

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
 Data File : FG016339.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2025 14:22
 Operator : YP\AJ
 Sample : Q2592-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-SOIL-20250711MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2025
 Supervised By :mohammad ahmed 07/23/2025

Integration File: autoint1.e
 Quant Time: Jul 19 05:43:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 2025
 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...	15.213	1451326	14.515 ug/mlm
Target Compounds			
1) N-OCTANE	2.116	1068257	9.460 ug/ml
2) N-DECANE	4.668	1635891	14.204 ug/ml
3) N-DODECANE	6.851	1901051	16.397 ug/ml
4) N-TETRADECANE	8.693	2006184	16.997 ug/ml
5) N-HEXADECANE	10.313	2001209	17.302 ug/ml
6) N-OCTADECANE	11.770	2104139	17.926 ug/ml
7) N-EICOSANE	13.095	2329122	19.469 ug/mlm
8) N-DOCOSANE	14.303	2190672	19.010 ug/mlm
10) N-TETRACOSANE	15.416	4494603	39.339 ug/mlm
11) N-HEXACOSANE	16.452	1988004	18.066 ug/mlm
12) N-OCTACOSANE	17.410	3713536	34.148 ug/mlm
13) N-TRIACONTANE	18.309	3017222	28.235 ug/mlm
14) N-DOTRIACONTANE	19.150	3404926	33.672 ug/ml
15) N-TETRATRIACONTANE	19.941	2280585	25.065 ug/ml
16) N-HEXATRIACONTANE	20.691	1907661	25.331 ug/mlm
17) N-OCTATRIACONTANE	21.486	1730529	26.590 ug/mlm
18) N-TETRACONTANE	22.506	1994449	34.605 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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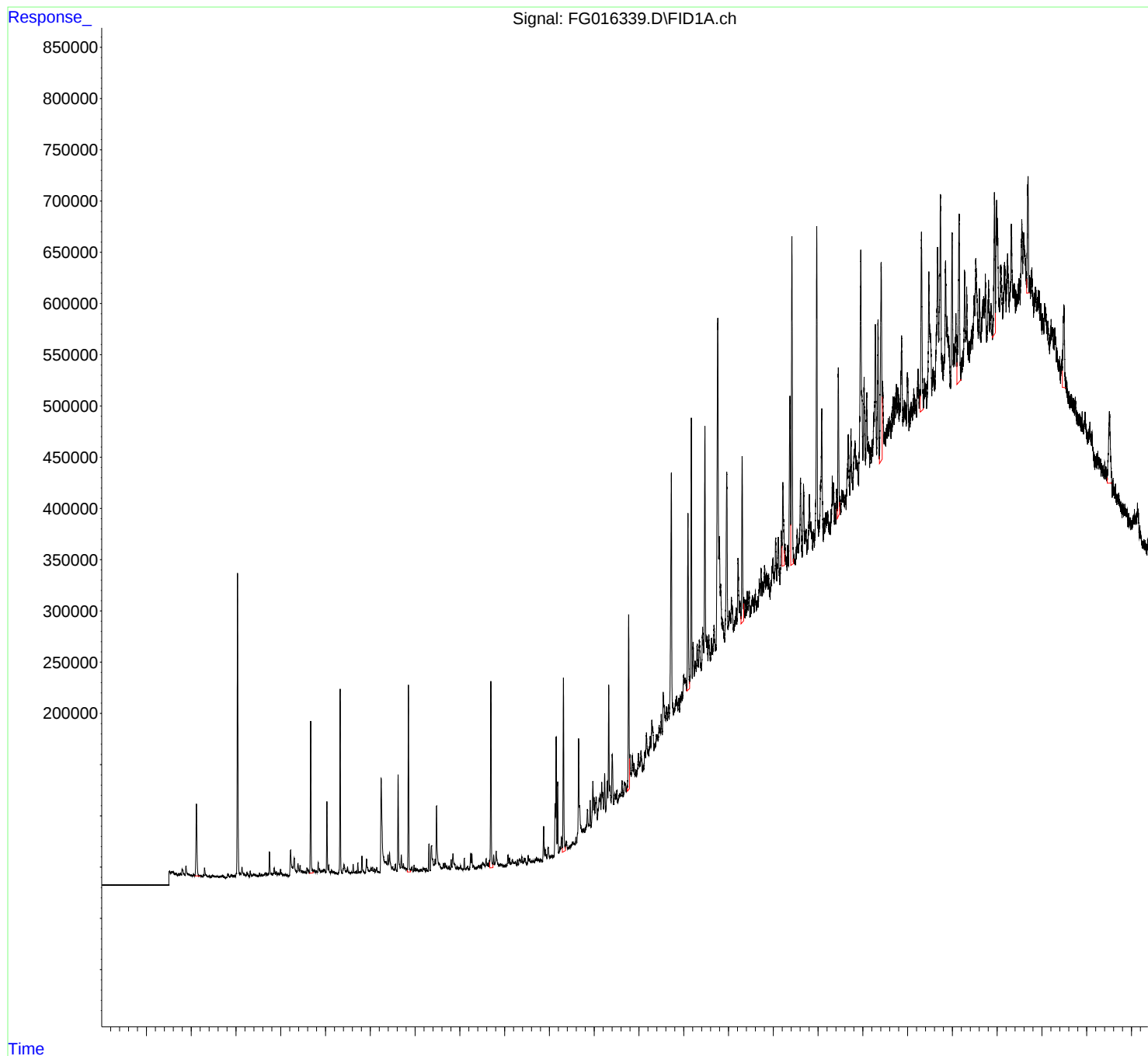
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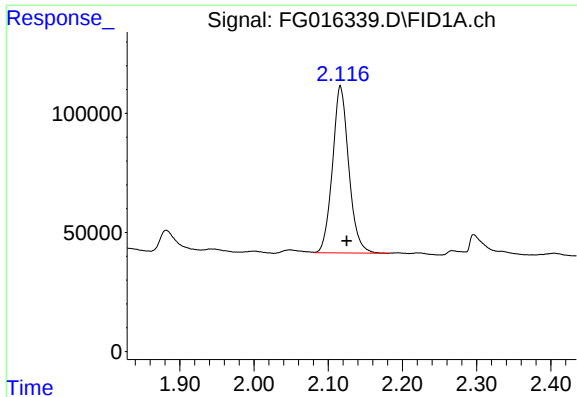
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





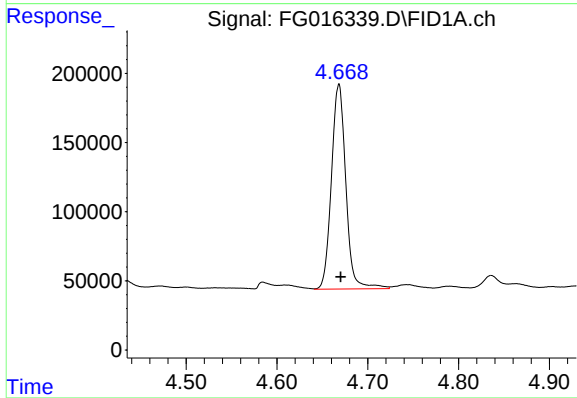
#1 N-OCTANE

R.T.: 2.116 min
Delta R.T.: -0.009 min
Response: 1068257
Conc: 9.46 ug/ml

Instrument :
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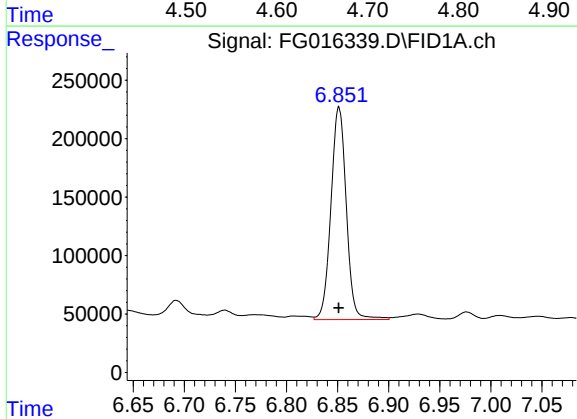
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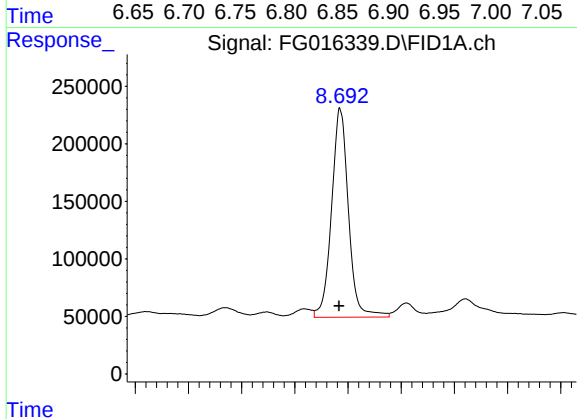
#2 N-DECANE

R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 1635891
Conc: 14.20 ug/ml



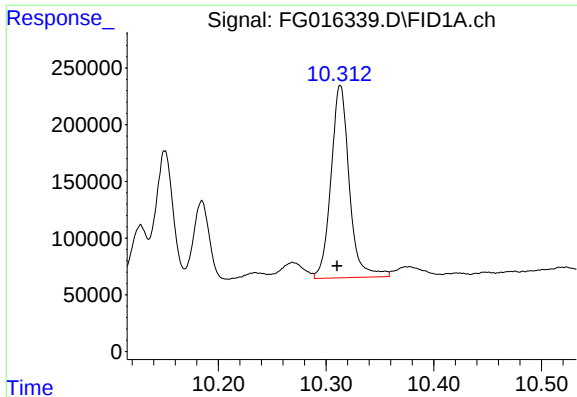
#3 N-DODECANE

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 1901051
Conc: 16.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.693 min
Delta R.T.: 0.001 min
Response: 2006184
Conc: 17.00 ug/ml



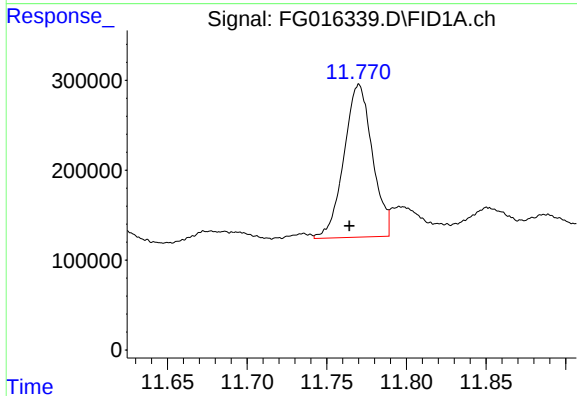
#5 N-HEXADECANE

R.T.: 10.313 min
Delta R.T.: 0.003 min
Response: 2001209
Conc: 17.30 ug/ml

Instrument :
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ClientSampleId :
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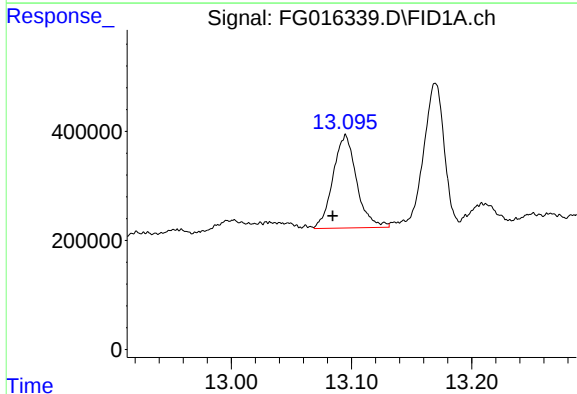
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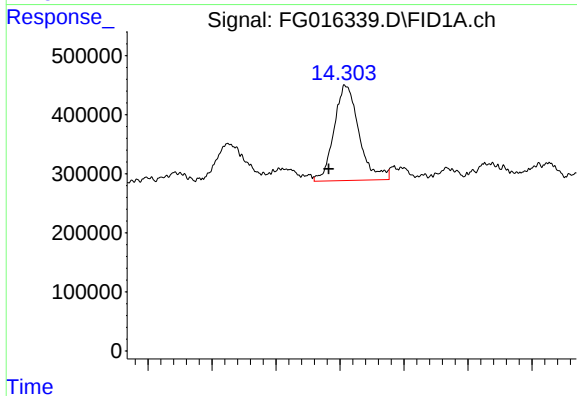
#6 N-OCTADECANE

R.T.: 11.770 min
Delta R.T.: 0.006 min
Response: 2104139
Conc: 17.93 ug/ml



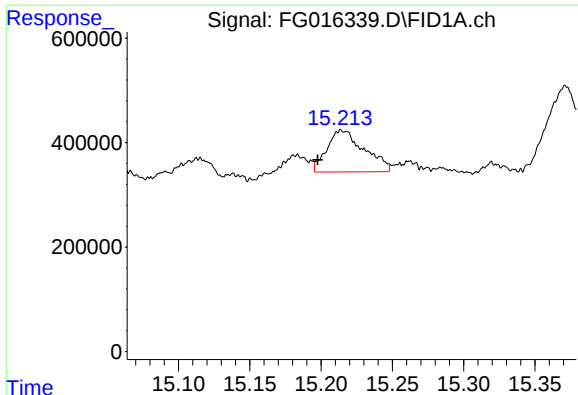
#7 N-EICOSANE

R.T.: 13.095 min
Delta R.T.: 0.010 min
Response: 2329122
Conc: 19.47 ug/ml m



#8 N-DOCOSANE

R.T.: 14.303 min
Delta R.T.: 0.012 min
Response: 2190672
Conc: 19.01 ug/ml m



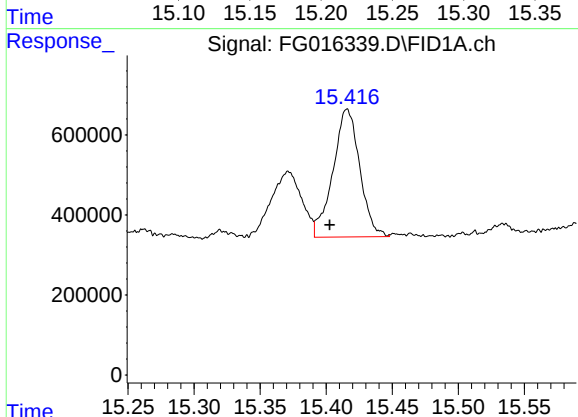
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.213 min
Delta R.T.: 0.016 min
Response: 1451326
Conc: 14.52 ug/ml

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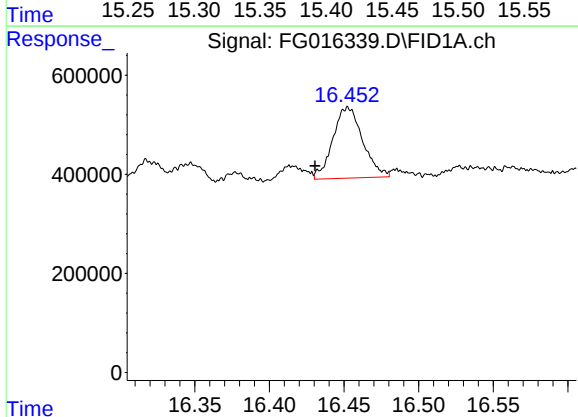
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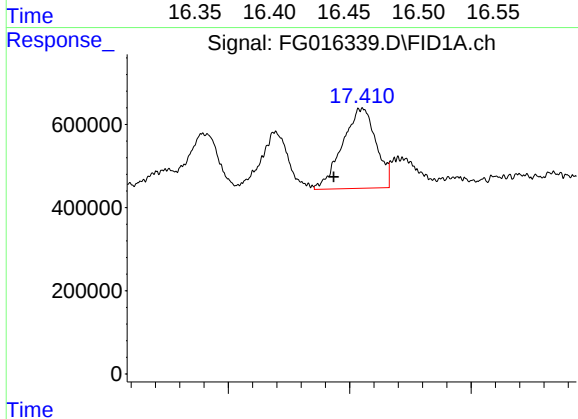
#10 N-TETRACOSANE

R.T.: 15.416 min
Delta R.T.: 0.013 min
Response: 4494603
Conc: 39.34 ug/ml m



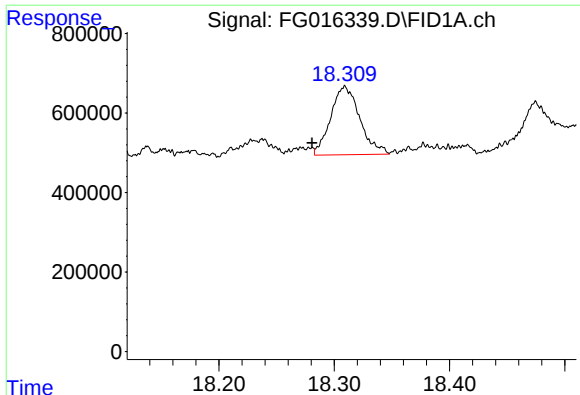
#11 N-HEXACOSANE

R.T.: 16.452 min
Delta R.T.: 0.022 min
Response: 1988004
Conc: 18.07 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.410 min
Delta R.T.: 0.023 min
Response: 3713536
Conc: 34.15 ug/ml m



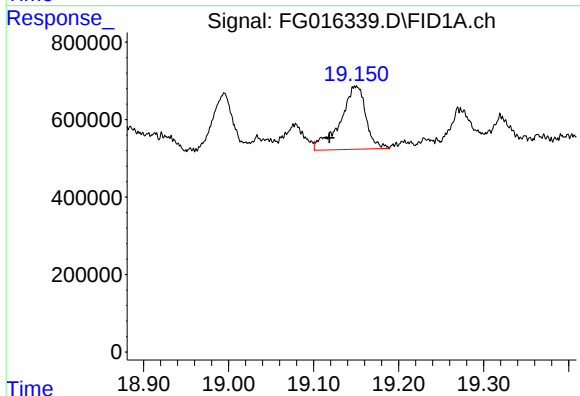
#13 N-TRIACONTANE

R.T.: 18.309 min
Delta R.T.: 0.028 min
Response: 3017222
Conc: 28.24 ug/ml

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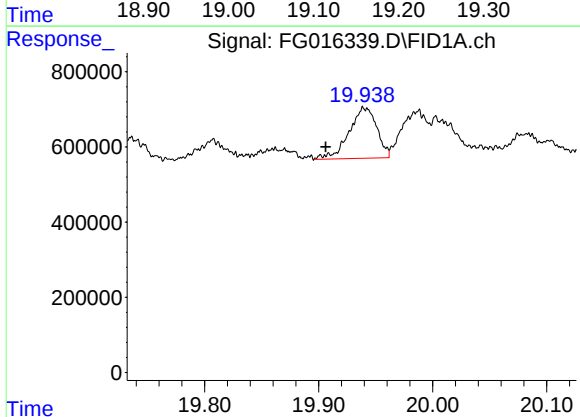
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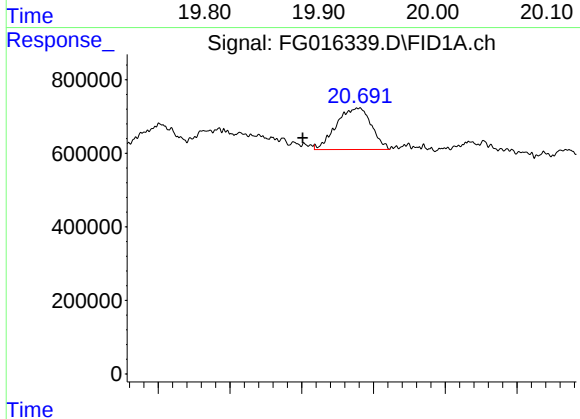
#14 N-DOTRIACONTANE

R.T.: 19.150 min
Delta R.T.: 0.032 min
Response: 3404926
Conc: 33.67 ug/ml



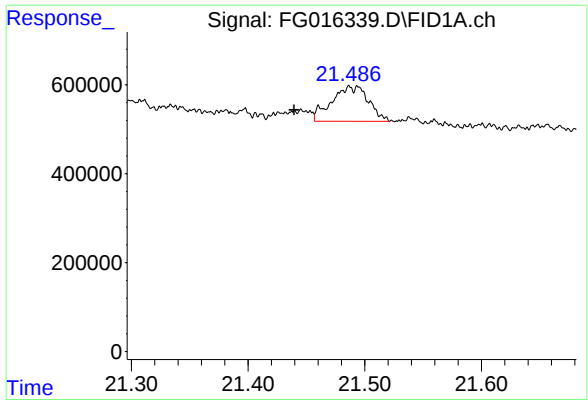
#15 N-TETRATRIACONTANE

R.T.: 19.941 min
Delta R.T.: 0.034 min
Response: 2280585
Conc: 25.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.691 min
Delta R.T.: 0.040 min
Response: 1907661
Conc: 25.33 ug/ml m



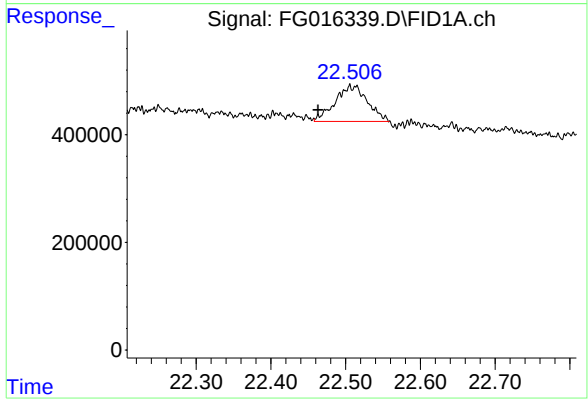
#17 N-OCTATRIACONTANE

R.T.: 21.486 min
Delta R.T.: 0.047 min
Response: 1730529
Conc: 26.59 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.506 min
Delta R.T.: 0.043 min
Response: 1994449
Conc: 34.60 ug/ml m