

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110223\
 Data File : FG013125.D
 Signal(s) : FID1A.ch
 Acq On : 02 Nov 2023 11:58
 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 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Integration File: autoint1.e
 Quant Time: Nov 02 23:08:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rx1-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.080	5425808	51.795 ug/ml
Target Compounds			
1) N-OCTANE	2.071	5353325	47.075 ug/ml
2) N-DECANE	4.593	5871209	51.066 ug/ml
3) N-DODECANE	6.767	5986212	51.825 ug/ml
4) N-TETRADECANE	8.601	5990095	52.533 ug/ml
5) N-HEXADECANE	10.214	6082089	52.379 ug/ml
6) N-OCTADECANE	11.662	6067426	52.253 ug/ml
7) N-EICOSANE	12.976	6000125	52.126 ug/ml
8) N-DOCOSANE	14.178	5780340	52.239 ug/ml
10) N-TETRACOSANE	15.284	5770233	52.518 ug/ml
11) N-HEXACOSANE	16.306	5658125	52.577 ug/ml
12) N-OCTACOSANE	17.259	5649858	52.988 ug/ml
13) N-TRIACONTANE	18.147	5741273	53.606 ug/ml
14) N-DOTRIACONTANE	18.981	5657404	54.049 ug/ml
15) N-TETRATRIACONTANE	19.764	4944457	54.323 ug/ml
16) N-HEXATRIACONTANE	20.502	4106869	55.837 ug/mlm
17) N-OCTATRIACONTANE	21.259	3801717	53.714 ug/ml
18) N-TETRACONTANE	22.206	3743296	51.641 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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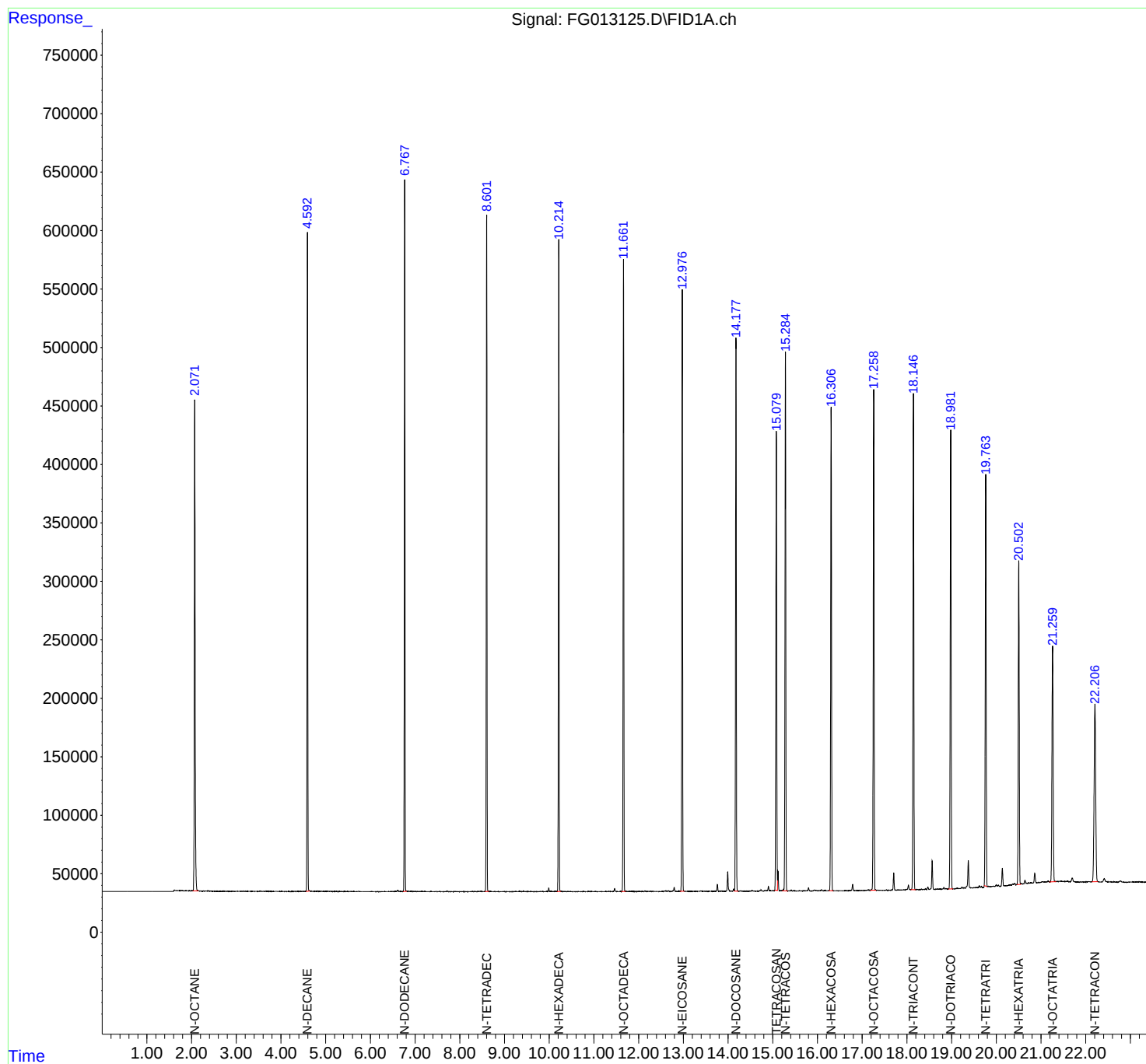
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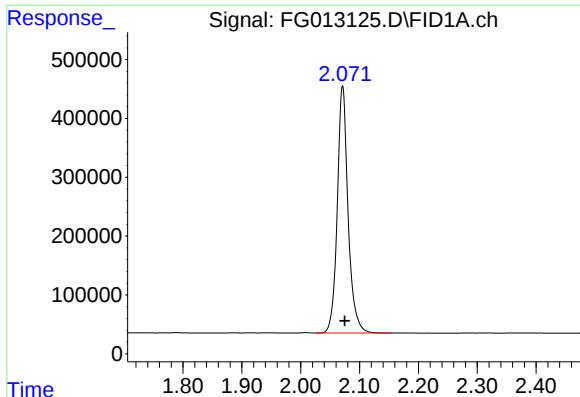
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.071 min
Delta R.T.: -0.004 min
Response: 5353325
Conc: 47.07 ug/ml

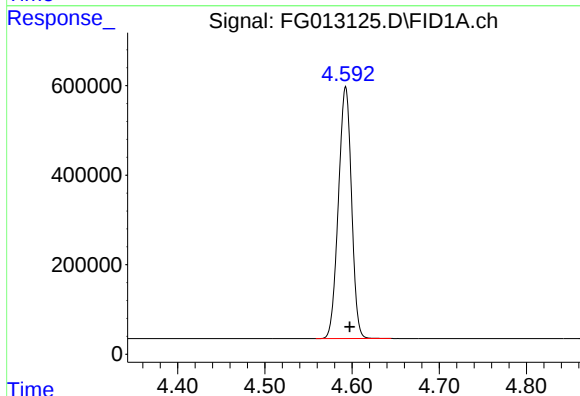
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

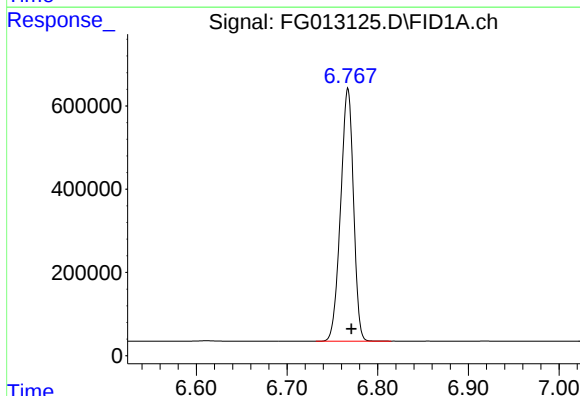
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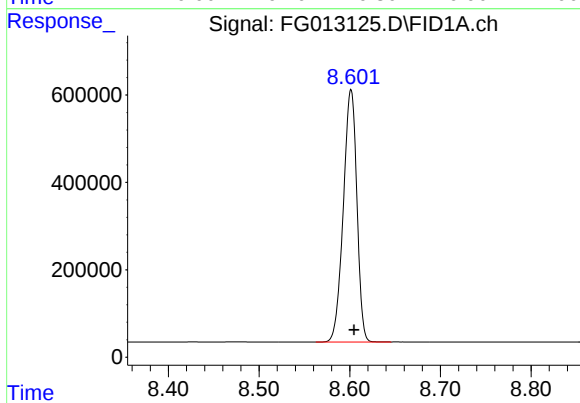
#2 N-DECANE

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 5871209
Conc: 51.07 ug/ml



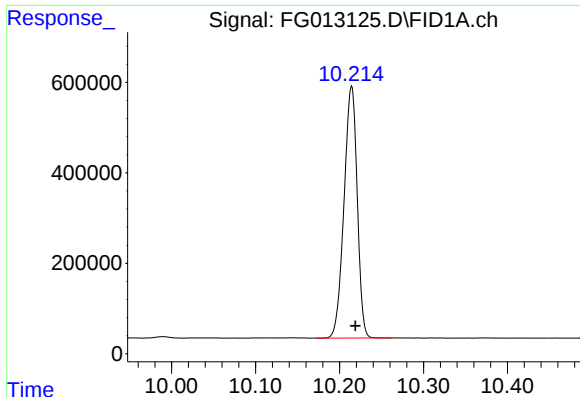
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 5986212
Conc: 51.82 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.003 min
Response: 5990095
Conc: 52.53 ug/ml



#5 N-HEXADECANE

R.T.: 10.214 min
Delta R.T.: -0.005 min
Response: 6082089
Conc: 52.38 ug/ml

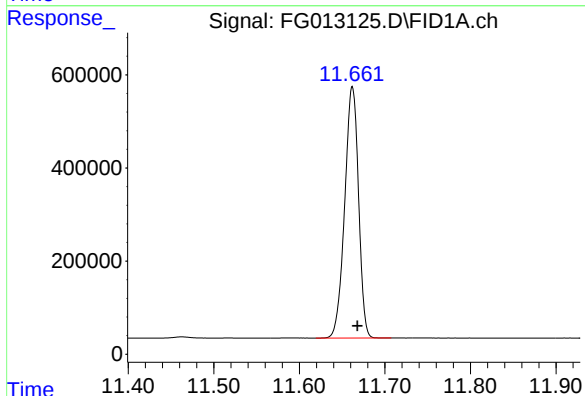
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

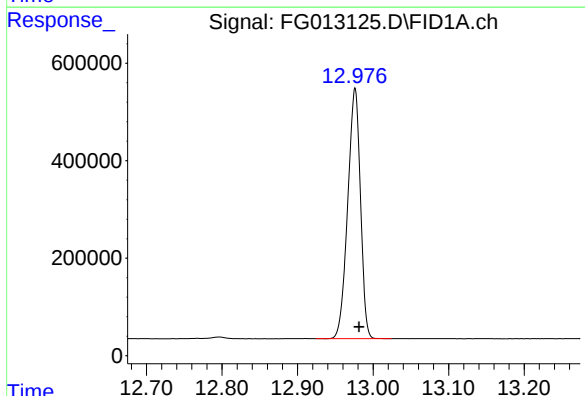
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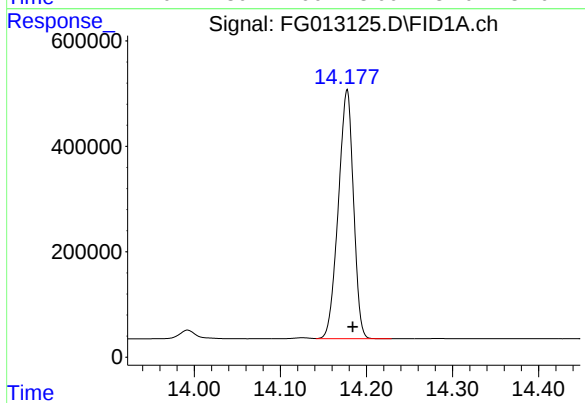
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.006 min
Response: 6067426
Conc: 52.25 ug/ml



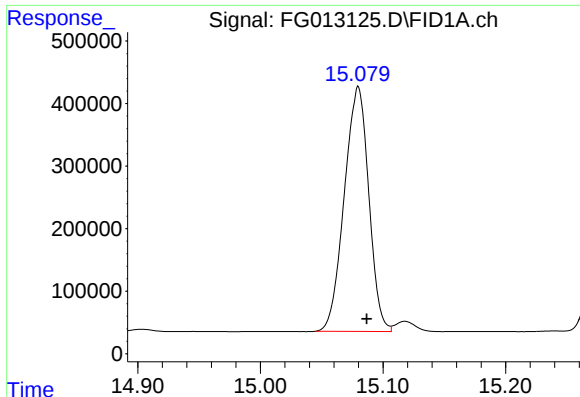
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 6000125
Conc: 52.13 ug/ml



#8 N-DOCOSANE

R.T.: 14.178 min
Delta R.T.: -0.007 min
Response: 5780340
Conc: 52.24 ug/ml



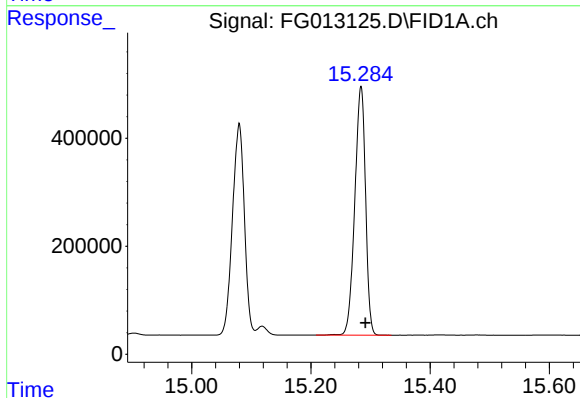
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: -0.007 min
Response: 5425808
Conc: 51.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

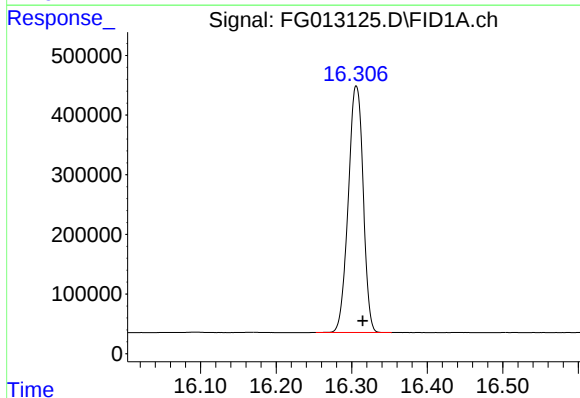
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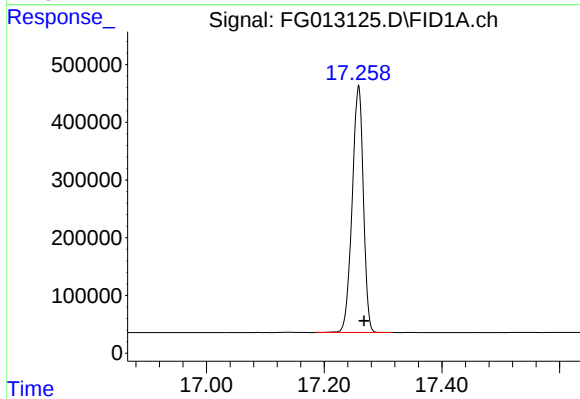
#10 N-TETRACOSANE

R.T.: 15.284 min
Delta R.T.: -0.008 min
Response: 5770233
Conc: 52.52 ug/ml



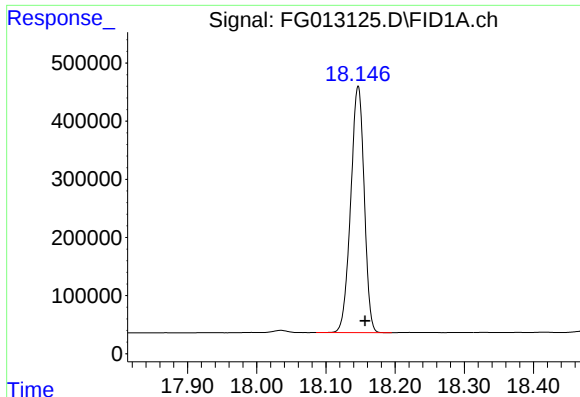
#11 N-HEXACOSANE

R.T.: 16.306 min
Delta R.T.: -0.009 min
Response: 5658125
Conc: 52.58 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: -0.009 min
Response: 5649858
Conc: 52.99 ug/ml



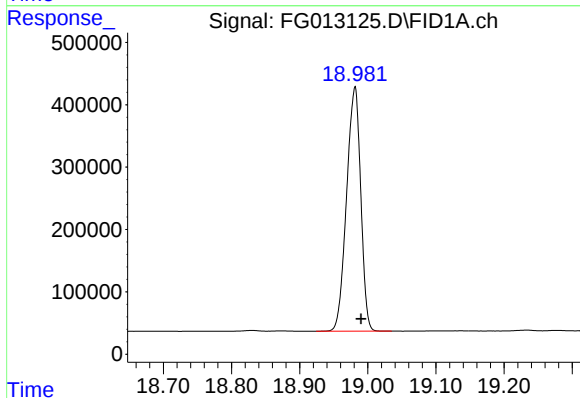
#13 N-TRIACONTANE

R.T.: 18.147 min
Delta R.T.: -0.010 min
Response: 5741273
Conc: 53.61 ug/ml

Instrument :
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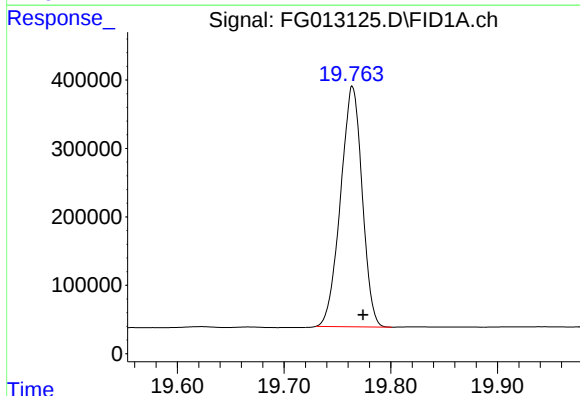
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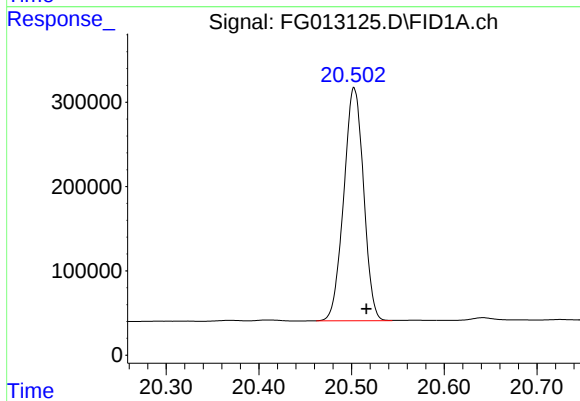
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: -0.009 min
Response: 5657404
Conc: 54.05 ug/ml



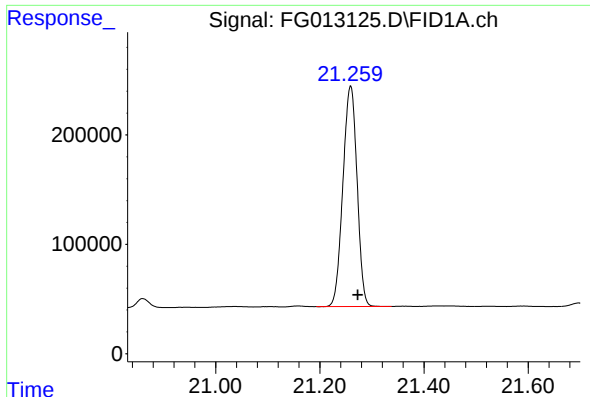
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: -0.010 min
Response: 4944457
Conc: 54.32 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.502 min
Delta R.T.: -0.014 min
Response: 4106869
Conc: 55.84 ug/ml m



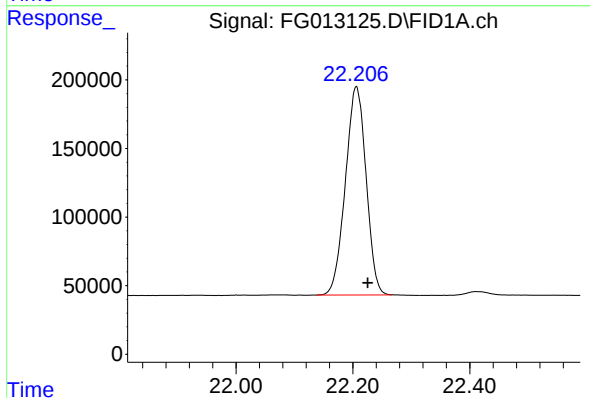
#17 N-OCTATRIACONTANE

R.T.: 21.259 min
Delta R.T.: -0.014 min
Response: 3801717
Conc: 53.71 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.206 min
Delta R.T.: -0.019 min
Response: 3743296
Conc: 51.64 ug/ml m