

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080823\
 Data File : FG012631.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 17:17
 Operator : YP\AJ
 Sample : 03572-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-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 02:23:43 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...	15.078	2483813	22.203 ug/ml
Target Compounds			
1) N-OCTANE	2.080	612836	4.978 ug/ml
2) N-DECANE	4.596	688174	5.417 ug/ml
3) N-DODECANE	6.769	703130	5.474 ug/ml
4) N-TETRADECANE	8.600	712572	5.531 ug/ml
5) N-HEXADECANE	10.213	720076	5.551 ug/ml
6) N-OCTADECANE	11.660	722559	5.509 ug/ml
7) N-EICOSANE	12.974	714497	5.555 ug/ml
8) N-DOCOSANE	14.175	697198	5.513 ug/ml
10) N-TETRACOSANE	15.281	691163	5.465 ug/ml
11) N-HEXACOSANE	16.304	676629	5.405 ug/ml
12) N-OCTACOSANE	17.257	675930	5.500 ug/ml
13) N-TRIACONTANE	18.146	715001	6.037 ug/ml
14) N-DOTRIACONTANE	18.979	725959	6.464 ug/ml
15) N-TETRATRIACONTANE	19.763	631178	6.663 ug/ml
16) N-HEXATRIACONTANE	20.503	502091	6.187 ug/ml
17) N-OCTATRIACONTANE	21.260	432312	5.987 ug/ml
18) N-TETRACONTANE	22.212	400399	5.746 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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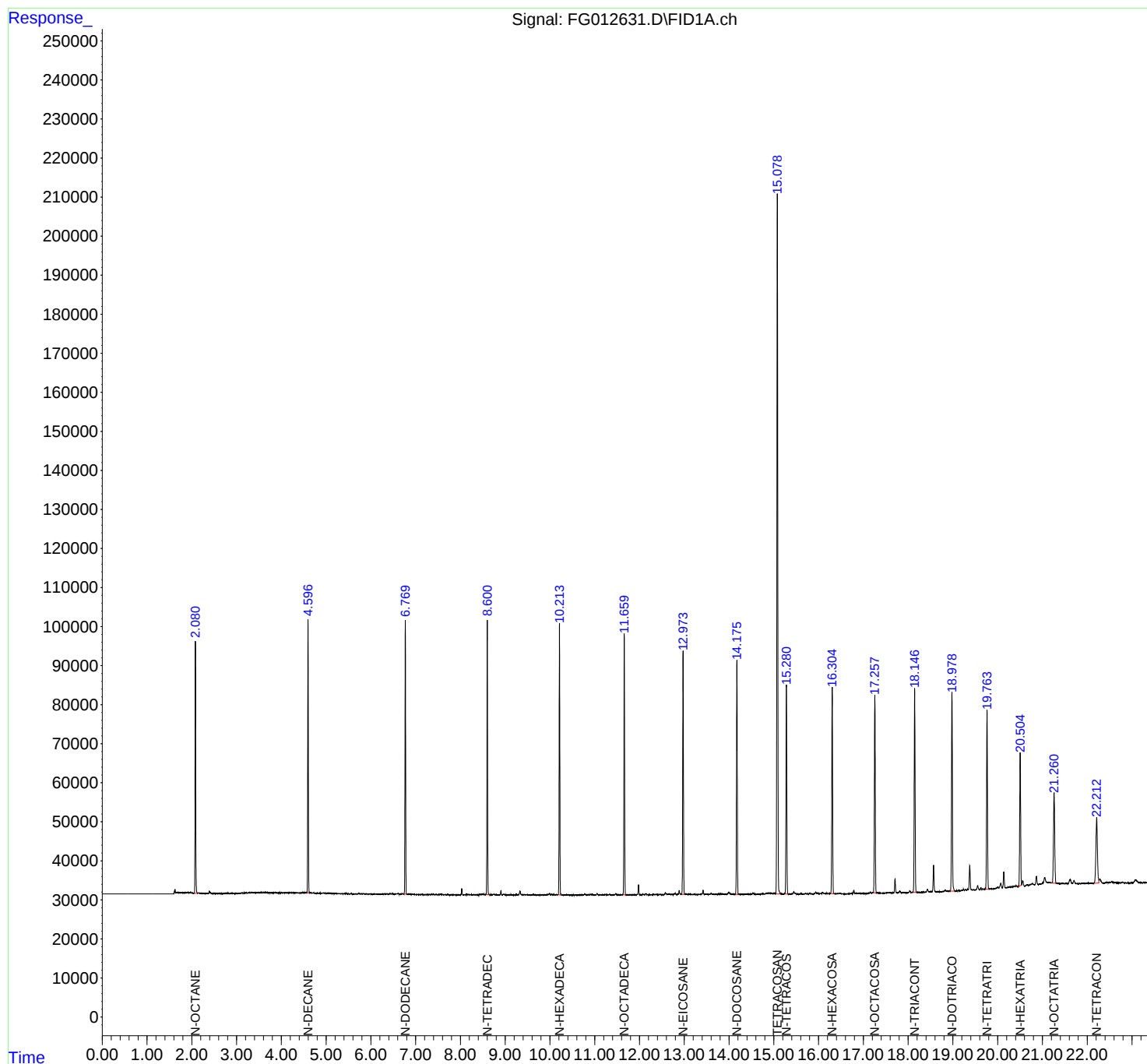
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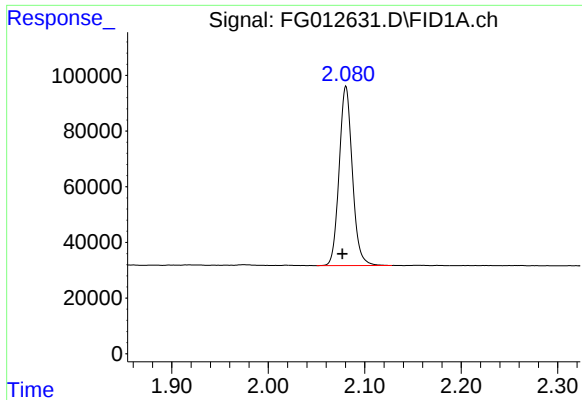
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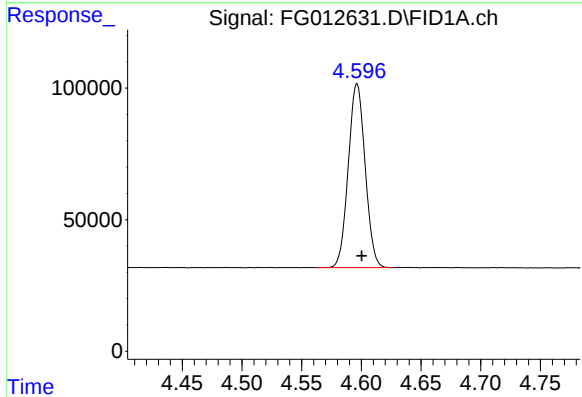
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.003 min
Response: 612836
Conc: 4.98 ug/ml

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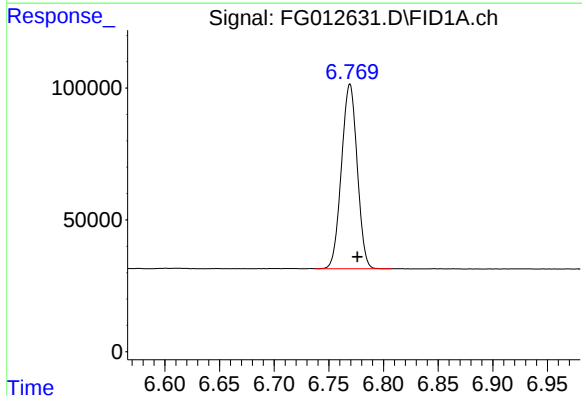
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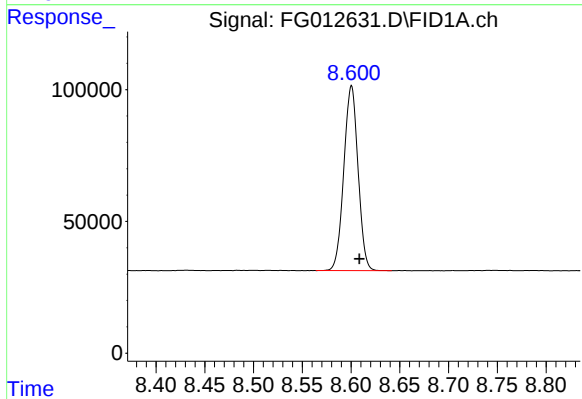
#2 N-DECANE

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 688174
Conc: 5.42 ug/ml



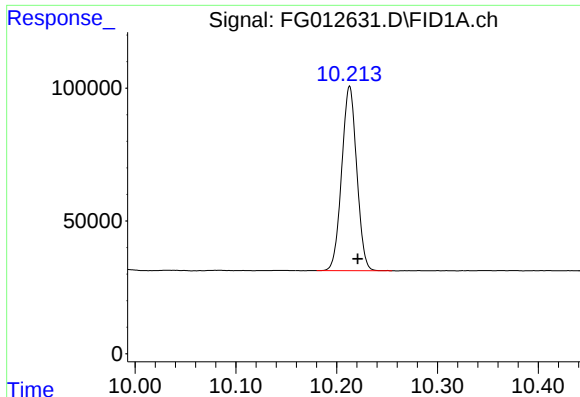
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 703130
Conc: 5.47 ug/ml



#4 N-TETRADECANE

R.T.: 8.600 min
Delta R.T.: -0.008 min
Response: 712572
Conc: 5.53 ug/ml



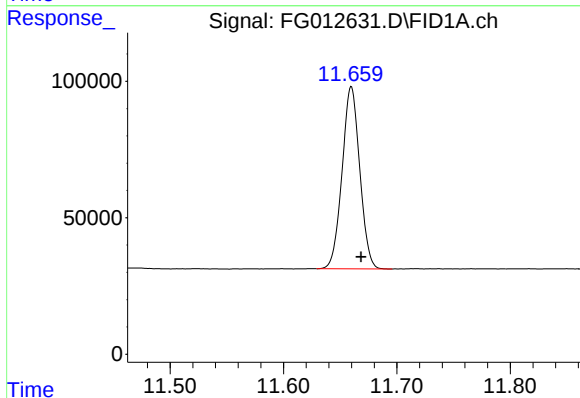
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.008 min
Response: 720076
Conc: 5.55 ug/ml

Instrument :
FID_G
ClientSampleId :
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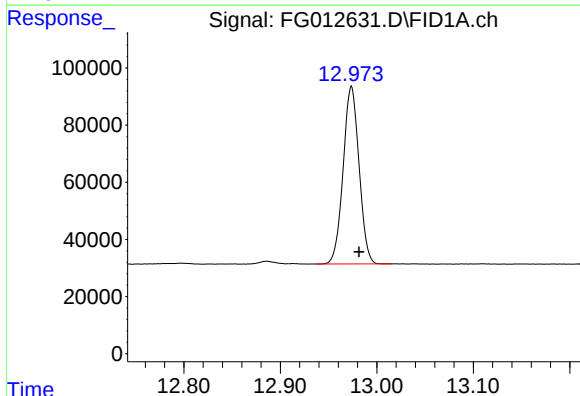
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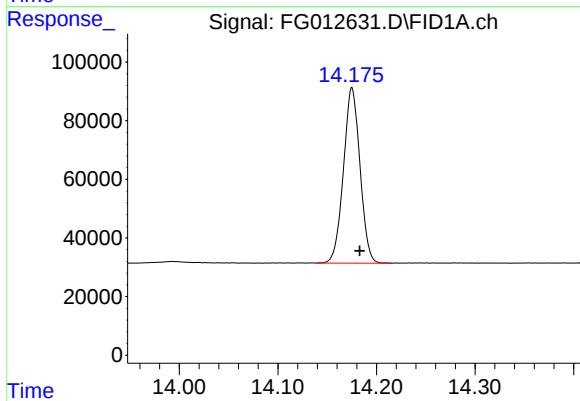
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.009 min
Response: 722559
Conc: 5.51 ug/ml



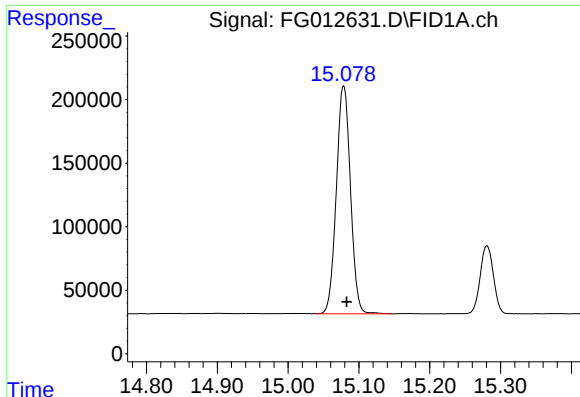
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 714497
Conc: 5.56 ug/ml



#8 N-DOCOSANE

R.T.: 14.175 min
Delta R.T.: -0.008 min
Response: 697198
Conc: 5.51 ug/ml



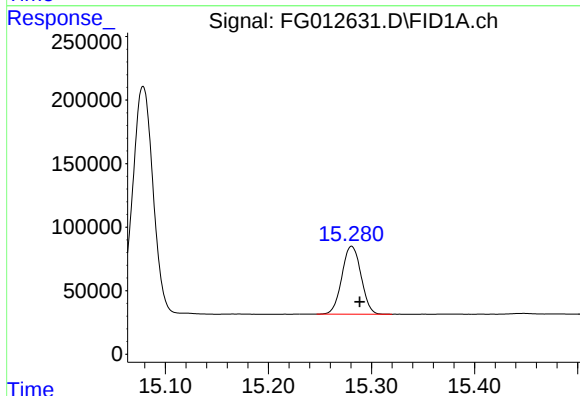
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.078 min
Delta R.T.: -0.004 min
Response: 2483813
Conc: 22.20 ug/ml

Instrument : FID_G
ClientSampleId : LOQ-SOIL-05-QT3-2023

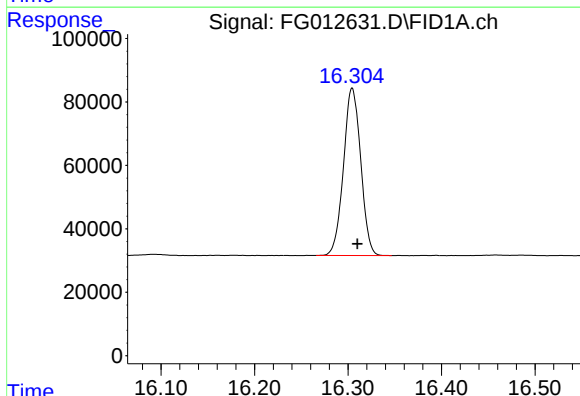
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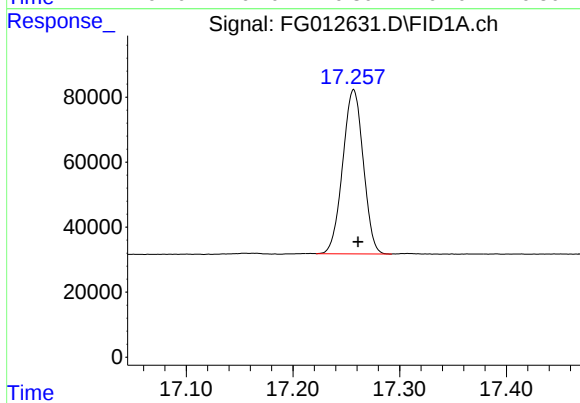
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.008 min
Response: 691163
Conc: 5.47 ug/ml



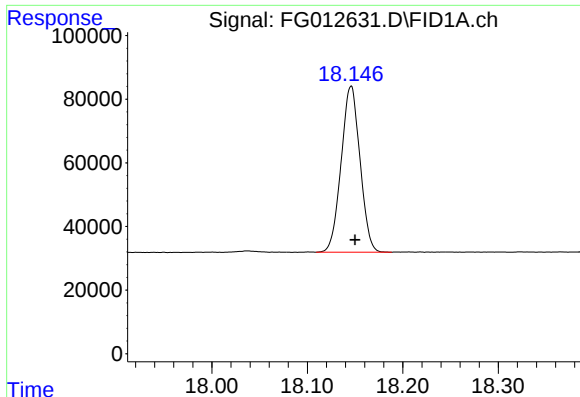
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.006 min
Response: 676629
Conc: 5.41 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: -0.004 min
Response: 675930
Conc: 5.50 ug/ml



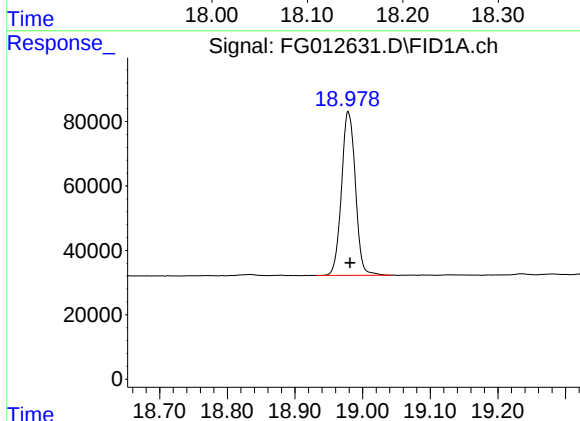
#13 N-TRIACONTANE

R.T.: 18.146 min
Delta R.T.: -0.004 min
Response: 715001
Conc: 6.04 ug/ml

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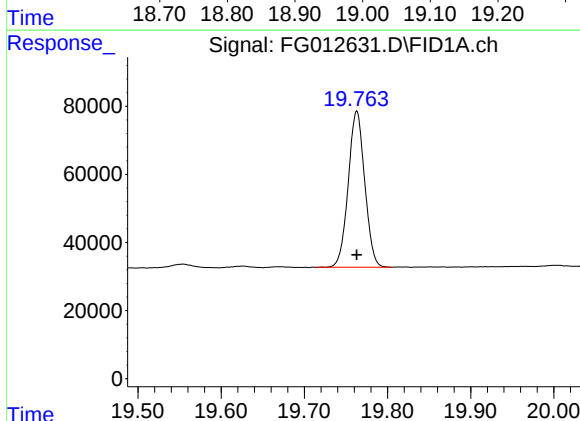
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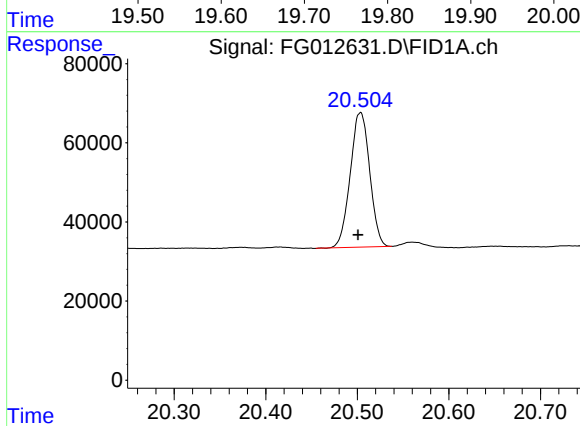
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: -0.003 min
Response: 725959
Conc: 6.46 ug/ml



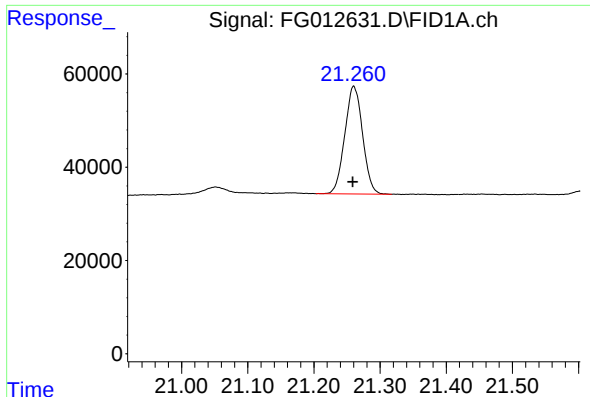
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 631178
Conc: 6.66 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: 0.002 min
Response: 502091
Conc: 6.19 ug/ml



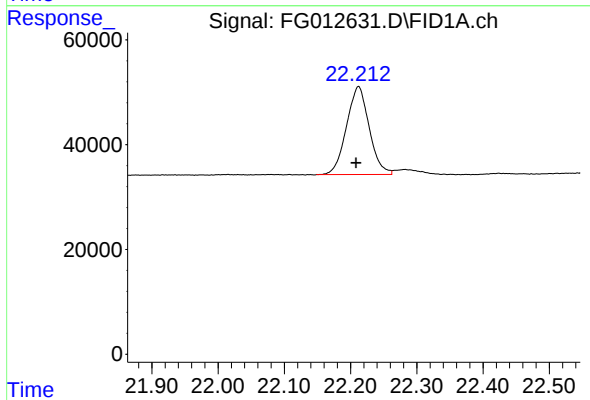
#17 N-OCTATRIACONTANE

R.T.: 21.260 min
Delta R.T.: 0.001 min
Response: 432312
Conc: 5.99 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.212 min
Delta R.T.: 0.004 min
Response: 400399
Conc: 5.75 ug/ml m