

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110823\
 Data File : FG013174.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2023 17:32
 Operator : YP\AJ
 Sample : 05291-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 QUEEN-PLAZAMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e
 Quant Time: Nov 08 23:12:10 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 : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.088	2579793	24.627 ug/mlm
Target Compounds			
1) N-OCTANE	2.070	1734196	15.250 ug/ml
2) N-DECANE	4.594	2008982	17.473 ug/ml
3) N-DODECANE	6.769	2040448	17.665 ug/ml
4) N-TETRADECANE	8.604	2409484	21.131 ug/ml
5) N-HEXADECANE	10.218	2254481	19.416 ug/ml
6) N-OCTADECANE	11.668	2352286	20.258 ug/ml
7) N-EICOSANE	12.983	3481974	30.249 ug/ml
8) N-DOCOSANE	14.187	3128738	28.275 ug/ml
10) N-TETRACOSANE	15.298	9466560	86.160 ug/ml
11) N-HEXACOSANE	16.320	2680274	24.906 ug/ml
12) N-OCTACOSANE	17.272	2292991	21.505 ug/ml
13) N-TRIACONTANE	18.163	3090280	28.854 ug/ml
14) N-DOTRIACONTANE	18.990	4350066	41.559 ug/ml
15) N-TETRATRIACONTANE	19.781	1998266	21.954 ug/ml
16) N-HEXATRIACONTANE	20.522	1795588	24.413 ug/mlm
17) N-OCTATRIACONTANE	21.279	1556296	21.989 ug/mlm
18) N-TETRACONTANE	22.236	2072684	28.594 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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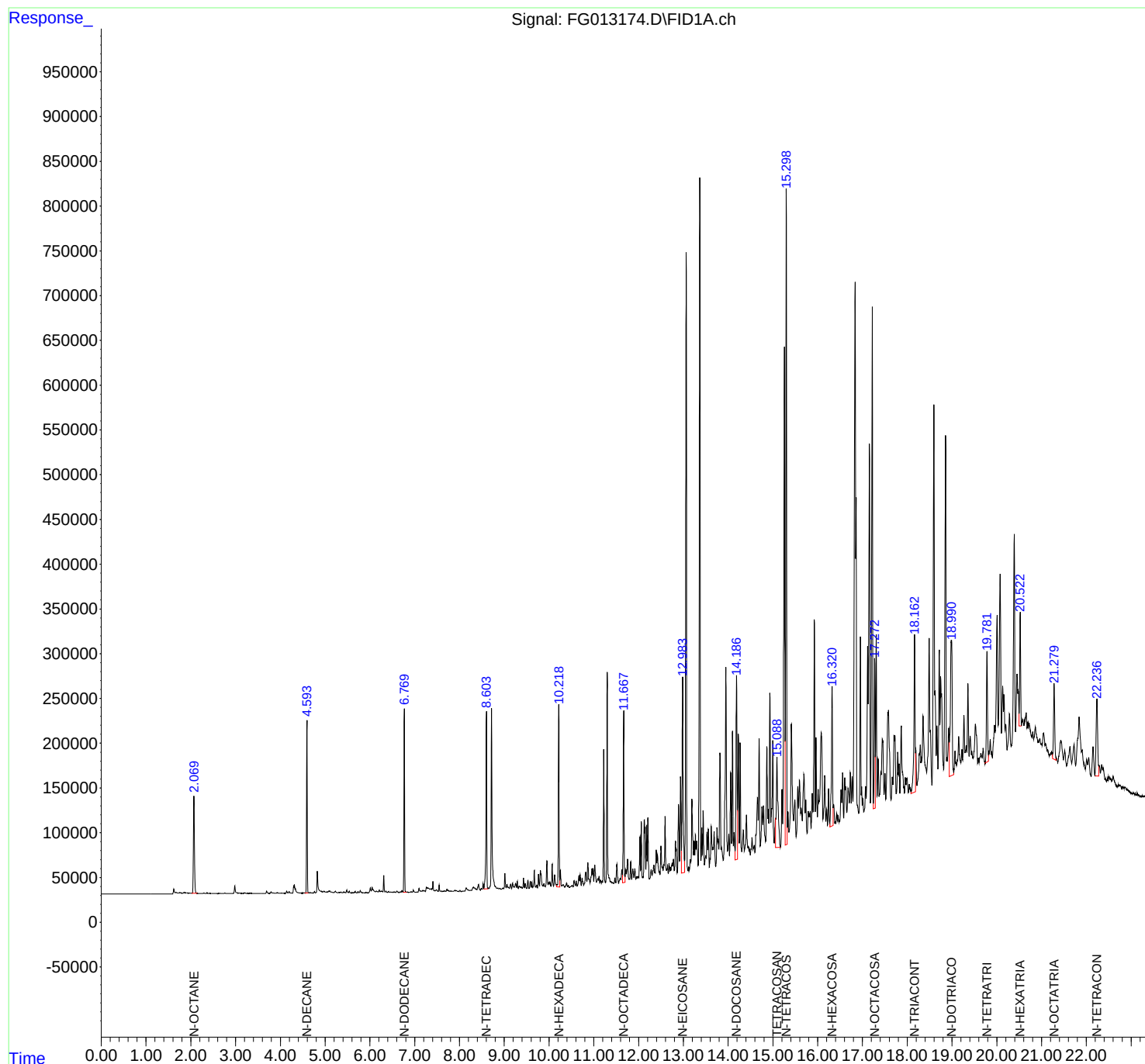
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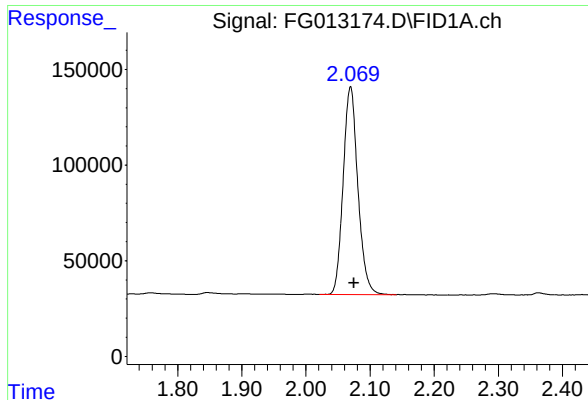
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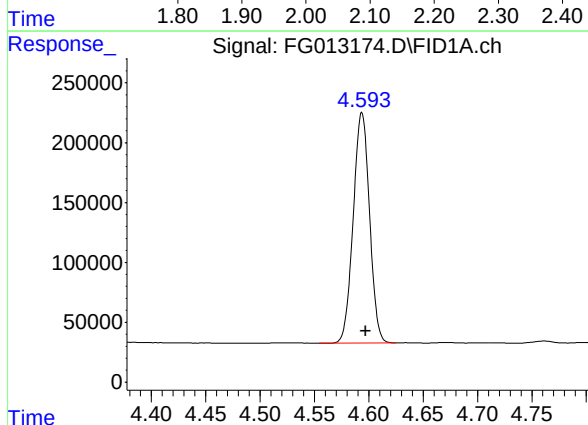
#1 N-OCTANE

R.T.: 2.070 min
Delta R.T.: -0.005 min
Response: 1734196
Conc: 15.25 ug/ml

Instrument :
FID_G
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QUEEN-PLAZAMSD

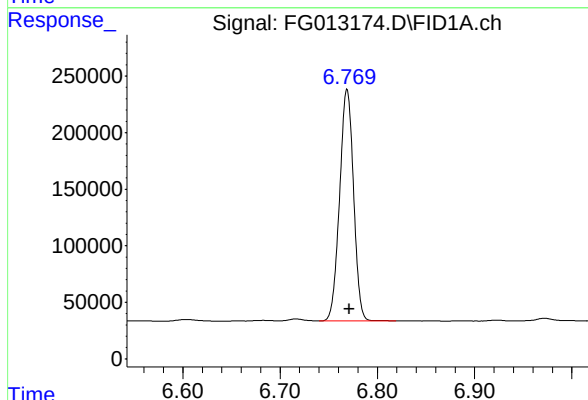
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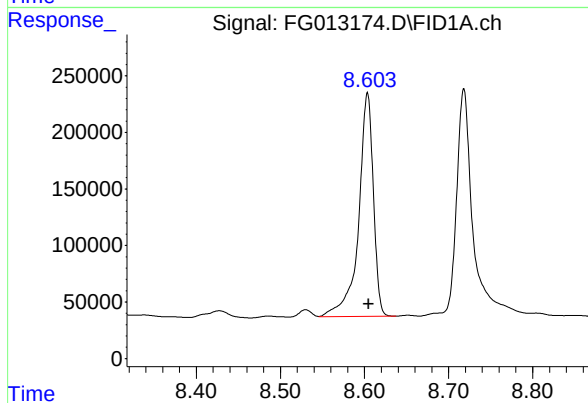
#2 N-DECANE

R.T.: 4.594 min
Delta R.T.: -0.004 min
Response: 2008982
Conc: 17.47 ug/ml



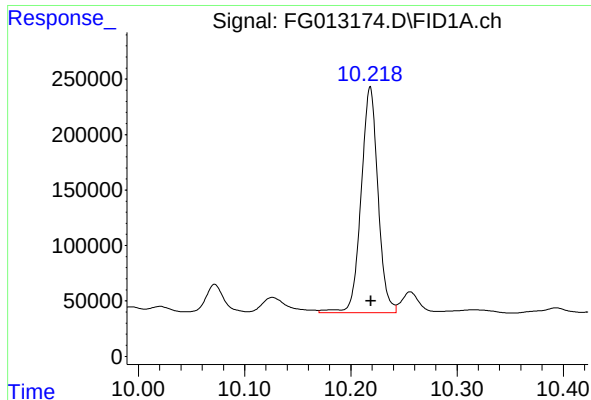
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 2040448
Conc: 17.66 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: -0.001 min
Response: 2409484
Conc: 21.13 ug/ml



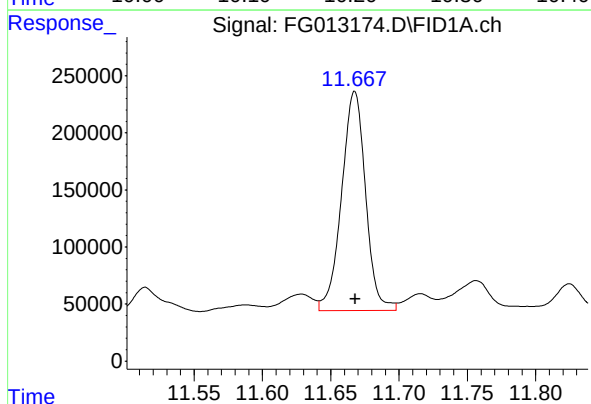
#5 N-HEXADECANE

R.T.: 10.218 min
Delta R.T.: 0.000 min
Response: 2254481
Conc: 19.42 ug/ml

Instrument :
FID_G
ClientSampleId :
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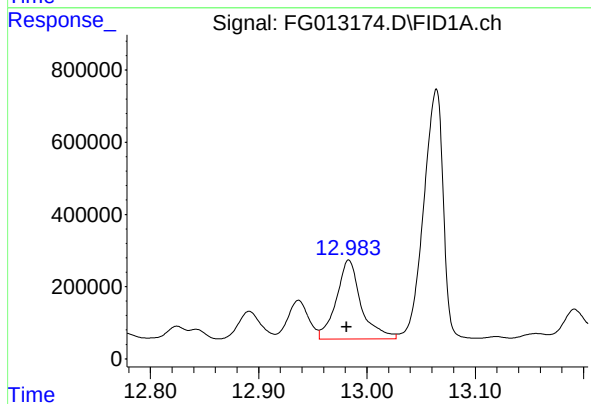
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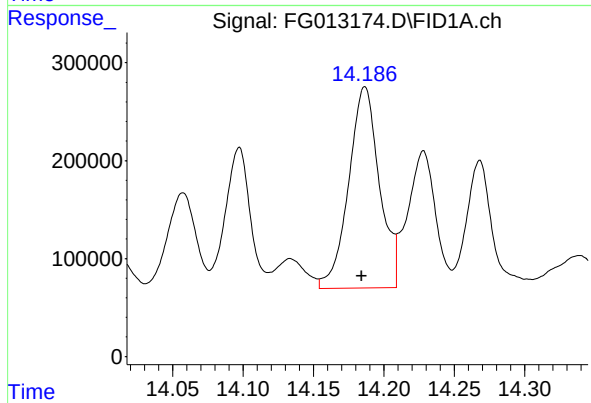
#6 N-OCTADECANE

R.T.: 11.668 min
Delta R.T.: 0.000 min
Response: 2352286
Conc: 20.26 ug/ml



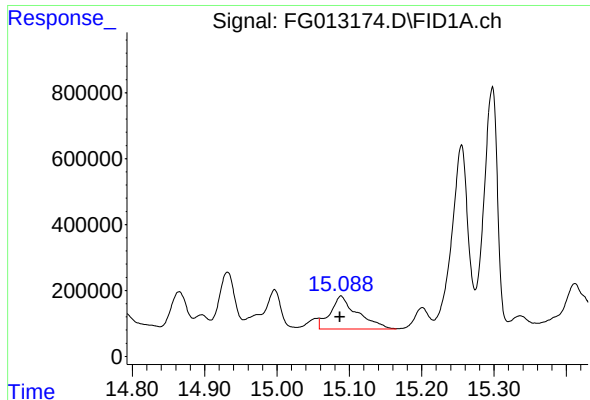
#7 N-EICOSANE

R.T.: 12.983 min
Delta R.T.: 0.002 min
Response: 3481974
Conc: 30.25 ug/ml



#8 N-DOCOSANE

R.T.: 14.187 min
Delta R.T.: 0.002 min
Response: 3128738
Conc: 28.28 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.088 min
Delta R.T.: 0.001 min
Response: 2579793
Conc: 24.63 ug/ml

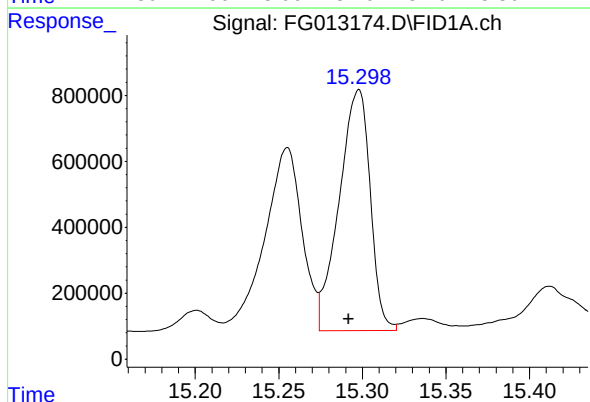
Instrument :

FID_G

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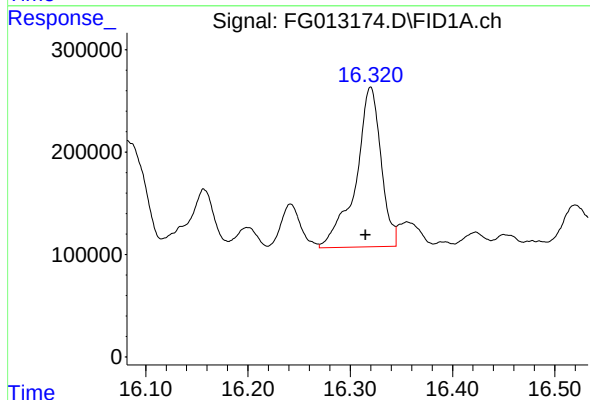
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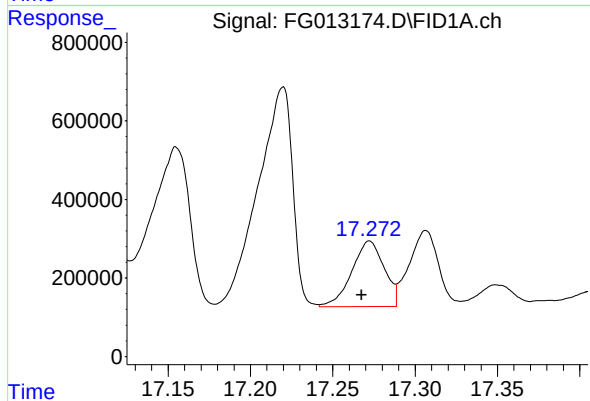
#10 N-TETRACOSANE

R.T.: 15.298 min
Delta R.T.: 0.006 min
Response: 9466560
Conc: 86.16 ug/ml



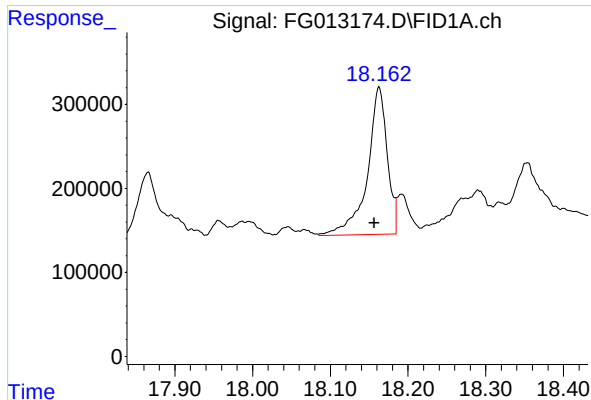
#11 N-HEXACOSANE

R.T.: 16.320 min
Delta R.T.: 0.005 min
Response: 2680274
Conc: 24.91 ug/ml



#12 N-OCTACOSANE

R.T.: 17.272 min
Delta R.T.: 0.005 min
Response: 2292991
Conc: 21.51 ug/ml



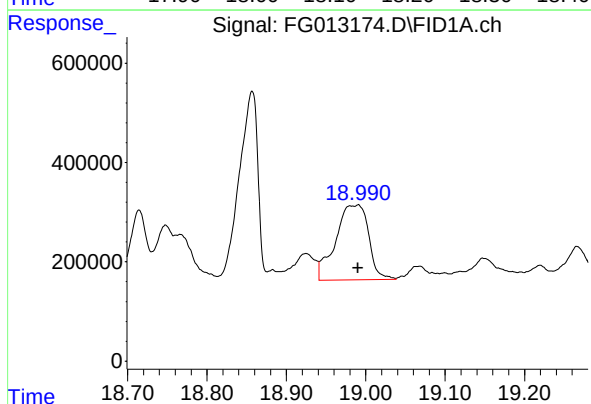
#13 N-TRIACONTANE

R.T.: 18.163 min
Delta R.T.: 0.006 min
Response: 3090280
Conc: 28.85 ug/ml

Instrument :
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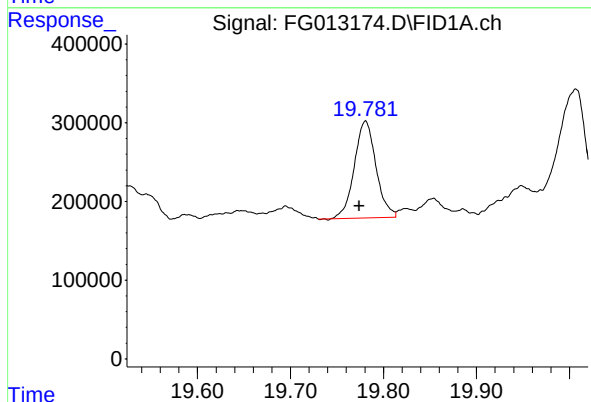
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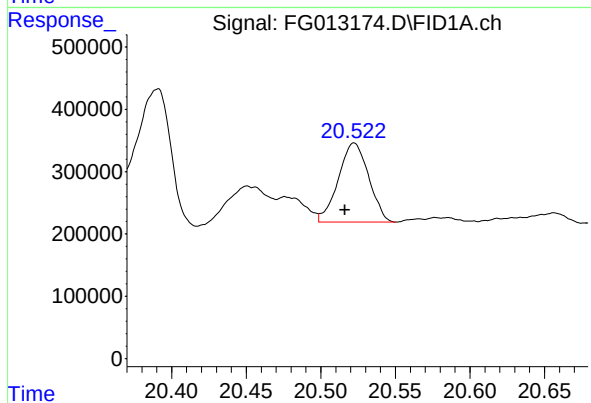
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: 0.000 min
Response: 4350066
Conc: 41.56 ug/ml



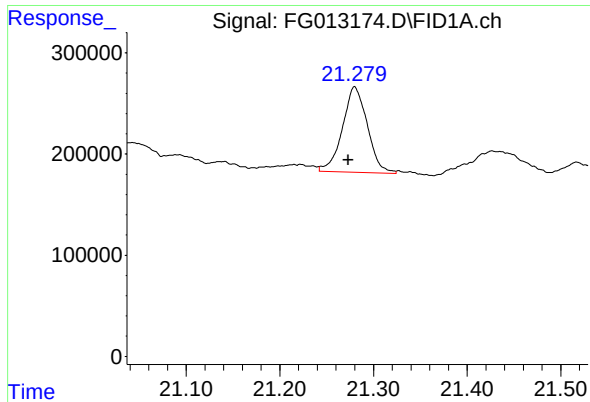
#15 N-TETRATRIACONTANE

R.T.: 19.781 min
Delta R.T.: 0.007 min
Response: 1998266
Conc: 21.95 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.522 min
Delta R.T.: 0.006 min
Response: 1795588
Conc: 24.41 ug/ml m



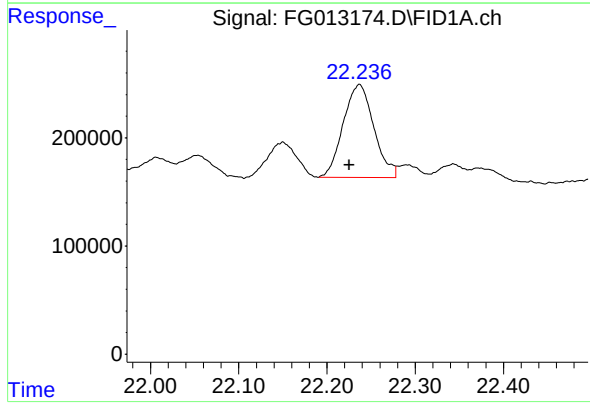
#17 N-OCTATRIACONTANE

R.T.: 21.279 min
Delta R.T.: 0.007 min
Response: 1556296
Conc: 21.99 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.236 min
Delta R.T.: 0.011 min
Response: 2072684
Conc: 28.59 ug/ml m