

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032423\
 Data File : FG011663.D
 Signal(s) : FID1A.ch
 Acq On : 24 Mar 2023 15:08
 Operator : YP\AJ
 Sample : 02022-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-32123MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 24 18:09:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.051	1573730	15.635 ug/ml
Target Compounds			
1) N-OCTANE	2.058	2011012	17.088 ug/ml
2) N-DECANE	4.577	2310616	19.119 ug/ml
3) N-DODECANE	6.747	2409100	19.743 ug/ml
4) N-TETRADECANE	8.578	2416465	19.858 ug/ml
5) N-HEXADECANE	10.189	2756501	22.354 ug/ml
6) N-OCTADECANE	11.635	2617258	21.429 ug/ml
7) N-EICOSANE	12.948	2759469	22.965 ug/ml
8) N-DOCOSANE	14.150	2620988	22.849 ug/ml
10) N-TETRACOSANE	15.252	3851922	34.100 ug/ml
11) N-HEXACOSANE	16.281	2481025	22.974 ug/ml
12) N-OCTACOSANE	17.235	2678579	25.832 ug/ml
13) N-TRIACONTANE	18.127	2894260	29.205 ug/ml
14) N-DOTRIACONTANE	18.963	3161161	34.085 ug/ml
15) N-TETRATRIACONTANE	19.751	2908075	34.494 ug/mlm
16) N-HEXATRIACONTANE	20.498	3154459	40.975 ug/mlm
17) N-OCTATRIACONTANE	21.254	3647573	48.447 ug/mlm
18) N-TETRACONTANE	22.201	3613937	49.241 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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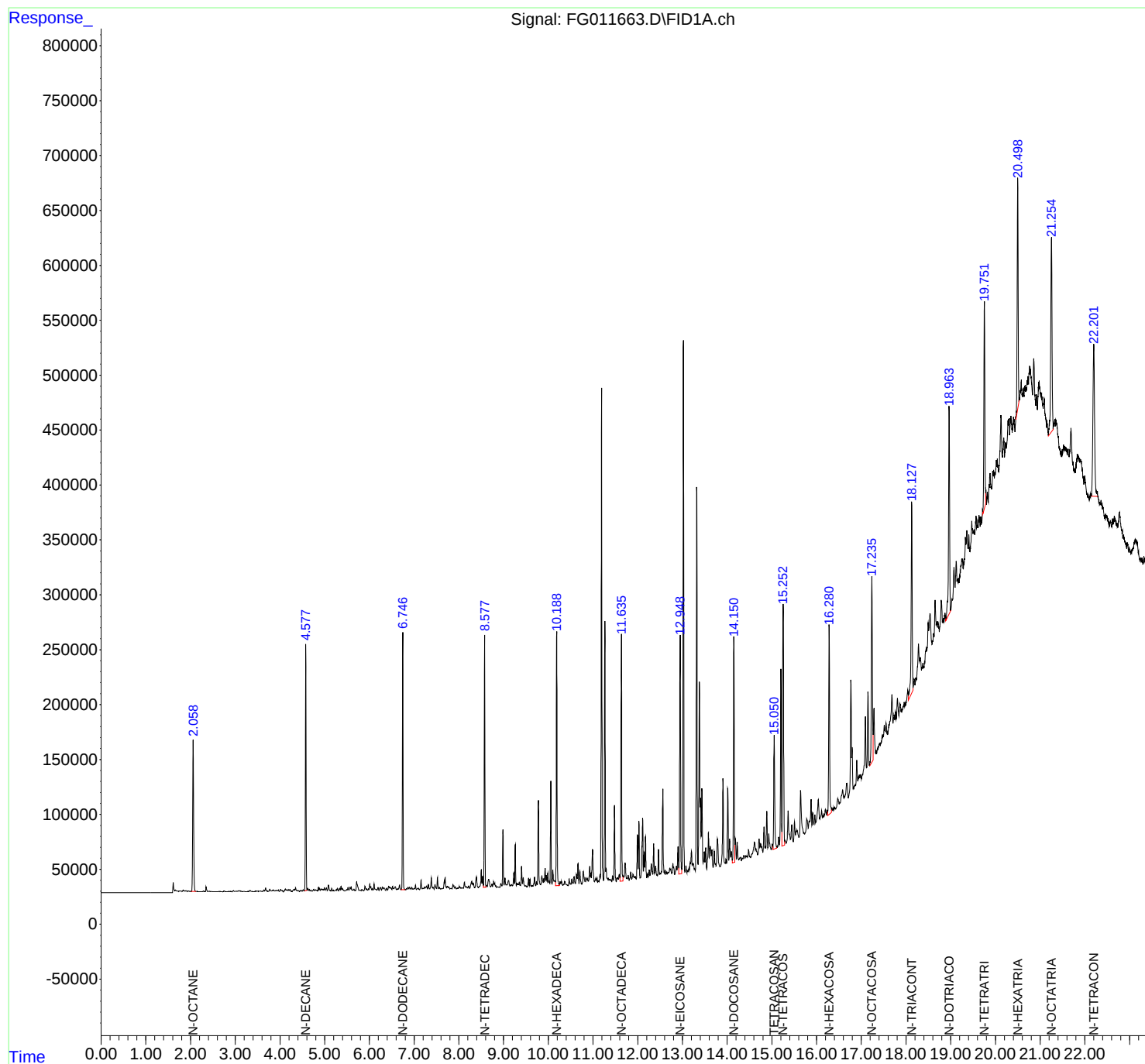
Instrument :
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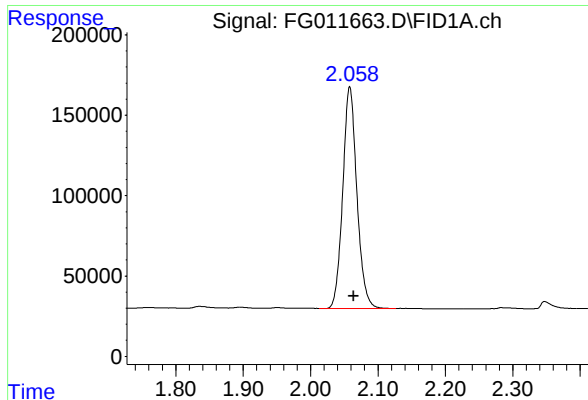
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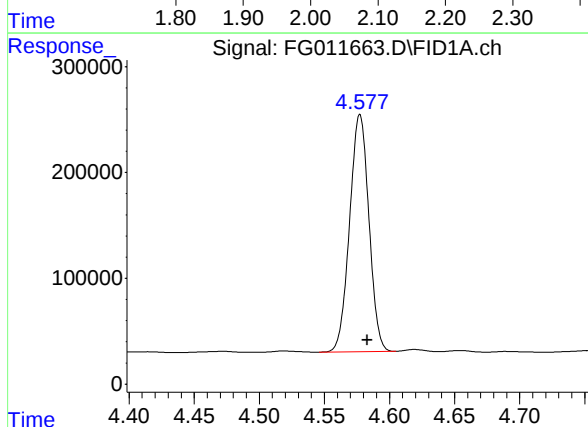
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: -0.006 min
Response: 2011012
Conc: 17.09 ug/ml

Instrument :
FID_G
ClientSampleId :
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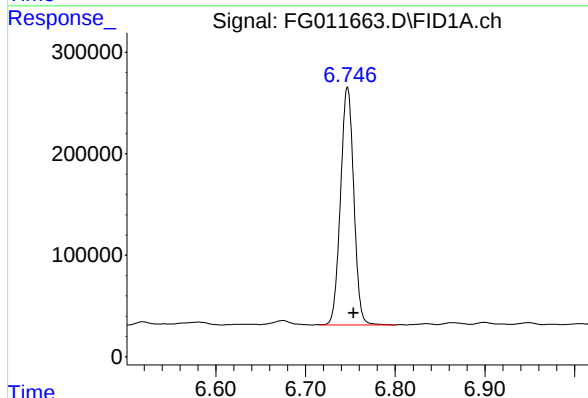
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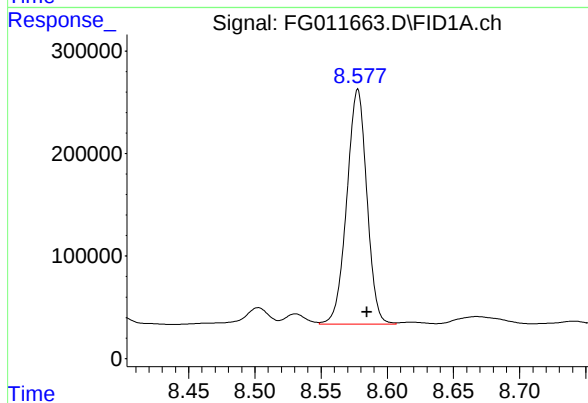
#2 N-DECANE

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 2310616
Conc: 19.12 ug/ml



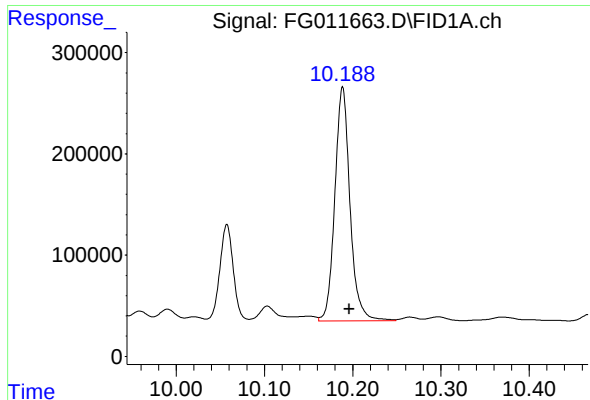
#3 N-DODECANE

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 2409100
Conc: 19.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.578 min
Delta R.T.: -0.007 min
Response: 2416465
Conc: 19.86 ug/ml



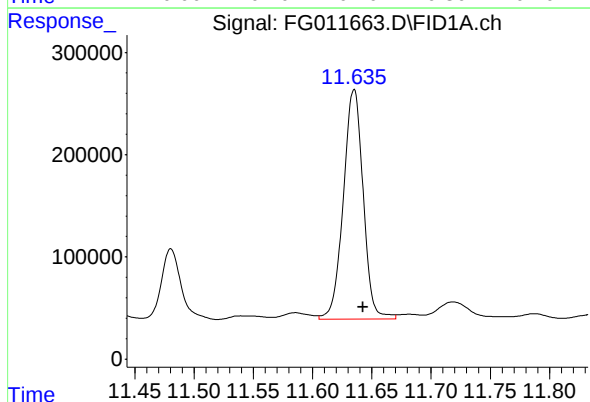
#5 N-HEXADECANE

R.T.: 10.189 min
Delta R.T.: -0.008 min
Response: 2756501
Conc: 22.35 ug/ml

Instrument :
FID_G
ClientSampleId :
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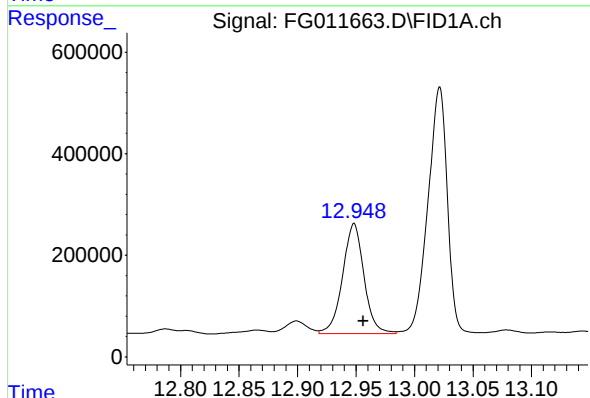
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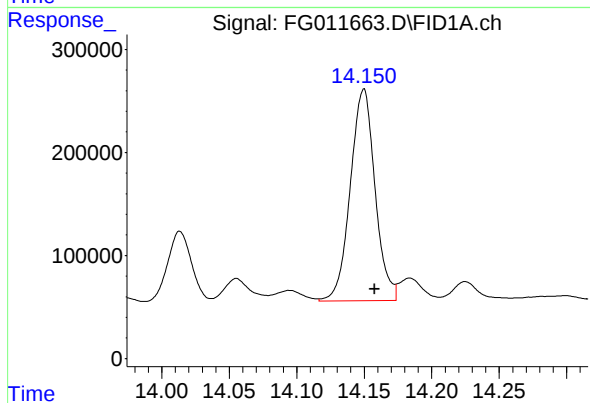
#6 N-OCTADECANE

R.T.: 11.635 min
Delta R.T.: -0.007 min
Response: 2617258
Conc: 21.43 ug/ml



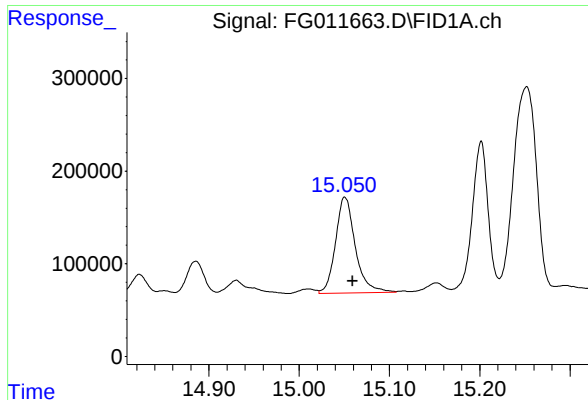
#7 N-EICOSANE

R.T.: 12.948 min
Delta R.T.: -0.008 min
Response: 2759469
Conc: 22.97 ug/ml



#8 N-DOCOSANE

R.T.: 14.150 min
Delta R.T.: -0.008 min
Response: 2620988
Conc: 22.85 ug/ml



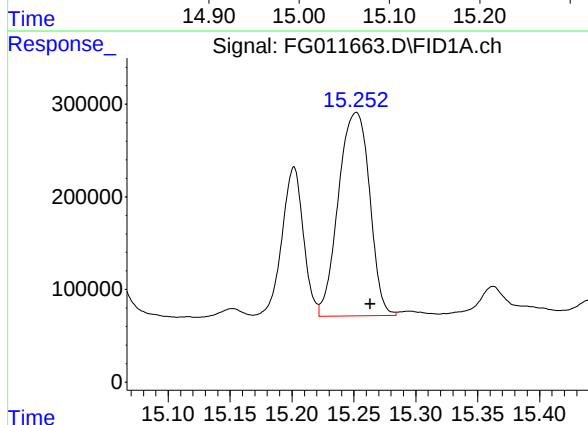
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.051 min
Delta R.T.: -0.008 min
Response: 1573730
Conc: 15.64 ug/ml

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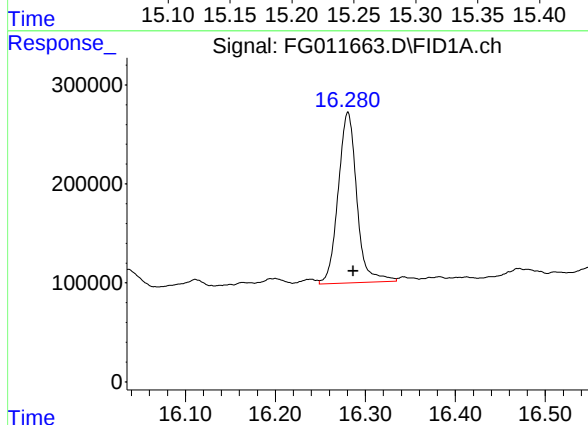
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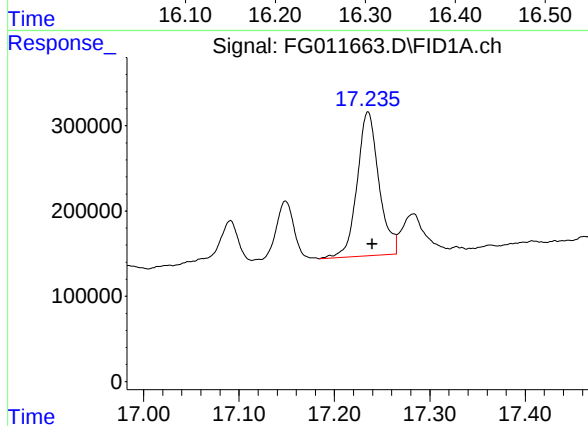
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.011 min
Response: 3851922
Conc: 34.10 ug/ml



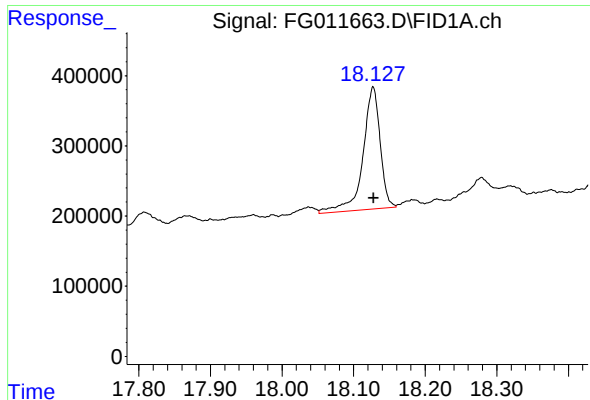
#11 N-HEXACOSANE

R.T.: 16.281 min
Delta R.T.: -0.006 min
Response: 2481025
Conc: 22.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.235 min
Delta R.T.: -0.004 min
Response: 2678579
Conc: 25.83 ug/ml



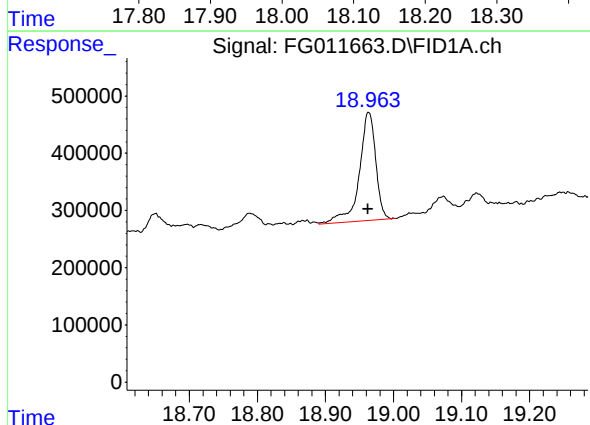
#13 N-TRIACONTANE

R.T.: 18.127 min
Delta R.T.: 0.000 min
Response: 2894260
Conc: 29.21 ug/ml

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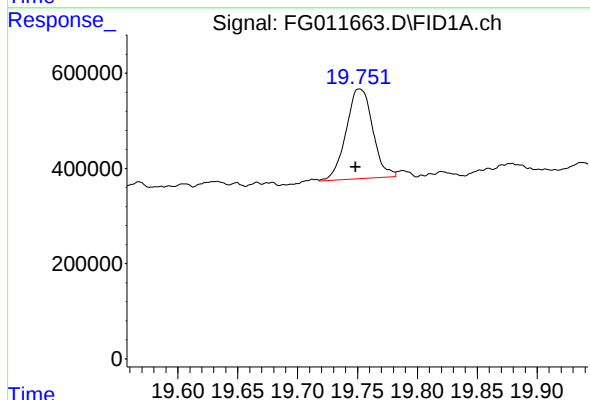
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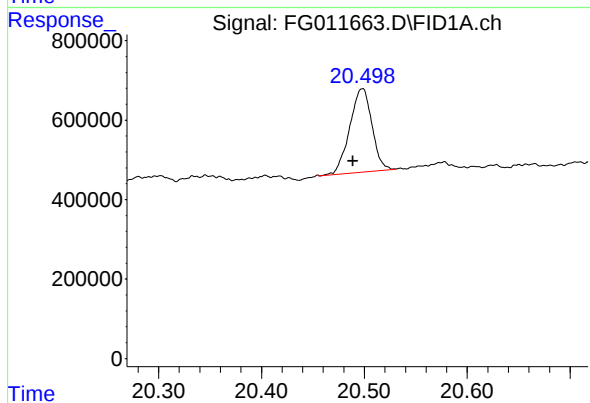
#14 N-DOTRIACONTANE

R.T.: 18.963 min
Delta R.T.: 0.000 min
Response: 3161161
Conc: 34.08 ug/ml



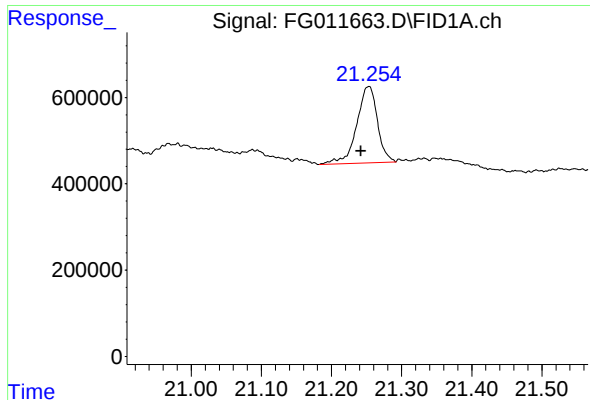
#15 N-TETRATRIACONTANE

R.T.: 19.751 min
Delta R.T.: 0.002 min
Response: 2908075
Conc: 34.49 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.498 min
Delta R.T.: 0.009 min
Response: 3154459
Conc: 40.98 ug/ml m



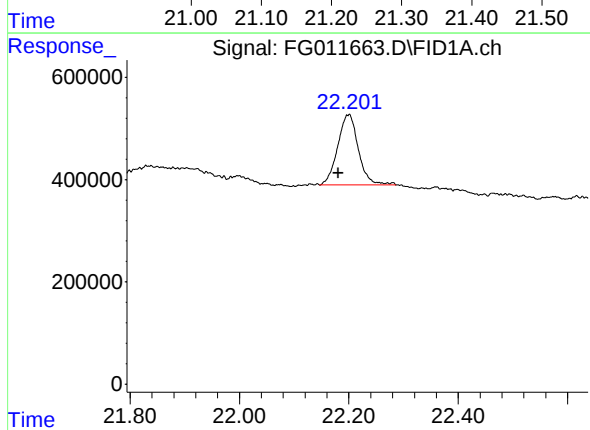
#17 N-OCTATRIACONTANE

R.T.: 21.254 min
Delta R.T.: 0.011 min
Response: 3647573
Conc: 48.45 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.201 min
Delta R.T.: 0.021 min
Response: 3613937
Conc: 49.24 ug/ml m