

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111524\
 Data File : FG014796.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2024 12:49
 Operator : YP\AJ
 Sample : P4810-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :Ankita Jodhani 11/18/2024

Integration File: autoint1.e
 Quant Time: Nov 18 01:08:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111324.M
 Quant Title :
 QLast Update : Wed Nov 13 13:49:18 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...	15.042	1448280	12.912 ug/ml
Target Compounds			
1) N-OCTANE	2.057	2476403	19.684 ug/ml
2) N-DECANE	4.569	2926228	23.173 ug/ml
3) N-DODECANE	6.741	3040228	23.408 ug/ml
4) N-TETRADECANE	8.572	3000113	23.806 ug/ml
5) N-HEXADECANE	10.183	3100417	24.309 ug/ml
6) N-OCTADECANE	11.629	3380232	25.814 ug/ml
7) N-EICOSANE	12.942	3144118	24.693 ug/ml
8) N-DOCOSANE	14.143	3162116	25.315 ug/ml
10) N-TETRACOSANE	15.247	3074905	24.892 ug/ml
11) N-HEXACOSANE	16.271	3075548	25.565 ug/ml
12) N-OCTACOSANE	17.221	3132439	26.644 ug/ml
13) N-TRIACONTANE	18.109	3088857	26.789 ug/ml
14) N-DOTRIACONTANE	18.942	2772290	25.228 ug/ml
15) N-TETRATRIACONTANE	19.726	1739275	18.824 ug/ml
16) N-HEXATRIACONTANE	20.466	1336072	18.859 ug/ml
17) N-OCTATRIACONTANE	21.214	903107	15.490 ug/ml
18) N-TETRACONTANE	22.151	978295	19.223 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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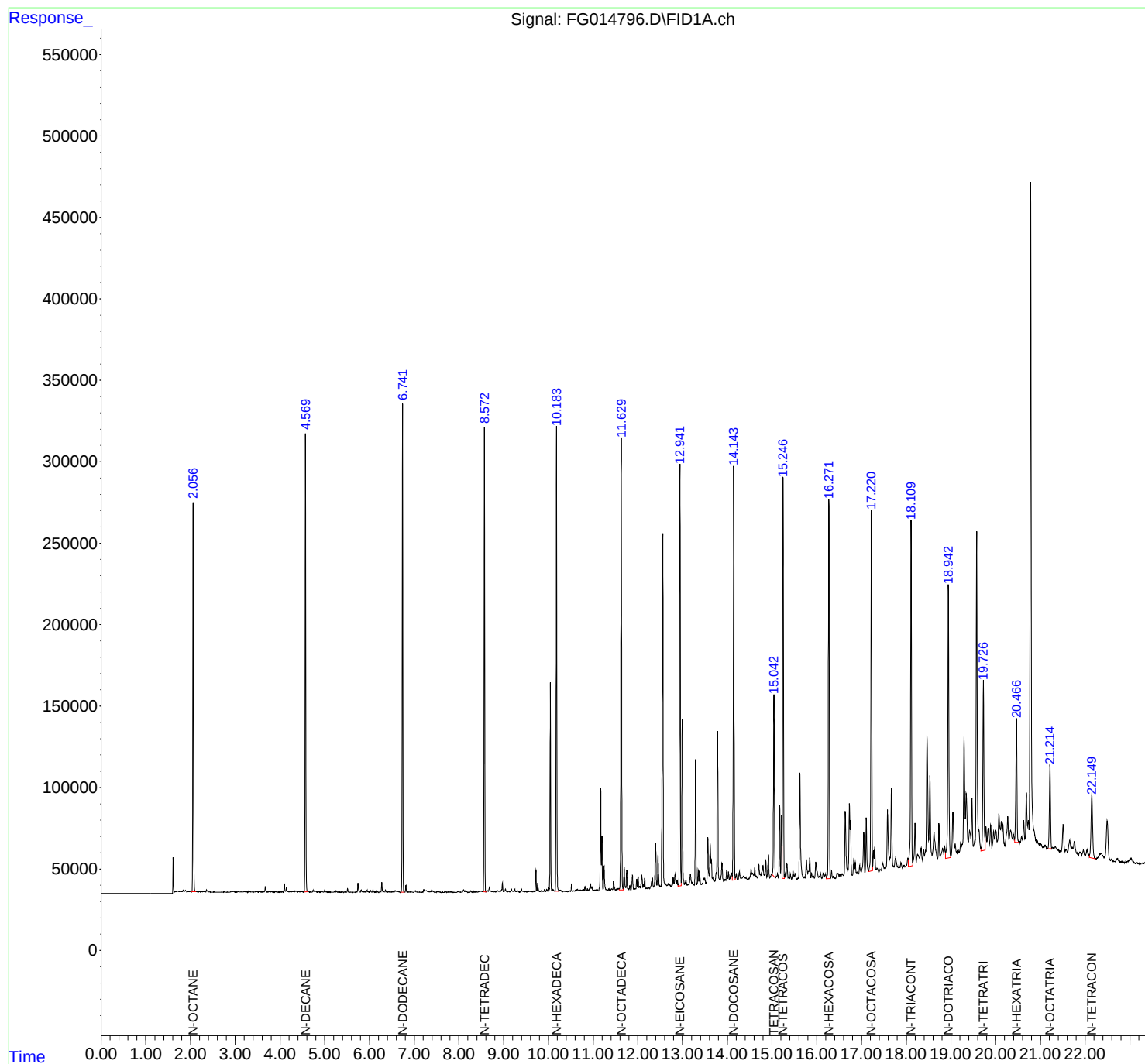
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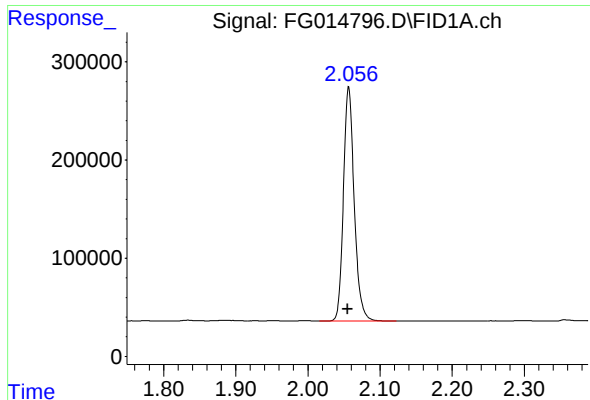
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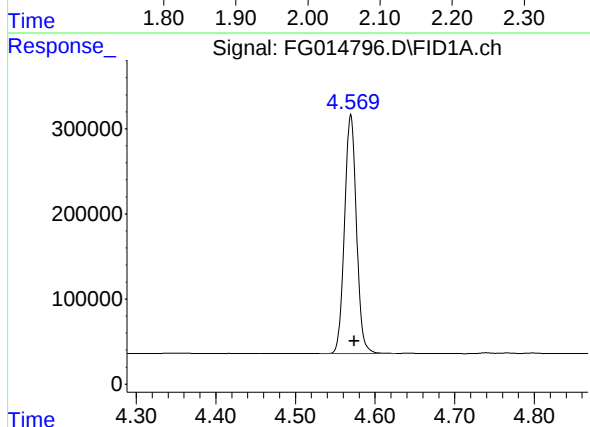
#1 N-OCTANE

R.T.: 2.057 min
Delta R.T.: 0.002 min
Response: 2476403
Conc: 19.68 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

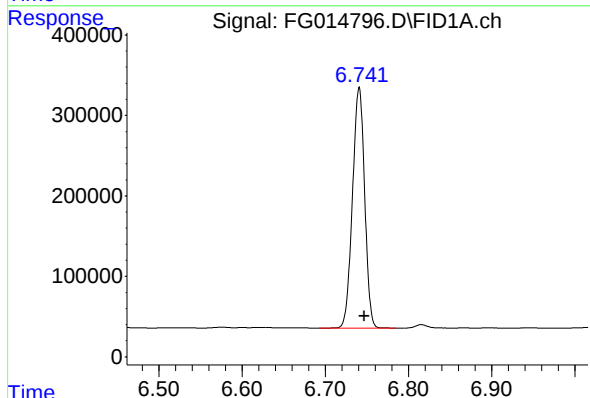
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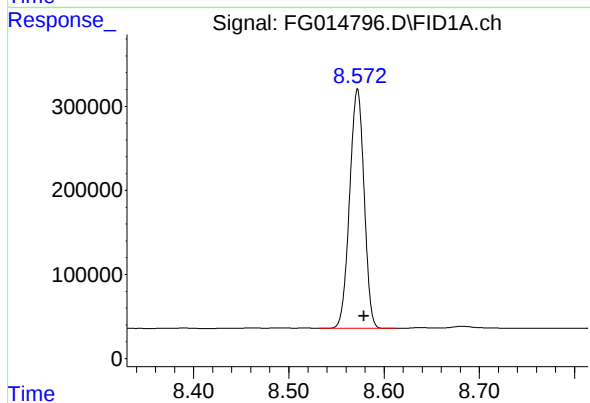
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: -0.004 min
Response: 2926228
Conc: 23.17 ug/ml



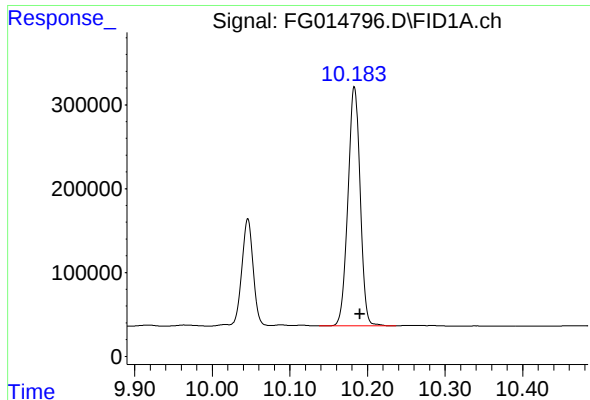
#3 N-DODECANE

R.T.: 6.741 min
Delta R.T.: -0.006 min
Response: 3040228
Conc: 23.41 ug/ml



#4 N-TETRADECANE

R.T.: 8.572 min
Delta R.T.: -0.007 min
Response: 3000113
Conc: 23.81 ug/ml



#5 N-HEXADECANE

R.T.: 10.183 min
Delta R.T.: -0.007 min
Response: 3100417
Conc: 24.31 ug/ml

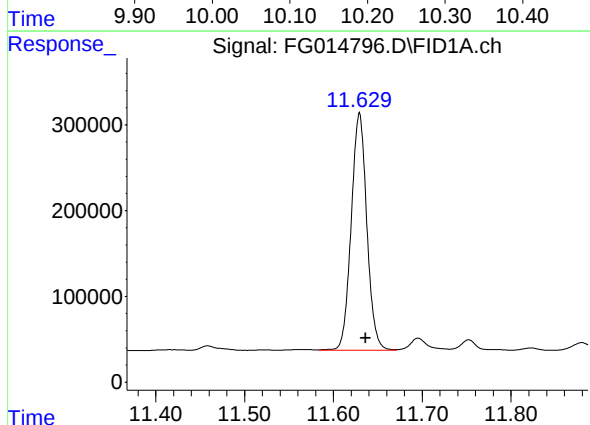
Instrument :

FID_G

ClientSampleId :
WASTEMS

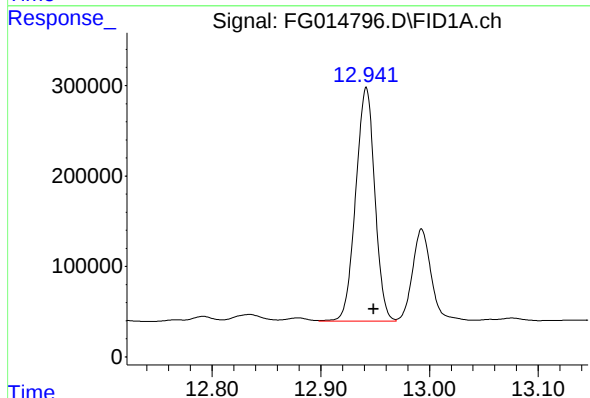
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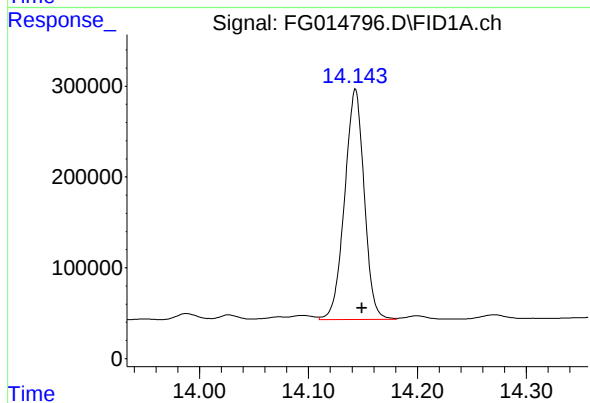
#6 N-OCTADECANE

R.T.: 11.629 min
Delta R.T.: -0.007 min
Response: 3380232
Conc: 25.81 ug/ml



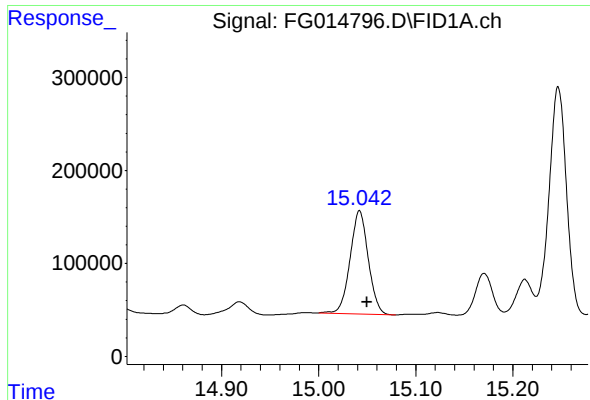
#7 N-EICOSANE

R.T.: 12.942 min
Delta R.T.: -0.007 min
Response: 3144118
Conc: 24.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.143 min
Delta R.T.: -0.006 min
Response: 3162116
Conc: 25.31 ug/ml



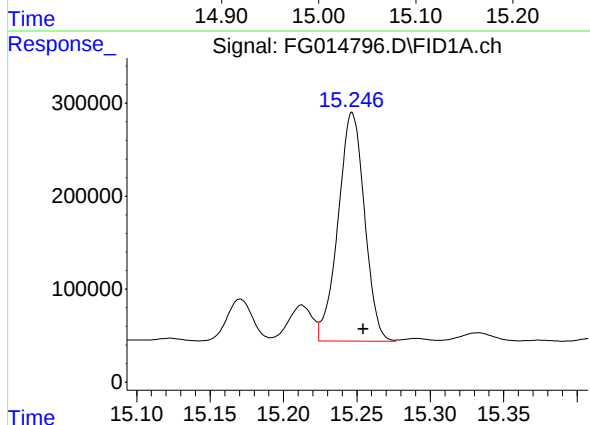
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: -0.008 min
Response: 1448280
Conc: 12.91 ug/ml

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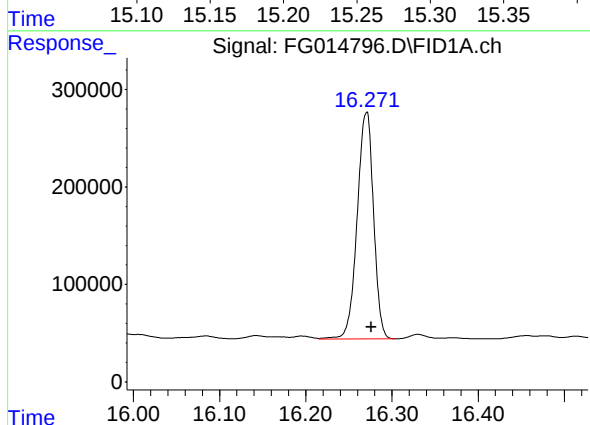
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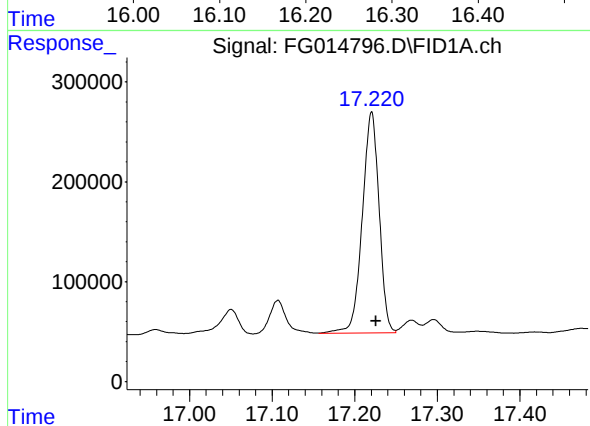
#10 N-TETRACOSANE

R.T.: 15.247 min
Delta R.T.: -0.008 min
Response: 3074905
Conc: 24.89 ug/ml



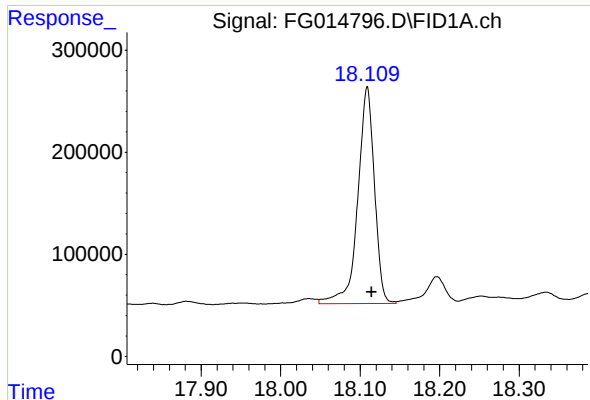
#11 N-HEXACOSANE

R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 3075548
Conc: 25.56 ug/ml



#12 N-OCTACOSANE

R.T.: 17.221 min
Delta R.T.: -0.005 min
Response: 3132439
Conc: 26.64 ug/ml



#13 N-TRIACONTANE

R.T.: 18.109 min
Delta R.T.: -0.006 min
Response: 3088857
Conc: 26.79 ug/ml

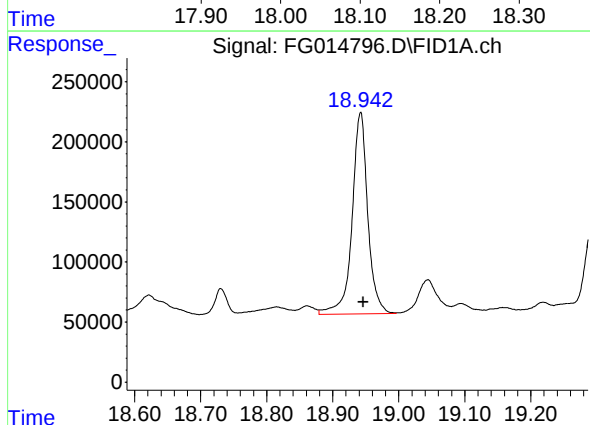
Instrument :

FID_G

ClientSampleId :
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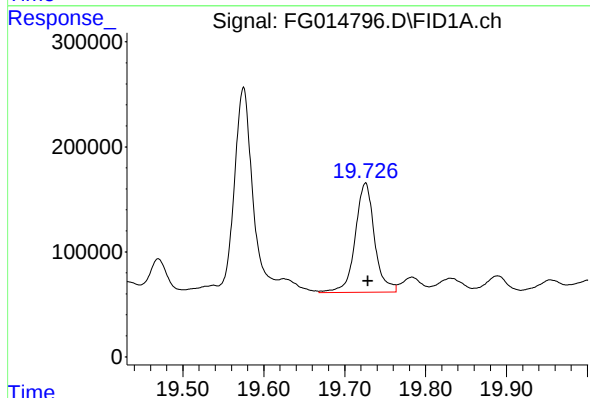
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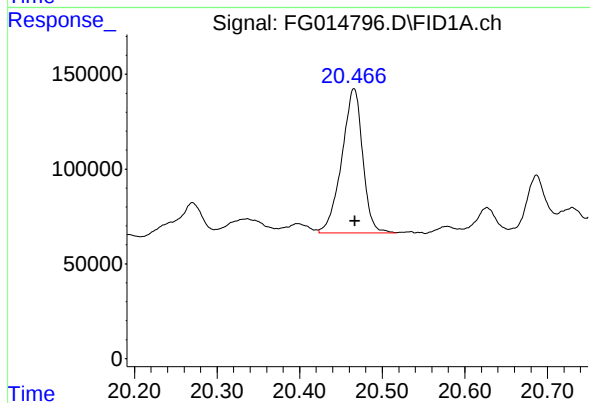
#14 N-DOTRIACONTANE

R.T.: 18.942 min
Delta R.T.: -0.004 min
Response: 2772290
Conc: 25.23 ug/ml



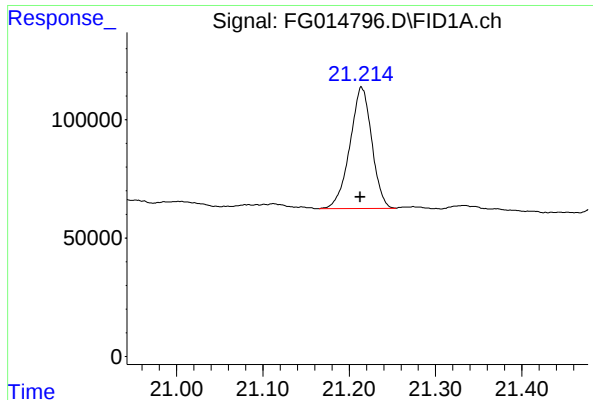
#15 N-TETRATRIACONTANE

R.T.: 19.726 min
Delta R.T.: -0.003 min
Response: 1739275
Conc: 18.82 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.466 min
Delta R.T.: -0.001 min
Response: 1336072
Conc: 18.86 ug/ml m



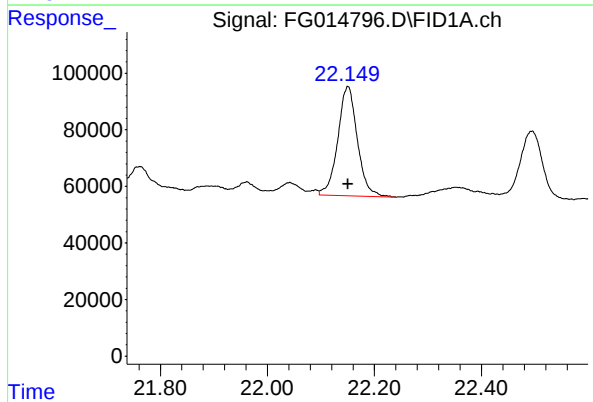
#17 N-OCTATRIACONTANE

R.T.: 21.214 min
Delta R.T.: 0.002 min
Response: 903107
Conc: 15.49 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.151 min
Delta R.T.: 0.000 min
Response: 978295
Conc: 19.22 ug/ml