

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080923\
 Data File : FG012654.D
 Signal(s) : FID1A.ch
 Acq On : 09 Aug 2023 19:46
 Operator : YP\AJ
 Sample : 03572-12
 Misc : TPH GC MDL 1 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :Ankita Jodhani 08/10/2023

Integration File: autoint1.e
 Quant Time: Aug 09 23:58:17 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	2209850	19.754 ug/ml
Target Compounds			
1) N-OCTANE	2.083	119467	0.970 ug/ml
2) N-DECANE	4.598	134328	1.057 ug/ml
3) N-DODECANE	6.769	137899	1.074 ug/ml
4) N-TETRADECANE	8.601	140551	1.091 ug/ml
5) N-HEXADECANE	10.214	137804	1.062 ug/ml
6) N-OCTADECANE	11.660	139098	1.061 ug/ml
7) N-EICOSANE	12.975	136556	1.062 ug/ml
8) N-DOCOSANE	14.176	134320	1.062 ug/ml
10) N-TETRACOSANE	15.282	133938	1.059 ug/ml
11) N-HEXACOSANE	16.305	129289	1.033 ug/ml
12) N-OCTACOSANE	17.256	130477	1.062 ug/ml
13) N-TRIACONTANE	18.145	140614	1.187 ug/ml
14) N-DOTRIACONTANE	18.978	152217	1.355 ug/mlm
15) N-TETRATRIACONTANE	19.761	125361	1.323 ug/ml
16) N-HEXATRIACONTANE	20.503	103122	1.271 ug/mlm
17) N-OCTATRIACONTANE	21.261	78431	1.086 ug/ml
18) N-TETRACONTANE	22.209	70904	1.018 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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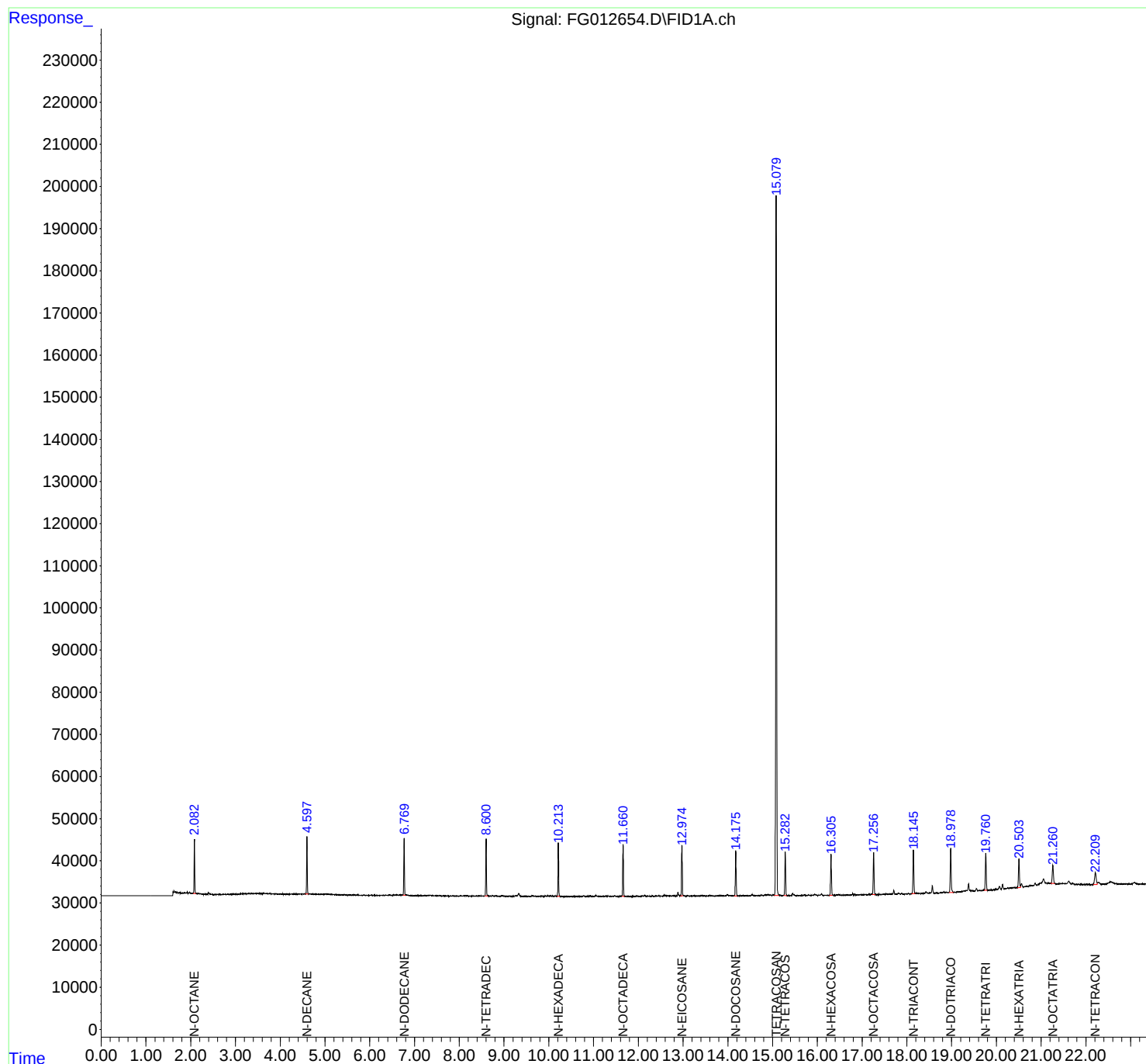
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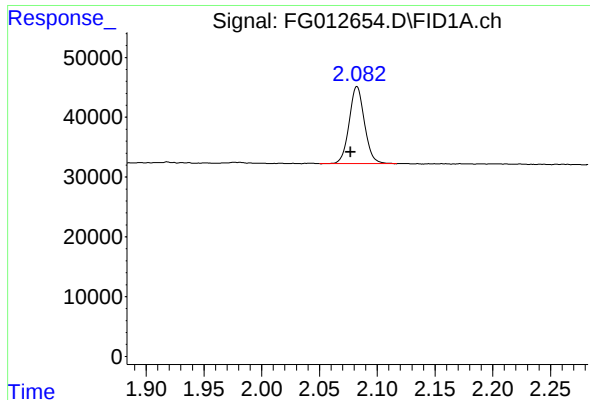
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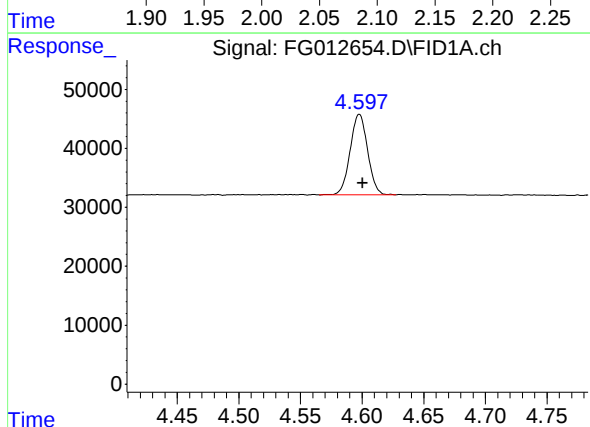
#1 N-OCTANE

R.T.: 2.083 min
Delta R.T.: 0.006 min
Response: 119467
Conc: 0.97 ug/ml

Instrument :
FID_G
ClientSampleId :
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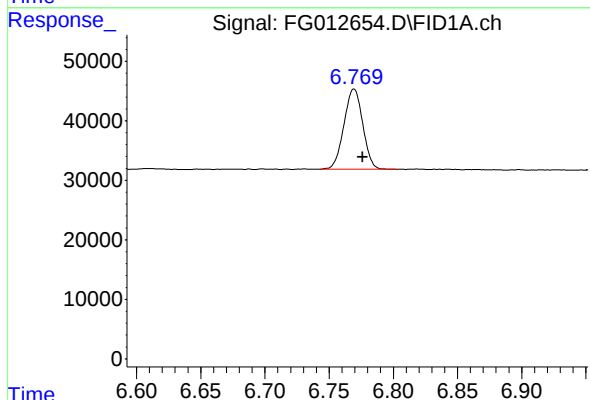
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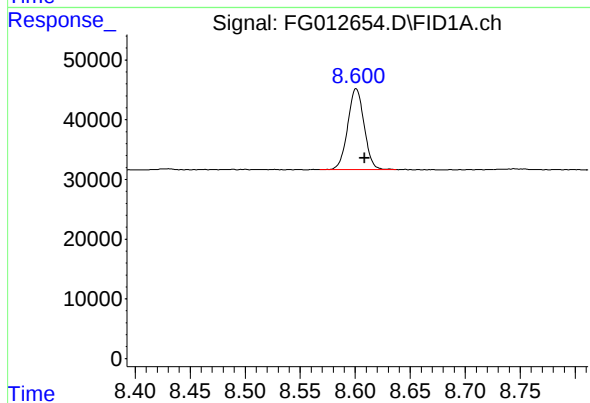
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 134328
Conc: 1.06 ug/ml



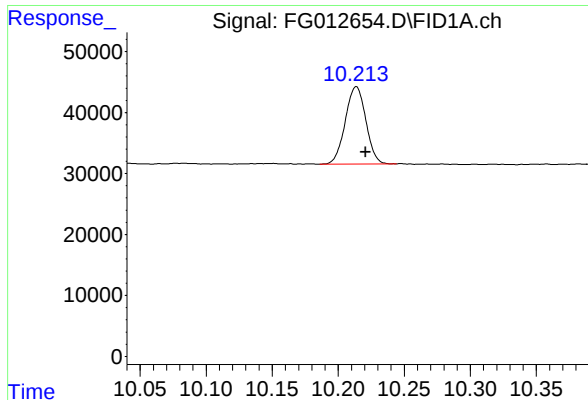
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 137899
Conc: 1.07 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.008 min
Response: 140551
Conc: 1.09 ug/ml



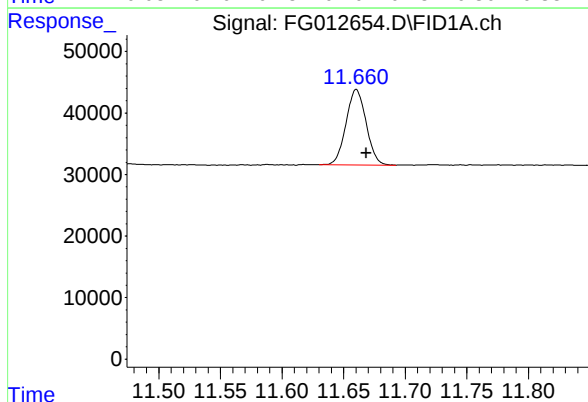
#5 N-HEXADECANE

R.T.: 10.214 min
Delta R.T.: -0.007 min
Response: 137804
Conc: 1.06 ug/ml

Instrument :
FID_G
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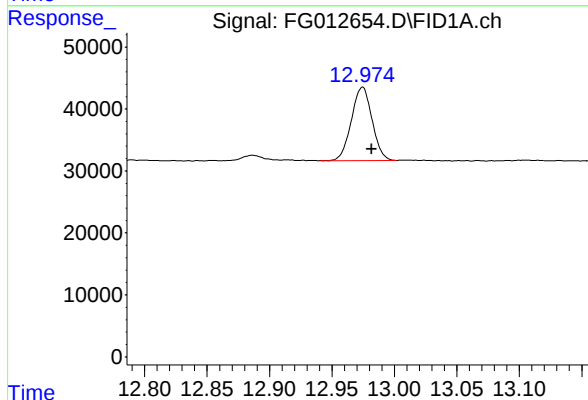
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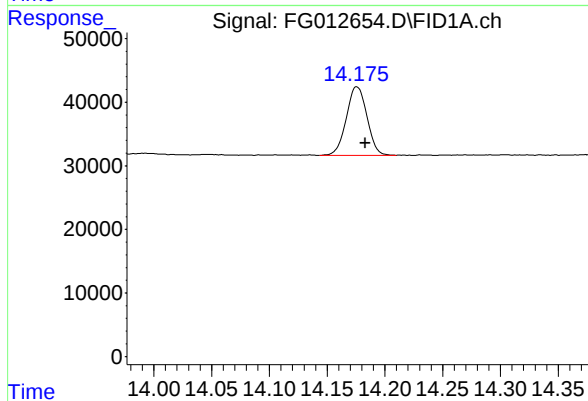
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.008 min
Response: 139098
Conc: 1.06 ug/ml



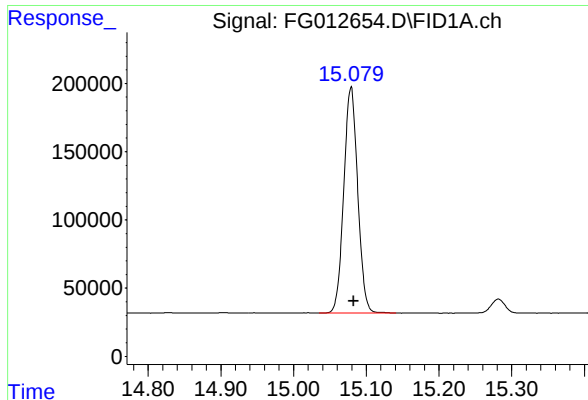
#7 N-EICOSANE

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 136556
Conc: 1.06 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: -0.007 min
Response: 134320
Conc: 1.06 ug/ml



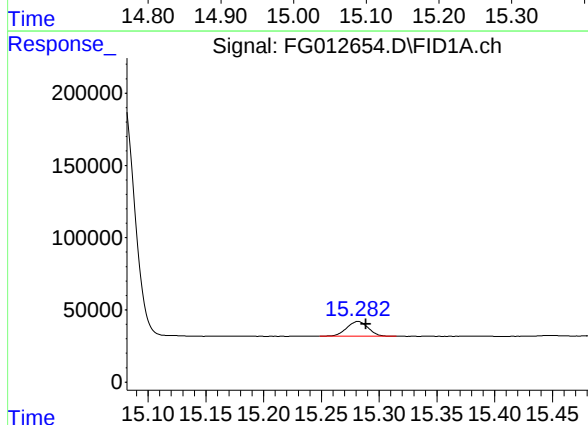
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.079 min
Delta R.T.: -0.004 min
Response: 2209850
Conc: 19.75 ug/ml

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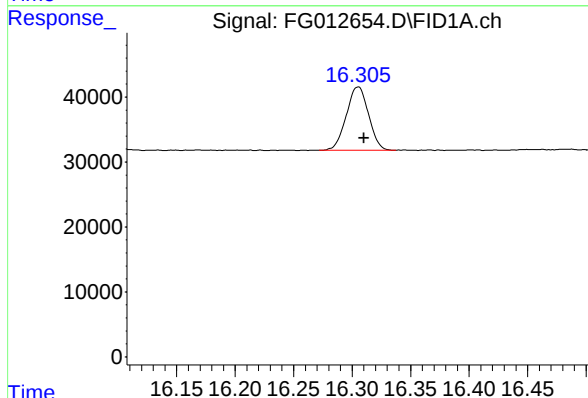
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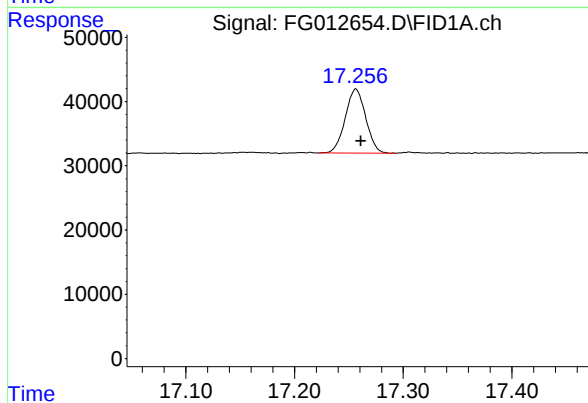
#10 N-TETRACOSANE

R.T.: 15.282 min
Delta R.T.: -0.007 min
Response: 133938
Conc: 1.06 ug/ml



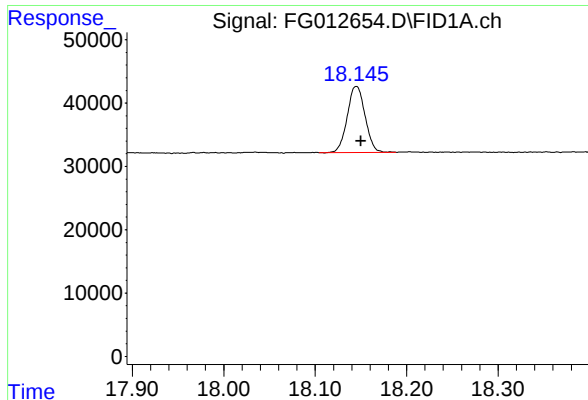
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.005 min
Response: 129289
Conc: 1.03 ug/ml



#12 N-OCTACOSANE

R.T.: 17.256 min
Delta R.T.: -0.005 min
Response: 130477
Conc: 1.06 ug/ml



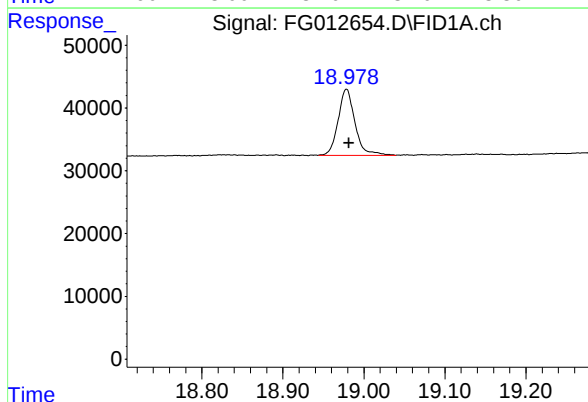
#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.005 min
Response: 140614
Conc: 1.19 ug/ml

Instrument :
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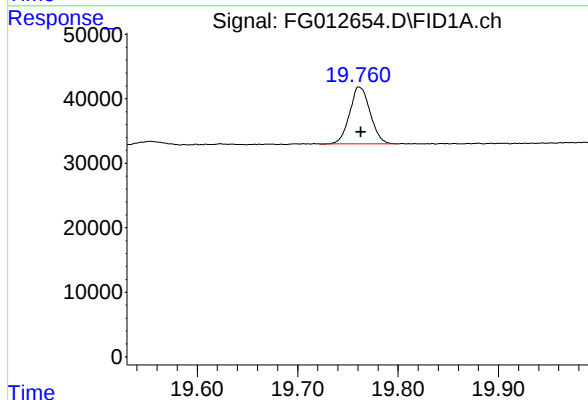
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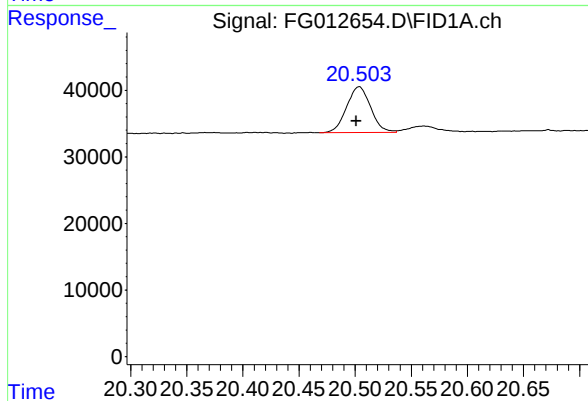
#14 N-DOTRIACONTANE

R.T.: 18.978 min
Delta R.T.: -0.003 min
Response: 152217
Conc: 1.36 ug/ml m



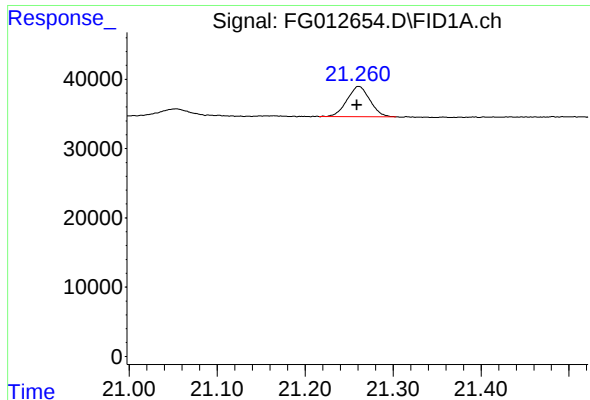
#15 N-TETRATRIACONTANE

R.T.: 19.761 min
Delta R.T.: -0.002 min
Response: 125361
Conc: 1.32 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: 0.002 min
Response: 103122
Conc: 1.27 ug/ml m



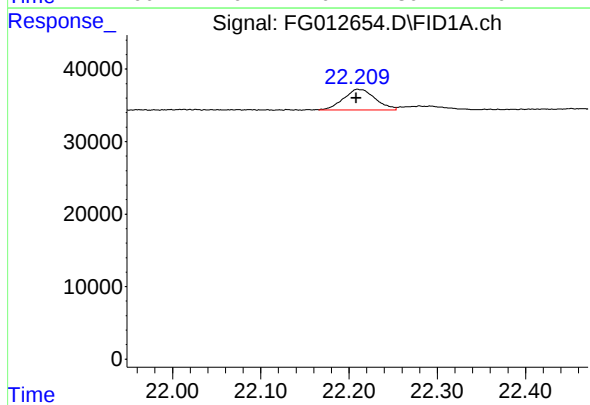
#17 N-OCTATRIACONTANE

R.T.: 21.261 min
Delta R.T.: 0.002 min
Response: 78431
Conc: 1.09 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 70904
Conc: 1.02 ug/ml m