

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071124\
 Data File : FG013934.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2024 22:15
 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 07/12/2024
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e
 Quant Time: Jul 12 02:54:48 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...	14.958	5679091	52.496 ug/ml
Target Compounds			
1) N-OCTANE	1.971	5887349	49.376 ug/ml
2) N-DECANE	4.478	5937593	49.616 ug/ml
3) N-DODECANE	6.651	6213064	50.783 ug/ml
4) N-TETRADECANE	8.483	6127245	49.793 ug/ml
5) N-HEXADECANE	10.095	6276404	50.304 ug/ml
6) N-OCTADECANE	11.542	6411512	50.602 ug/ml
7) N-EICOSANE	12.855	6289385	49.405 ug/ml
8) N-DOCOSANE	14.056	6179523	50.330 ug/ml
10) N-TETRACOSANE	15.164	6135888	50.658 ug/ml
11) N-HEXACOSANE	16.186	6025370	50.413 ug/ml
12) N-OCTACOSANE	17.137	5934684	50.421 ug/ml
13) N-TRIACONTANE	18.027	5834119	48.775 ug/ml
14) N-DOTRIACONTANE	18.864	5532693	47.144 ug/ml
15) N-TETRATRIACONTANE	19.646	4623584	41.850 ug/mlm
16) N-HEXATRIACONTANE	20.388	3690605	36.668 ug/ml
17) N-OCTATRIACONTANE	21.122	3311110	35.854 ug/ml
18) N-TETRACONTANE	22.022	3174928	38.069 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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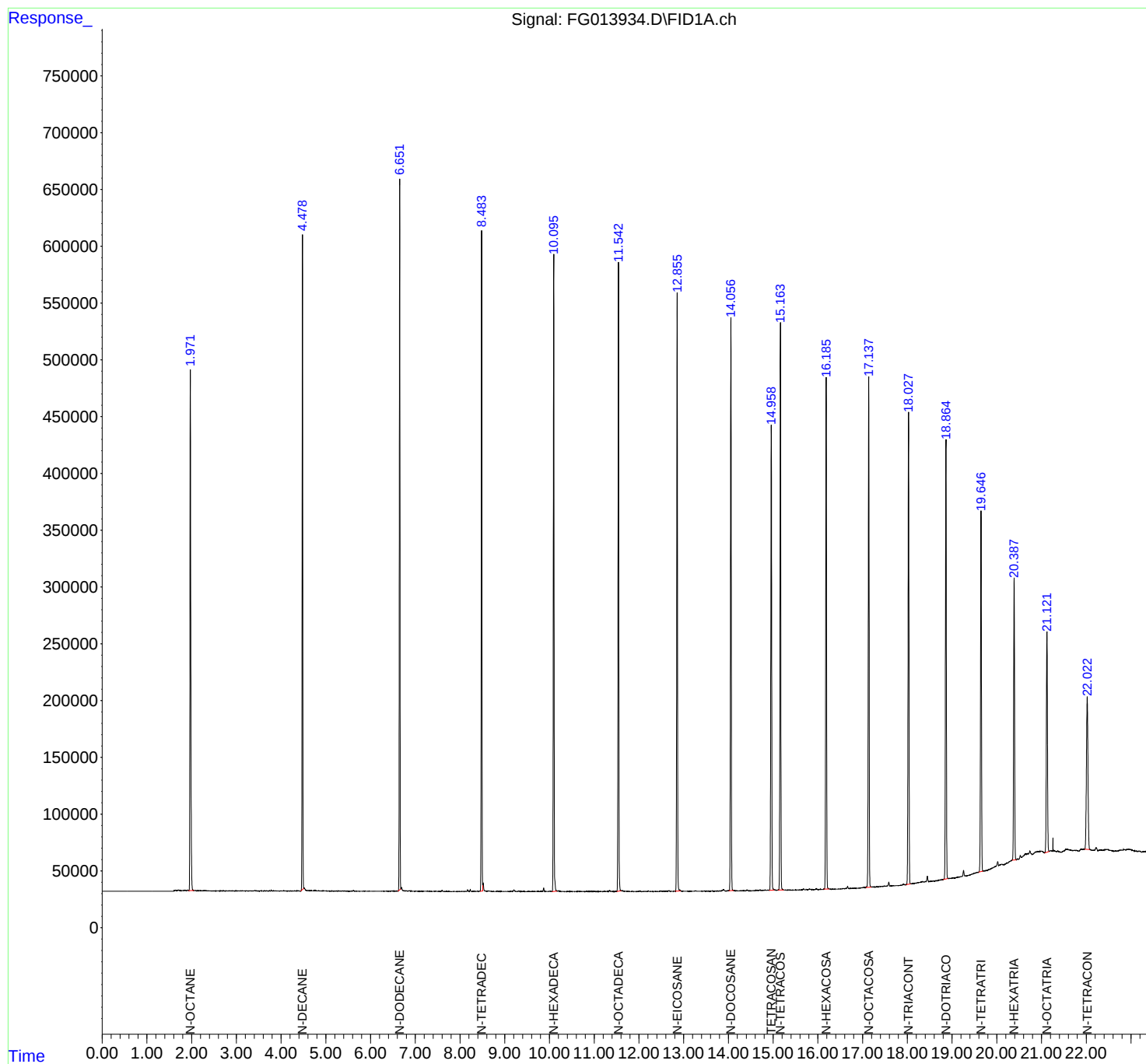
Instrument :
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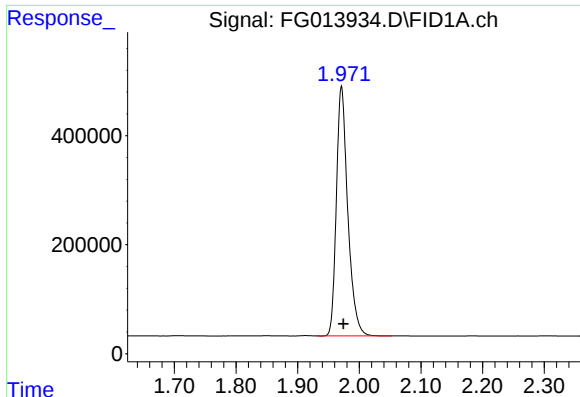
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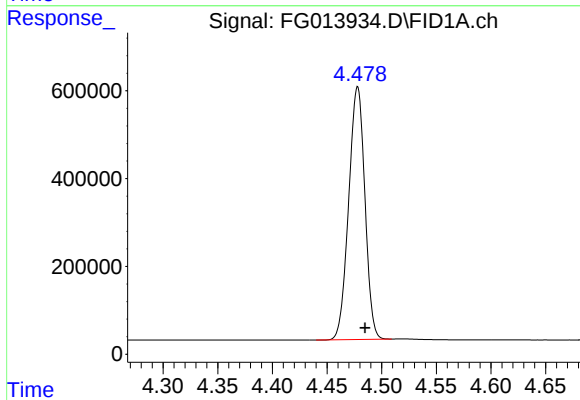
#1 N-OCTANE

R.T.: 1.971 min
Delta R.T.: -0.003 min
Response: 5887349
Conc: 49.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

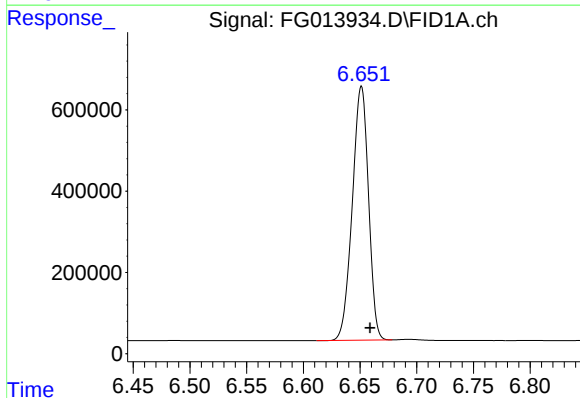
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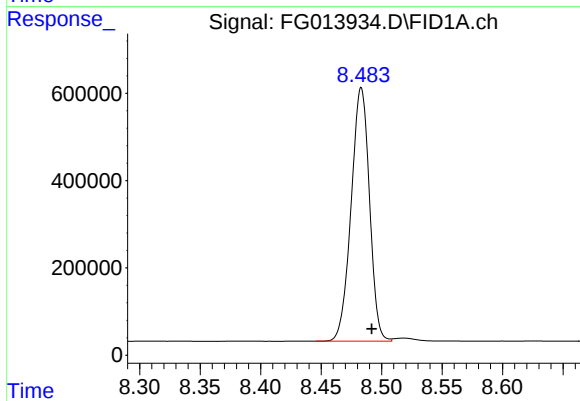
#2 N-DECANE

R.T.: 4.478 min
Delta R.T.: -0.007 min
Response: 5937593
Conc: 49.62 ug/ml



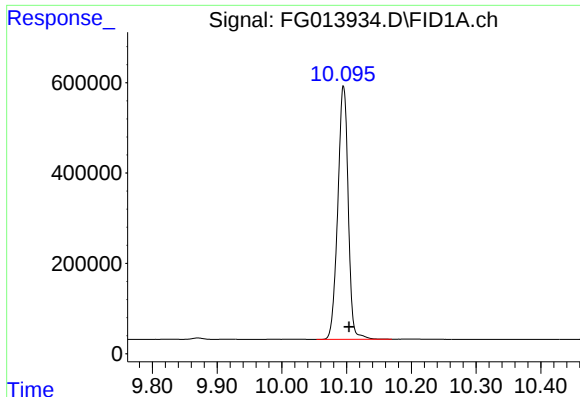
#3 N-DODECANE

R.T.: 6.651 min
Delta R.T.: -0.008 min
Response: 6213064
Conc: 50.78 ug/ml



#4 N-TETRADECANE

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 6127245
Conc: 49.79 ug/ml



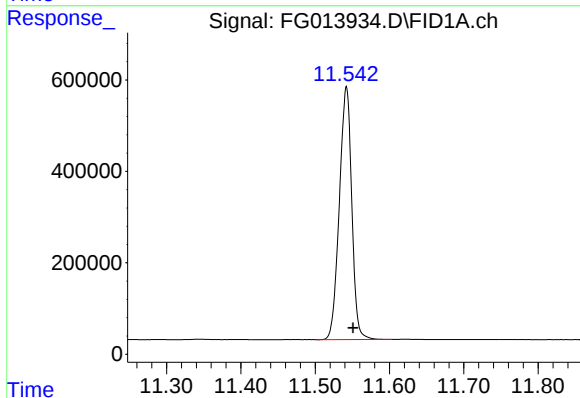
#5 N-HEXADECANE

R.T.: 10.095 min
Delta R.T.: -0.009 min
Response: 6276404
Conc: 50.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

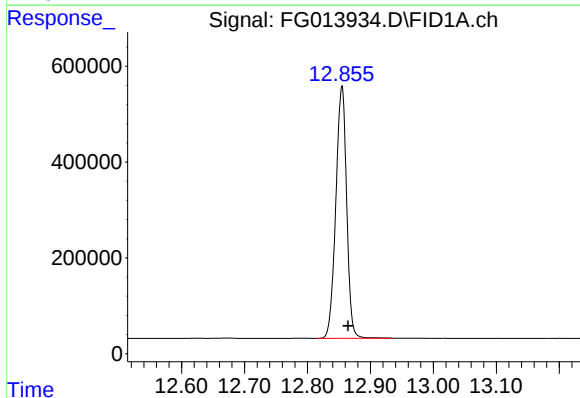
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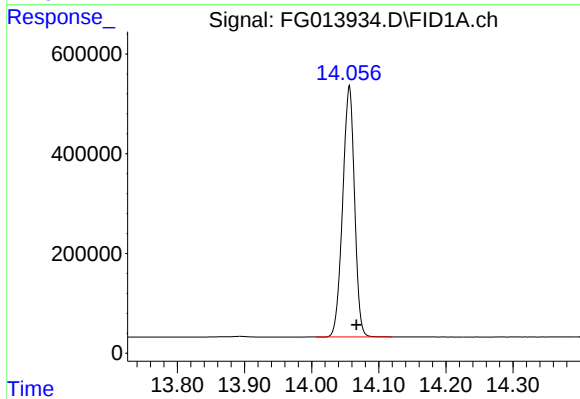
#6 N-OCTADECANE

R.T.: 11.542 min
Delta R.T.: -0.009 min
Response: 6411512
Conc: 50.60 ug/ml



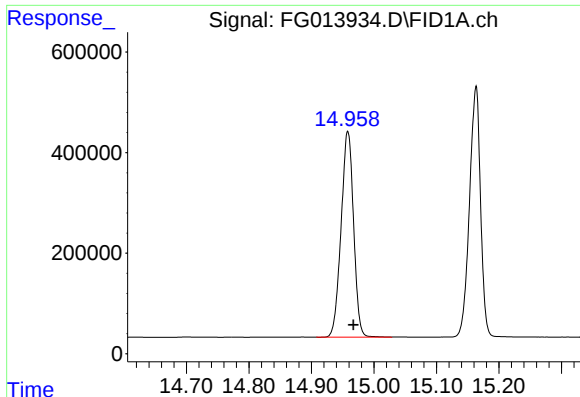
#7 N-EICOSANE

R.T.: 12.855 min
Delta R.T.: -0.009 min
Response: 6289385
Conc: 49.40 ug/ml



#8 N-DOCOSANE

R.T.: 14.056 min
Delta R.T.: -0.010 min
Response: 6179523
Conc: 50.33 ug/ml



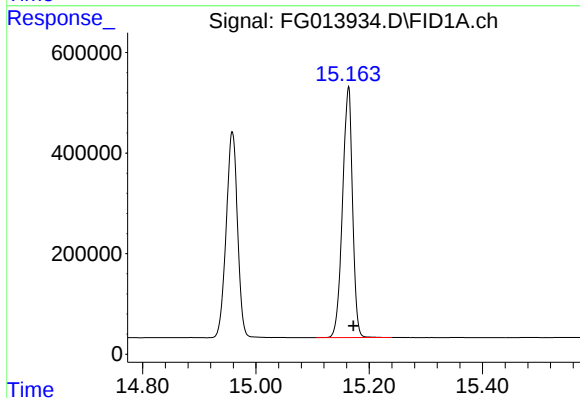
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.958 min
Delta R.T.: -0.009 min
Response: 5679091
Conc: 52.50 ug/ml

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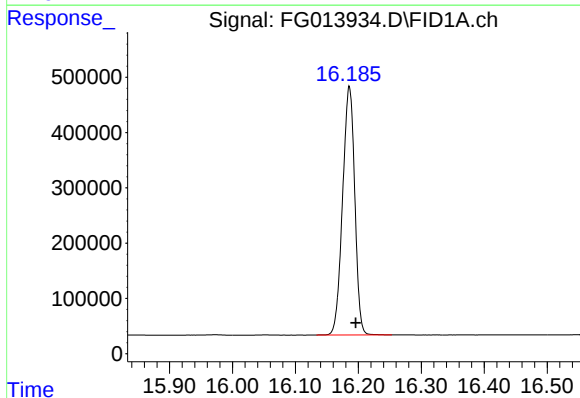
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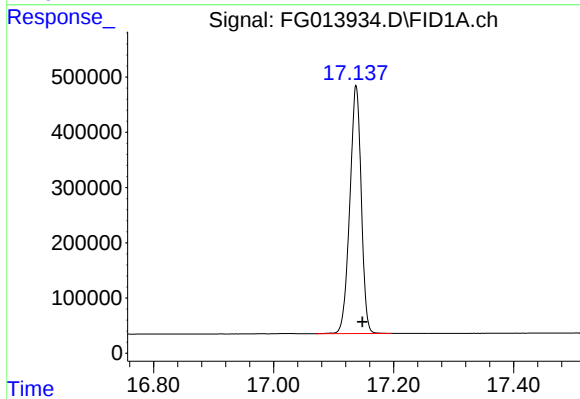
#10 N-TETRACOSANE

R.T.: 15.164 min
Delta R.T.: -0.008 min
Response: 6135888
Conc: 50.66 ug/ml



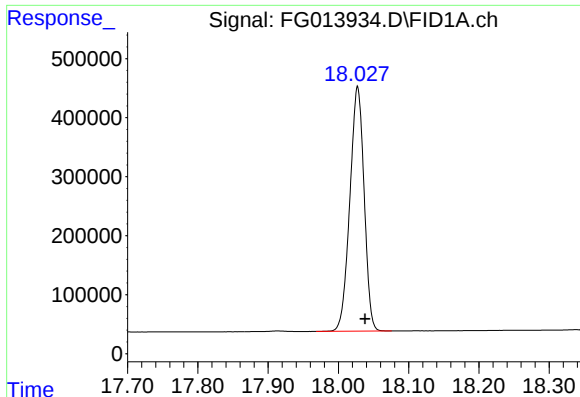
#11 N-HEXACOSANE

R.T.: 16.186 min
Delta R.T.: -0.010 min
Response: 6025370
Conc: 50.41 ug/ml



#12 N-OCTACOSANE

R.T.: 17.137 min
Delta R.T.: -0.010 min
Response: 5934684
Conc: 50.42 ug/ml



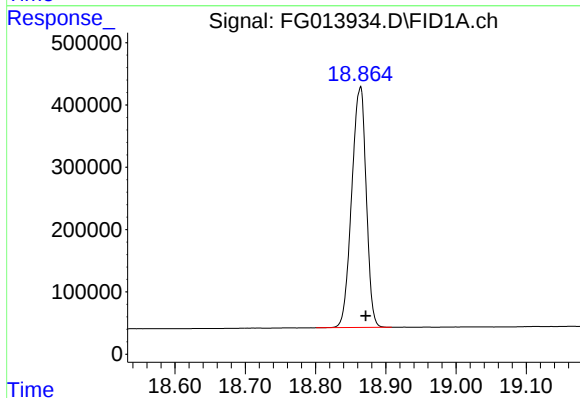
#13 N-TRIACONTANE

R.T.: 18.027 min
Delta R.T.: -0.011 min
Response: 5834119
Conc: 48.77 ug/ml

Instrument :
FID_G
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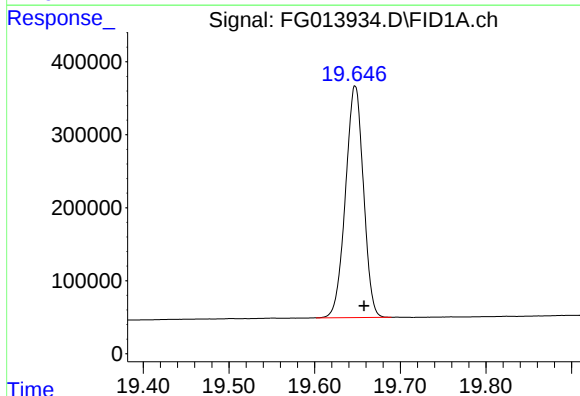
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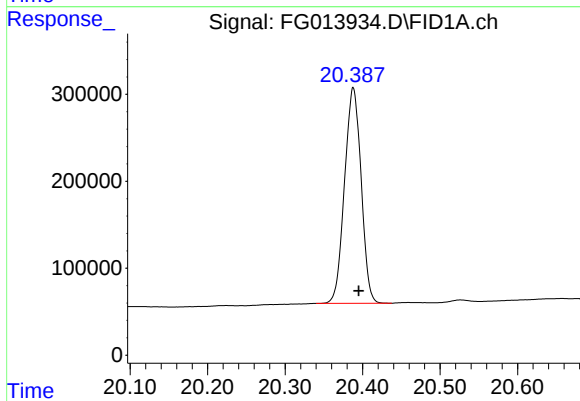
#14 N-DOTRIACONTANE

R.T.: 18.864 min
Delta R.T.: -0.008 min
Response: 5532693
Conc: 47.14 ug/ml



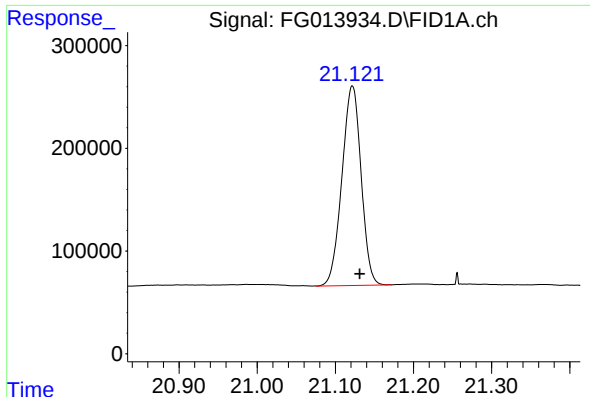
#15 N-TETRATRIACONTANE

R.T.: 19.646 min
Delta R.T.: -0.011 min
Response: 4623584
Conc: 41.85 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.388 min
Delta R.T.: -0.007 min
Response: 3690605
Conc: 36.67 ug/ml



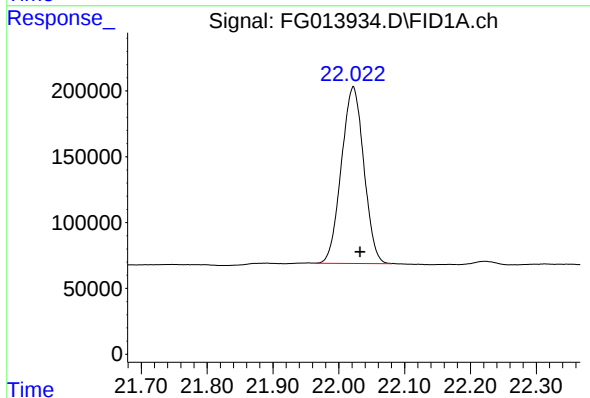
#17 N-OCTATRIACONTANE

R.T.: 21.122 min
Delta R.T.: -0.010 min
Response: 3311110
Conc: 35.85 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.022 min
Delta R.T.: -0.010 min
Response: 3174928
Conc: 38.07 ug/ml m