

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG010224\
 Data File : FG013331.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 15:46
 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 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 01:09:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 2023
 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...	15.075	4718923	43.957 ug/mlm
Target Compounds			
1) N-OCTANE	2.068	4334051	35.528 ug/ml
2) N-DECANE	4.585	4847631	38.350 ug/ml
3) N-DODECANE	6.759	4809771	38.295 ug/ml
4) N-TETRADECANE	8.596	4915954	40.723 ug/ml
5) N-HEXADECANE	10.211	5009713	41.216 ug/ml
6) N-OCTADECANE	11.658	5046264	41.989 ug/ml
7) N-EICOSANE	12.971	5062522	42.842 ug/ml
8) N-DOCOSANE	14.174	4952503	43.663 ug/ml
10) N-TETRACOSANE	15.280	5017256	43.080 ug/ml
11) N-HEXACOSANE	16.304	4994997	44.852 ug/ml
12) N-OCTACOSANE	17.256	5008857	45.387 ug/ml
13) N-TRIACONTANE	18.145	5059225	46.066 ug/ml
14) N-DOTRIACONTANE	18.980	4912035	45.921 ug/ml
15) N-TETRATRIACONTANE	19.764	4140726	44.078 ug/ml
16) N-HEXATRIACONTANE	20.502	3331423	42.959 ug/mlm
17) N-OCTATRIACONTANE	21.258	2887197	41.779 ug/ml
18) N-TETRACONTANE	22.208	2955046	40.776 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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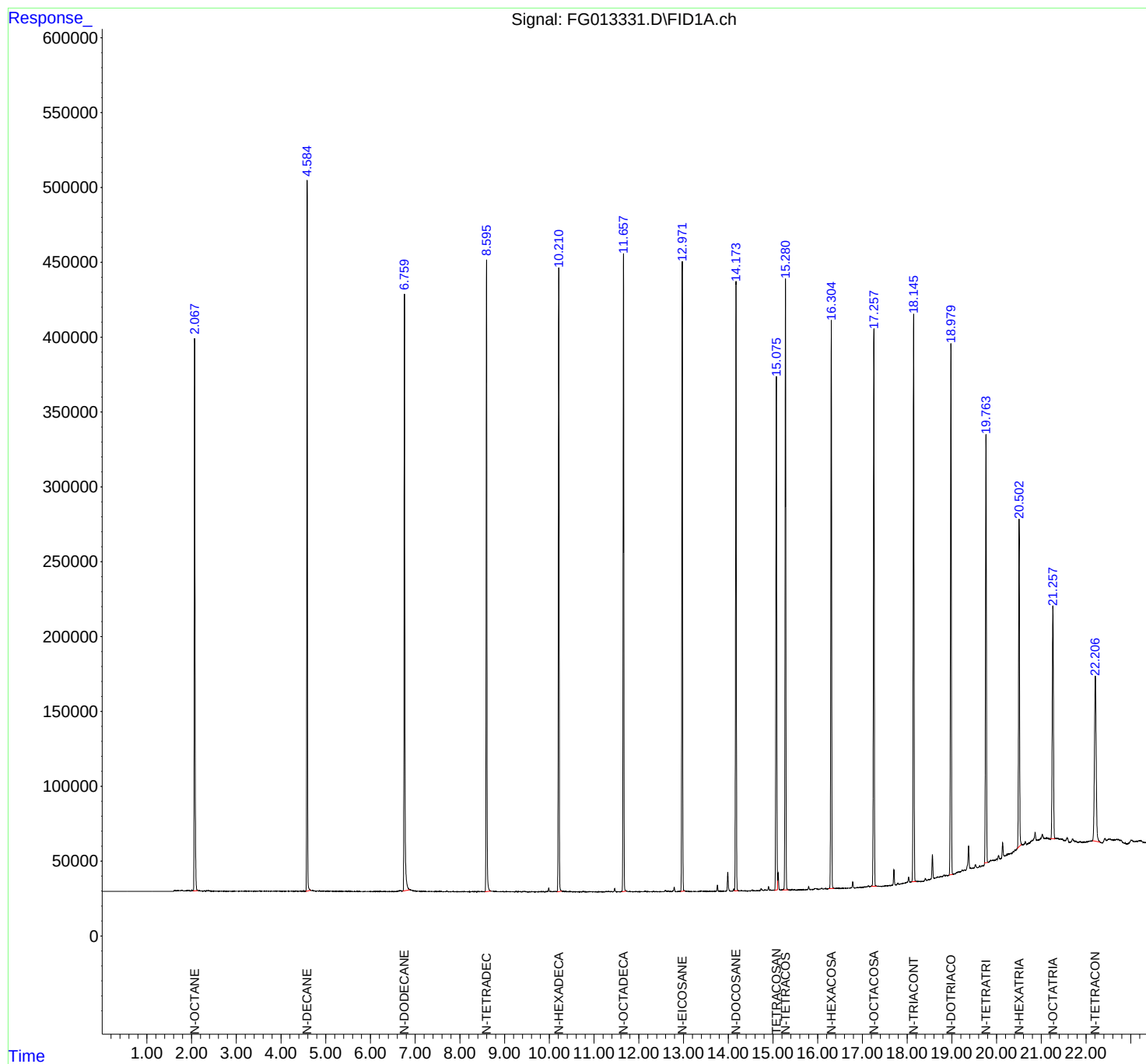
Instrument :
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50 PPM TRPH STD

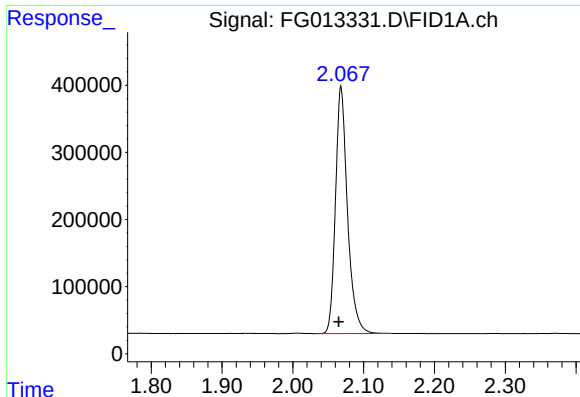
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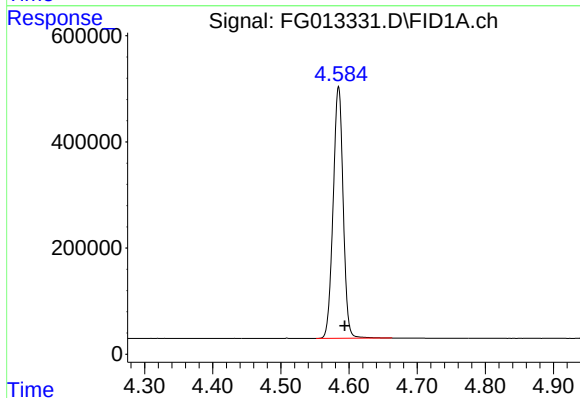
#1 N-OCTANE

R.T.: 2.068 min
Delta R.T.: 0.003 min
Response: 4334051
Conc: 35.53 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

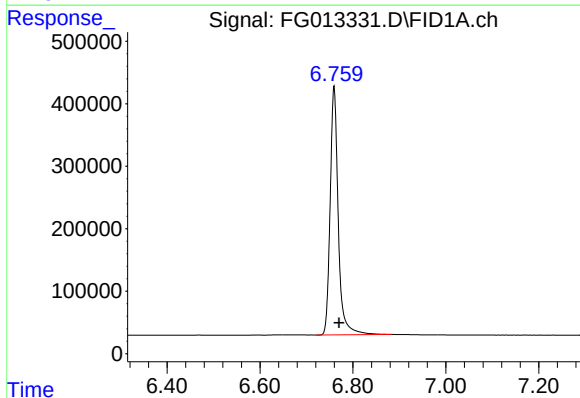
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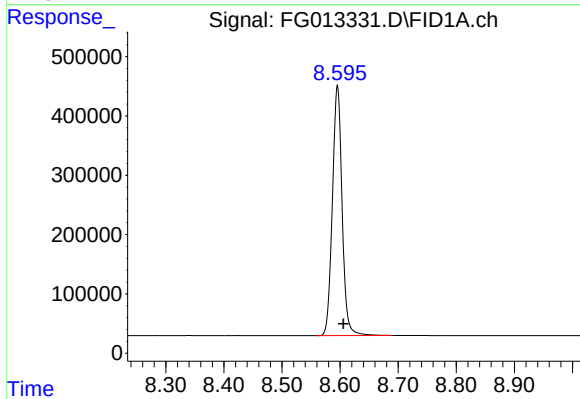
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: -0.009 min
Response: 4847631
Conc: 38.35 ug/ml



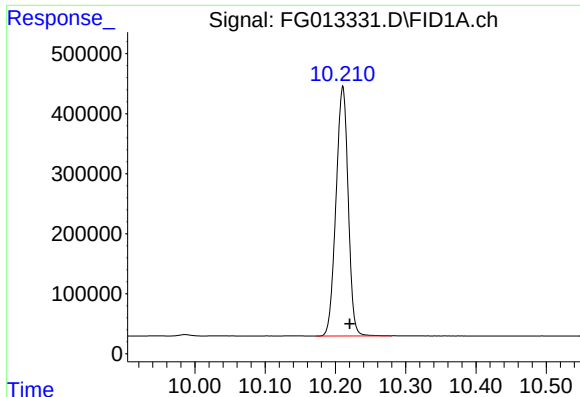
#3 N-DODECANE

R.T.: 6.759 min
Delta R.T.: -0.011 min
Response: 4809771
Conc: 38.29 ug/ml



#4 N-TETRADECANE

R.T.: 8.596 min
Delta R.T.: -0.010 min
Response: 4915954
Conc: 40.72 ug/ml



#5 N-HEXADECANE

R.T.: 10.211 min
Delta R.T.: -0.010 min
Response: 5009713
Conc: 41.22 ug/ml

Instrument :

FID_G

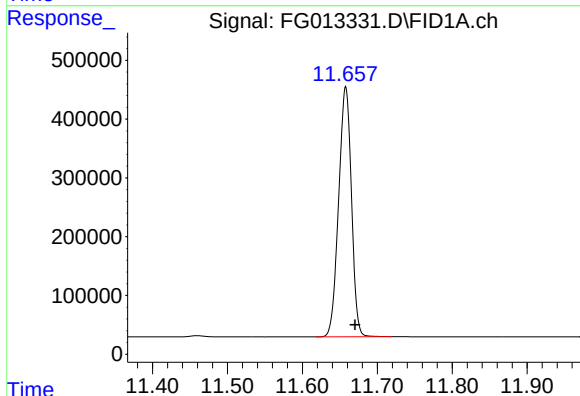
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

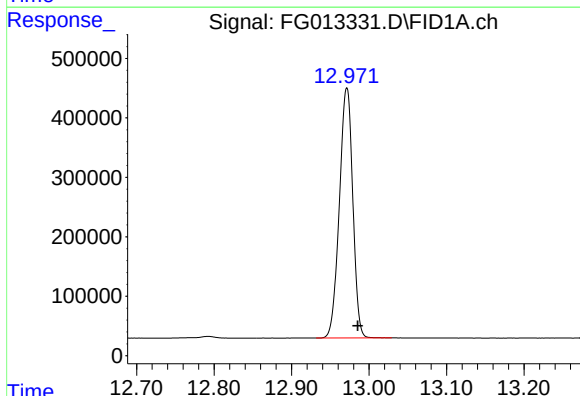
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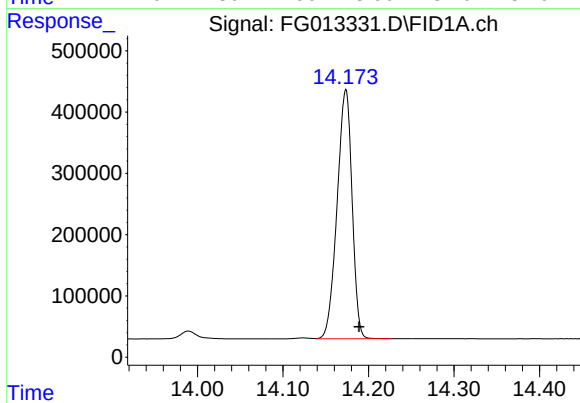
#6 N-OCTADECANE

R.T.: 11.658 min
Delta R.T.: -0.013 min
Response: 5046264
Conc: 41.99 ug/ml



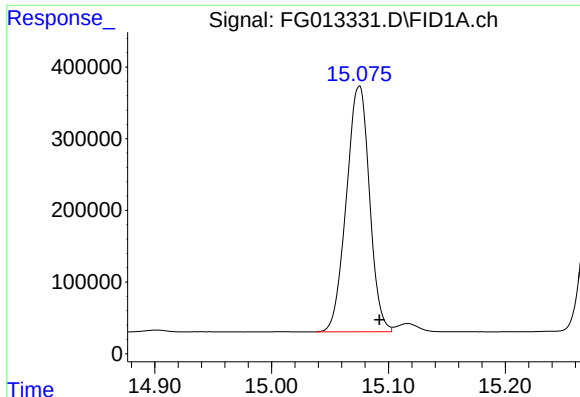
#7 N-EICOSANE

R.T.: 12.971 min
Delta R.T.: -0.014 min
Response: 5062522
Conc: 42.84 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: -0.015 min
Response: 4952503
Conc: 43.66 ug/ml



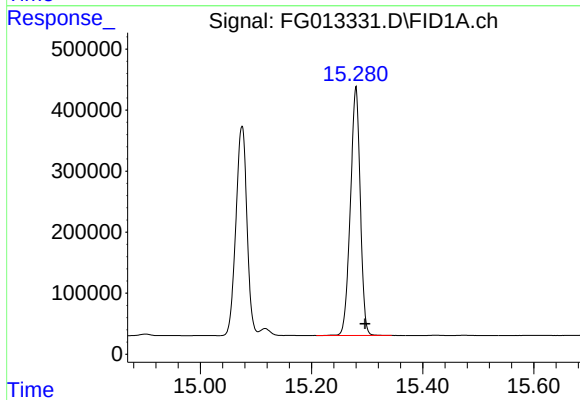
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: -0.017 min
Response: 4718923
Conc: 43.96 ug/ml

Instrument :
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50 PPM TRPH STD

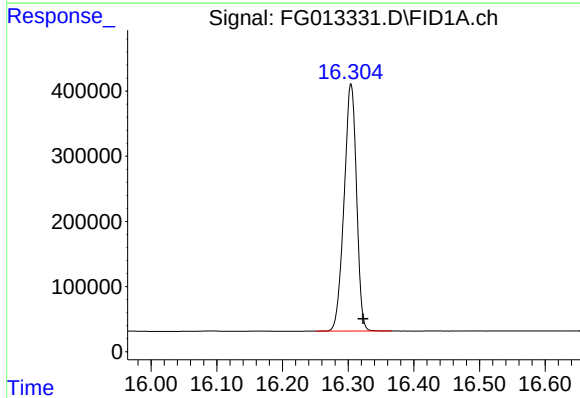
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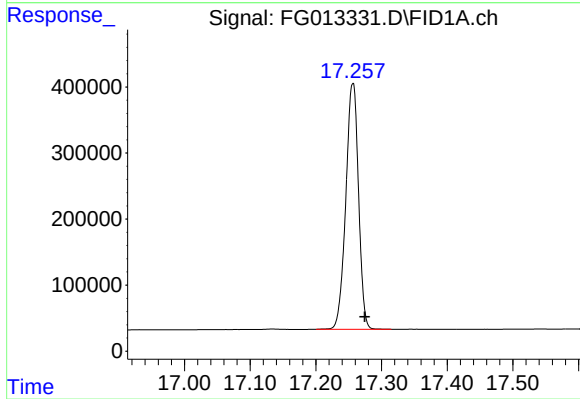
#10 N-TETRACOSANE

R.T.: 15.280 min
Delta R.T.: -0.016 min
Response: 5017256
Conc: 43.08 ug/ml



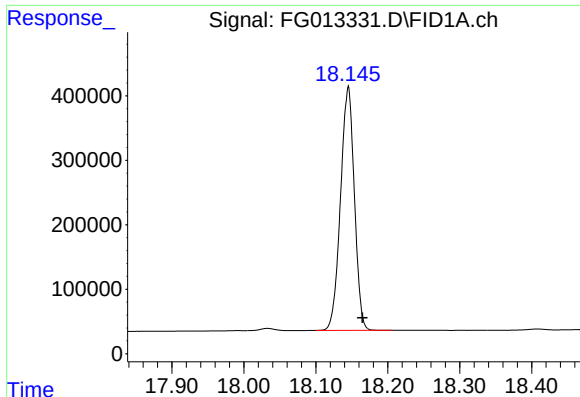
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.018 min
Response: 4994997
Conc: 44.85 ug/ml



#12 N-OCTACOSANE

R.T.: 17.256 min
Delta R.T.: -0.018 min
Response: 5008857
Conc: 45.39 ug/ml



#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.020 min
Response: 5059225
Conc: 46.07 ug/ml

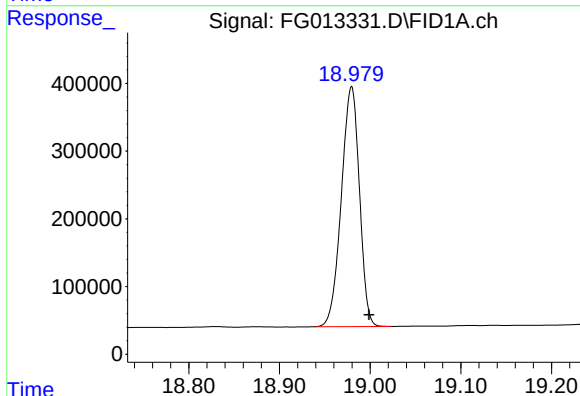
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

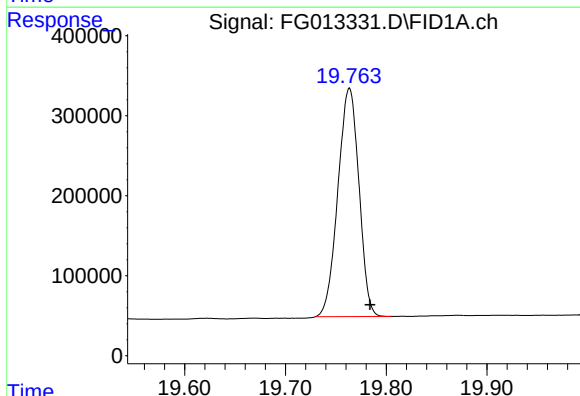
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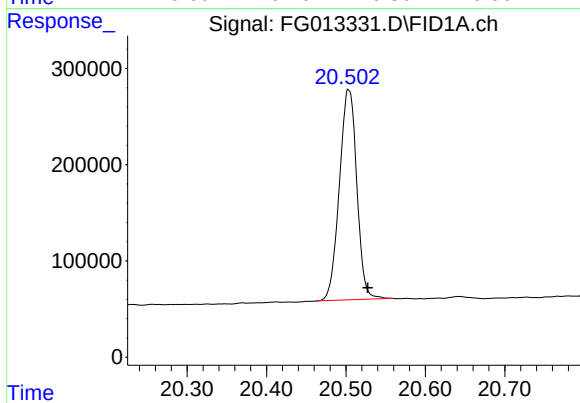
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: -0.019 min
Response: 4912035
Conc: 45.92 ug/ml



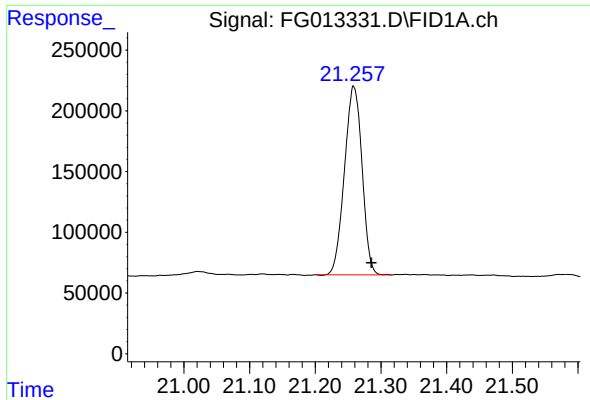
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: -0.021 min
Response: 4140726
Conc: 44.08 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.502 min
Delta R.T.: -0.025 min
Response: 3331423
Conc: 42.96 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.258 min
Delta R.T.: -0.027 min
Response: 2887197
Conc: 41.78 ug/ml

Instrument :

FID_G

ClientSampleId :

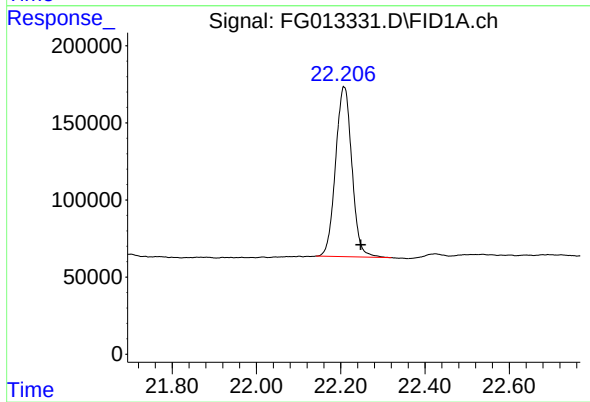
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#18 N-TETRACONTANE

R.T.: 22.208 min
Delta R.T.: -0.040 min
Response: 2955046
Conc: 40.78 ug/ml