/ml
6) N-OCTADECANE	11.557	6752759	52.427 ug/ml
7) N-EICOSANE	12.870	6651024	51.534 ug/ml
8) N-DOCOSANE	14.072	6527692	52.398 ug/ml
10) N-TETRACOSANE	15.178	6514895	52.819 ug/ml
11) N-HEXACOSANE	16.203	6408586	52.765 ug/ml
12) N-OCTACOSANE	17.155	6289860	53.080 ug/ml
13) N-TRIACONTANE	18.045	6059725	51.594 ug/ml
14) N-DOTRIACONTANE	18.878	5567614	49.530 ug/mlm
15) N-TETRATRIACONTANE	19.662	4992817	48.550 ug/ml
16) N-HEXATRIACONTANE	20.404	4352422	48.895 ug/mlm
17) N-OCTATRIACONTANE	21.140	3977351	50.527 ug/mlm
18) N-TETRACONTANE	22.046	3525646	53.990 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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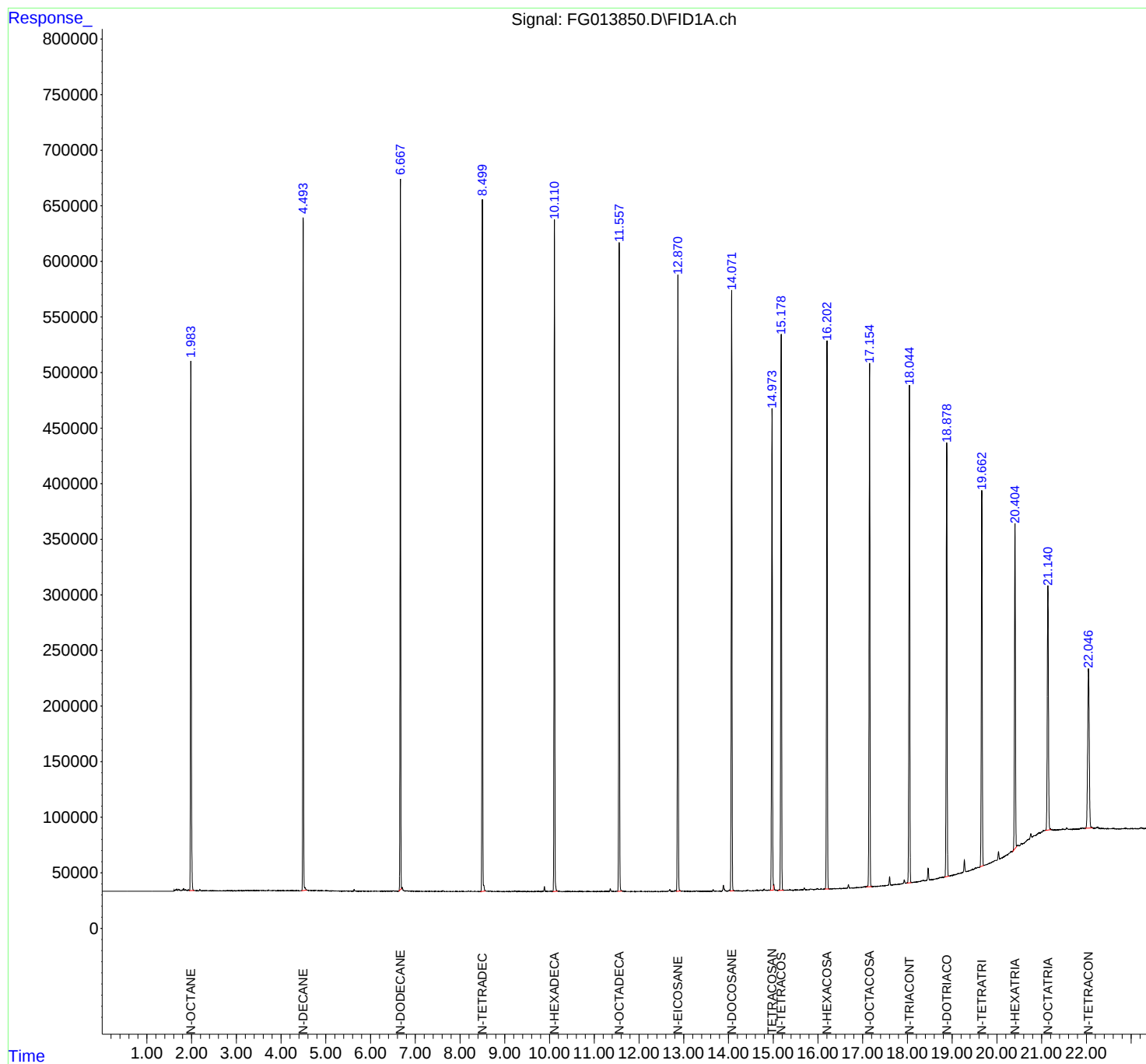
Instrument :
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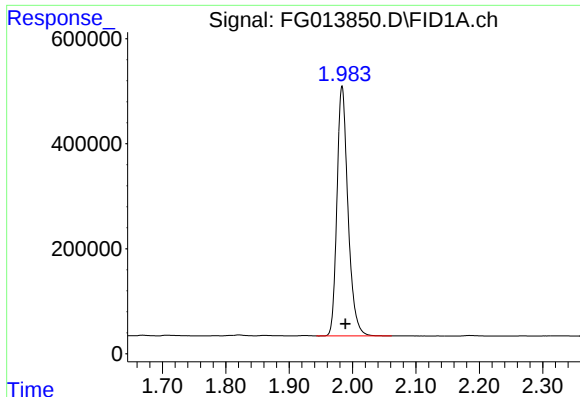
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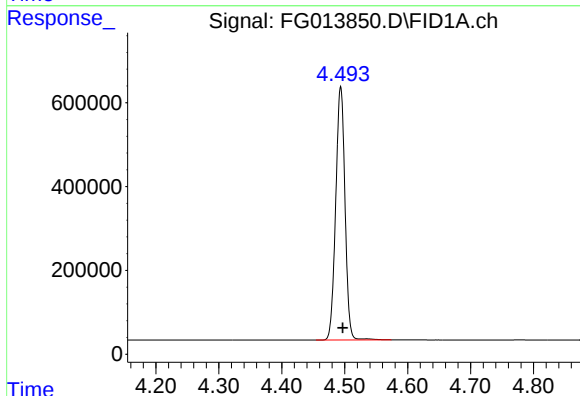
#1 N-OCTANE

R.T.: 1.983 min
Delta R.T.: -0.006 min
Response: 5751568
Conc: 47.88 ug/ml

Instrument :
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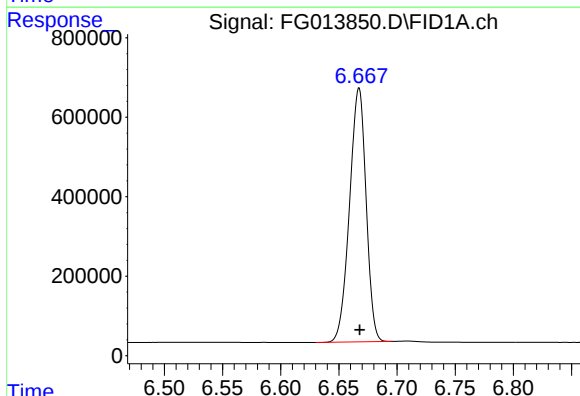
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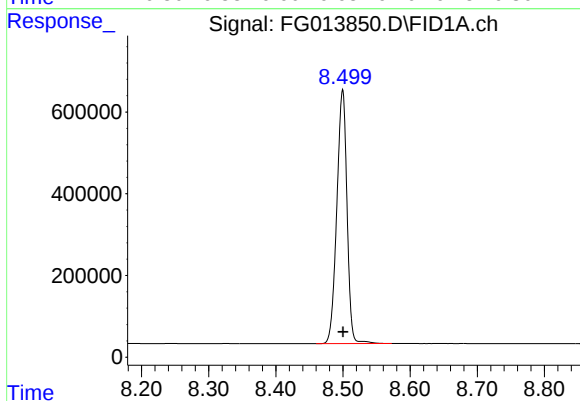
#2 N-DECANE

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 6193047
Conc: 50.90 ug/ml



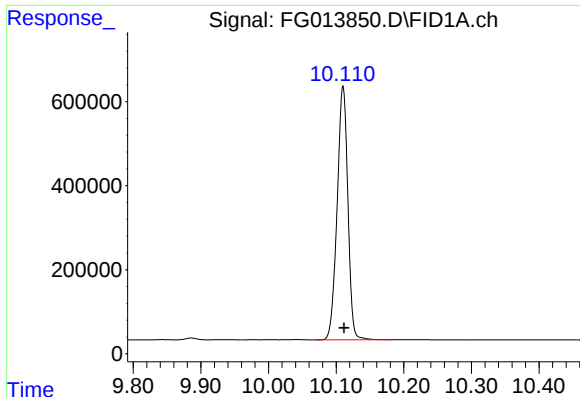
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 6331815
Conc: 50.98 ug/ml



#4 N-TETRADECANE

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 6546880
Conc: 51.36 ug/ml



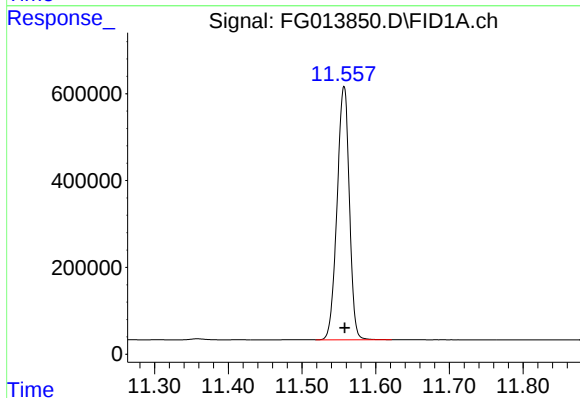
#5 N-HEXADECANE

R.T.: 10.110 min
Delta R.T.: -0.002 min
Response: 6646707
Conc: 52.05 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

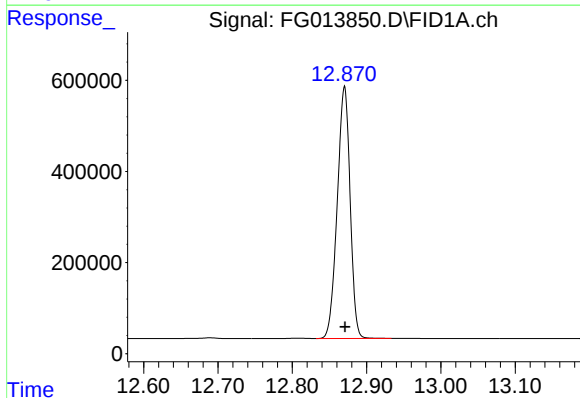
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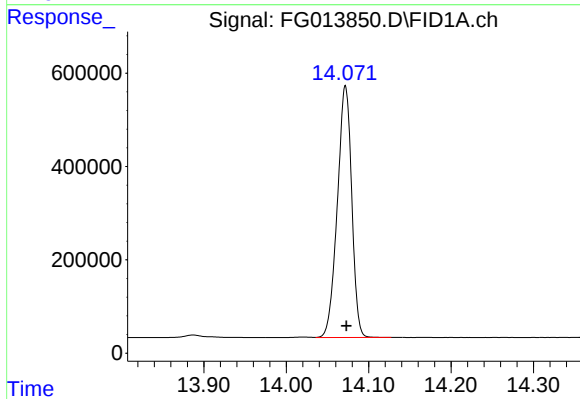
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: 0.000 min
Response: 6752759
Conc: 52.43 ug/ml



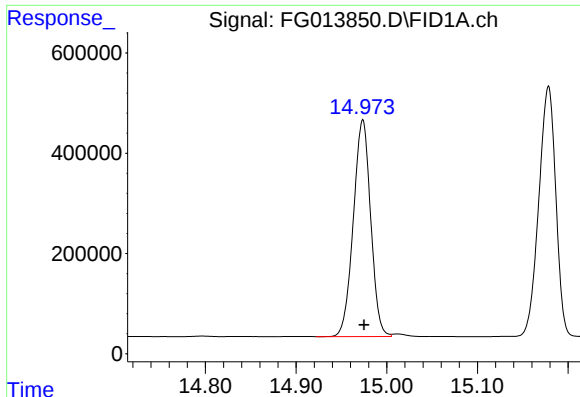
#7 N-EICOSANE

R.T.: 12.870 min
Delta R.T.: 0.000 min
Response: 6651024
Conc: 51.53 ug/ml



#8 N-DOCOSANE

R.T.: 14.072 min
Delta R.T.: -0.001 min
Response: 6527692
Conc: 52.40 ug/ml



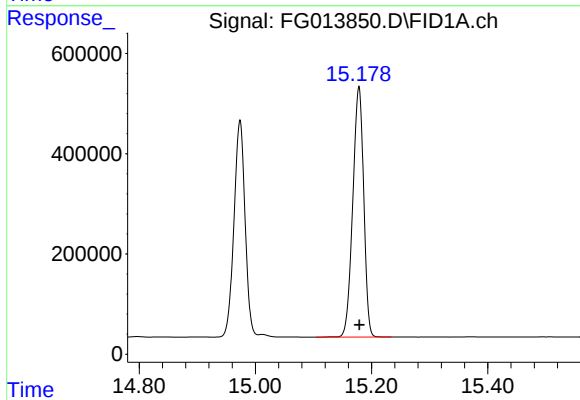
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.974 min
Delta R.T.: -0.001 min
Response: 5744436
Conc: 52.13 ug/ml

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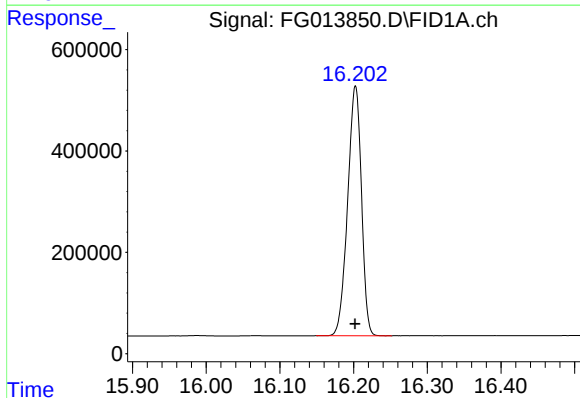
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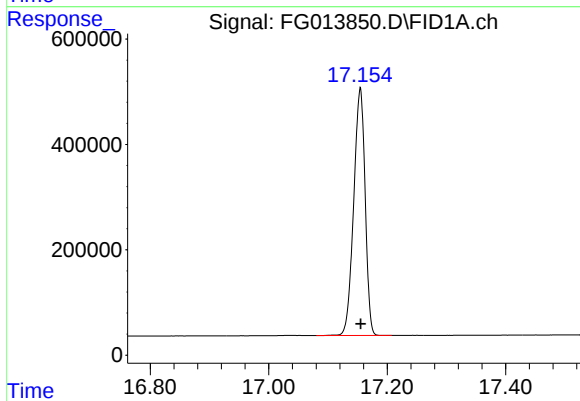
#10 N-TETRACOSANE

R.T.: 15.178 min
Delta R.T.: 0.000 min
Response: 6514895
Conc: 52.82 ug/ml



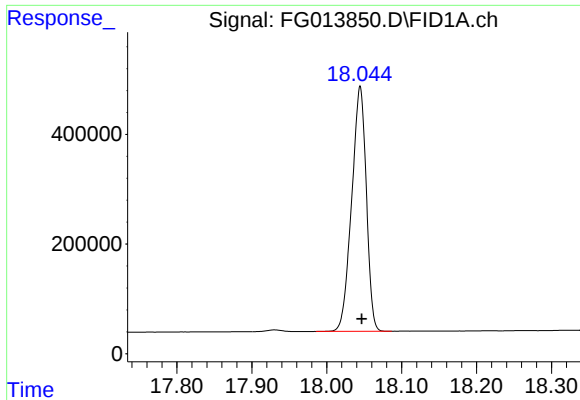
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: 0.000 min
Response: 6408586
Conc: 52.77 ug/ml



#12 N-OCTACOSANE

R.T.: 17.155 min
Delta R.T.: 0.000 min
Response: 6289860
Conc: 53.08 ug/ml



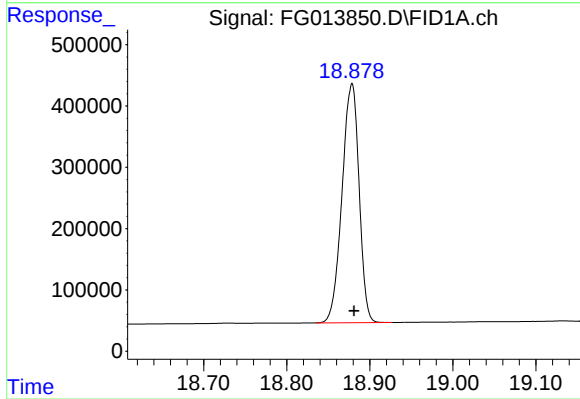
#13 N-TRIACONTANE

R.T.: 18.045 min
Delta R.T.: -0.002 min
Response: 6059725
Conc: 51.59 ug/ml

Instrument :
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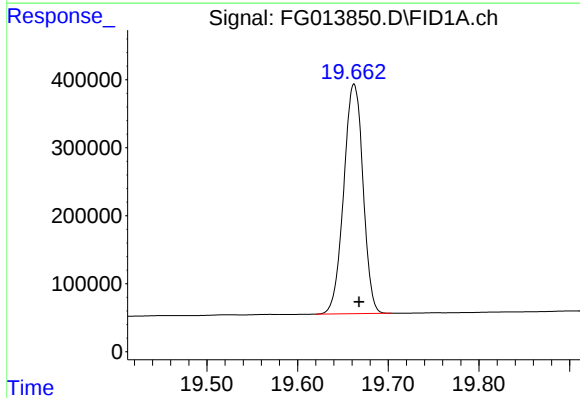
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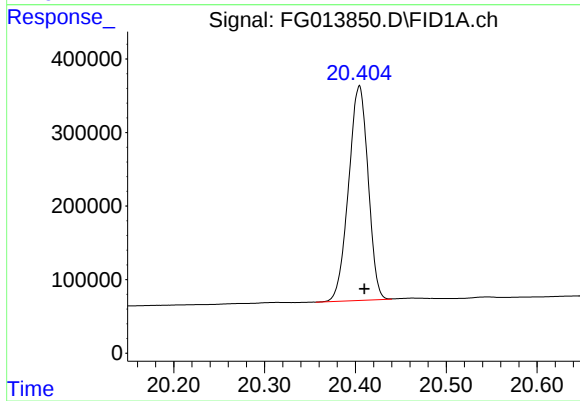
#14 N-DOTRIACONTANE

R.T.: 18.878 min
Delta R.T.: -0.003 min
Response: 5567614
Conc: 49.53 ug/ml m



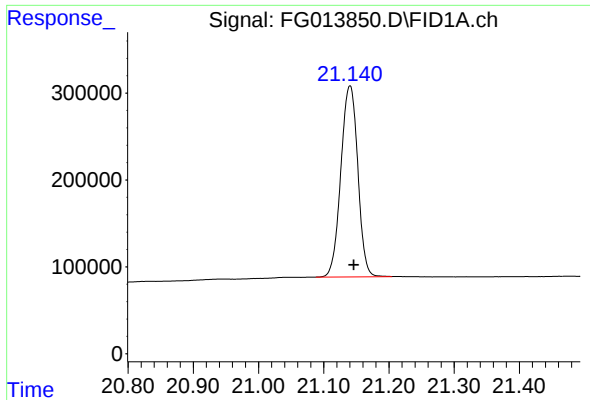
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.005 min
Response: 4992817
Conc: 48.55 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.404 min
Delta R.T.: -0.006 min
Response: 4352422
Conc: 48.90 ug/ml m



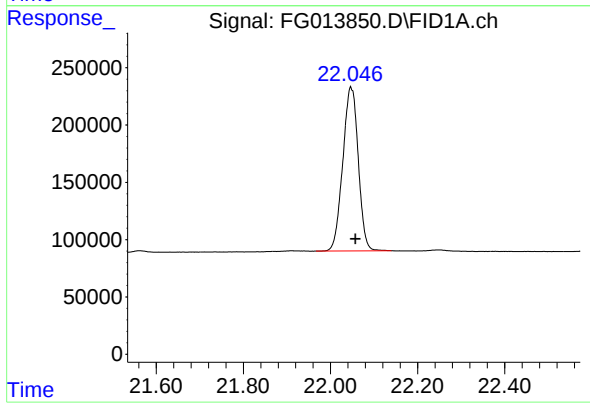
#17 N-OCTATRIACONTANE

R.T.: 21.140 min
Delta R.T.: -0.006 min
Response: 3977351
Conc: 50.53 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.046 min
Delta R.T.: -0.011 min
Response: 3525646
Conc: 53.99 ug/ml