

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121523\
 Data File : FG013295.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2023 18:31
 Operator : YP\AJ
 Sample : 05862-05MS 100X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FL-06-20231213-12.0-12.5-AMS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/19/2024
 Supervised By :Sohil Jodhani 01/19/2024

Integration File: autoint1.e
 Quant Time: Dec 15 22:37:34 2023
 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...	15.102	945622	8.809 ug/mlm
Target Compounds			
1) N-OCTANE	2.055	19603	0.161 ug/mlm
2) N-DECANE	4.586	21509	0.170 ug/mlm
3) N-DODECANE	6.763	42762	0.340 ug/mlm
4) N-TETRADECANE	8.581	272348	2.256 ug/ml
5) N-HEXADECANE	10.229	92728	0.763 ug/ml
6) N-OCTADECANE	11.647	70957	0.590 ug/mlm
7) N-EICOSANE	12.969	1945874	16.467 ug/mlm
8) N-DOCOSANE	14.175	565691	4.987 ug/mlm
10) N-TETRACOSANE	15.283	1215927	10.440 ug/mlm
11) N-HEXACOSANE	16.295	2971670	26.684 ug/mlm
12) N-OCTACOSANE	17.274	148031	1.341 ug/mlm
13) N-TRIACONTANE	18.159	56478	0.514 ug/mlm
14) N-DOTRIACONTANE	18.952	237297	2.218 ug/mlm
15) N-TETRATRIACONTANE	19.751	452347	4.815 ug/mlm
16) N-HEXATRIACONTANE	20.512	35494	0.458 ug/mlm
17) N-OCTATRIACONTANE	21.225	1003374	14.519 ug/mlm
18) N-TETRACONTANE	22.208	100815	1.391 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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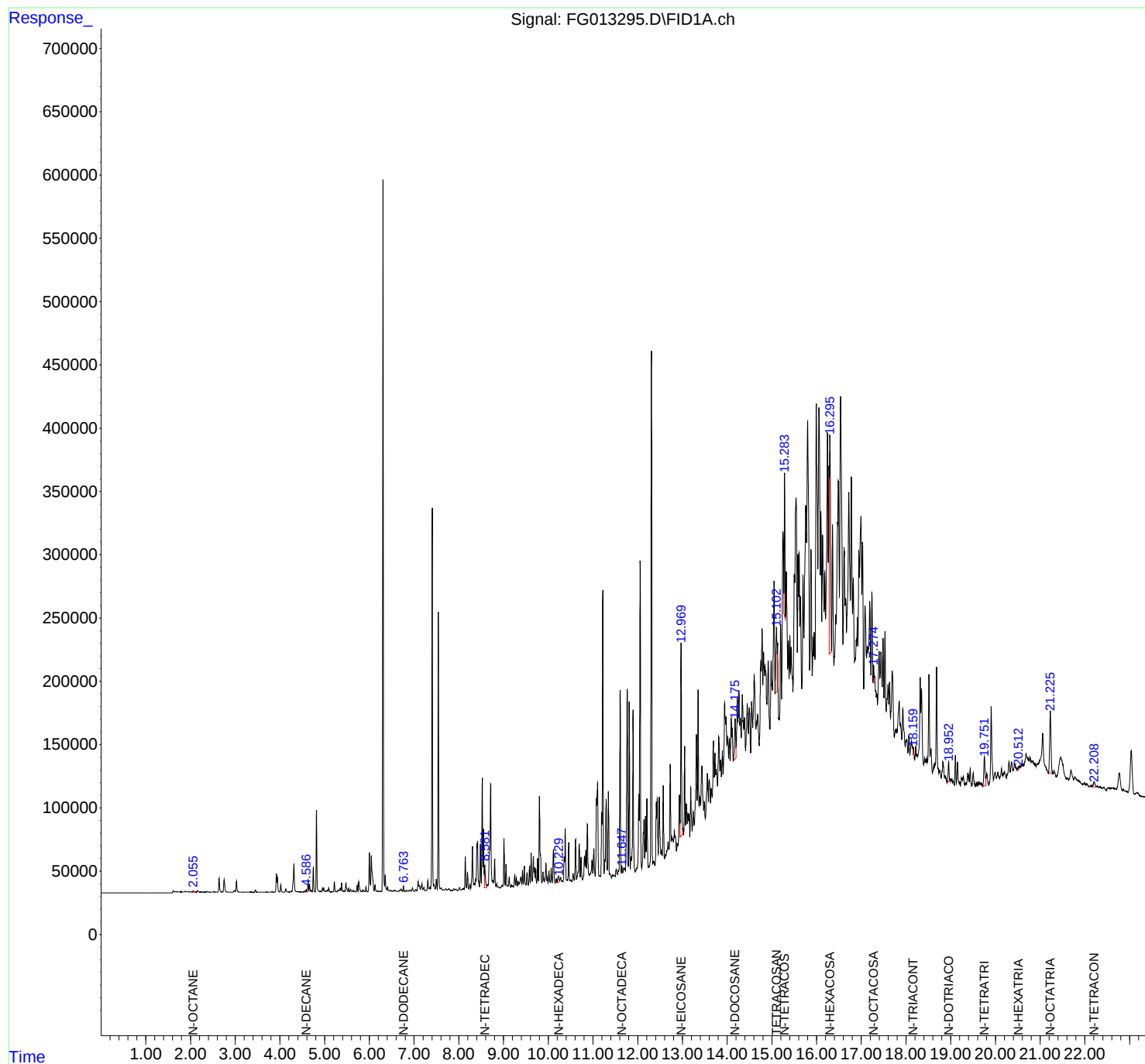
APPROVED

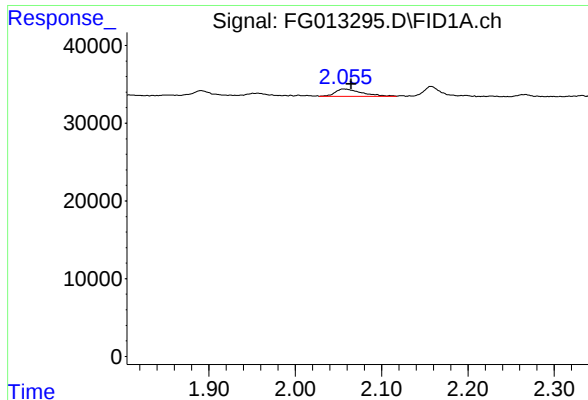
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.055 min
Delta R.T.: -0.010 min
Response: 19603
Conc: 0.16 ug/ml

Instrument :

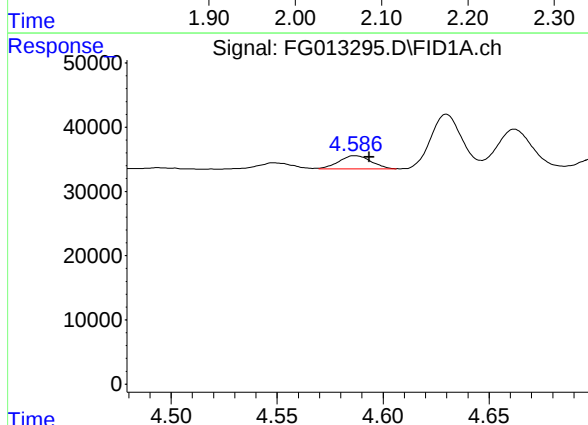
FID_G

ClientSampleId :

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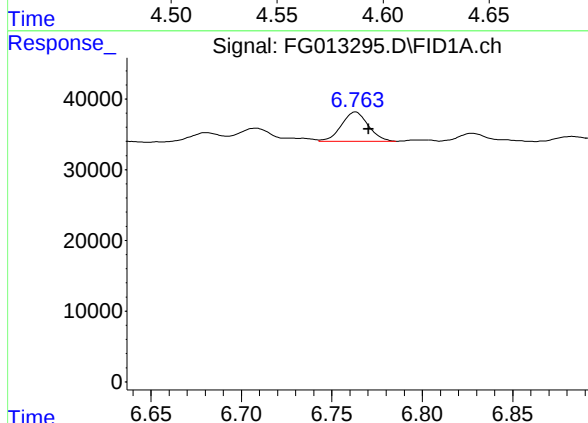
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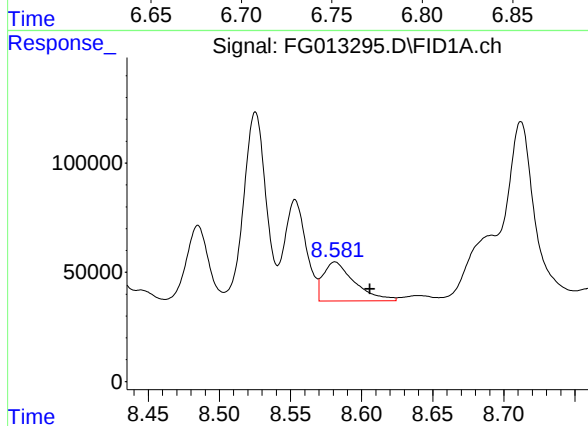
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: -0.008 min
Response: 21509
Conc: 0.17 ug/ml m



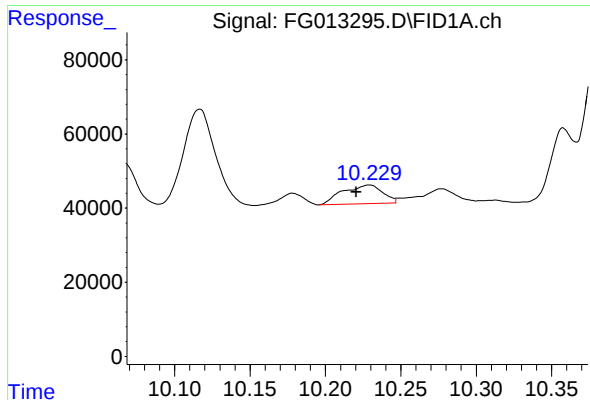
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.008 min
Response: 42762
Conc: 0.34 ug/ml m



#4 N-TETRADECANE

R.T.: 8.581 min
Delta R.T.: -0.025 min
Response: 272348
Conc: 2.26 ug/ml



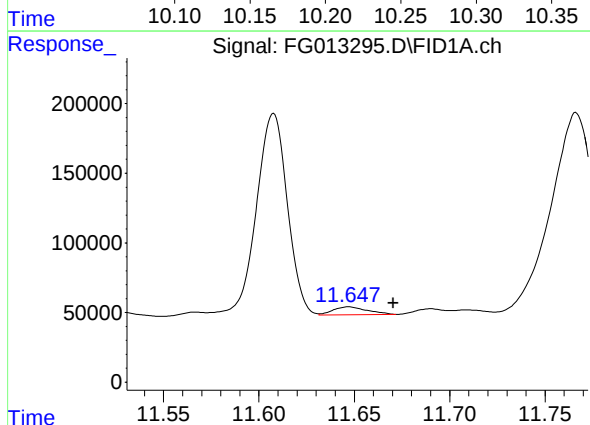
#5 N-HEXADECANE

R.T.: 10.229 min
Delta R.T.: 0.009 min
Response: 92728
Conc: 0.76 ug/ml

Instrument :
FID_G
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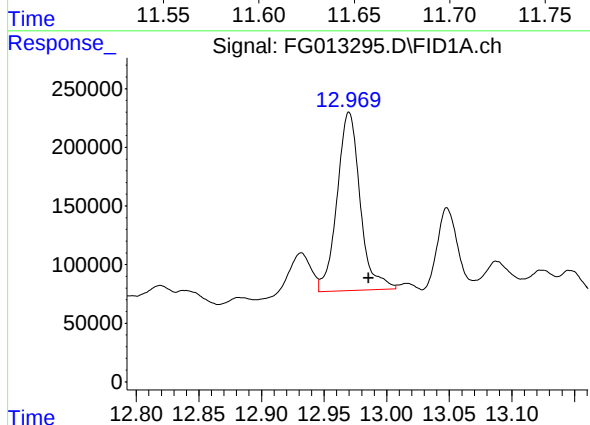
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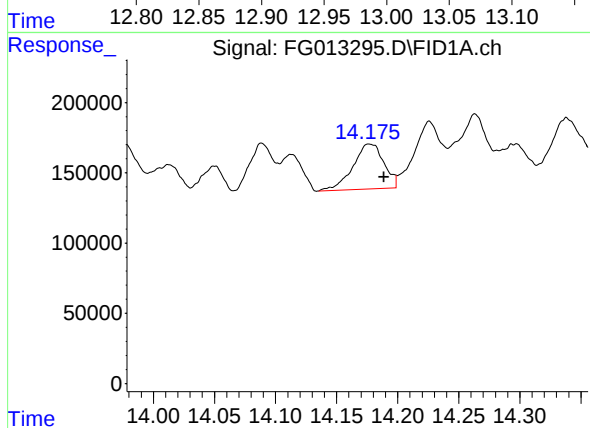
#6 N-OCTADECANE

R.T.: 11.647 min
Delta R.T.: -0.024 min
Response: 70957
Conc: 0.59 ug/ml m



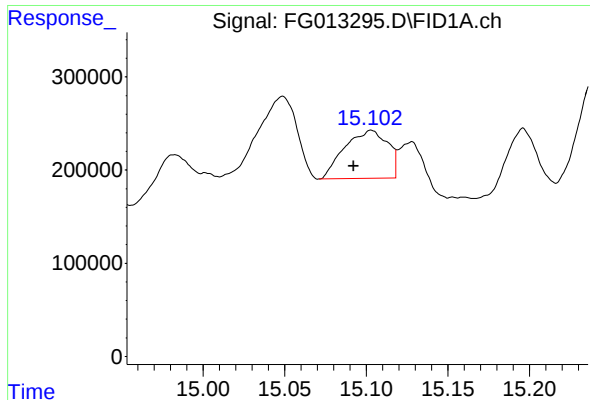
#7 N-EICOSANE

R.T.: 12.969 min
Delta R.T.: -0.016 min
Response: 1945874
Conc: 16.47 ug/ml m



#8 N-DOCOSANE

R.T.: 14.175 min
Delta R.T.: -0.014 min
Response: 565691
Conc: 4.99 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.102 min
Delta R.T.: 0.010 min
Response: 945622
Conc: 8.81 ug/ml

Instrument :

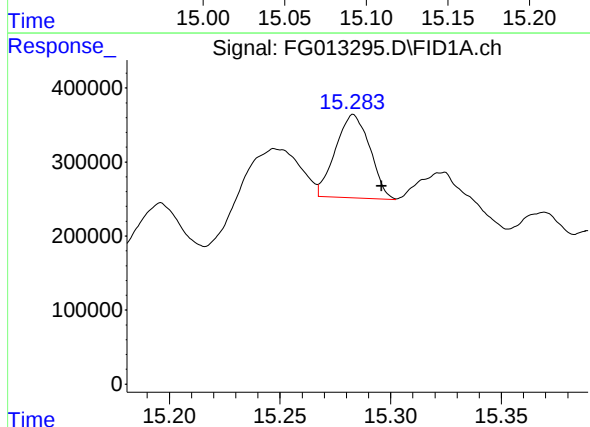
FID_G

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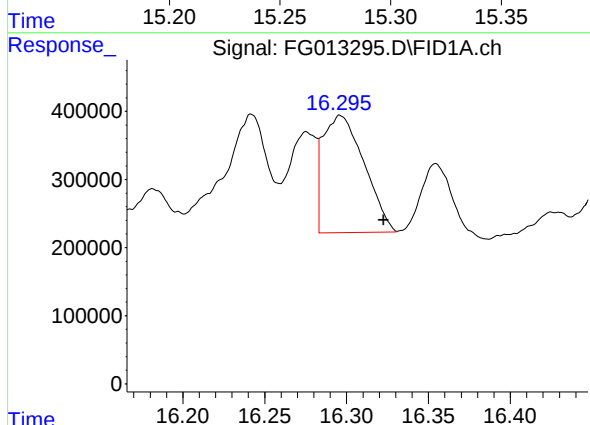
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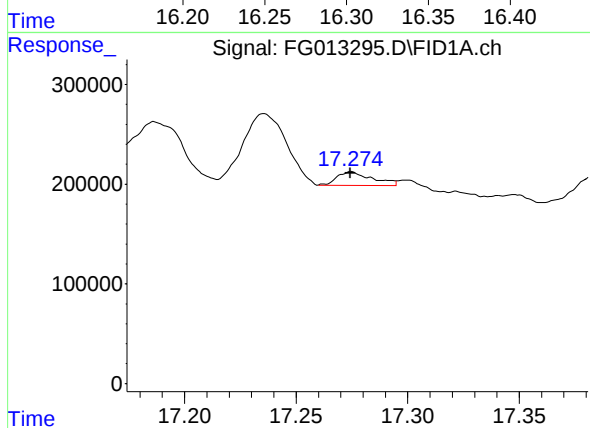
#10 N-TETRACOSANE

R.T.: 15.283 min
Delta R.T.: -0.013 min
Response: 1215927
Conc: 10.44 ug/ml m



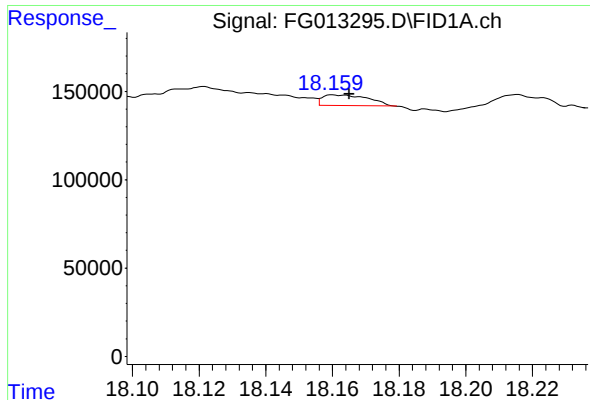
#11 N-HEXACOSANE

R.T.: 16.295 min
Delta R.T.: -0.027 min
Response: 2971670
Conc: 26.68 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.274 min
Delta R.T.: 0.000 min
Response: 148031
Conc: 1.34 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.159 min
Delta R.T.: -0.006 min
Response: 56478
Conc: 0.51 ug/ml

Instrument :

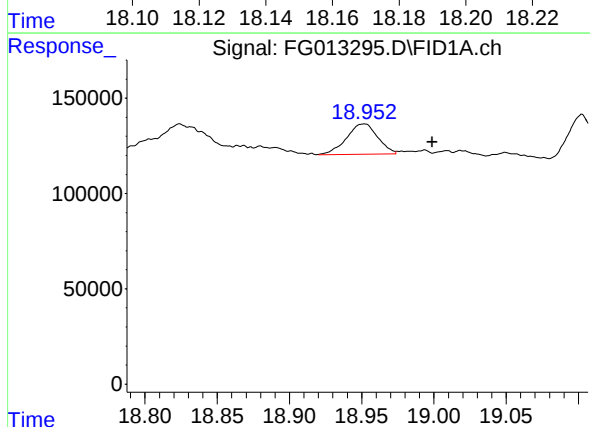
FID_G

ClientSampleId :

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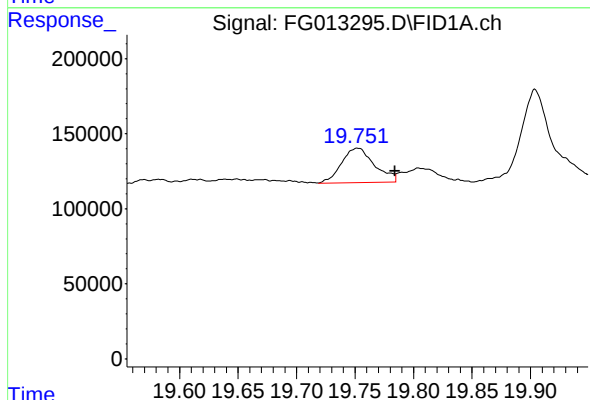
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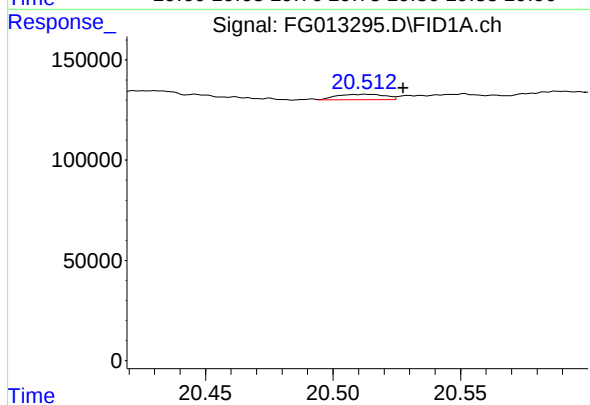
#14 N-DOTRIACONTANE

R.T.: 18.952 min
Delta R.T.: -0.047 min
Response: 237297
Conc: 2.22 ug/ml m



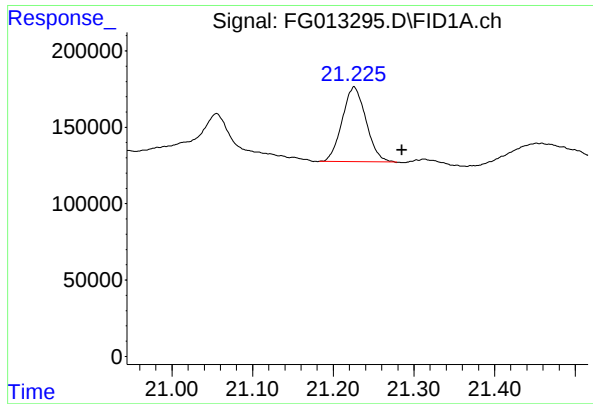
#15 N-TETRATRIACONTANE

R.T.: 19.751 min
Delta R.T.: -0.033 min
Response: 452347
Conc: 4.82 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.512 min
Delta R.T.: -0.015 min
Response: 35494
Conc: 0.46 ug/ml m



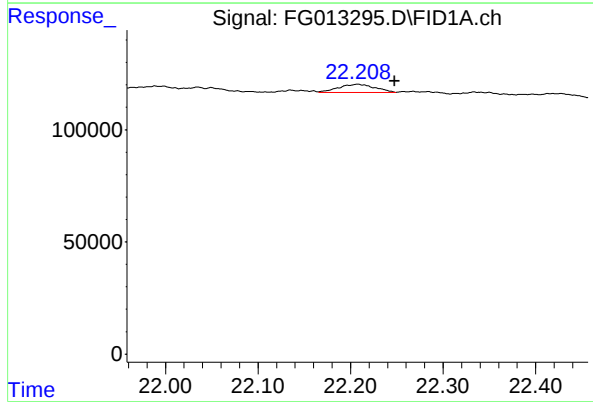
#17 N-OCTATRIACONTANE

R.T.: 21.225 min
Delta R.T.: -0.060 min
Response: 1003374
Conc: 14.52 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.208 min
Delta R.T.: -0.039 min
Response: 100815
Conc: 1.39 ug/ml m