

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080823\
 Data File : FG012630.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 16:47
 Operator : YP\AJ
 Sample : 03572-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-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 02:23:03 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	2561018	22.894 ug/ml
Target Compounds			
1) N-OCTANE	2.082	334602	2.718 ug/ml
2) N-DECANE	4.597	380244	2.993 ug/ml
3) N-DODECANE	6.769	387560	3.017 ug/ml
4) N-TETRADECANE	8.601	392562	3.047 ug/ml
5) N-HEXADECANE	10.213	393166	3.031 ug/ml
6) N-OCTADECANE	11.660	394384	3.007 ug/ml
7) N-EICOSANE	12.974	388859	3.023 ug/ml
8) N-DOCOSANE	14.176	377871	2.988 ug/ml
10) N-TETRACOSANE	15.282	376398	2.976 ug/ml
11) N-HEXACOSANE	16.305	365002	2.916 ug/ml
12) N-OCTACOSANE	17.257	368015	2.994 ug/ml
13) N-TRIACONTANE	18.145	397129	3.353 ug/ml
14) N-DOTRIACONTANE	18.978	405879	3.614 ug/ml
15) N-TETRATRIACONTANE	19.763	354784	3.745 ug/ml
16) N-HEXATRIACONTANE	20.501	282104	3.476 ug/ml
17) N-OCTATRIACONTANE	21.259	239105	3.311 ug/ml
18) N-TETRACONTANE	22.208	222238	3.190 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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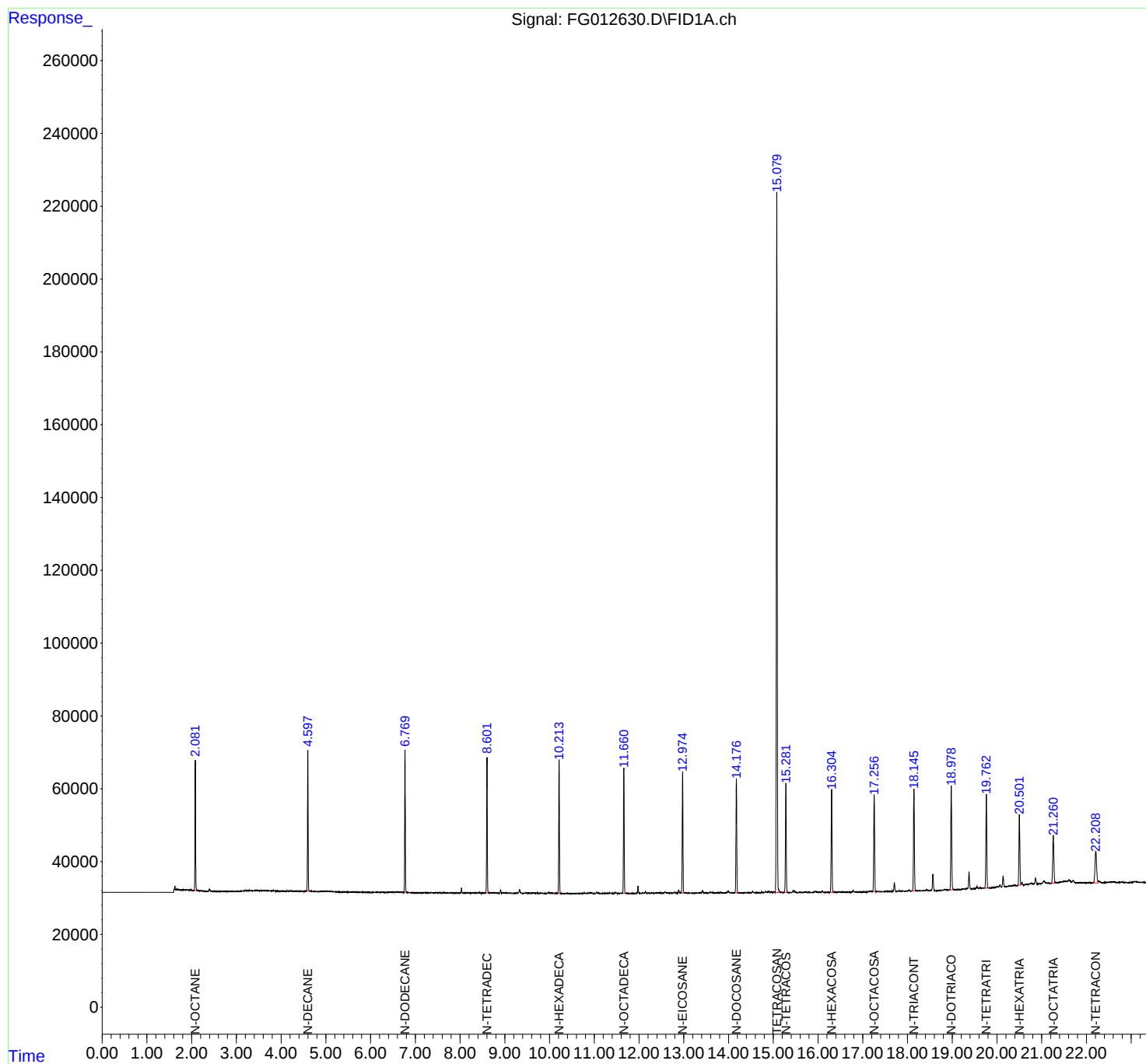
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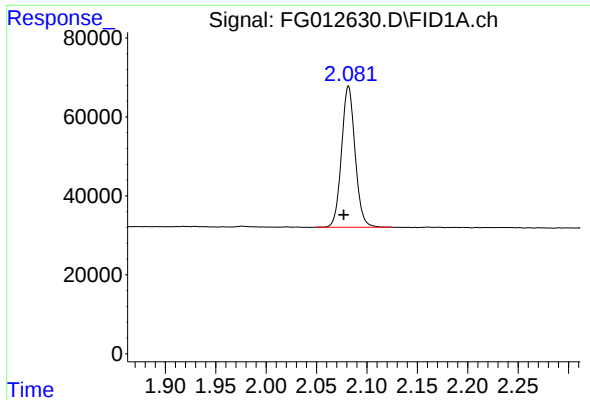
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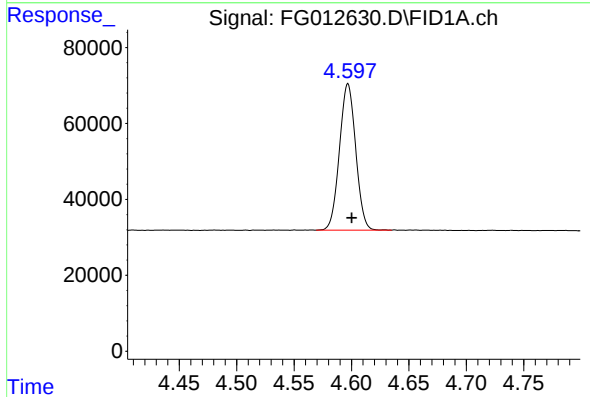
#1 N-OCTANE

R.T.: 2.082 min
Delta R.T.: 0.005 min
Response: 334602
Conc: 2.72 ug/ml

Instrument : FID_G
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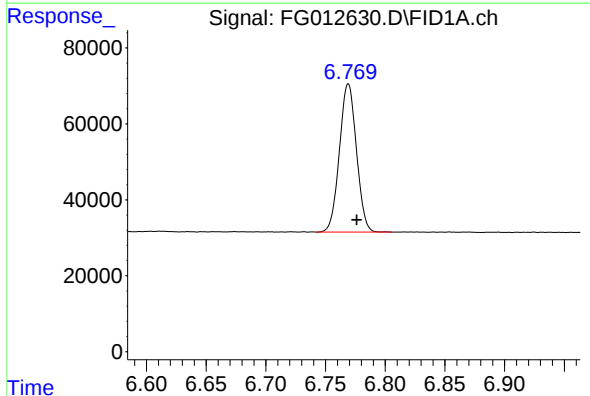
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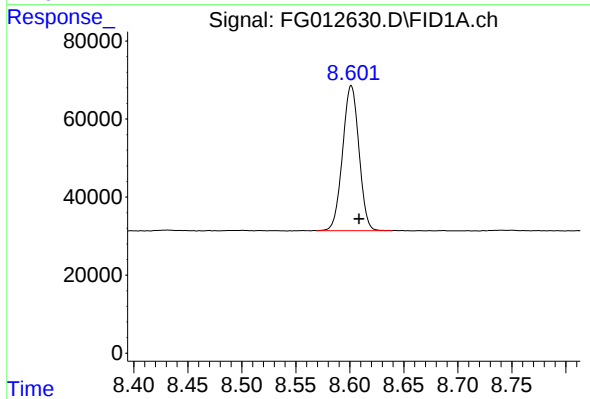
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 380244
Conc: 2.99 ug/ml



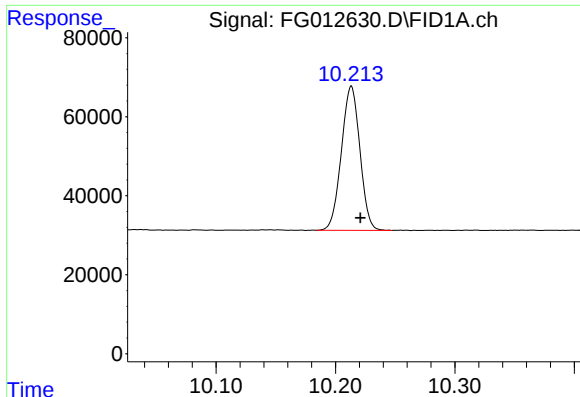
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 387560
Conc: 3.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.007 min
Response: 392562
Conc: 3.05 ug/ml



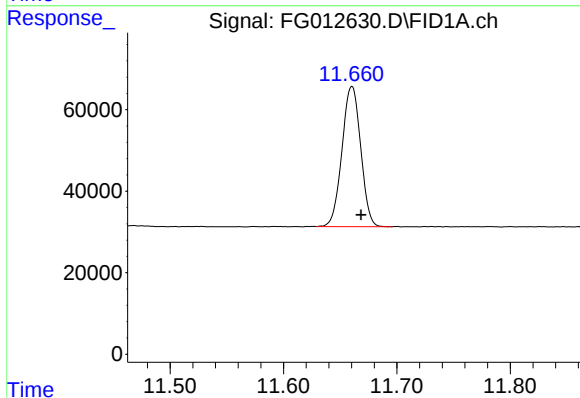
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.008 min
Response: 393166
Conc: 3.03 ug/ml

Instrument : FID_G
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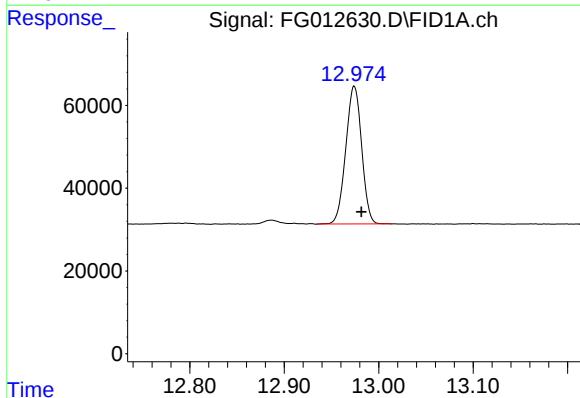
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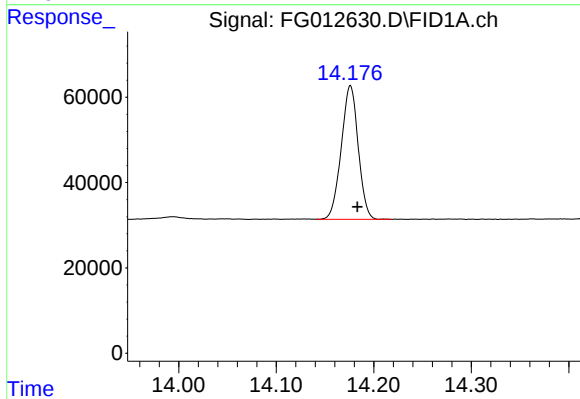
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.008 min
Response: 394384
Conc: 3.01 ug/ml



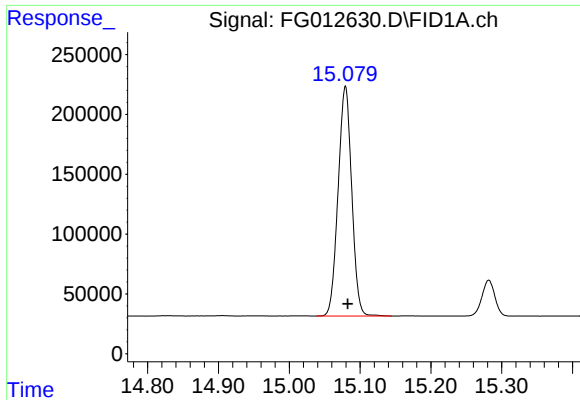
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.007 min
Response: 388859
Conc: 3.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: -0.007 min
Response: 377871
Conc: 2.99 ug/ml



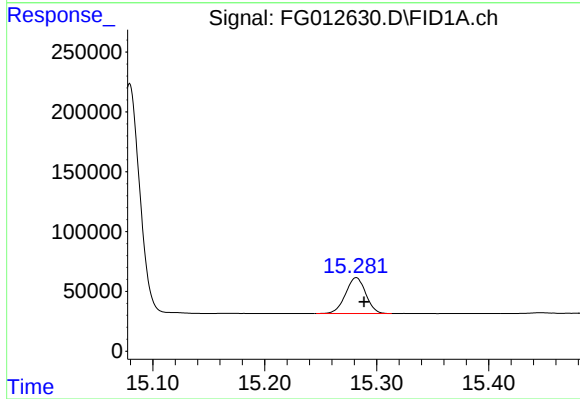
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min
Delta R.T.: -0.003 min
Response: 2561018
Conc: 22.89 ug/ml

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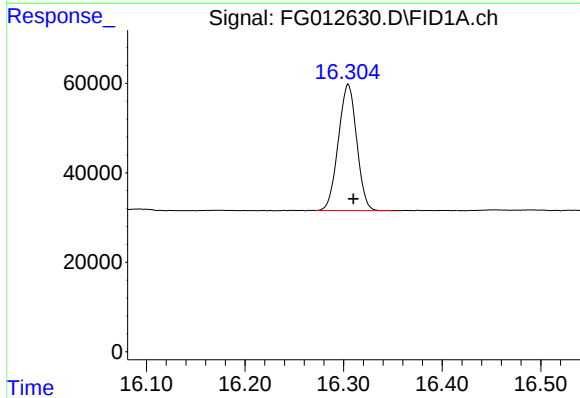
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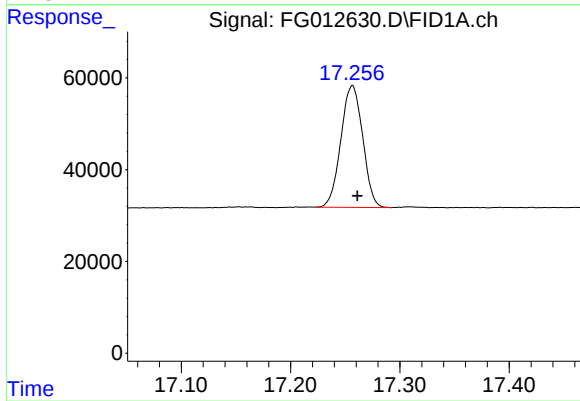
#10 N-TETRACOSANE

R.T.: 15.282 min
Delta R.T.: -0.007 min
Response: 376398
Conc: 2.98 ug/ml



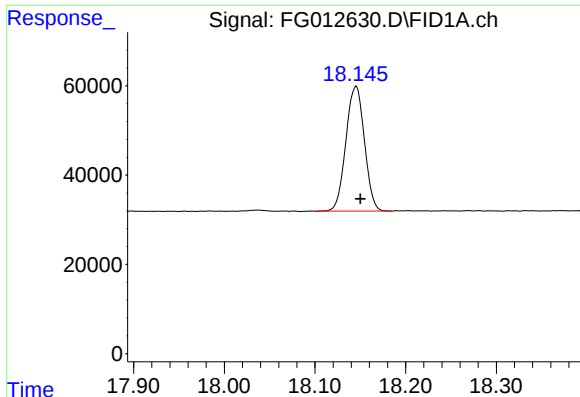
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.005 min
Response: 365002
Conc: 2.92 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: -0.005 min
Response: 368015
Conc: 2.99 ug/ml



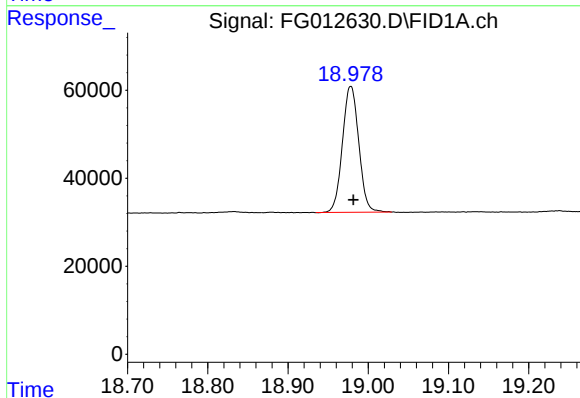
#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.005 min
Response: 397129
Conc: 3.35 ug/ml

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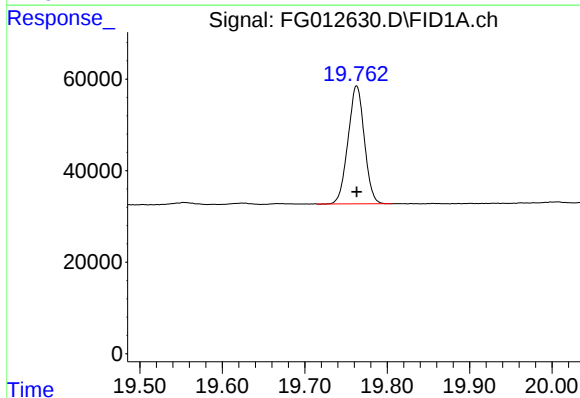
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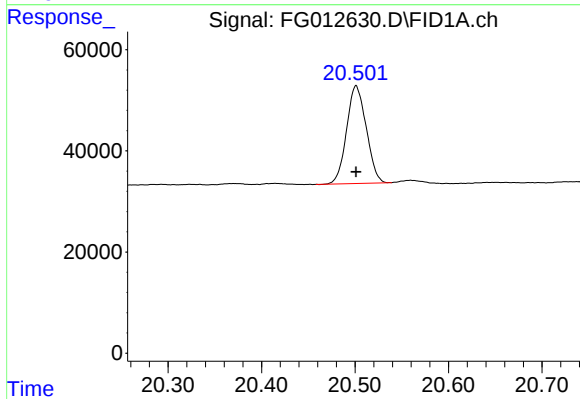
#14 N-DOTRIACONTANE

R.T.: 18.978 min
Delta R.T.: -0.003 min
Response: 405879
Conc: 3.61 ug/ml



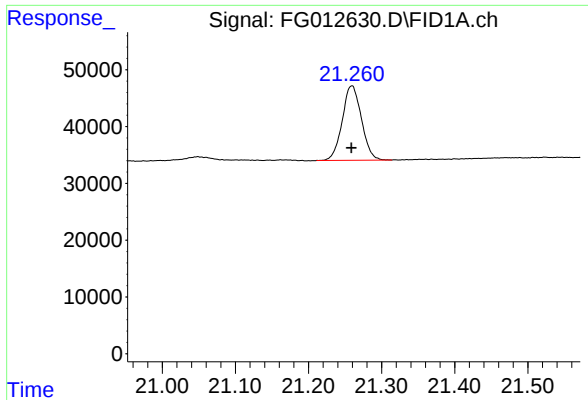
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 354784
Conc: 3.75 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.501 min
Delta R.T.: 0.000 min
Response: 282104
Conc: 3.48 ug/ml



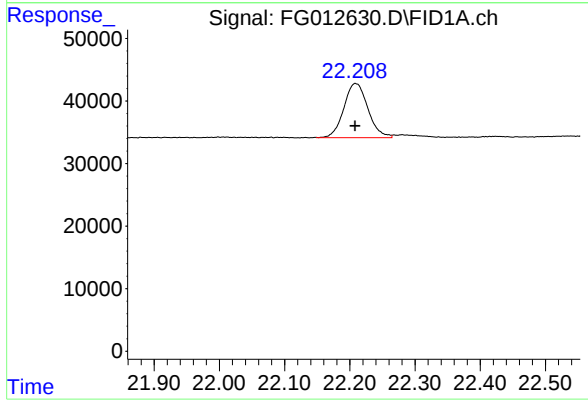
#17 N-OCTATRIACONTANE

R.T.: 21.259 min
Delta R.T.: 0.000 min
Response: 239105
Conc: 3.31 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.208 min
Delta R.T.: 0.000 min
Response: 222238
Conc: 3.19 ug/ml m