

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082123\
 Data File : FG012754.D
 Signal(s) : FID1A.ch
 Acq On : 21 Aug 2023 19:40
 Operator : YP\AJ
 Sample : 04089-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-3-081823MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 23:54:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.098	1225863	10.958 ug/mlm
Target Compounds			
1) N-OCTANE	2.081	1434765	11.653 ug/ml
2) N-DECANE	4.605	2553637	20.101 ug/ml
3) N-DODECANE	6.781	4376677	34.074 ug/ml
4) N-TETRADECANE	8.616	5358787	41.599 ug/mlm
5) N-HEXADECANE	10.231	5972104	46.035 ug/mlm
6) N-OCTADECANE	11.680	5185395	39.535 ug/mlm
7) N-EICOSANE	12.994	4511495	35.077 ug/mlm
8) N-DOCOSANE	14.198	3578411	28.294 ug/mlm
10) N-TETRACOSANE	15.301	5040869	39.859 ug/ml
11) N-HEXACOSANE	16.326	2600579	20.775 ug/mlm
12) N-OCTACOSANE	17.281	2545221	20.709 ug/mlm
13) N-TRIACONTANE	18.171	2673907	22.578 ug/mlm
14) N-DOTRIACONTANE	19.006	2643038	23.535 ug/mlm
15) N-TETRATRIACONTANE	19.792	2253059	23.786 ug/mlm
16) N-HEXATRIACONTANE	20.536	2291867	28.243 ug/mlm
17) N-OCTATRIACONTANE	21.303	2467790	34.173 ug/mlm
18) N-TETRACONTANE	22.270f	2365272	33.946 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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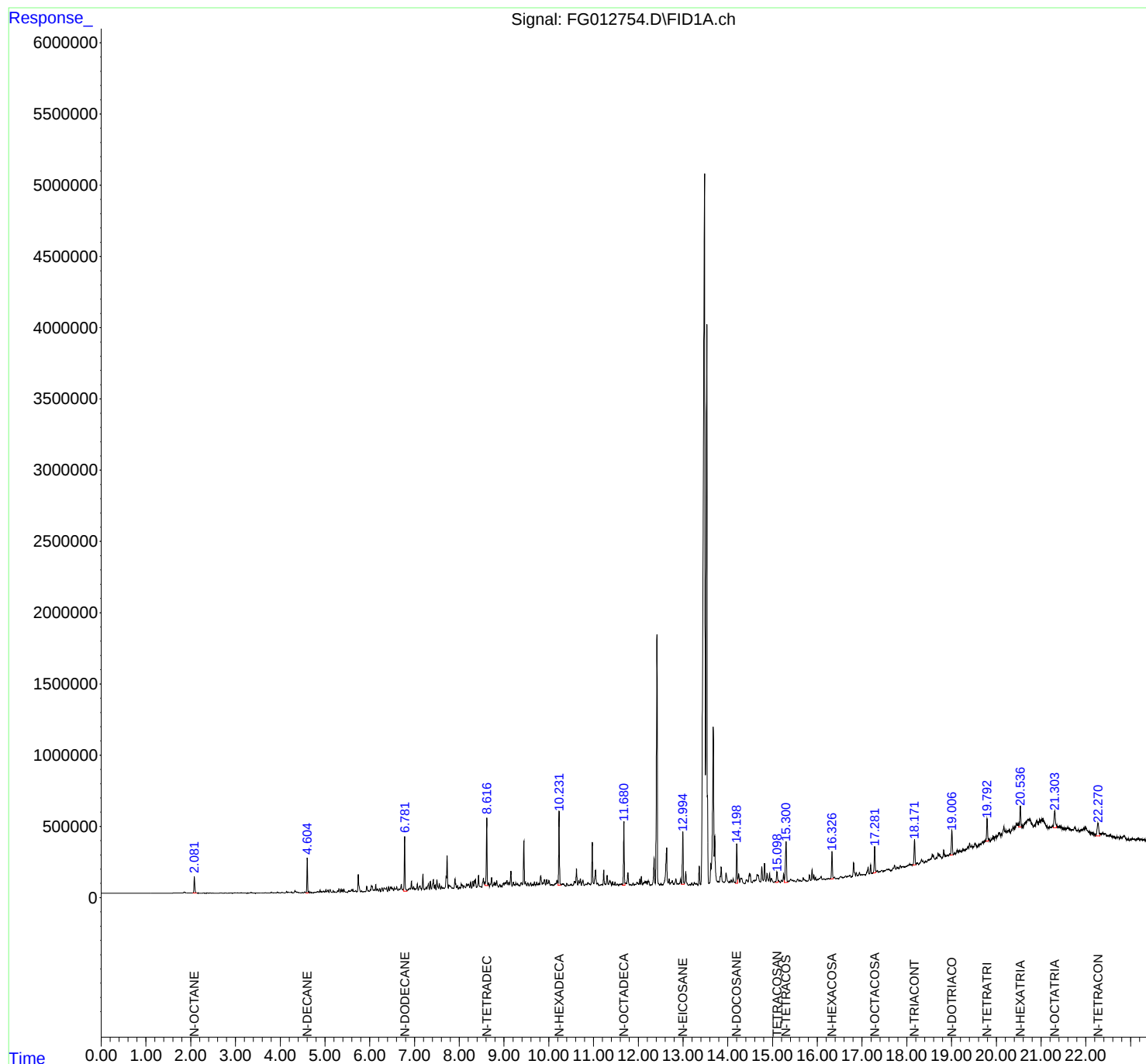
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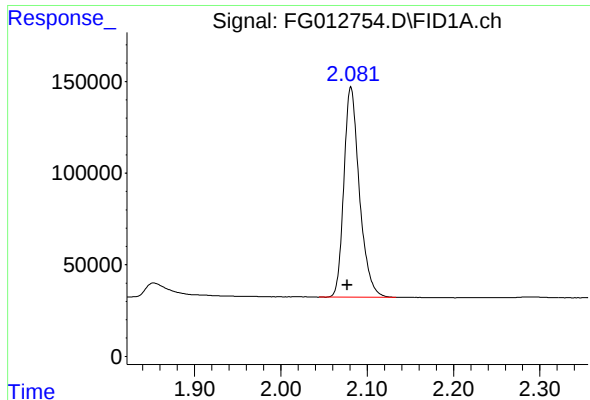
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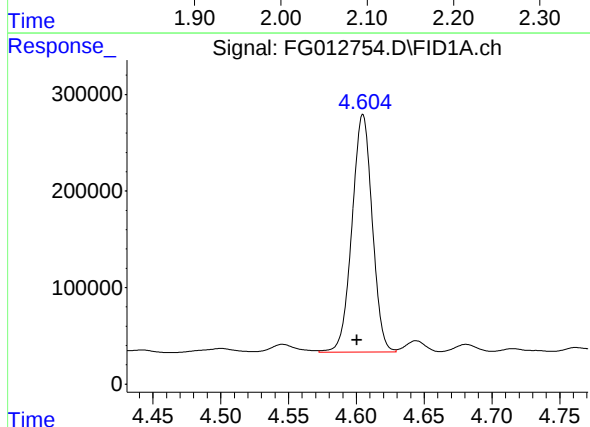
#1 N-OCTANE

R.T.: 2.081 min
Delta R.T.: 0.004 min
Response: 1434765
Conc: 11.65 ug/ml

Instrument :
FID_G
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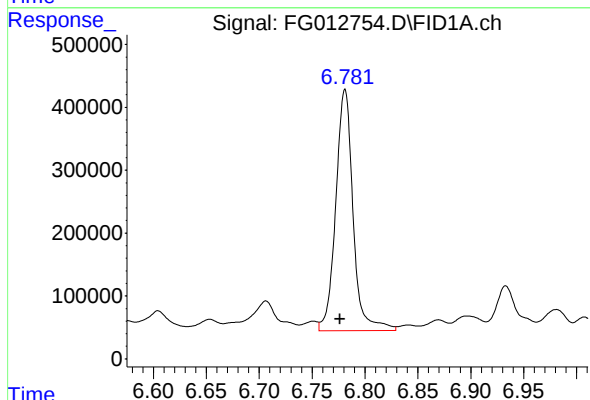
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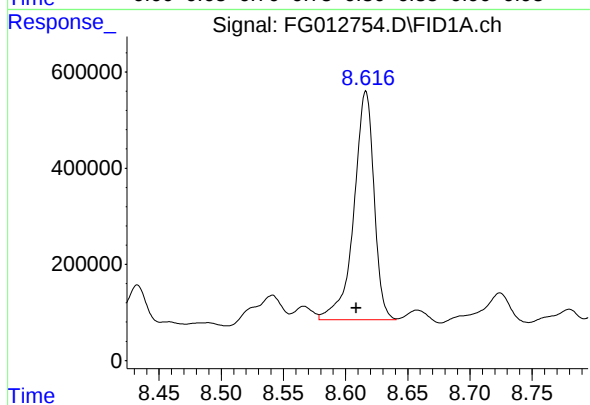
#2 N-DECANE

R.T.: 4.605 min
Delta R.T.: 0.005 min
Response: 2553637
Conc: 20.10 ug/ml



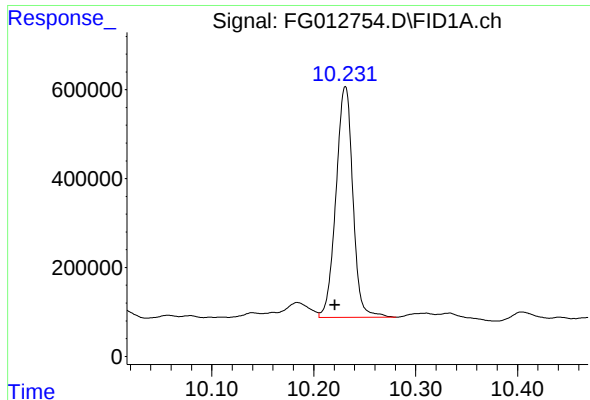
#3 N-DODECANE

R.T.: 6.781 min
Delta R.T.: 0.005 min
Response: 4376677
Conc: 34.07 ug/ml



#4 N-TETRADECANE

R.T.: 8.616 min
Delta R.T.: 0.007 min
Response: 5358787
Conc: 41.60 ug/ml m



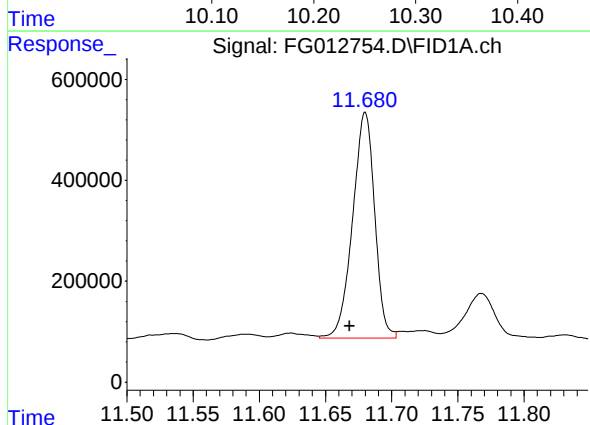
#5 N-HEXADECANE

R.T.: 10.231 min
Delta R.T.: 0.010 min
Response: 5972104
Conc: 46.03 ug/ml

Instrument :
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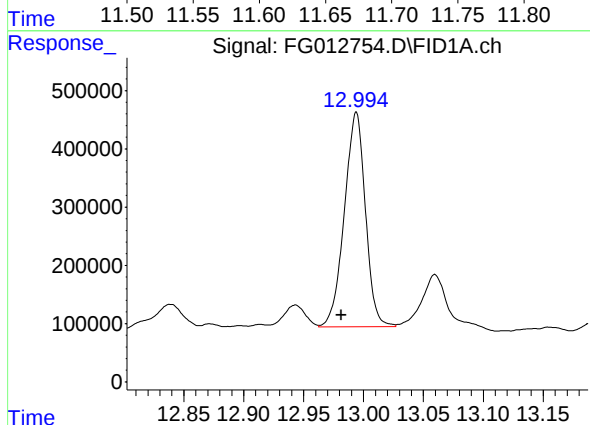
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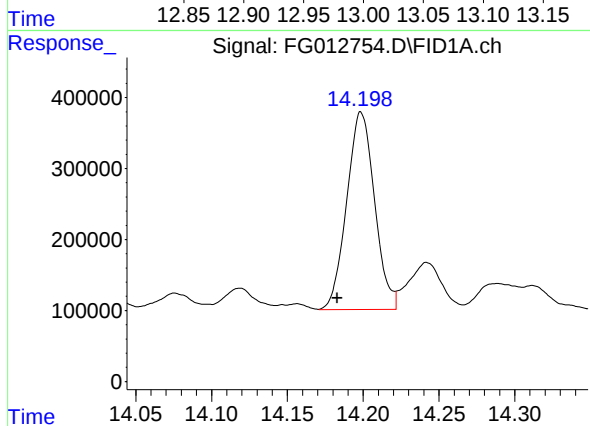
#6 N-OCTADECANE

R.T.: 11.680 min
Delta R.T.: 0.011 min
Response: 5185395
Conc: 39.54 ug/ml



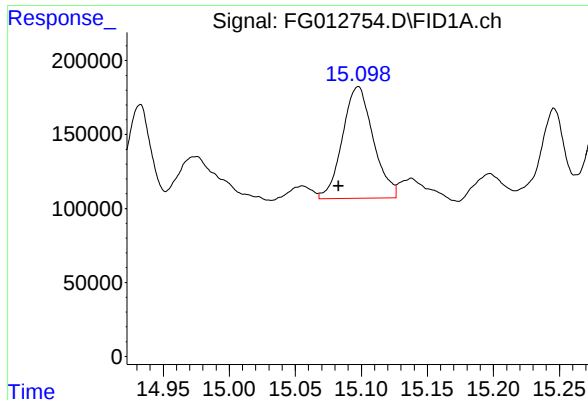
#7 N-EICOSANE

R.T.: 12.994 min
Delta R.T.: 0.012 min
Response: 4511495
Conc: 35.08 ug/ml



#8 N-DOCOSANE

R.T.: 14.198 min
Delta R.T.: 0.015 min
Response: 3578411
Conc: 28.29 ug/ml



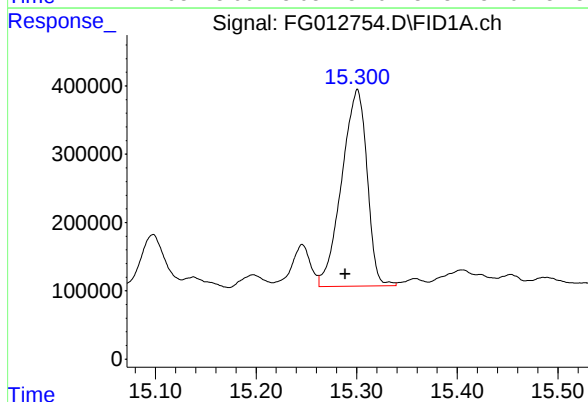
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.098 min
Delta R.T.: 0.015 min
Response: 1225863
Conc: 10.96 ug/ml

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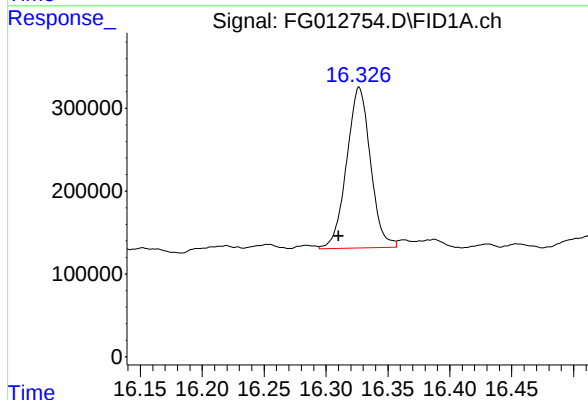
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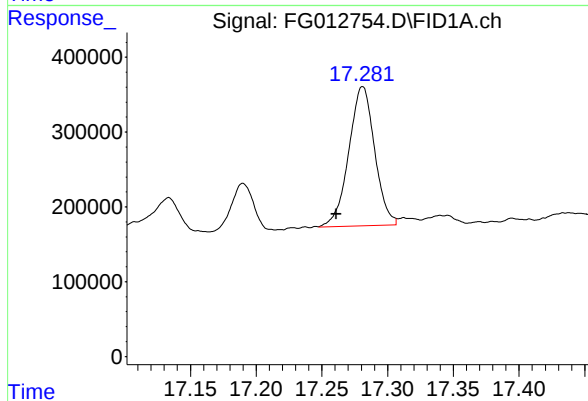
#10 N-TETRACOSANE

R.T.: 15.301 min
Delta R.T.: 0.012 min
Response: 5040869
Conc: 39.86 ug/ml



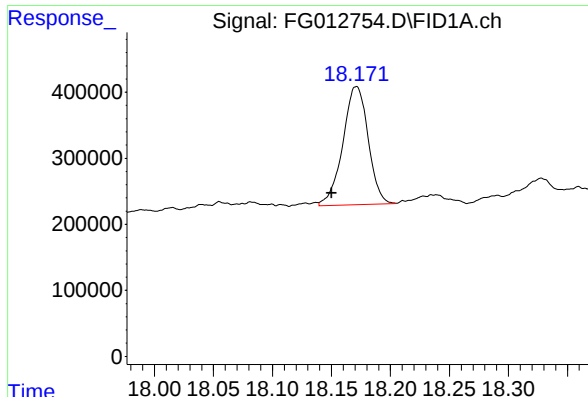
#11 N-HEXACOSANE

R.T.: 16.326 min
Delta R.T.: 0.016 min
Response: 2600579
Conc: 20.78 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.281 min
Delta R.T.: 0.019 min
Response: 2545221
Conc: 20.71 ug/ml m



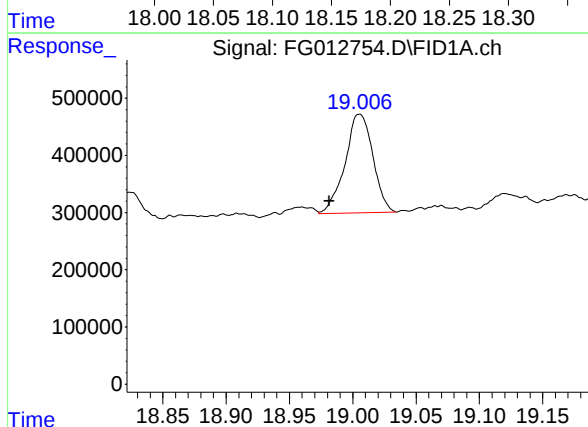
#13 N-TRIACONTANE

R.T.: 18.171 min
Delta R.T.: 0.021 min
Response: 2673907
Conc: 22.58 ug/ml

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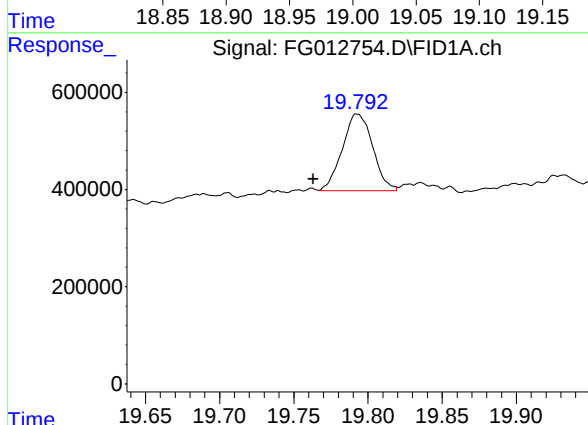
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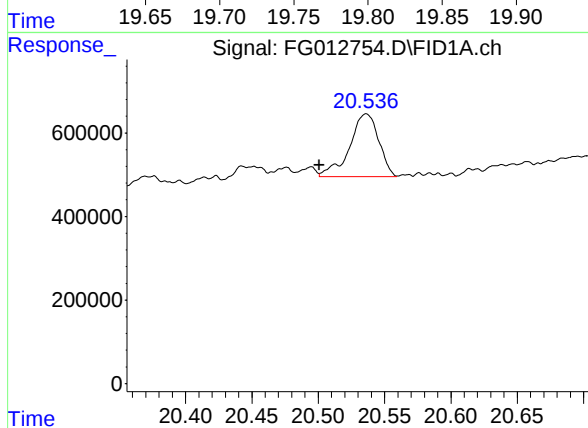
#14 N-DOTRIACONTANE

R.T.: 19.006 min
Delta R.T.: 0.024 min
Response: 2643038
Conc: 23.53 ug/ml m



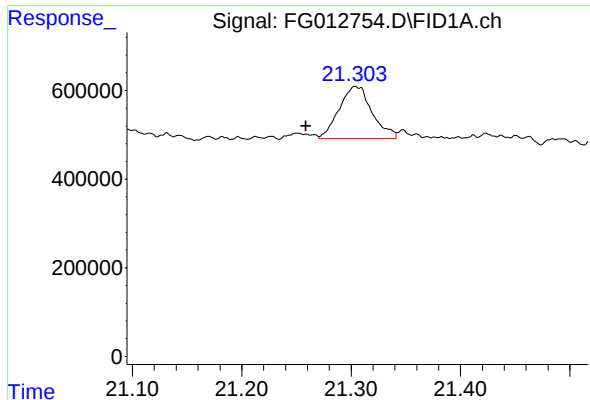
#15 N-TETRATRIACONTANE

R.T.: 19.792 min
Delta R.T.: 0.028 min
Response: 2253059
Conc: 23.79 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.536 min
Delta R.T.: 0.035 min
Response: 2291867
Conc: 28.24 ug/ml m



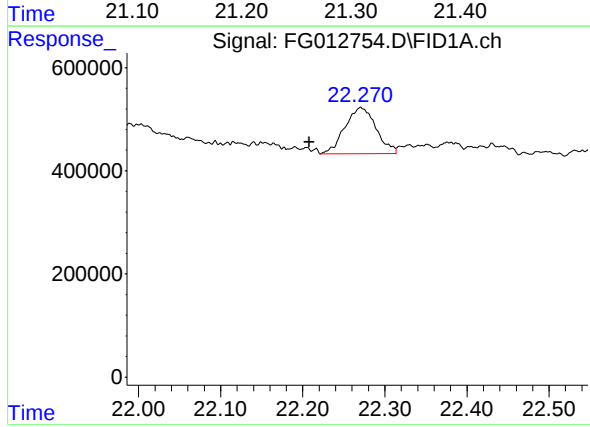
#17 N-OCTATRIACONTANE

R.T.: 21.303 min
Delta R.T.: 0.045 min
Response: 2467790
Conc: 34.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.270 min
Delta R.T.: 0.062 min
Response: 2365272
Conc: 33.95 ug/ml m