

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031025\
 Data File : FG015465.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2025 13:00
 Operator : YP\AJ
 Sample : Q1515-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-06-030625MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e
 Quant Time: Mar 11 02:03:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.033	1745083	16.028 ug/mlm
Target Compounds			
1) N-OCTANE	1.990	1630909	14.836 ug/ml
2) N-DECANE	4.529	2248210	20.204 ug/ml
3) N-DODECANE	6.713	3358449	28.898 ug/ml
4) N-TETRADECANE	8.551	5573043	48.365 ug/ml
5) N-HEXADECANE	10.167	6652543	56.049 ug/ml
6) N-OCTADECANE	11.615	6097686	49.236 ug/ml
7) N-EICOSANE	12.931	4490960	36.972 ug/ml
8) N-DOCOSANE	14.132	3302114	27.580 ug/ml
10) N-TETRACOSANE	15.238	2653416	22.220 ug/ml
11) N-HEXACOSANE	16.262	2415289	20.582 ug/ml
12) N-OCTACOSANE	17.215	2308338	19.942 ug/ml
13) N-TRIACONTANE	18.105	2289553	19.707 ug/ml
14) N-DOTRIACONTANE	18.941	2029196	17.588 ug/ml
15) N-TETRATRIACONTANE	19.726	1228919	11.443 ug/ml
16) N-HEXATRIACONTANE	20.467	927829	9.678 ug/ml
17) N-OCTATRIACONTANE	21.215	681999	7.642 ug/mlm
18) N-TETRACONTANE	22.151	969997	11.824 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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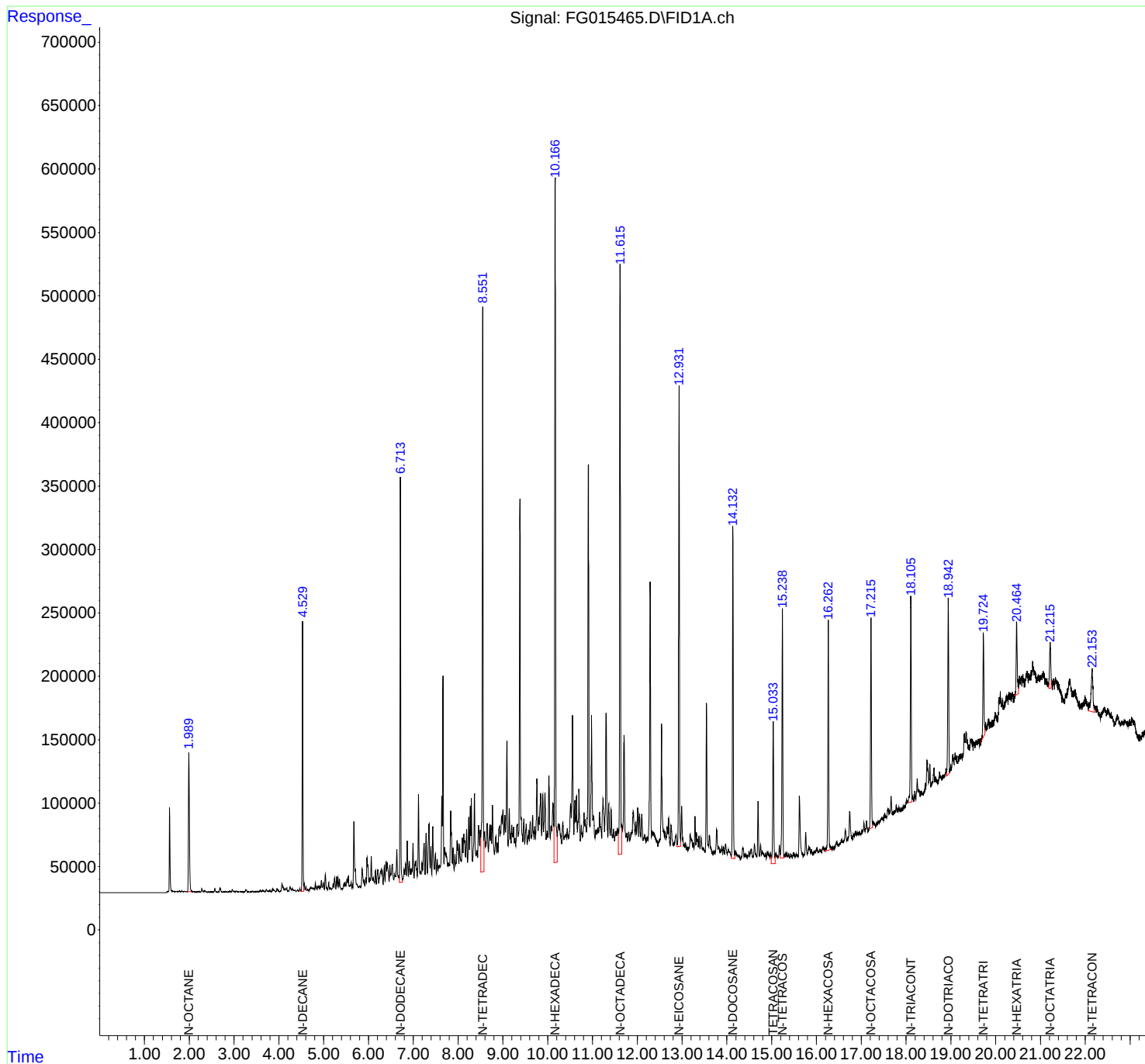
APPROVED

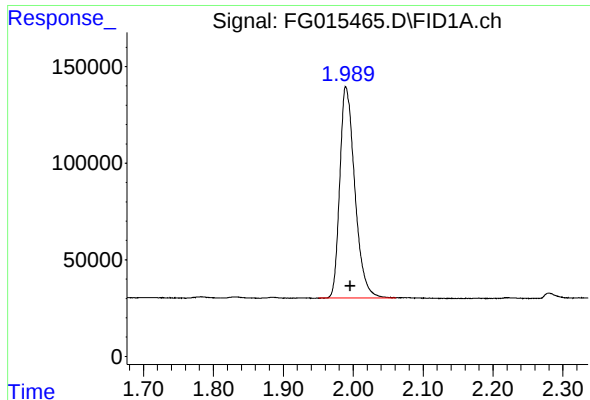
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





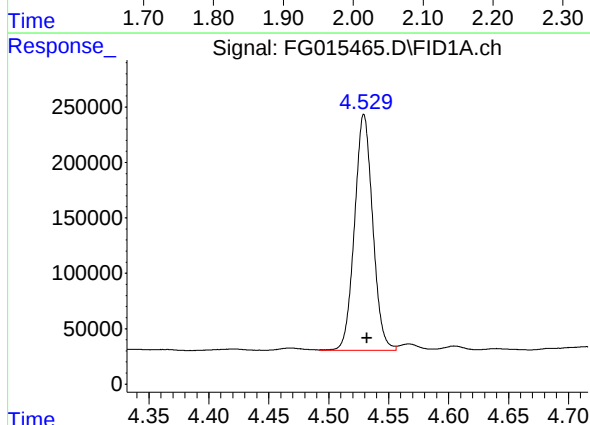
#1 N-OCTANE

R.T.: 1.990 min
Delta R.T.: -0.006 min
Response: 1630909
Conc: 14.84 ug/ml

Instrument :
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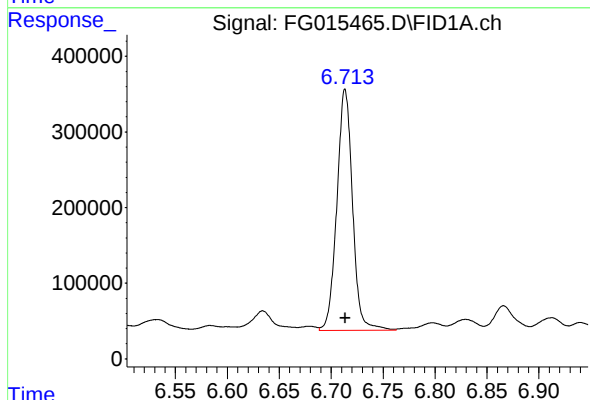
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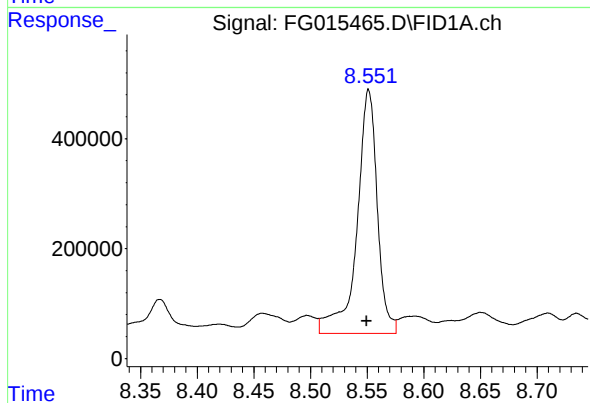
#2 N-DECANE

R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 2248210
Conc: 20.20 ug/ml



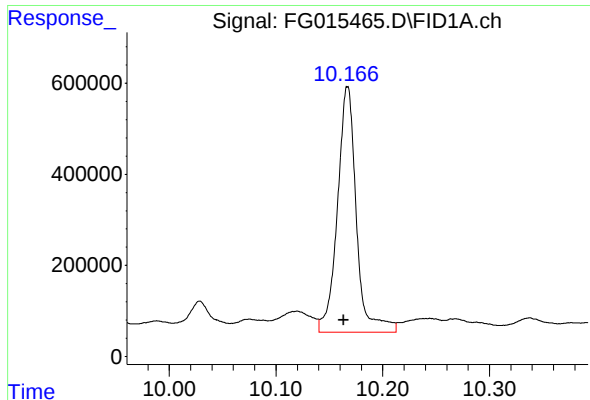
#3 N-DODECANE

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 3358449
Conc: 28.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.551 min
Delta R.T.: 0.002 min
Response: 5573043
Conc: 48.37 ug/ml



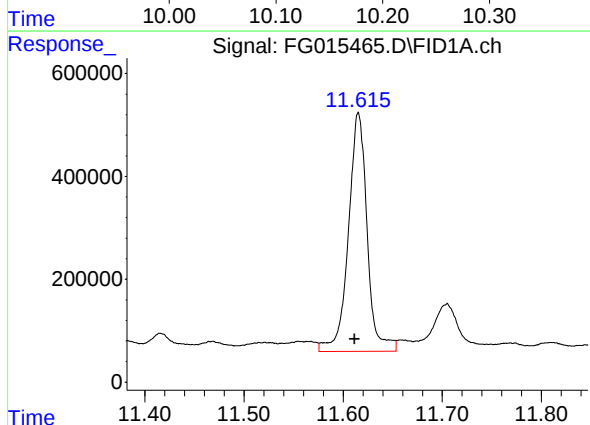
#5 N-HEXADECANE

R.T.: 10.167 min
Delta R.T.: 0.004 min
Response: 6652543
Conc: 56.05 ug/ml

Instrument :
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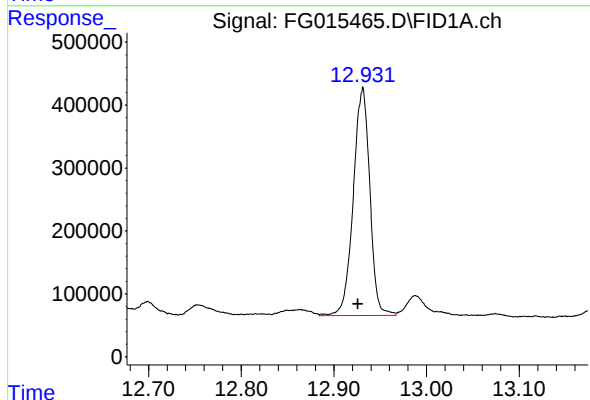
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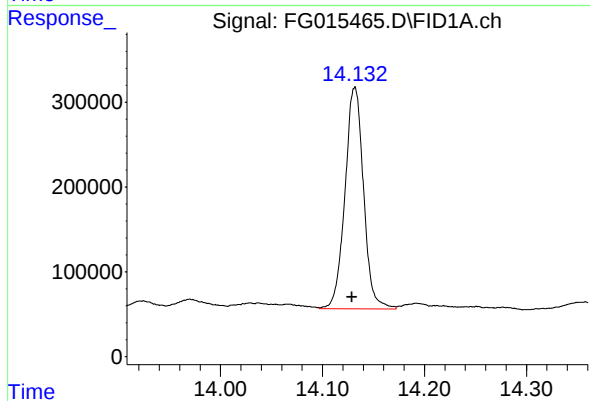
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: 0.004 min
Response: 6097686
Conc: 49.24 ug/ml



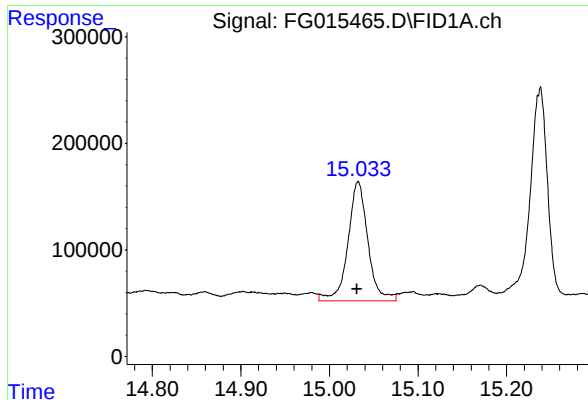
#7 N-EICOSANE

R.T.: 12.931 min
Delta R.T.: 0.005 min
Response: 4490960
Conc: 36.97 ug/ml



#8 N-DOCOSANE

R.T.: 14.132 min
Delta R.T.: 0.003 min
Response: 3302114
Conc: 27.58 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.033 min
Delta R.T.: 0.002 min
Response: 1745083
Conc: 16.03 ug/ml

Instrument :

FID_G

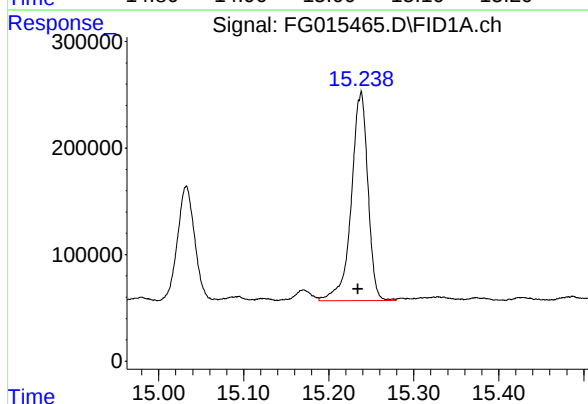
ClientSampleId :

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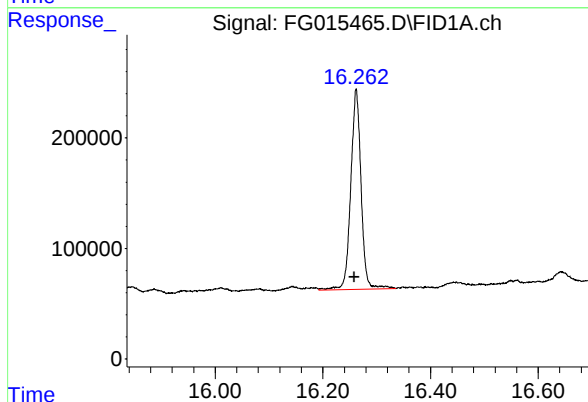
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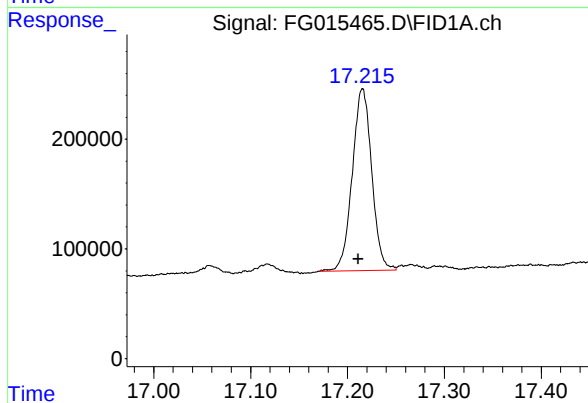
#10 N-TETRACOSANE

R.T.: 15.238 min
Delta R.T.: 0.003 min
Response: 2653416
Conc: 22.22 ug/ml



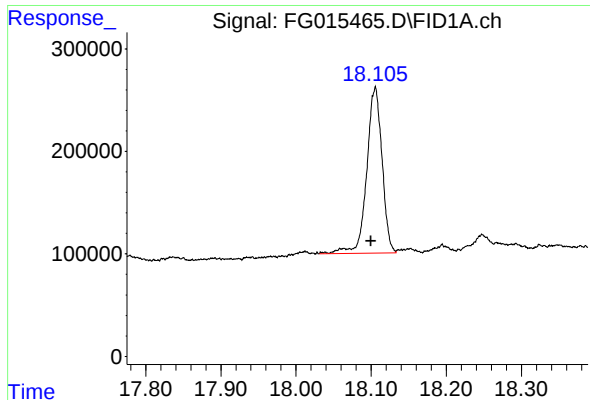
#11 N-HEXACOSANE

R.T.: 16.262 min
Delta R.T.: 0.004 min
Response: 2415289
Conc: 20.58 ug/ml



#12 N-OCTACOSANE

R.T.: 17.215 min
Delta R.T.: 0.004 min
Response: 2308338
Conc: 19.94 ug/ml



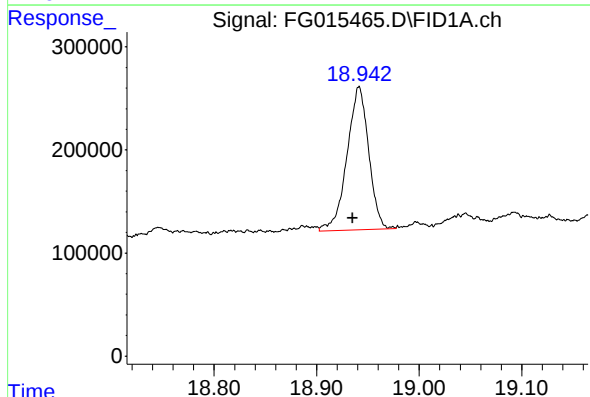
#13 N-TRIACONTANE

R.T.: 18.105 min
Delta R.T.: 0.006 min
Response: 2289553
Conc: 19.71 ug/ml

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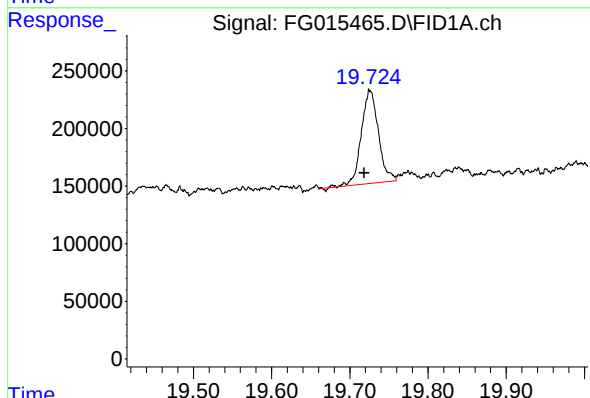
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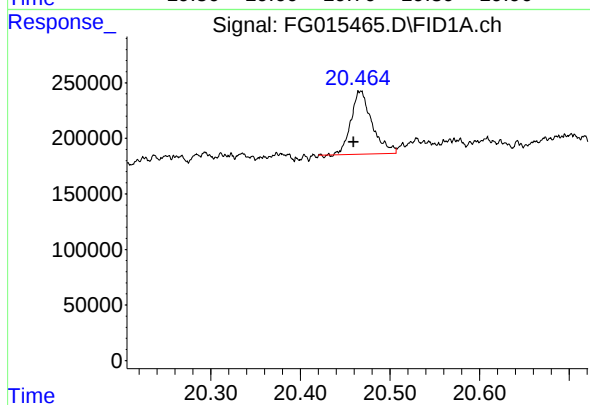
#14 N-DOTRIACONTANE

R.T.: 18.941 min
Delta R.T.: 0.006 min
Response: 2029196
Conc: 17.59 ug/ml



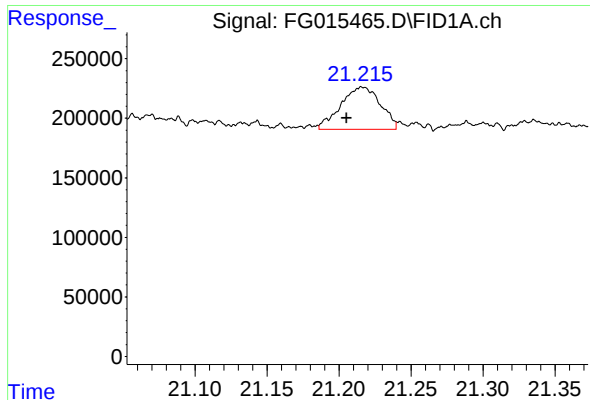
#15 N-TETRATRIACONTANE

R.T.: 19.726 min
Delta R.T.: 0.007 min
Response: 1228919
Conc: 11.44 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.467 min
Delta R.T.: 0.008 min
Response: 927829
Conc: 9.68 ug/ml



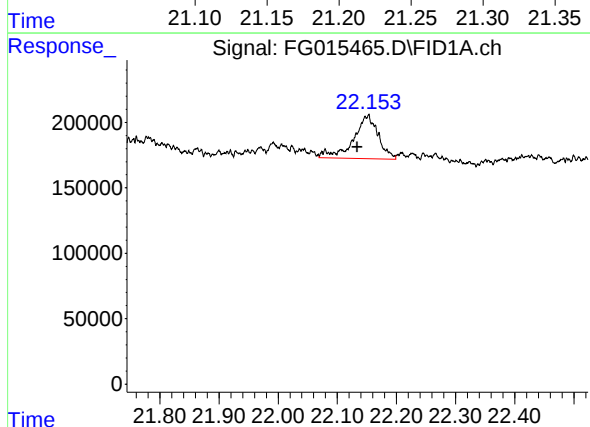
#17 N-OCTATRIACONTANE

R.T.: 21.215 min
Delta R.T.: 0.010 min
Response: 681999
Conc: 7.64 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.151 min
Delta R.T.: 0.017 min
Response: 969997
Conc: 11.82 ug/ml