

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090924\
 Data File : FG014177.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 13:46
 Operator : YP\AJ
 Sample : PB163215BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB163215BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/10/2024
 Supervised By :Ankita Jodhani 09/10/2024

Integration File: autoint1.e
 Quant Time: Sep 10 02:45:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG081624.M
 Quant Title :
 QLast Update : Fri Aug 16 10:59:42 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...	14.936	1805136	17.082 ug/ml
Target Compounds			
1) N-OCTANE	1.954	1588893	14.435 ug/ml
2) N-DECANE	4.453	1949277	19.569 ug/ml
3) N-DODECANE	6.627	2070029	20.155 ug/ml
4) N-TETRADECANE	8.461	2080794	19.052 ug/ml
5) N-HEXADECANE	10.072	2171454	19.379 ug/ml
6) N-OCTADECANE	11.519	2282236	19.573 ug/ml
7) N-EICOSANE	12.832	2256831	18.962 ug/ml
8) N-DOCOSANE	14.034	2265689	19.319 ug/ml
10) N-TETRACOSANE	15.139	2273566	19.236 ug/ml
11) N-HEXACOSANE	16.164	2243068	18.947 ug/ml
12) N-OCTACOSANE	17.116	2203431	18.691 ug/ml
13) N-TRIACONTANE	18.006	2113307	17.649 ug/ml
14) N-DOTRIACONTANE	18.841	1726840	14.451 ug/ml
15) N-TETRATRIACONTANE	19.627	1205778	10.354 ug/ml
16) N-HEXATRIACONTANE	20.367	845631	7.327 ug/mlm
17) N-OCTATRIACONTANE	21.100	729396	7.024 ug/ml
18) N-TETRACONTANE	21.999	713097	7.292 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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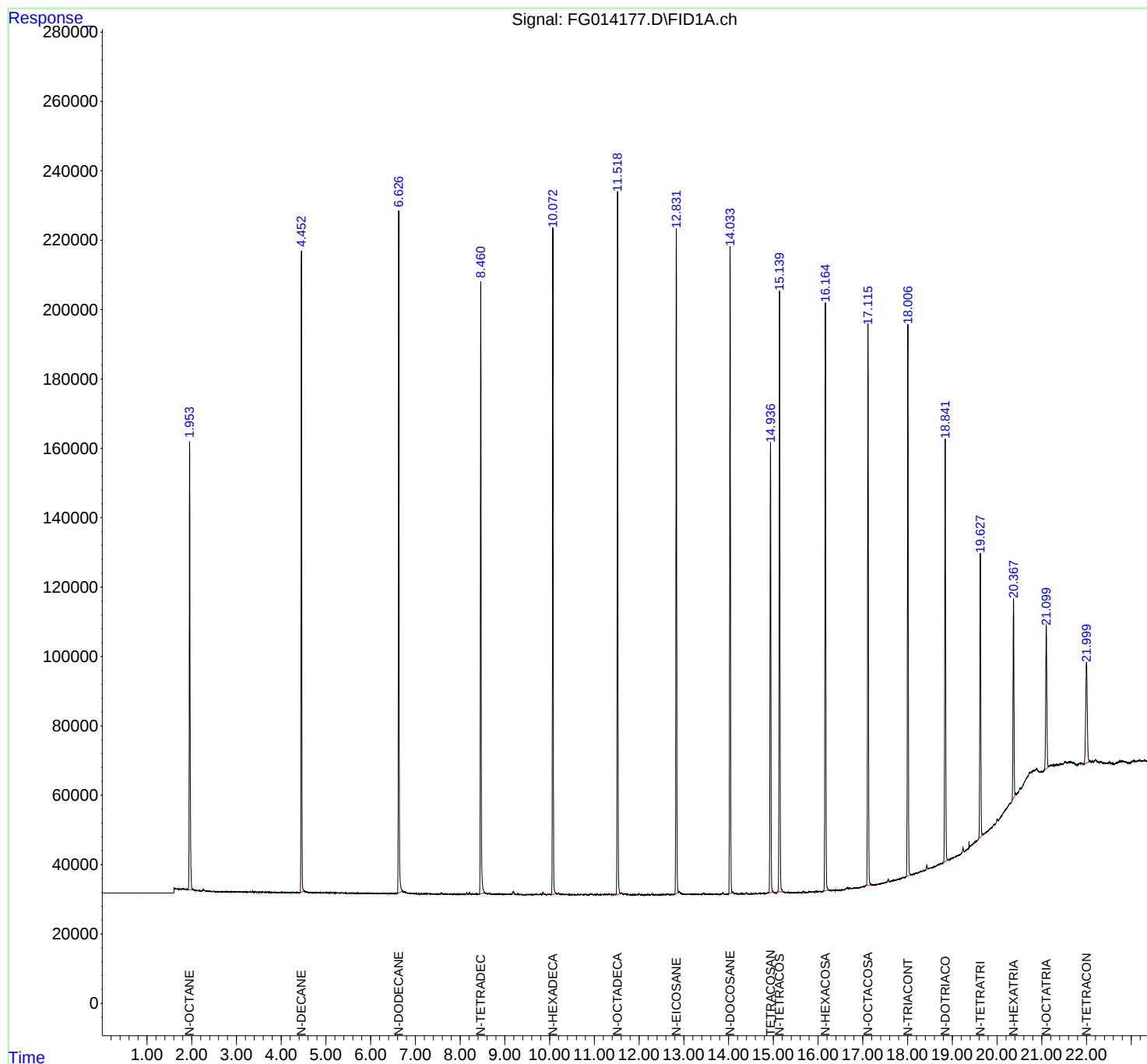
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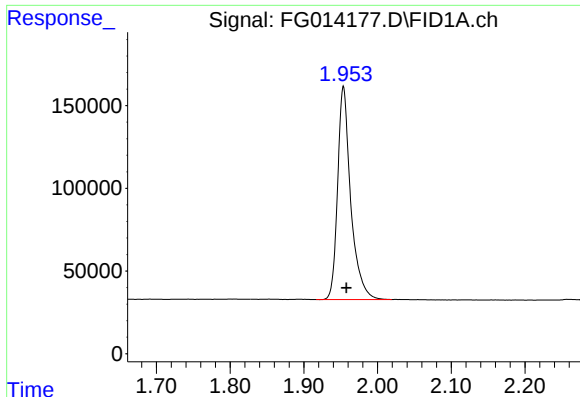
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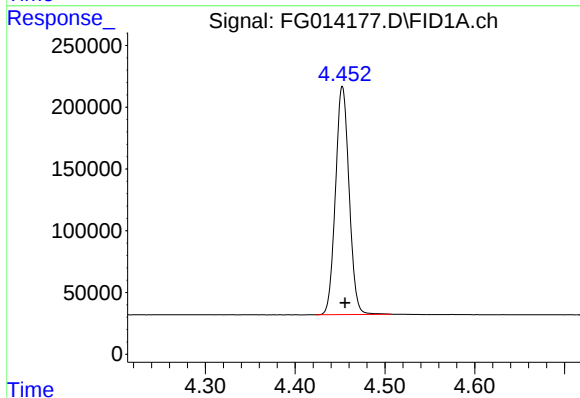
#1 N-OCTANE

R.T.: 1.954 min
Delta R.T.: -0.004 min
Response: 1588893
Conc: 14.43 ug/ml

Instrument :
FID_G
ClientSampleId :
PB163215BS

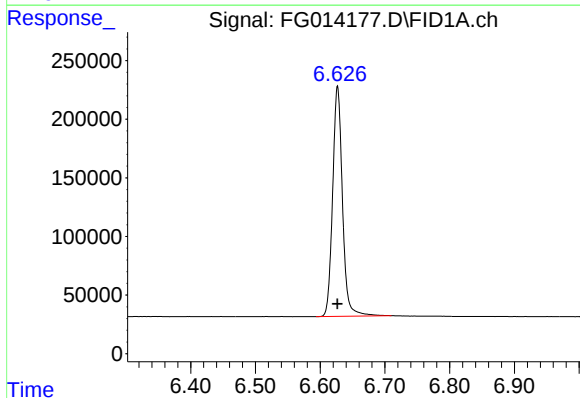
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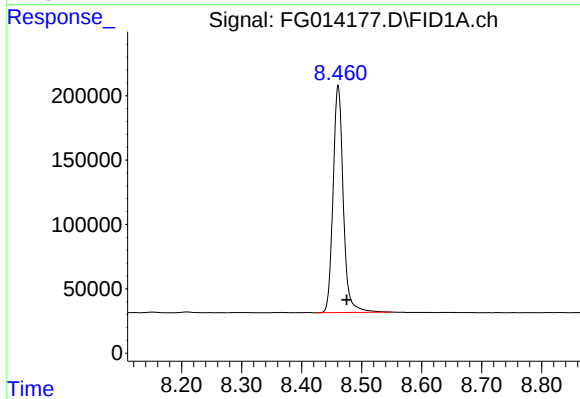
#2 N-DECANE

R.T.: 4.453 min
Delta R.T.: -0.003 min
Response: 1949277
Conc: 19.57 ug/ml



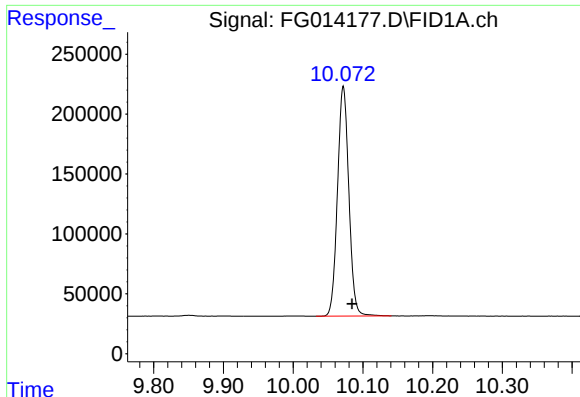
#3 N-DODECANE

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 2070029
Conc: 20.16 ug/ml



#4 N-TETRADECANE

R.T.: 8.461 min
Delta R.T.: -0.014 min
Response: 2080794
Conc: 19.05 ug/ml



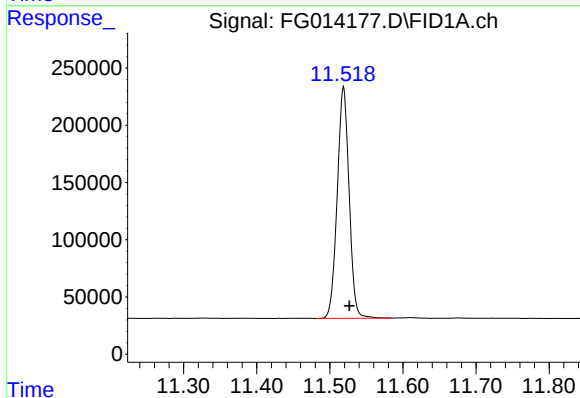
#5 N-HEXADECANE

R.T.: 10.072 min
Delta R.T.: -0.013 min
Response: 2171454
Conc: 19.38 ug/ml

Instrument :
FID_G
ClientSampleId :
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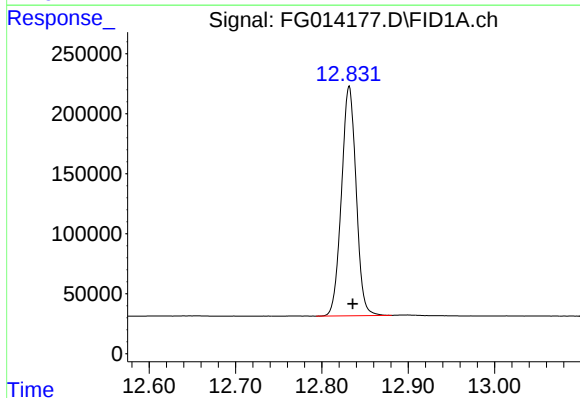
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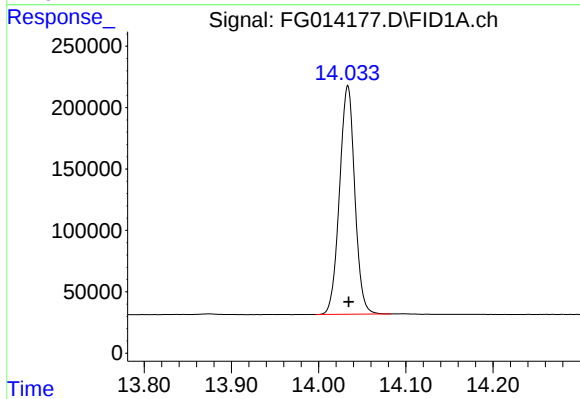
#6 N-OCTADECANE

R.T.: 11.519 min
Delta R.T.: -0.008 min
Response: 2282236
Conc: 19.57 ug/ml



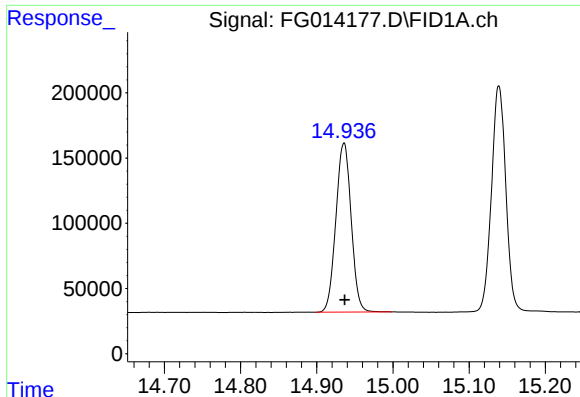
#7 N-EICOSANE

R.T.: 12.832 min
Delta R.T.: -0.004 min
Response: 2256831
Conc: 18.96 ug/ml



#8 N-DOCOSANE

R.T.: 14.034 min
Delta R.T.: 0.000 min
Response: 2265689
Conc: 19.32 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 1805136
Conc: 17.08 ug/ml

Instrument :

FID_G

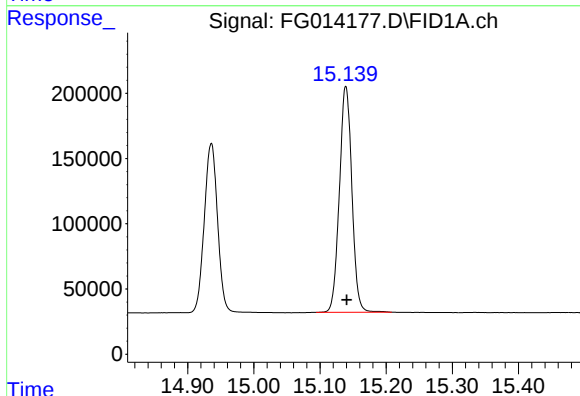
ClientSampleId :

PB163215BS

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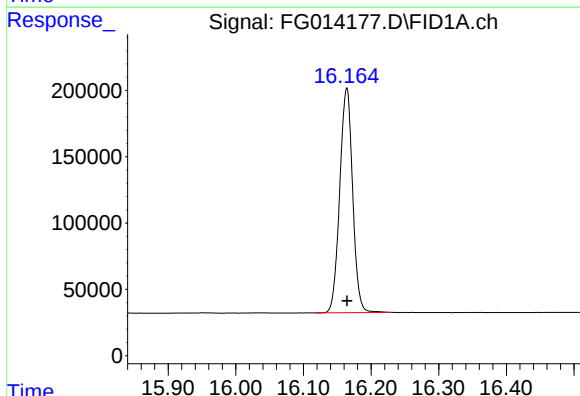
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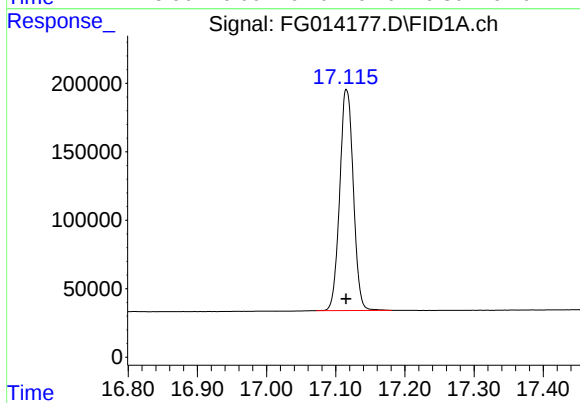
#10 N-TETRACOSANE

R.T.: 15.139 min
Delta R.T.: -0.001 min
Response: 2273566
Conc: 19.24 ug/ml



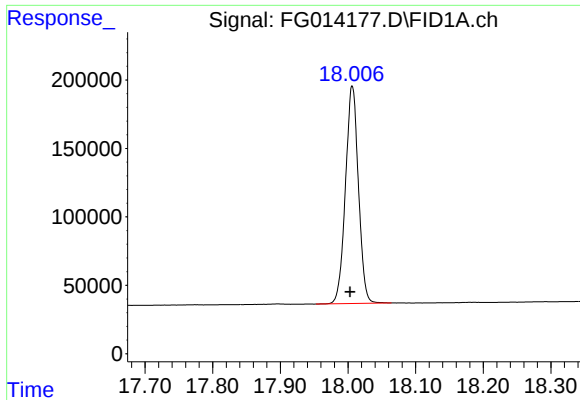
#11 N-HEXACOSANE

R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 2243068
Conc: 18.95 ug/ml



#12 N-OCTACOSANE

R.T.: 17.116 min
Delta R.T.: 0.000 min
Response: 2203431
Conc: 18.69 ug/ml



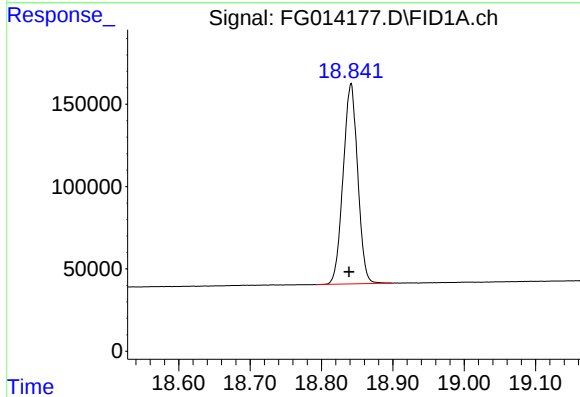
#13 N-TRIACONTANE

R.T.: 18.006 min
Delta R.T.: 0.003 min
Response: 2113307
Conc: 17.65 ug/ml

Instrument :
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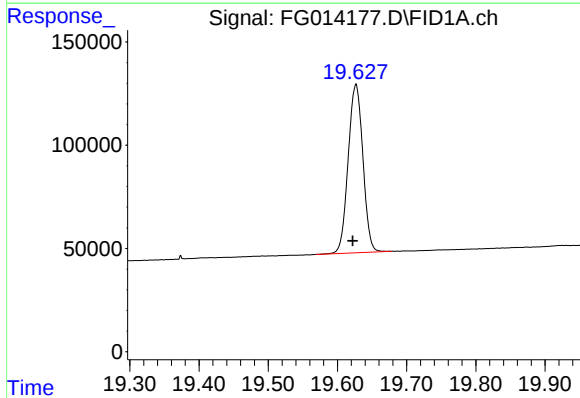
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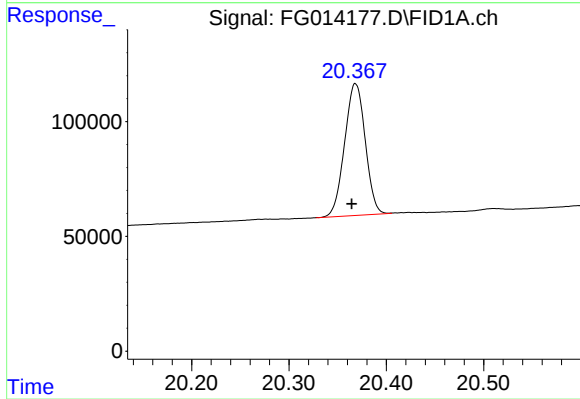
#14 N-DOTRIACONTANE

R.T.: 18.841 min
Delta R.T.: 0.003 min
Response: 1726840
Conc: 14.45 ug/ml



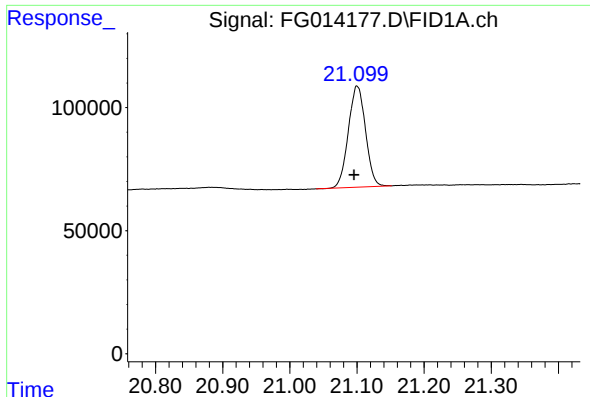
#15 N-TETRATRIACONTANE

R.T.: 19.627 min
Delta R.T.: 0.005 min
Response: 1205778
Conc: 10.35 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.367 min
Delta R.T.: 0.003 min
Response: 845631
Conc: 7.33 ug/ml m



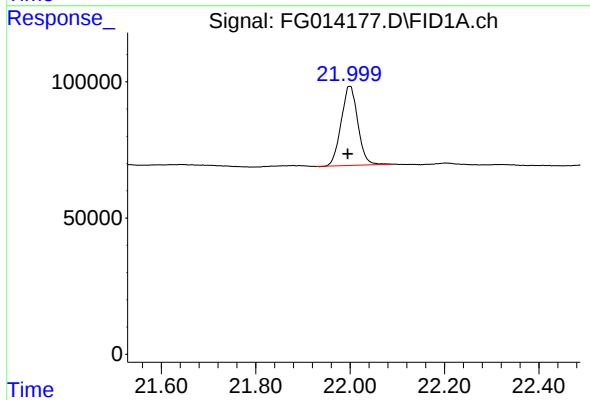
#17 N-OCTATRIACONTANE

R.T.: 21.100 min
Delta R.T.: 0.004 min
Response: 729396
Conc: 7.02 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.999 min
Delta R.T.: 0.004 min
Response: 713097
Conc: 7.29 ug/ml