

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120225\
 Data File : FG017046.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2025 20:28
 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 :Rahul Chavli 12/03/2025
 Supervised By :mohammad ahmed 12/05/2025

Integration File: Sample.e
 Quant Time: Dec 03 00:29:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 2025
 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...	15.144	5186314	49.838 ug/ml
Target Compounds			
1) N-OCTANE	2.081	6128866	49.239 ug/ml
2) N-DECANE	4.618	6179903	51.806 ug/ml
3) N-DODECANE	6.801	6203234	51.933 ug/ml
4) N-TETRADECANE	8.640	6133036	52.994 ug/ml
5) N-HEXADECANE	10.259	6021247	52.621 ug/ml
6) N-OCTADECANE	11.711	6170694	51.448 ug/ml
7) N-EICOSANE	13.031	6257193	50.336 ug/ml
8) N-DOCOSANE	14.238	5960502	49.923 ug/ml
10) N-TETRACOSANE	15.350	5878714	50.036 ug/ml
11) N-HEXACOSANE	16.377	5613964	49.970 ug/ml
12) N-OCTACOSANE	17.334	5534413	49.048 ug/ml
13) N-TRIACONTANE	18.227	5539831	49.495 ug/ml
14) N-DOTRIACONTANE	19.065	5404553	49.993 ug/ml
15) N-TETRATRIACONTANE	19.853	5136314	51.235 ug/ml
16) N-HEXATRIACONTANE	20.598	4507586	51.680 ug/ml
17) N-OCTATRIACONTANE	21.370	3927483	51.505 ug/mlm
18) N-TETRACONTANE	22.349	3660870	58.514 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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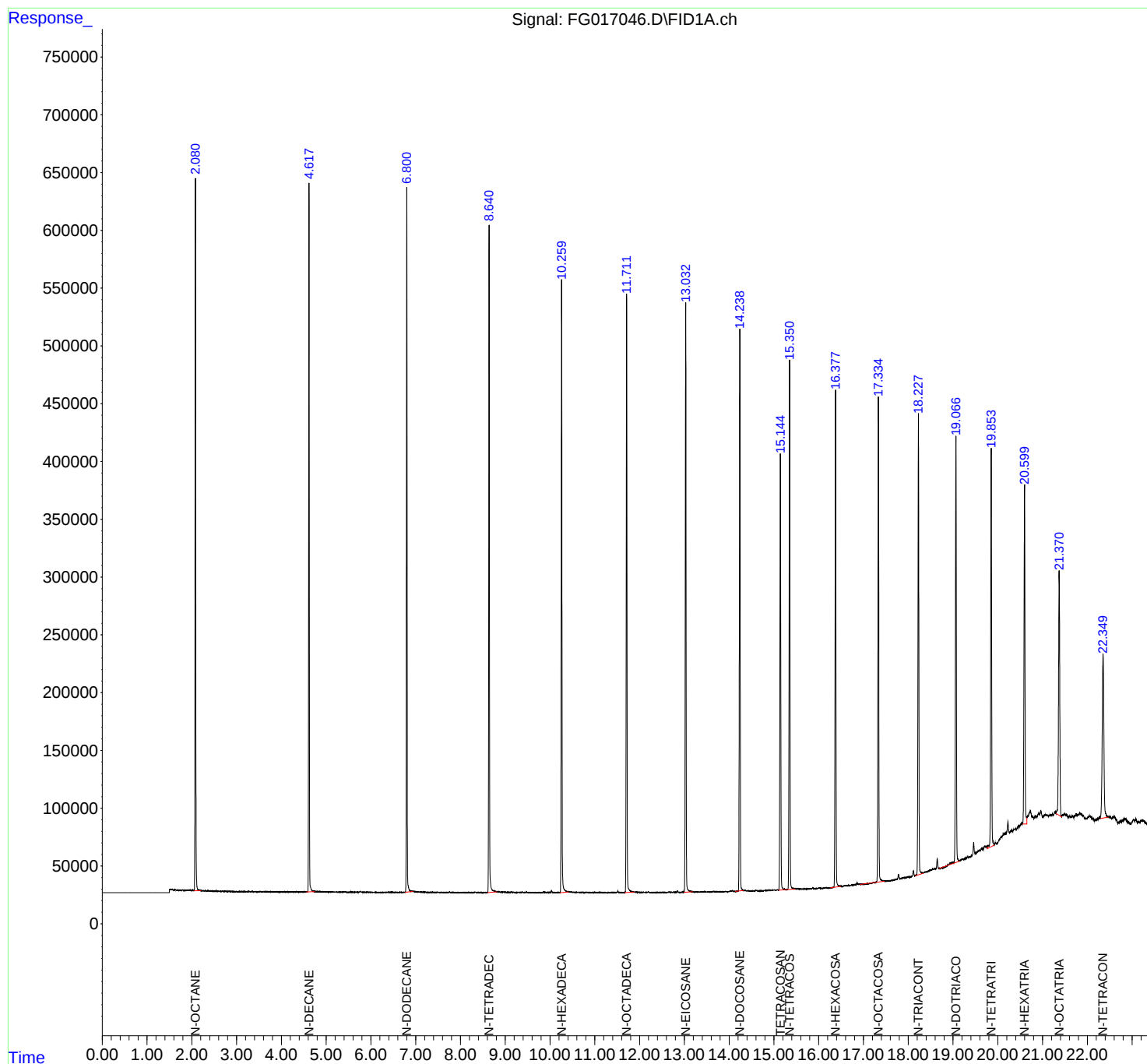
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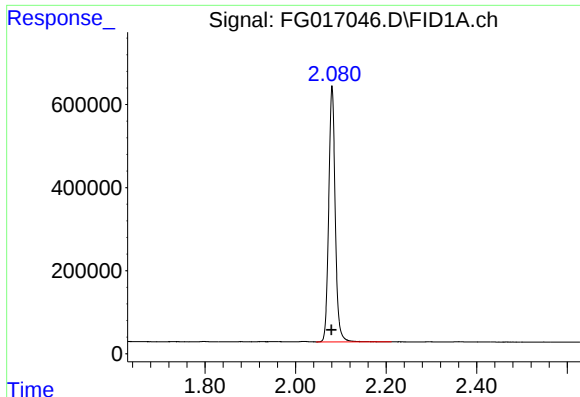
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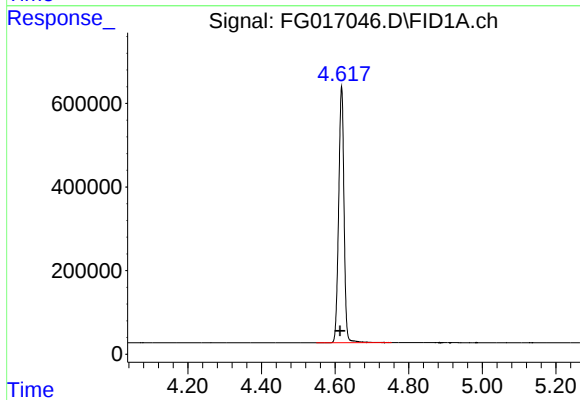
#1 N-OCTANE

R.T.: 2.081 min
Delta R.T.: 0.002 min
Response: 6128866
Conc: 49.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

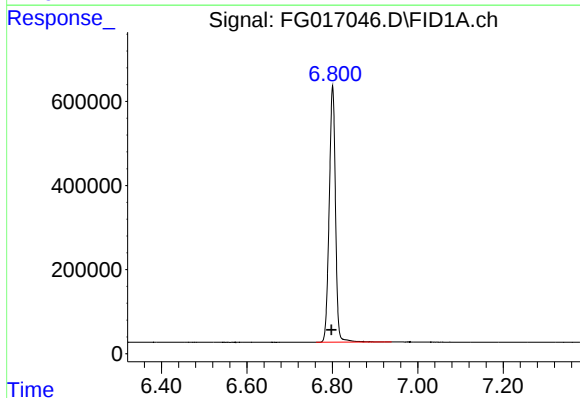
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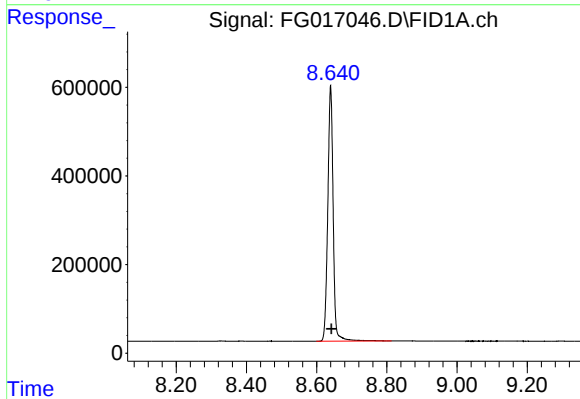
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: 0.004 min
Response: 6179903
Conc: 51.81 ug/ml



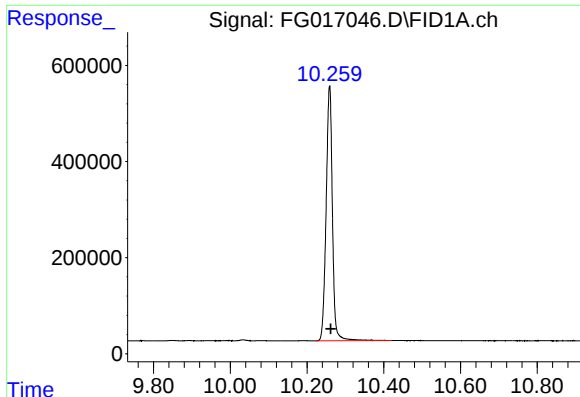
#3 N-DODECANE

R.T.: 6.801 min
Delta R.T.: 0.003 min
Response: 6203234
Conc: 51.93 ug/ml



#4 N-TETRADECANE

R.T.: 8.640 min
Delta R.T.: -0.002 min
Response: 6133036
Conc: 52.99 ug/ml



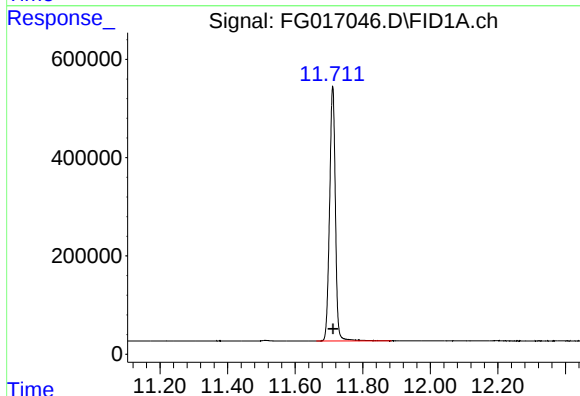
#5 N-HEXADECANE

R.T.: 10.259 min
Delta R.T.: -0.004 min
Response: 6021247
Conc: 52.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

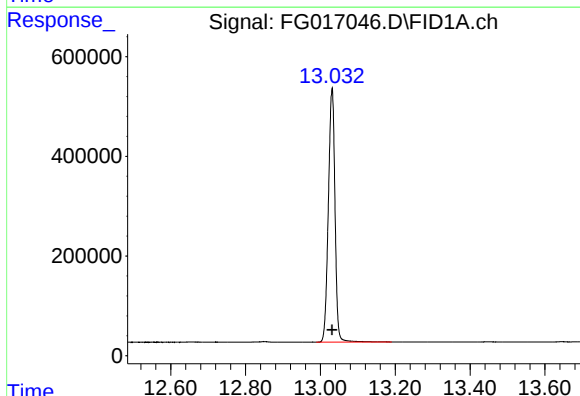
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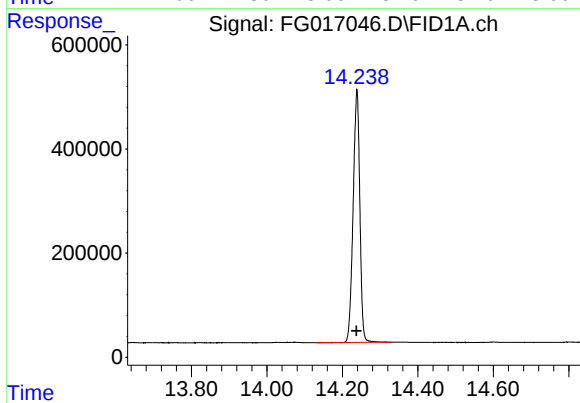
#6 N-OCTADECANE

R.T.: 11.711 min
Delta R.T.: 0.000 min
Response: 6170694
Conc: 51.45 ug/ml



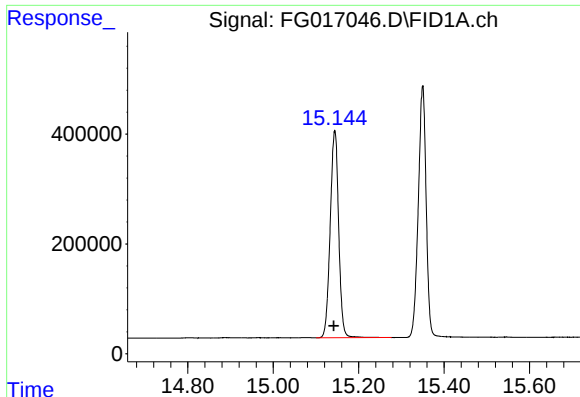
#7 N-EICOSANE

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 6257193
Conc: 50.34 ug/ml



#8 N-DOCOSANE

R.T.: 14.238 min
Delta R.T.: 0.001 min
Response: 5960502
Conc: 49.92 ug/ml



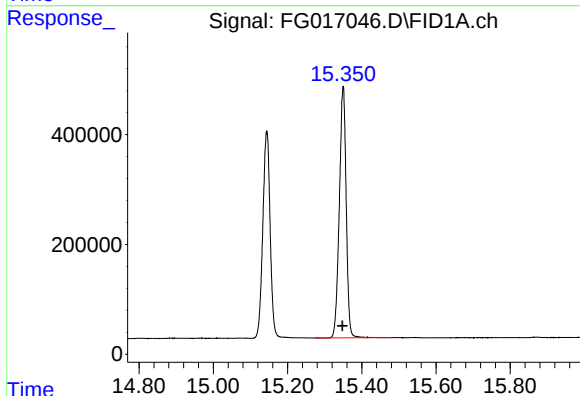
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.144 min
Delta R.T.: 0.002 min
Response: 5186314
Conc: 49.84 ug/ml

Instrument :
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50 PPM TRPH STD

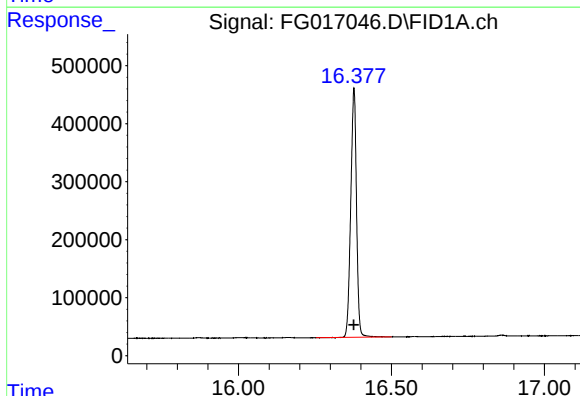
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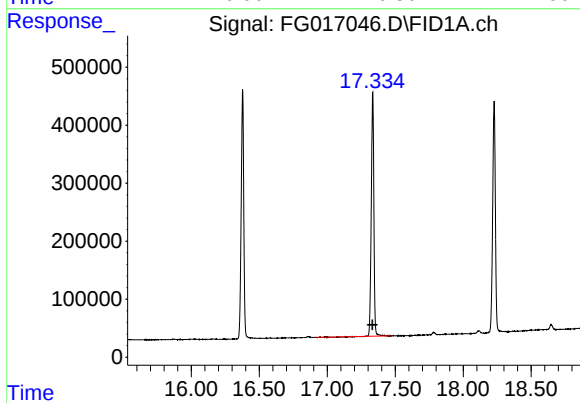
#10 N-TETRACOSANE

R.T.: 15.350 min
Delta R.T.: 0.002 min
Response: 5878714
Conc: 50.04 ug/ml



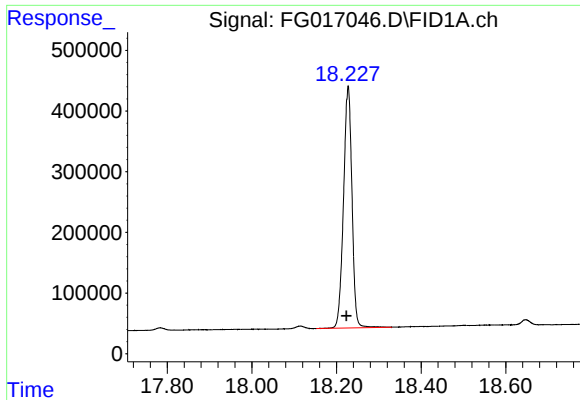
#11 N-HEXACOSANE

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 5613964
Conc: 49.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.334 min
Delta R.T.: 0.003 min
Response: 5534413
Conc: 49.05 ug/ml



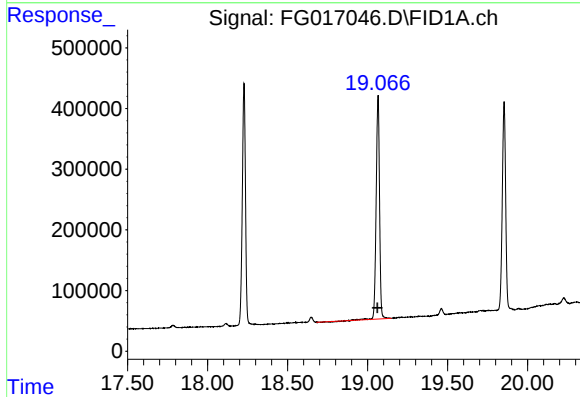
#13 N-TRIACONTANE

R.T.: 18.227 min
Delta R.T.: 0.004 min
Response: 5539831
Conc: 49.50 ug/ml

Instrument :
FID_G
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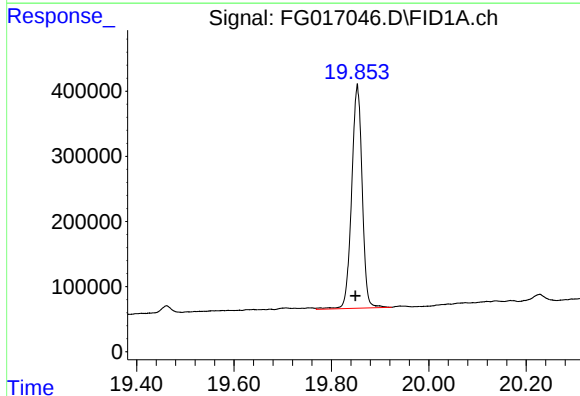
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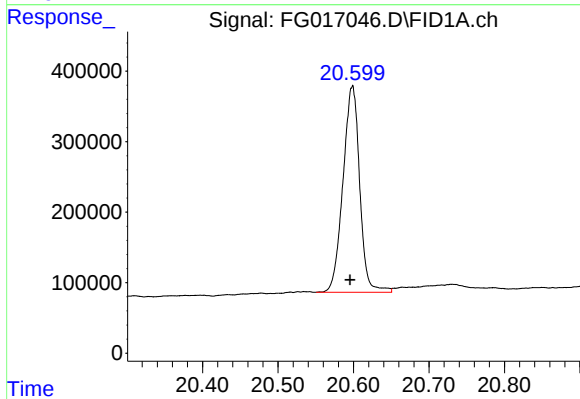
#14 N-DOTRIACONTANE

R.T.: 19.065 min
Delta R.T.: 0.004 min
Response: 5404553
Conc: 49.99 ug/ml



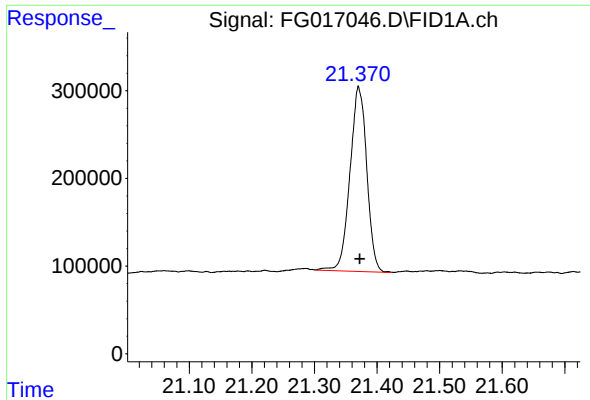
#15 N-TETRATRIACONTANE

R.T.: 19.853 min
Delta R.T.: 0.004 min
Response: 5136314
Conc: 51.23 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.598 min
Delta R.T.: 0.003 min
Response: 4507586
Conc: 51.68 ug/ml



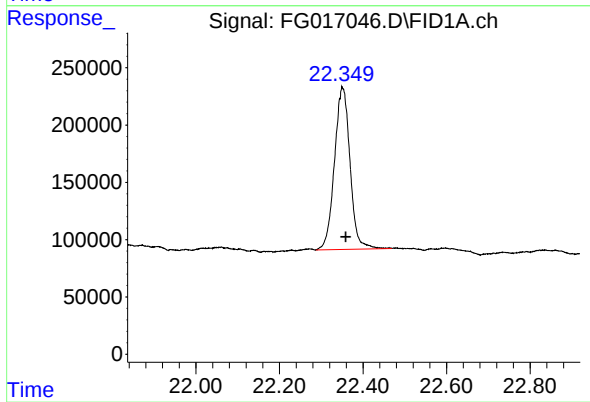
#17 N-OCTATRIACONTANE

R.T.: 21.370 min
Delta R.T.: -0.003 min
Response: 3927483
Conc: 51.50 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.349 min
Delta R.T.: -0.010 min
Response: 3660870
Conc: 58.51 ug/ml m