

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021825\
 Data File : FG015384.D
 Signal(s) : FID1A.ch
 Acq On : 18 Feb 2025 13:46
 Operator : YP\AJ
 Sample : Q1372-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-021425MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File: autoint1.e
 Quant Time: Feb 19 00:18:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021025.M
 Quant Title :
 QLast Update : Mon Feb 10 11:26:50 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...	15.040	1430787	13.187 ug/ml
Target Compounds			
1) N-OCTANE	1.999	2041111	17.840 ug/ml
2) N-DECANE	4.538	4577903	39.269 ug/ml
3) N-DODECANE	6.724	7499096	61.934 ug/mlm
4) N-TETRADECANE	8.564	9473852	79.579 ug/mlm
5) N-HEXADECANE	10.178	11112362	91.341 ug/mlm
6) N-OCTADECANE	11.628	9352330	74.383 ug/mlm
7) N-EICOSANE	12.942	7254423	59.217 ug/mlm
8) N-DOCOSANE	14.140	4782692	39.725 ug/mlm
10) N-TETRACOSANE	15.246	3215127	26.782 ug/ml
11) N-HEXACOSANE	16.271	2784894	23.731 ug/ml
12) N-OCTACOSANE	17.223	2934178	25.380 ug/ml
13) N-TRIACONTANE	18.114	2643120	22.985 ug/ml
14) N-DOTRIACONTANE	18.949	2738924	24.099 ug/ml
15) N-TETRATRIACONTANE	19.737	2944786	27.391 ug/ml
16) N-HEXATRIACONTANE	20.481	3351093	33.482 ug/ml
17) N-OCTATRIACONTANE	21.232	3521063	35.180 ug/ml
18) N-TETRACONTANE	22.176	4013686	40.686 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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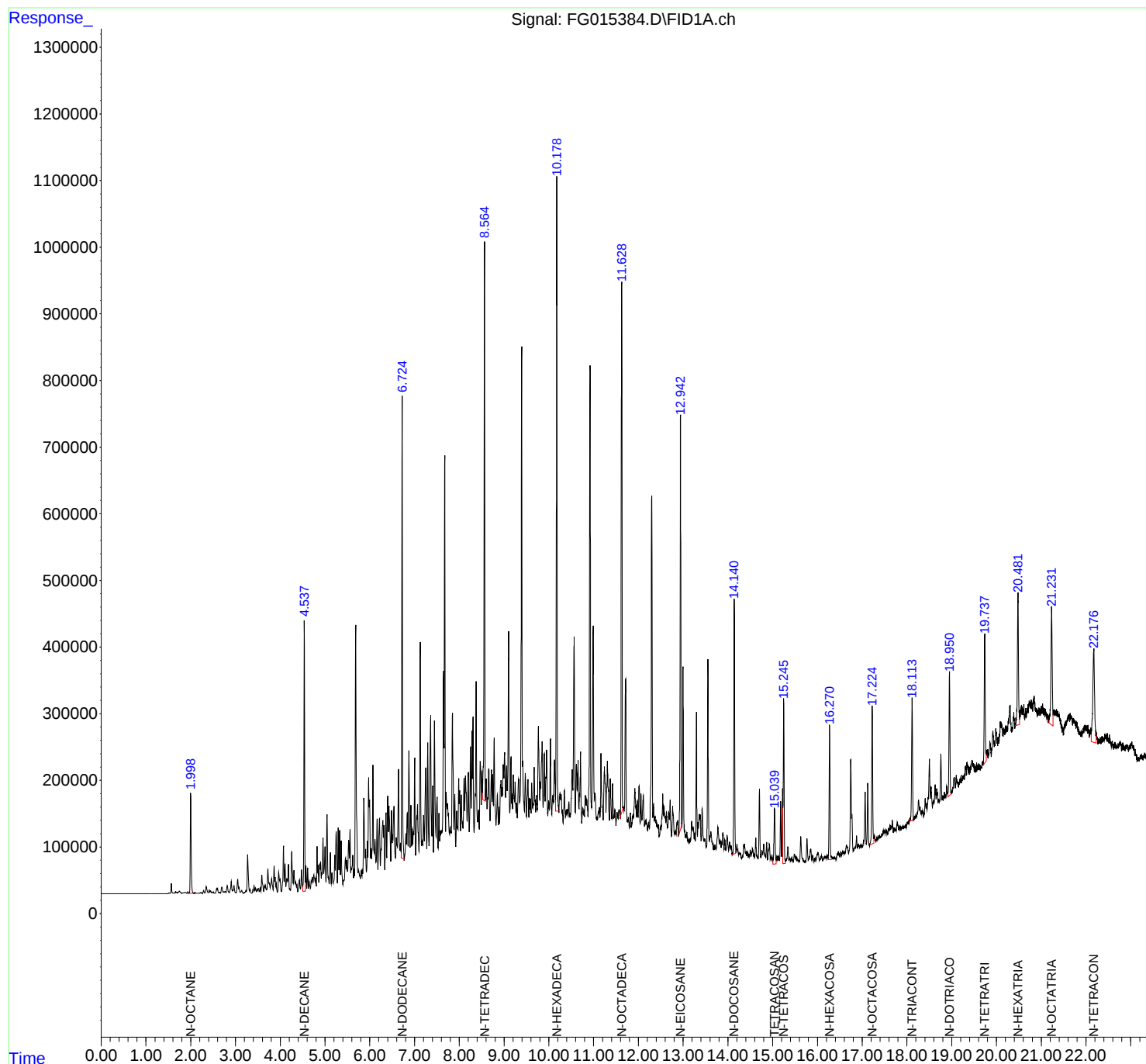
APPROVED

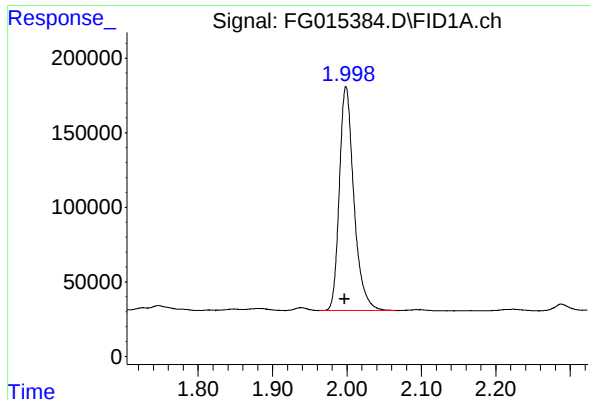
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Signal Info : 20mx0.18mmx0.18um





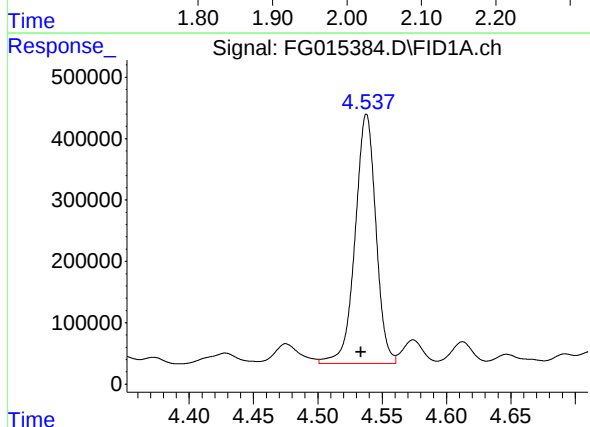
#1 N-OCTANE

R.T.: 1.999 min
Delta R.T.: 0.002 min
Response: 2041111
Conc: 17.84 ug/ml

Instrument :
FID_G
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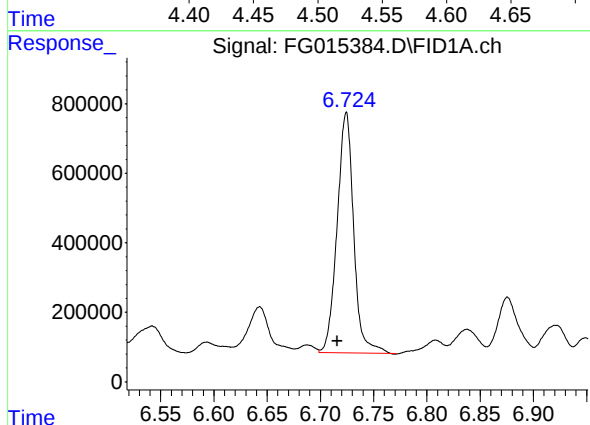
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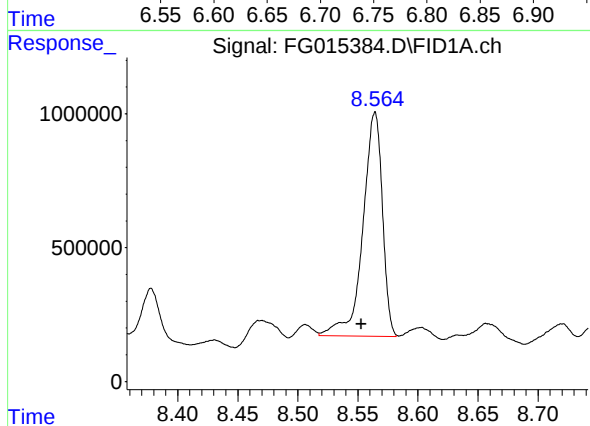
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: 0.004 min
Response: 4577903
Conc: 39.27 ug/ml



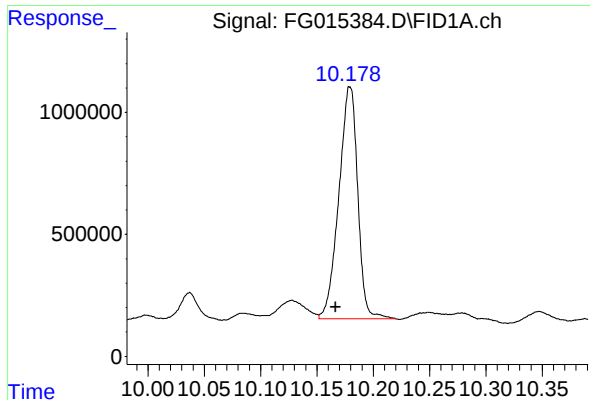
#3 N-DODECANE

R.T.: 6.724 min
Delta R.T.: 0.008 min
Response: 7499096
Conc: 61.93 ug/ml m



#4 N-TETRADECANE

R.T.: 8.564 min
Delta R.T.: 0.011 min
Response: 9473852
Conc: 79.58 ug/ml m



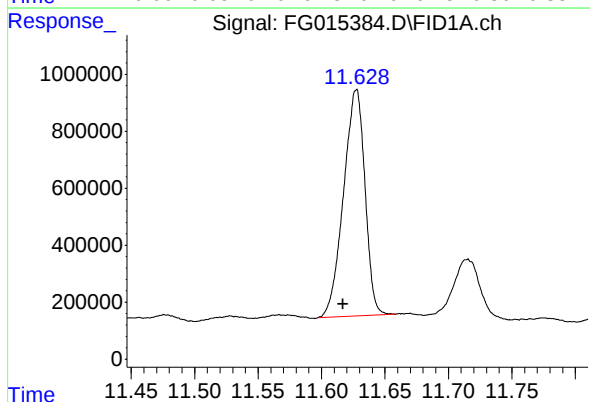
#5 N-HEXADECANE

R.T.: 10.178 min
Delta R.T.: 0.011 min
Response: 11112362
Conc: 91.34 ug/ml

Instrument :
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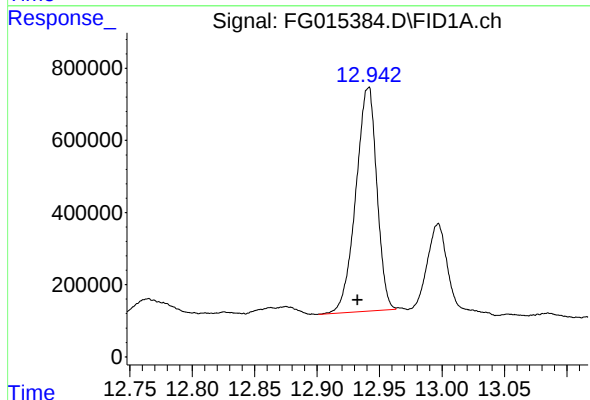
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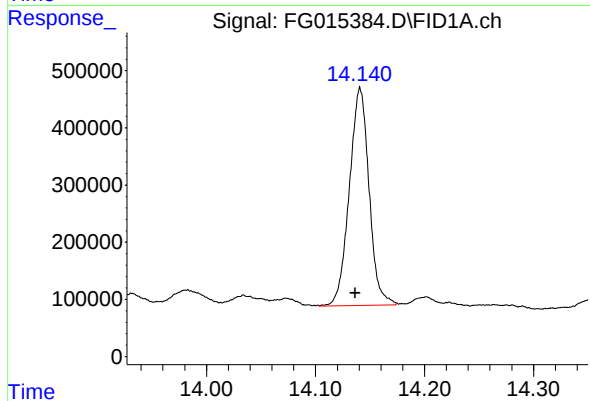
#6 N-OCTADECANE

R.T.: 11.628 min
Delta R.T.: 0.011 min
Response: 9352330
Conc: 74.38 ug/ml m



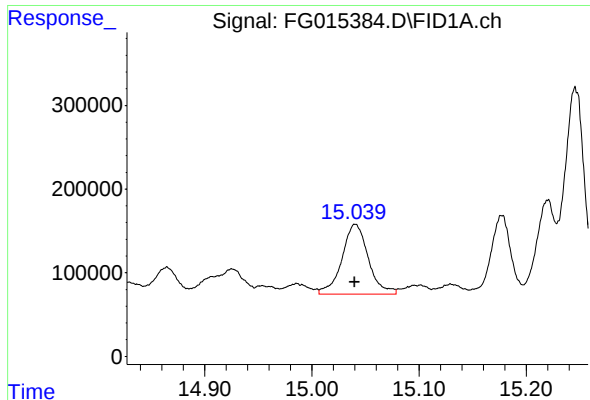
#7 N-EICOSANE

R.T.: 12.942 min
Delta R.T.: 0.009 min
Response: 7254423
Conc: 59.22 ug/ml m



#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: 0.004 min
Response: 4782692
Conc: 39.73 ug/ml m



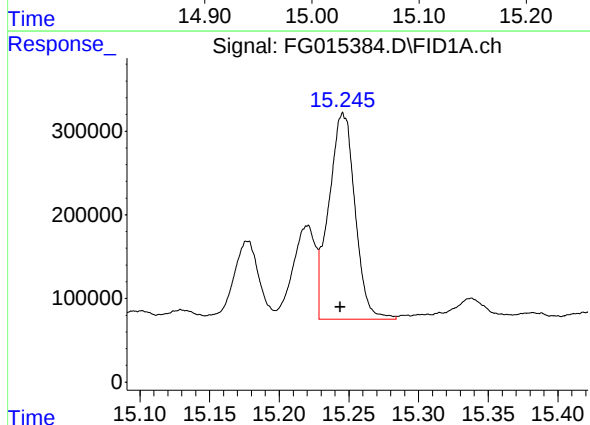
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.040 min
Delta R.T.: 0.000 min
Response: 1430787
Conc: 13.19 ug/ml

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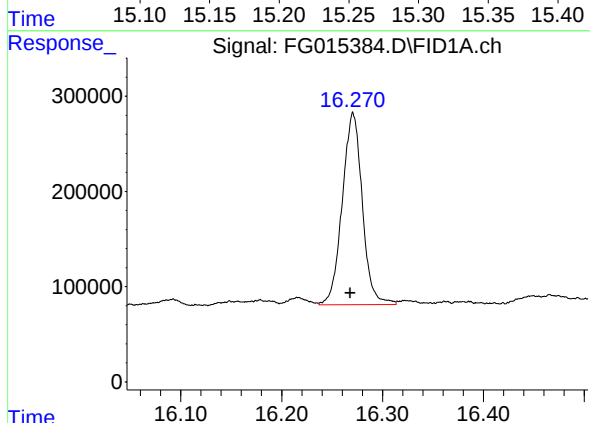
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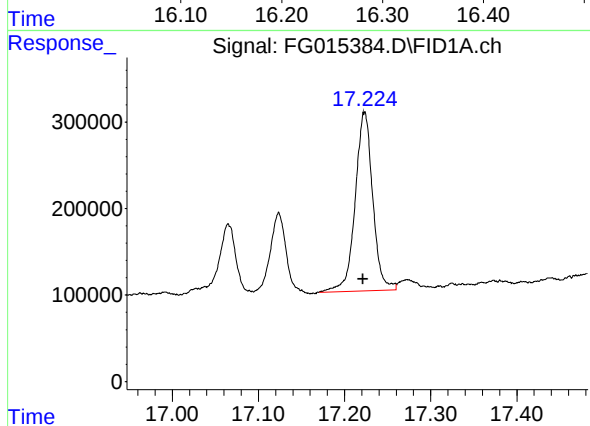
#10 N-TETRACOSANE

R.T.: 15.246 min
Delta R.T.: 0.002 min
Response: 3215127
Conc: 26.78 ug/ml



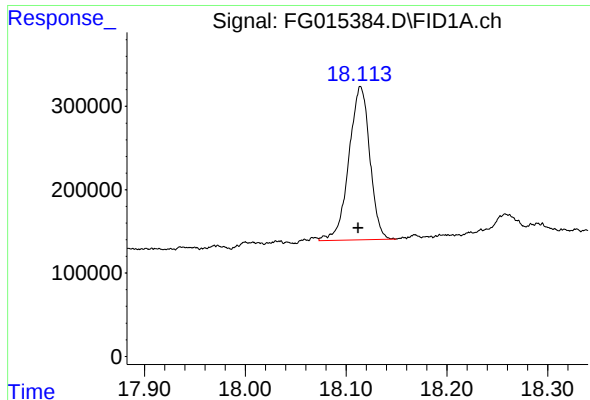
#11 N-HEXACOSANE

R.T.: 16.271 min
Delta R.T.: 0.003 min
Response: 2784894
Conc: 23.73 ug/ml



#12 N-OCTACOSANE

R.T.: 17.223 min
Delta R.T.: 0.002 min
Response: 2934178
Conc: 25.38 ug/ml



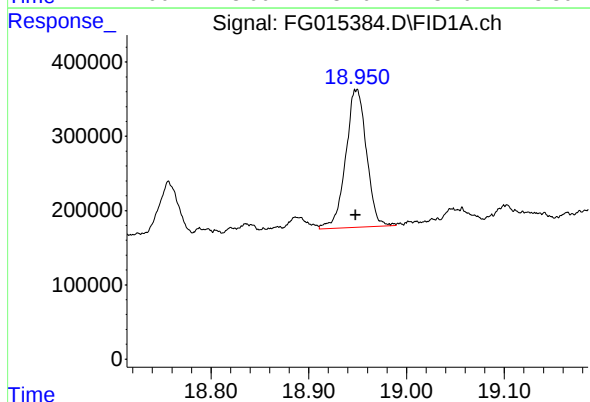
#13 N-TRIACONTANE

R.T.: 18.114 min
Delta R.T.: 0.002 min
Response: 2643120
Conc: 22.98 ug/ml

Instrument :
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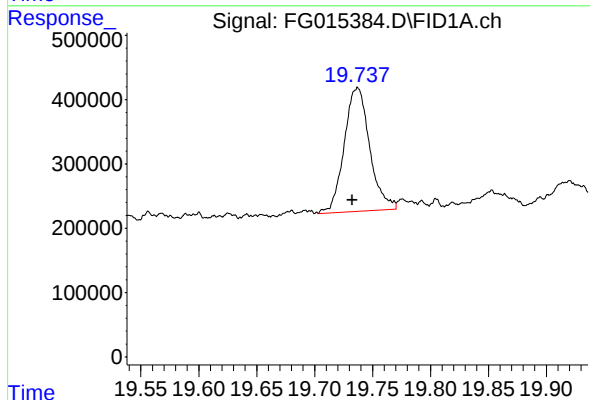
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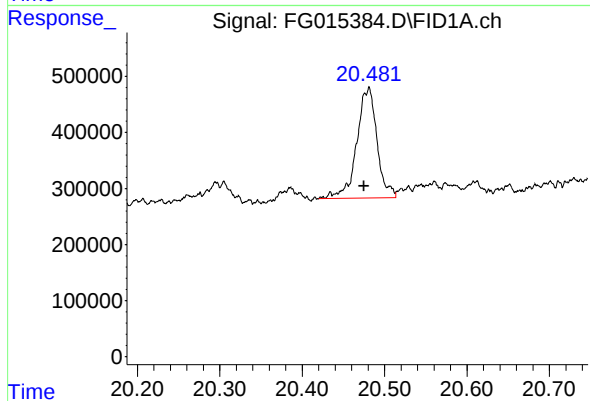
#14 N-DOTRIACONTANE

R.T.: 18.949 min
Delta R.T.: 0.000 min
Response: 2738924
Conc: 24.10 ug/ml



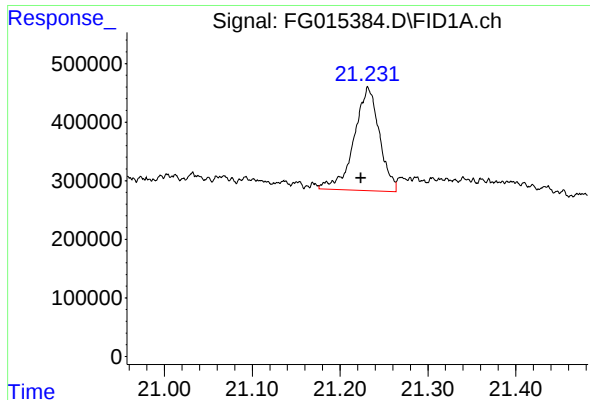
#15 N-TETRATRIACONTANE

R.T.: 19.737 min
Delta R.T.: 0.004 min
Response: 2944786
Conc: 27.39 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.481 min
Delta R.T.: 0.007 min
Response: 3351093
Conc: 33.48 ug/ml



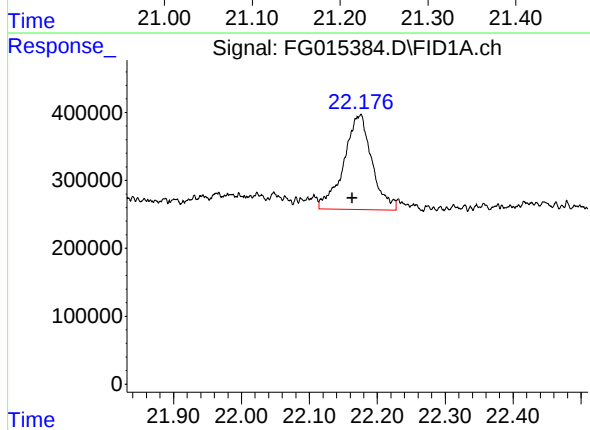
#17 N-OCTATRIACONTANE

R.T.: 21.232 min
Delta R.T.: 0.008 min
Response: 3521063
Conc: 35.18 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.176 min
Delta R.T.: 0.012 min
Response: 4013686
Conc: 40.69 ug/ml