

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080823\
 Data File : FG012634.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 18:46
 Operator : YP\AJ
 Sample : 03572-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: autoint1.e
 Quant Time: Aug 09 02:25:38 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...	15.079	2595878	23.205 ug/ml
Target Compounds			
1) N-OCTANE	2.082	334948	2.720 ug/ml
2) N-DECANE	4.597	381150	3.000 ug/ml
3) N-DODECANE	6.769	390229	3.038 ug/ml
4) N-TETRADECANE	8.600	393644	3.056 ug/ml
5) N-HEXADECANE	10.213	397243	3.062 ug/ml
6) N-OCTADECANE	11.660	398611	3.039 ug/ml
7) N-EICOSANE	12.974	393898	3.063 ug/ml
8) N-DOCOSANE	14.175	383417	3.032 ug/ml
10) N-TETRACOSANE	15.281	381397	3.016 ug/ml
11) N-HEXACOSANE	16.304	371792	2.970 ug/ml
12) N-OCTACOSANE	17.257	369725	3.008 ug/ml
13) N-TRIACONTANE	18.145	392475	3.314 ug/ml
14) N-DOTRIACONTANE	18.979	396170	3.528 ug/ml
15) N-TETRATRIACONTANE	19.763	349866	3.694 ug/ml
16) N-HEXATRIACONTANE	20.502	278594	3.433 ug/ml
17) N-OCTATRIACONTANE	21.259	236434	3.274 ug/ml
18) N-TETRACONTANE	22.208	219260	3.147 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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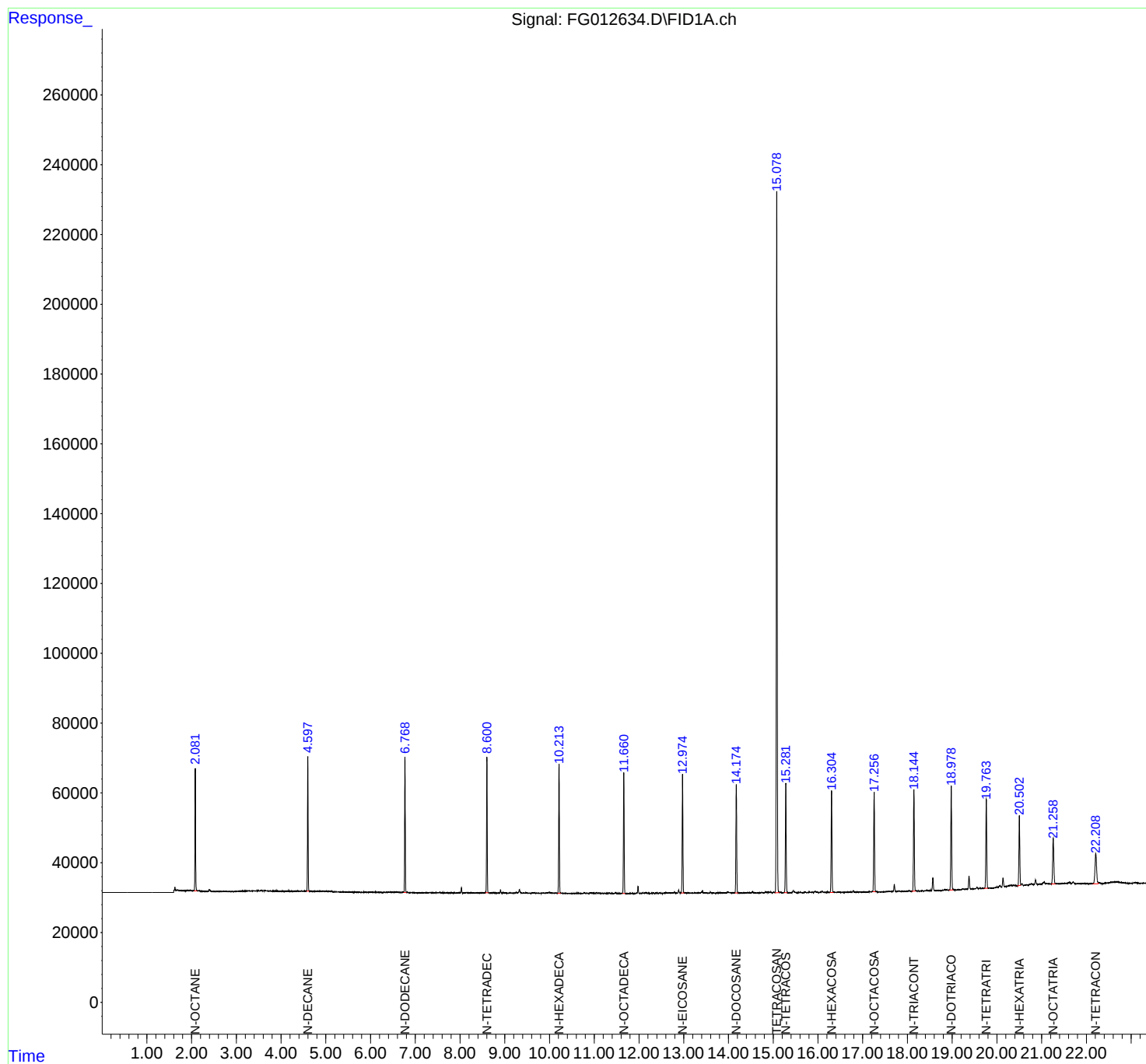
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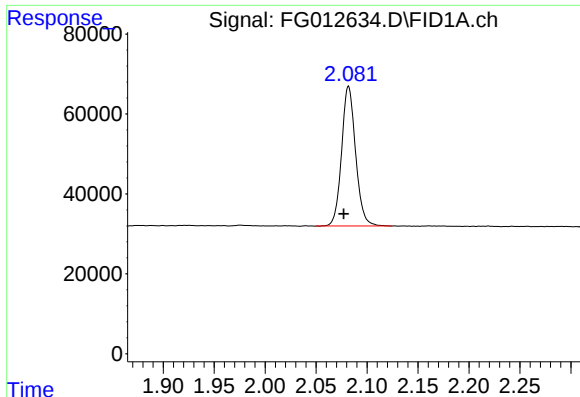
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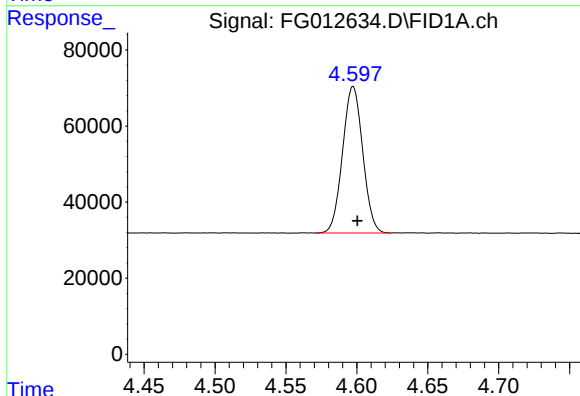
#1 N-OCTANE

R.T.: 2.082 min
Delta R.T.: 0.005 min
Response: 334948
Conc: 2.72 ug/ml

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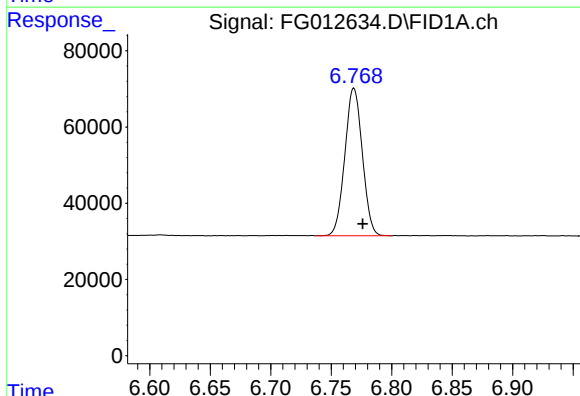
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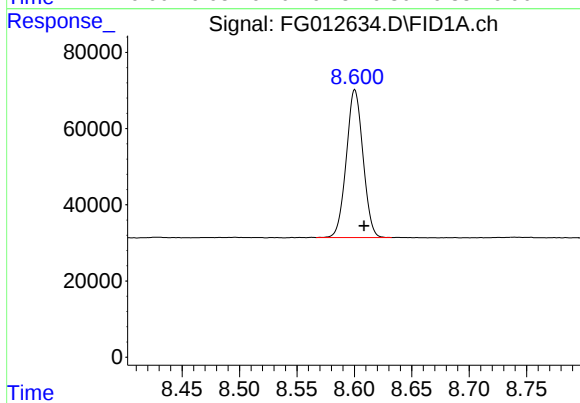
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 381150
Conc: 3.00 ug/ml



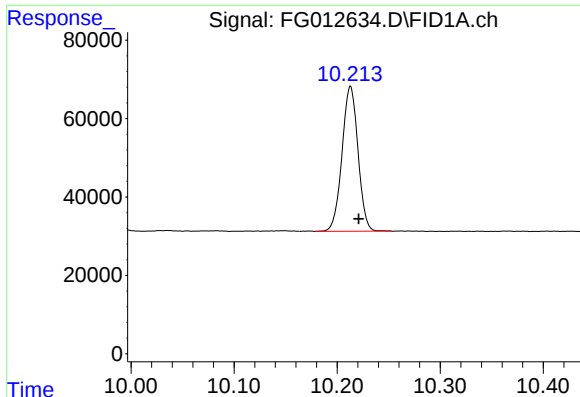
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 390229
Conc: 3.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.600 min
Delta R.T.: -0.008 min
Response: 393644
Conc: 3.06 ug/ml



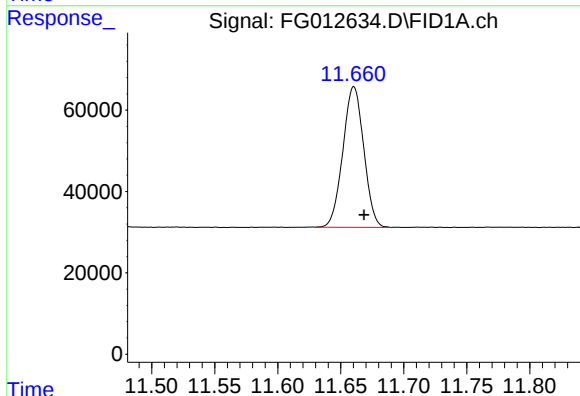
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.008 min
Response: 397243
Conc: 3.06 ug/ml

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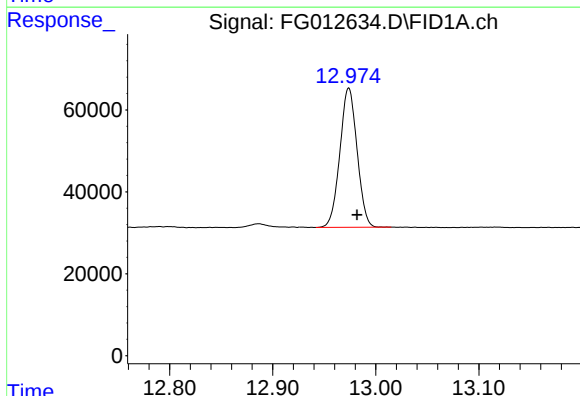
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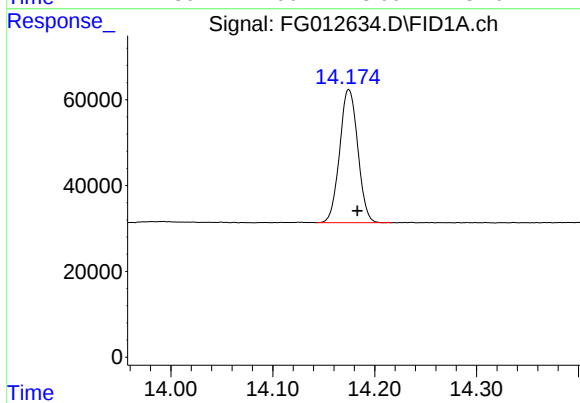
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.008 min
Response: 398611
Conc: 3.04 ug/ml



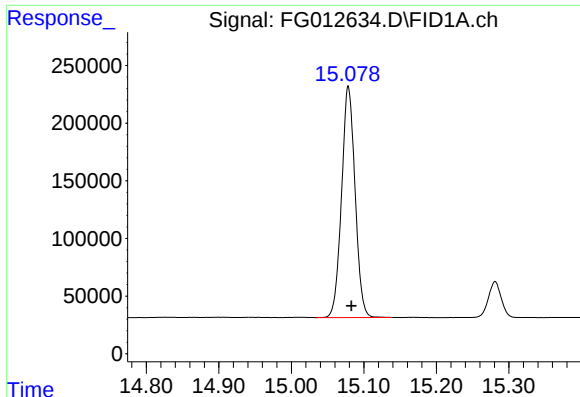
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 393898
Conc: 3.06 ug/ml



#8 N-DOCOSANE

R.T.: 14.175 min
Delta R.T.: -0.008 min
Response: 383417
Conc: 3.03 ug/ml



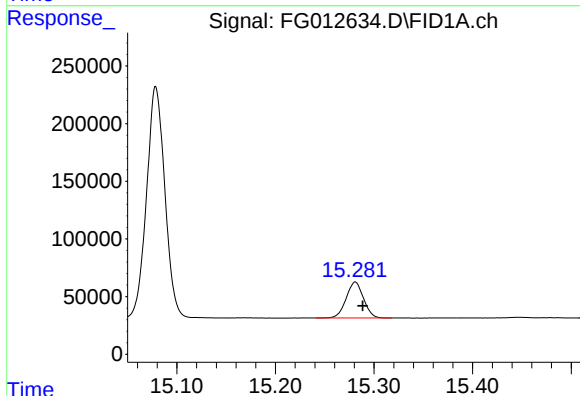
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min
Delta R.T.: -0.004 min
Response: 2595878
Conc: 23.21 ug/ml

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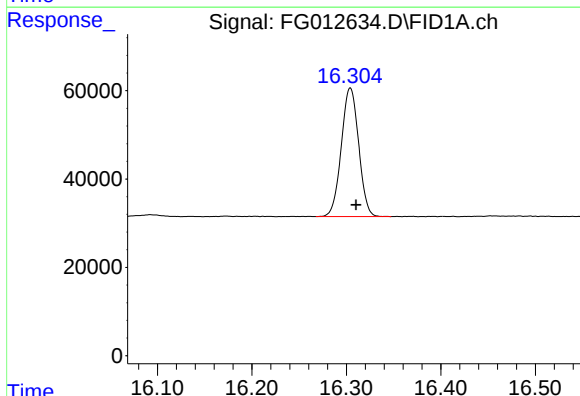
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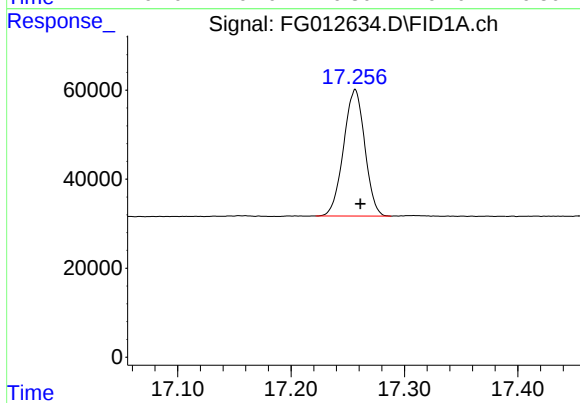
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.008 min
Response: 381397
Conc: 3.02 ug/ml



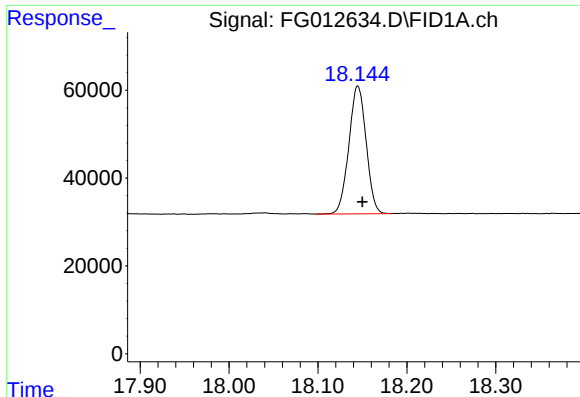
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.006 min
Response: 371792
Conc: 2.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: -0.005 min
Response: 369725
Conc: 3.01 ug/ml



#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.005 min
Response: 392475
Conc: 3.31 ug/ml

Instrument :

FID_G

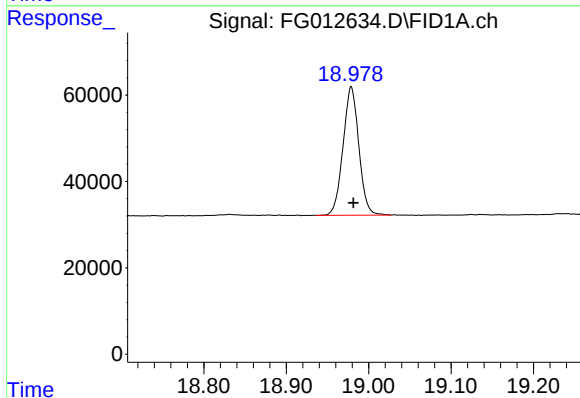
ClientSampleId :

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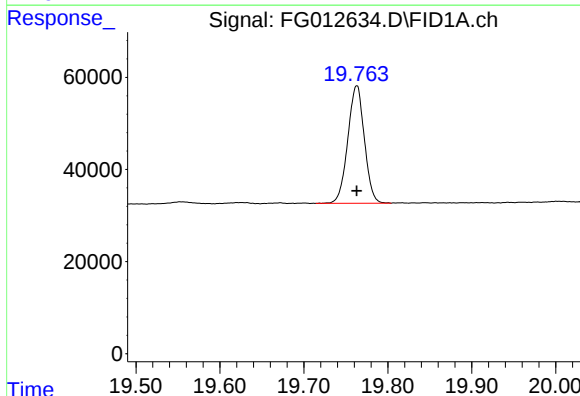
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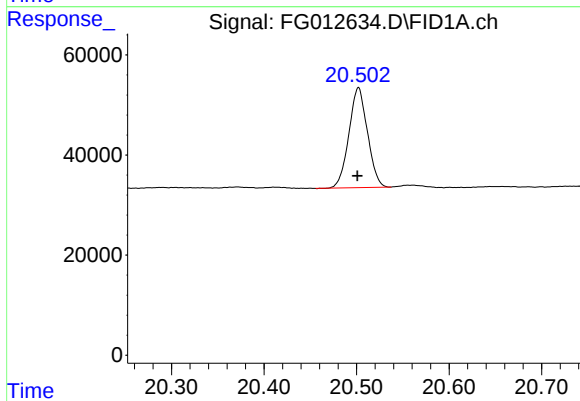
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: -0.003 min
Response: 396170
Conc: 3.53 ug/ml



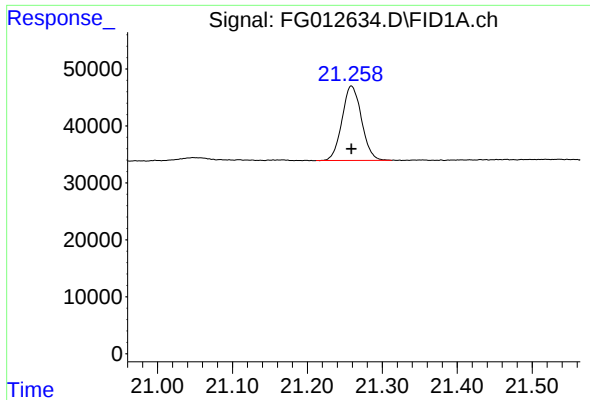
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 349866
Conc: 3.69 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.502 min
Delta R.T.: 0.001 min
Response: 278594
Conc: 3.43 ug/ml



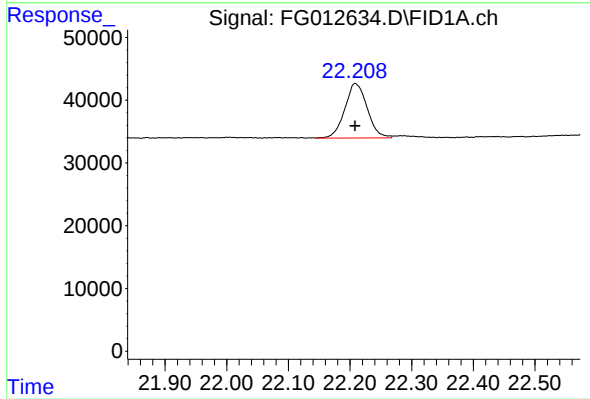
#17 N-OCTATRIACONTANE

R.T.: 21.259 min
Delta R.T.: 0.000 min
Response: 236434
Conc: 3.27 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.208 min
Delta R.T.: 0.000 min
Response: 219260
Conc: 3.15 ug/ml m