

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101822\
 Data File : FG010934.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 20:11
 Operator : YP\AJ
 Sample : N5081-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2022
 Supervised By :Ankita Jodhani 10/20/2022

Integration File: Sample.e
 Quant Time: Oct 19 04:46:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 2022
 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...	14.737	1487776	12.263 ug/ml
Target Compounds			
1) N-OCTANE	1.767	1419745	11.136 ug/ml
2) N-DECANE	4.259	1992944	15.314 ug/ml
3) N-DODECANE	6.440	2123291	16.010 ug/ml
4) N-TETRADECANE	8.271	2204045	16.437 ug/ml
5) N-HEXADECANE	9.879	2289960	16.515 ug/ml
6) N-OCTADECANE	11.323	2324372	16.492 ug/ml
7) N-EICOSANE	12.634	2269355	16.048 ug/mlm
8) N-DOCOSANE	13.835	2453279	17.722 ug/ml
10) N-TETRACOSANE	14.940	2106004	15.286 ug/ml
11) N-HEXACOSANE	15.965	2147440	15.917 ug/ml
12) N-OCTACOSANE	16.919	2108947	16.082 ug/ml
13) N-TRIACONTANE	17.810	2231461	17.336 ug/ml
14) N-DOTRIACONTANE	18.646	2437862	19.185 ug/ml
15) N-TETRATRIACONTANE	19.432	2136117	17.016 ug/ml
16) N-HEXATRIACONTANE	20.174	1825580	15.160 ug/ml
17) N-OCTATRIACONTANE	20.884	1816325	14.778 ug/ml
18) N-TETRACONTANE	21.712	2090866	16.644 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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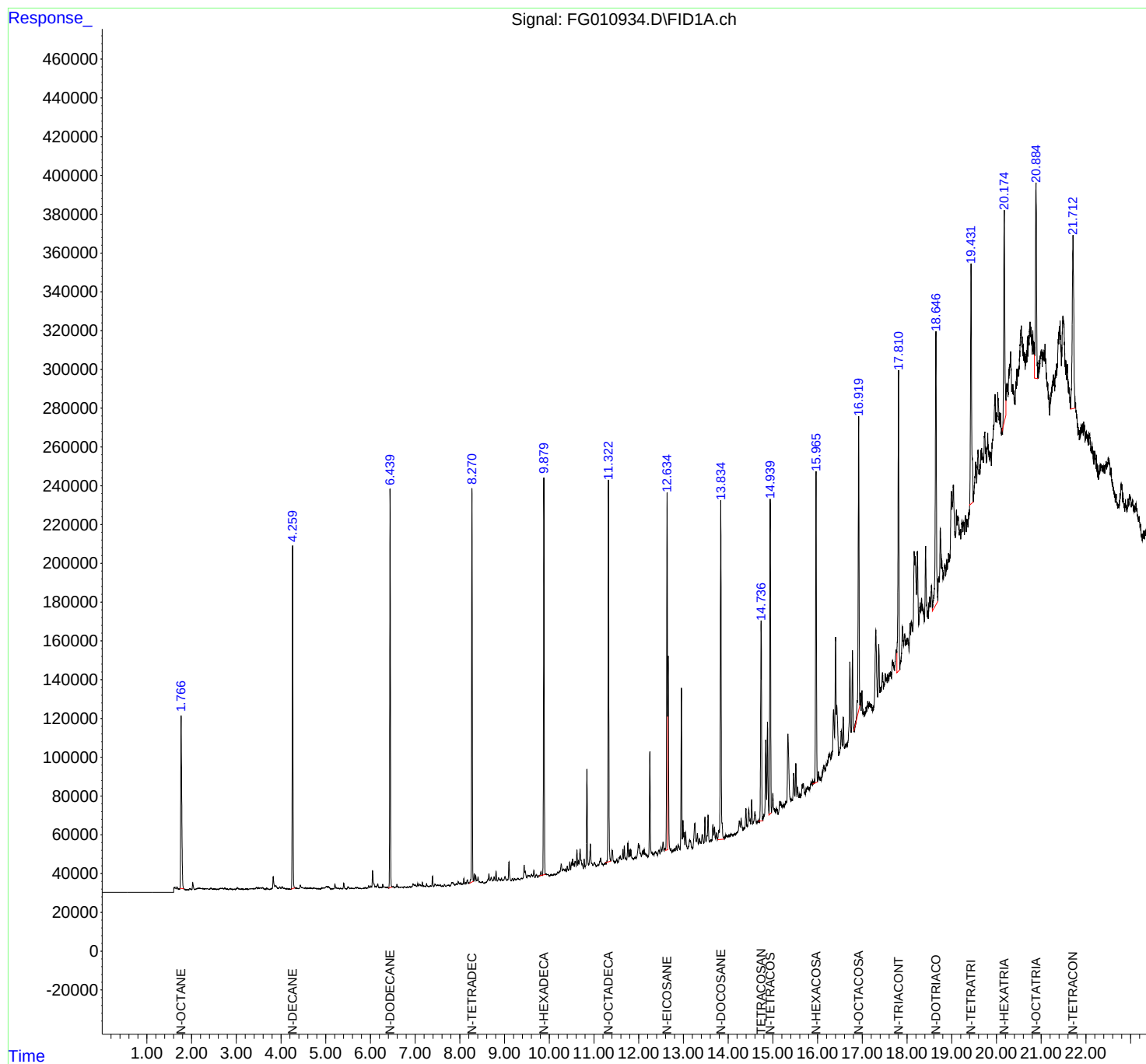
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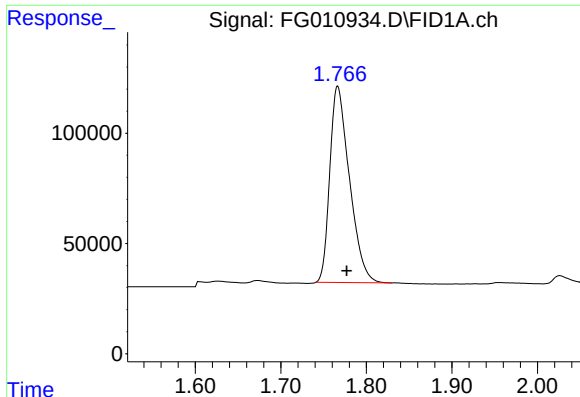
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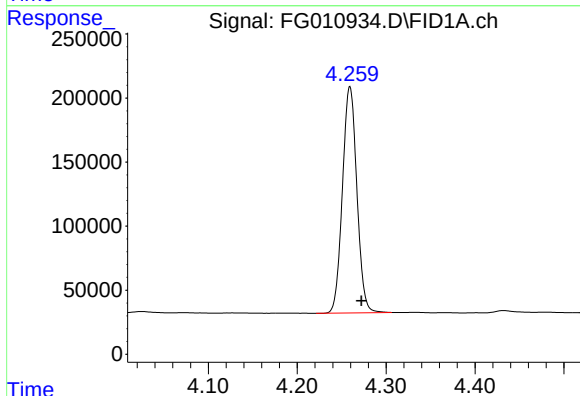
#1 N-OCTANE

R.T.: 1.767 min
Delta R.T.: -0.010 min
Response: 1419745
Conc: 11.14 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

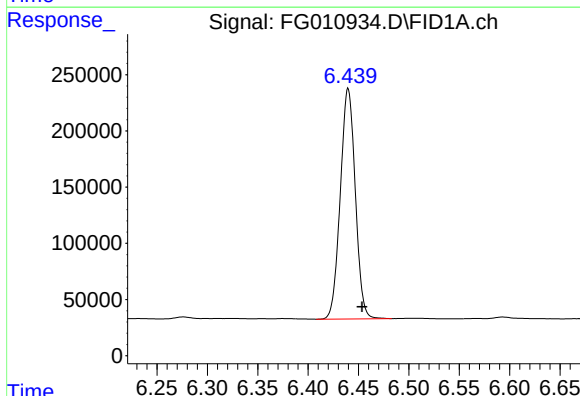
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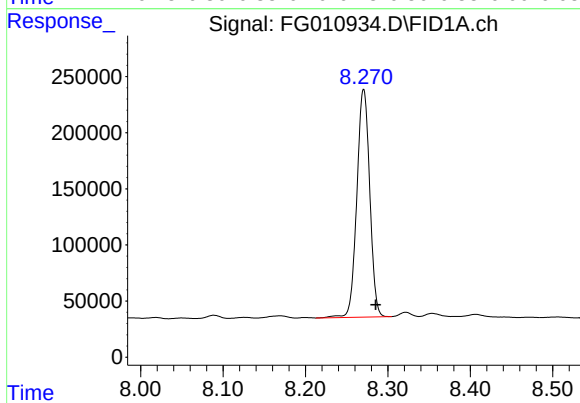
#2 N-DECANE

R.T.: 4.259 min
Delta R.T.: -0.013 min
Response: 1992944
Conc: 15.31 ug/ml



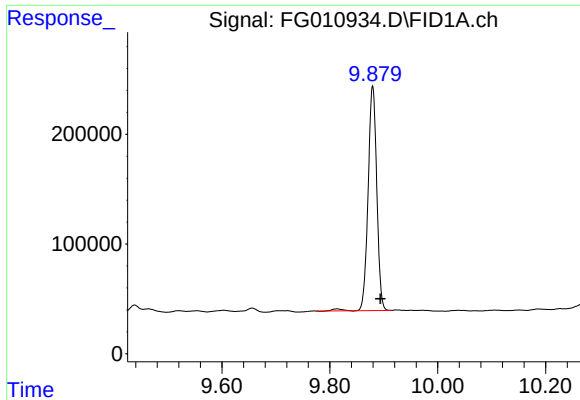
#3 N-DODECANE

R.T.: 6.440 min
Delta R.T.: -0.014 min
Response: 2123291
Conc: 16.01 ug/ml



#4 N-TETRADECANE

R.T.: 8.271 min
Delta R.T.: -0.015 min
Response: 2204045
Conc: 16.44 ug/ml



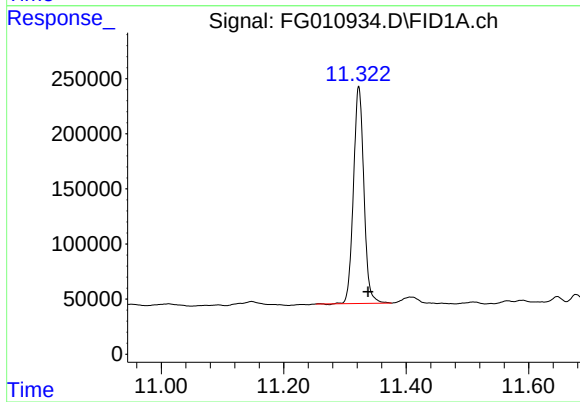
#5 N-HEXADECANE

R.T.: 9.879 min
Delta R.T.: -0.014 min
Response: 2289960
Conc: 16.52 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

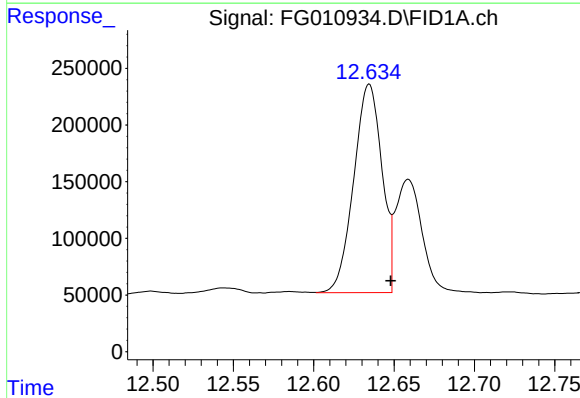
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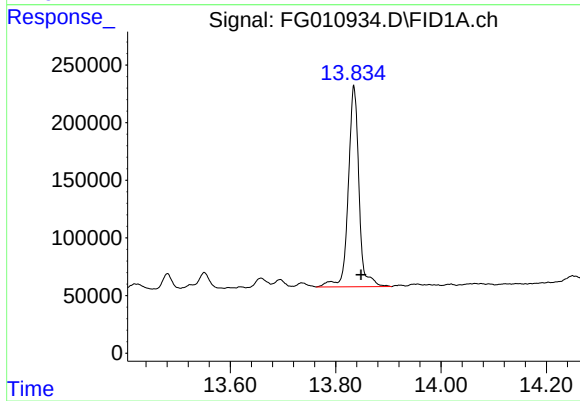
#6 N-OCTADECANE

R.T.: 11.323 min
Delta R.T.: -0.015 min
Response: 2324372
Conc: 16.49 ug/ml



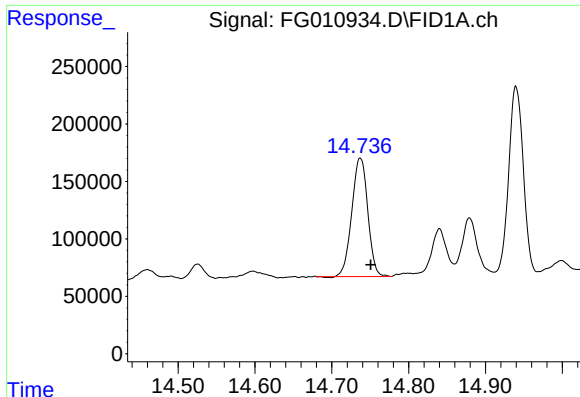
#7 N-EICOSANE

R.T.: 12.634 min
Delta R.T.: -0.014 min
Response: 2269355
Conc: 16.05 ug/ml m



#8 N-DOCOSANE

R.T.: 13.835 min
Delta R.T.: -0.014 min
Response: 2453279
Conc: 17.72 ug/ml



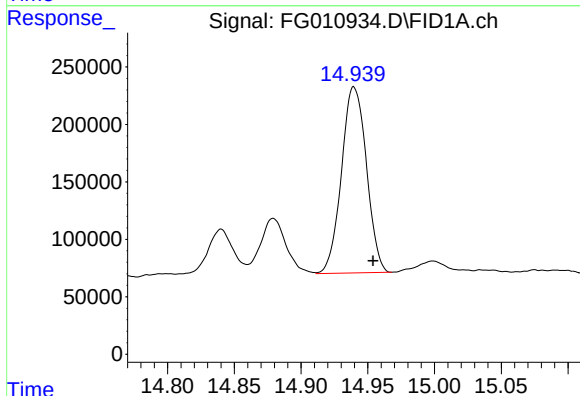
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.737 min
Delta R.T.: -0.014 min
Response: 1487776
Conc: 12.26 ug/ml

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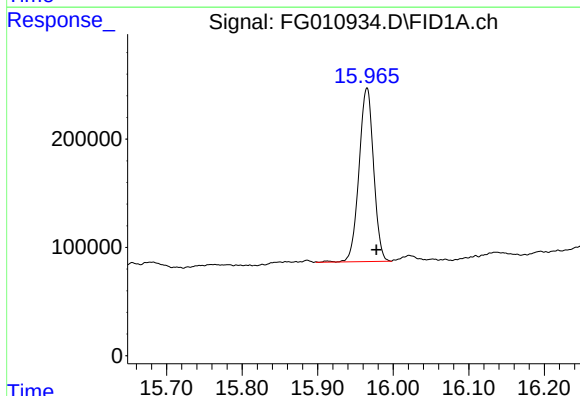
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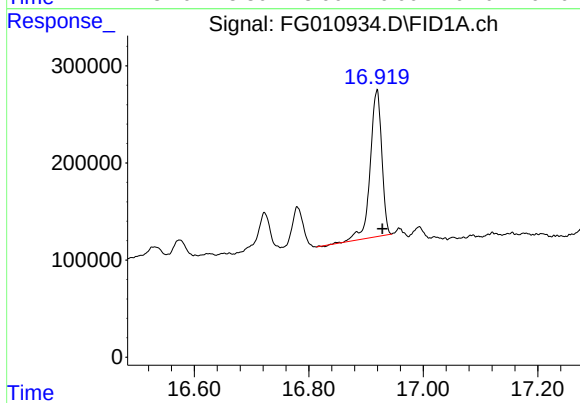
#10 N-TETRACOSANE

R.T.: 14.940 min
Delta R.T.: -0.014 min
Response: 2106004
Conc: 15.29 ug/ml



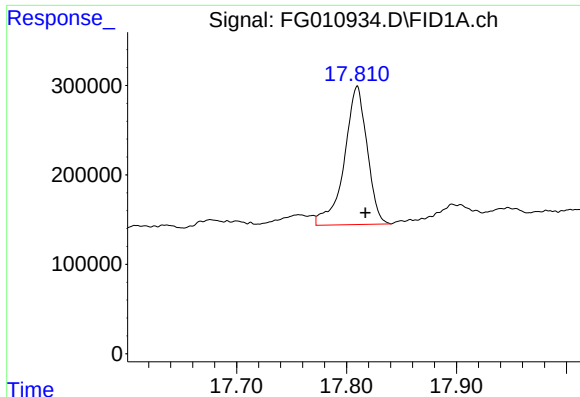
#11 N-HEXACOSANE

R.T.: 15.965 min
Delta R.T.: -0.012 min
Response: 2147440
Conc: 15.92 ug/ml



#12 N-OCTACOSANE

R.T.: 16.919 min
Delta R.T.: -0.009 min
Response: 2108947
Conc: 16.08 ug/ml



#13 N-TRIACONTANE

R.T.: 17.810 min
Delta R.T.: -0.008 min
Response: 2231461
Conc: 17.34 ug/ml

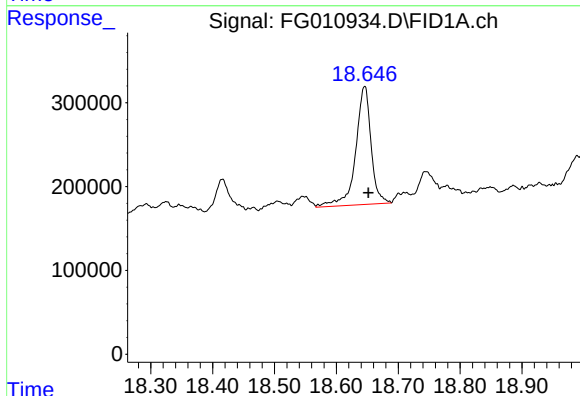
Instrument :

FID_G

ClientSampleId :
WASTEMS

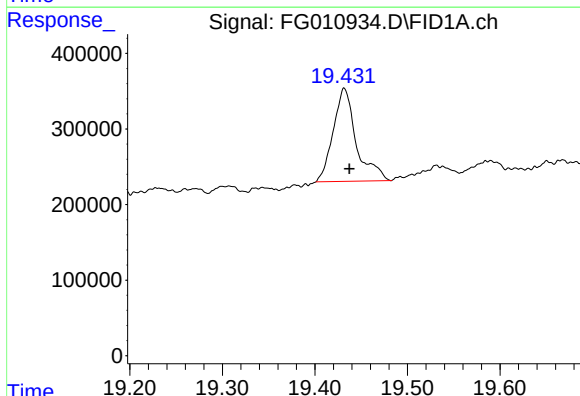
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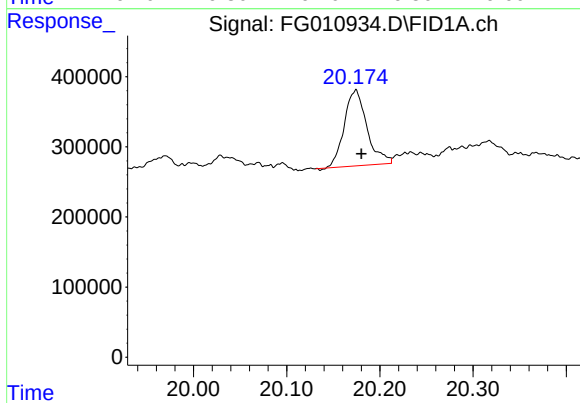
#14 N-DOTRIACONTANE

R.T.: 18.646 min
Delta R.T.: -0.006 min
Response: 2437862
Conc: 19.18 ug/ml



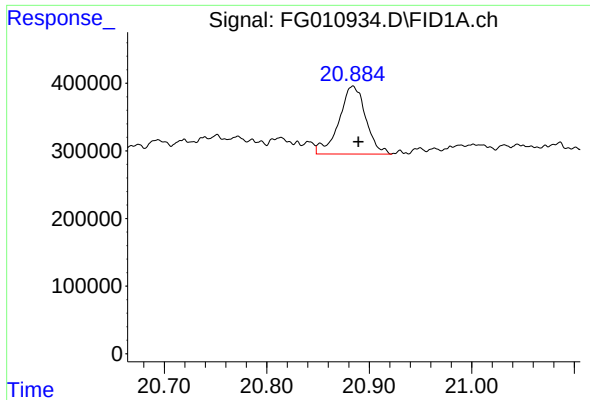
#15 N-TETRATRIACONTANE

R.T.: 19.432 min
Delta R.T.: -0.005 min
Response: 2136117
Conc: 17.02 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.174 min
Delta R.T.: -0.006 min
Response: 1825580
Conc: 15.16 ug/ml



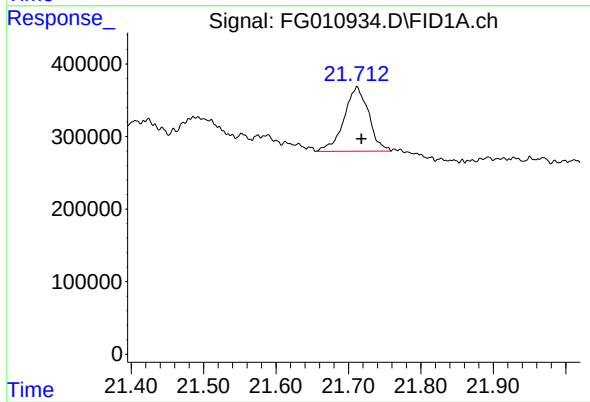
#17 N-OCTATRIACONTANE

R.T.: 20.884 min
Delta R.T.: -0.006 min
Response: 1816325
Conc: 14.78 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.712 min
Delta R.T.: -0.007 min
Response: 2090866
Conc: 16.64 ug/ml m