

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101124\
 Data File : FG014417.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 16:51
 Operator : YP\AJ
 Sample : P4368-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:02:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 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...	14.915	1883161	15.208 ug/ml
Target Compounds			
1) N-OCTANE	1.940	99852	0.793 ug/ml
2) N-DECANE	4.432	93495	0.794 ug/ml
3) N-DODECANE	6.604	70797	0.605 ug/ml
4) N-TETRADECANE	8.527f	113082	0.931 ug/mlm
5) N-HEXADECANE	10.082	117966	0.927 ug/mlm
6) N-OCTADECANE	11.511	111191	0.832 ug/ml
7) N-EICOSANE	12.813	115140	0.828 ug/mlm
8) N-DOCOSANE	14.010	125191	0.913 ug/ml
10) N-TETRACOSANE	15.121	143037	1.038 ug/ml
11) N-HEXACOSANE	16.169	129280	0.935 ug/mlm
12) N-OCTACOSANE	17.118	118796	0.867 ug/ml
13) N-TRIACONTANE	18.004	116799	0.842 ug/ml
14) N-DOTRIACONTANE	18.839	105790	0.776 ug/ml
15) N-TETRATRIACONTANE	19.623	71342	0.542 ug/ml
16) N-HEXATRIACONTANE	20.362	58187	0.455 ug/mlm
17) N-OCTATRIACONTANE	21.091	58785	0.514 ug/mlm
18) N-TETRACONTANE	21.988	59223	0.552 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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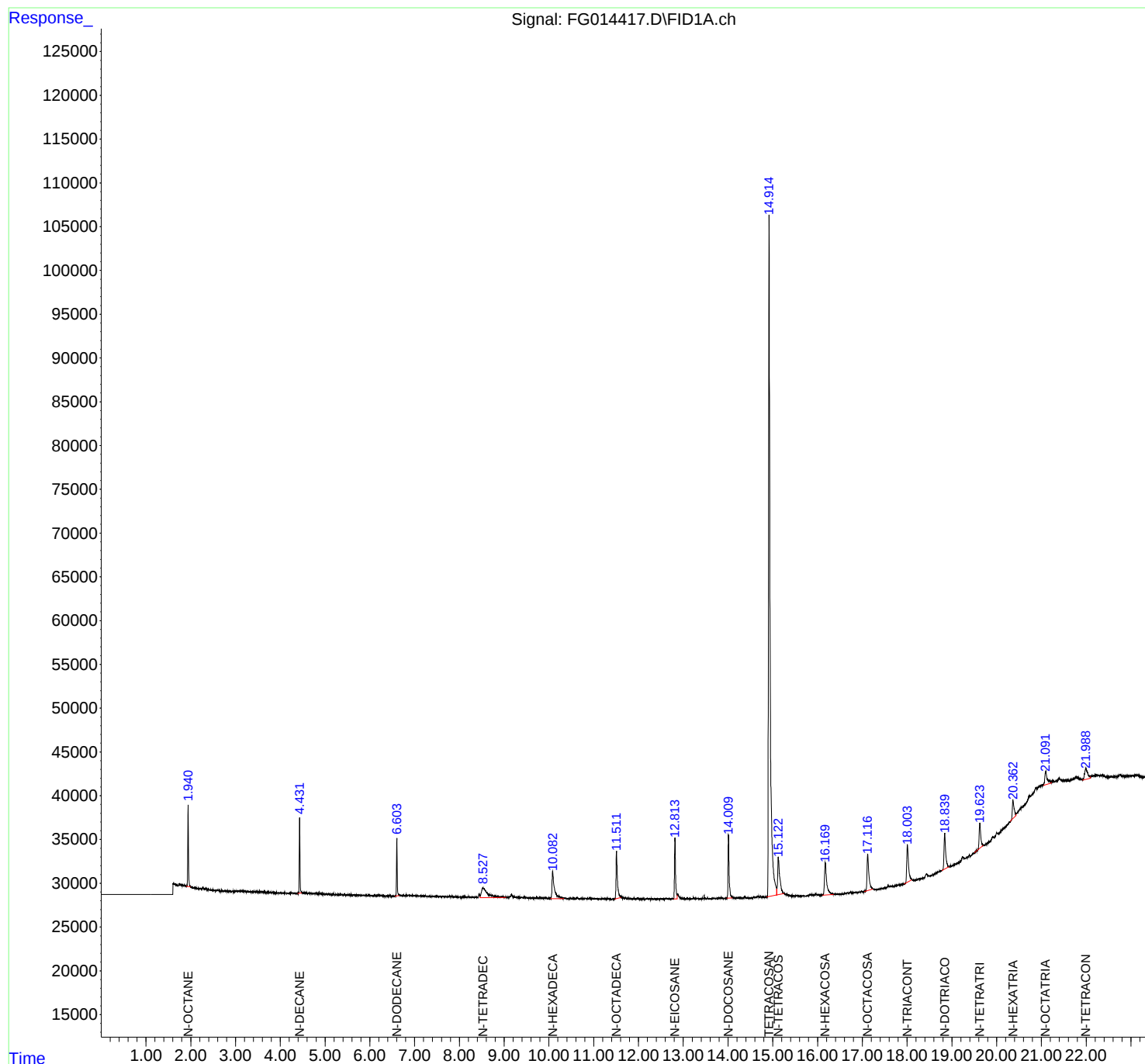
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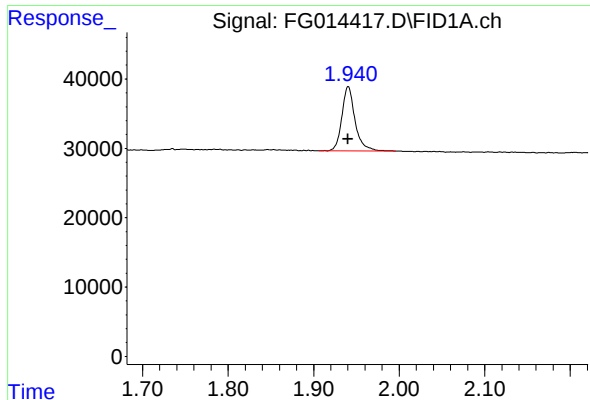
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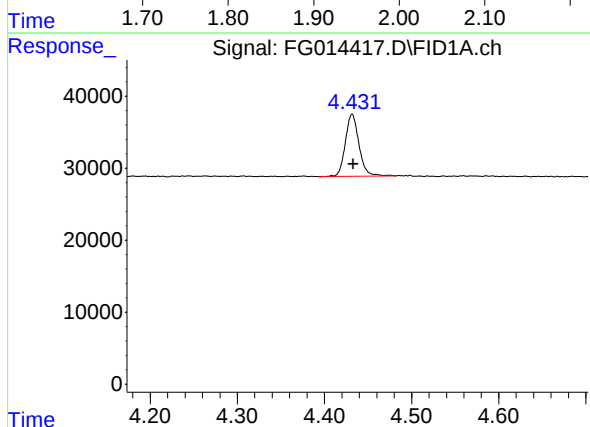
#1 N-OCTANE

R.T.: 1.940 min
Delta R.T.: 0.000 min
Response: 99852
Conc: 0.79 ug/ml

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FID_G
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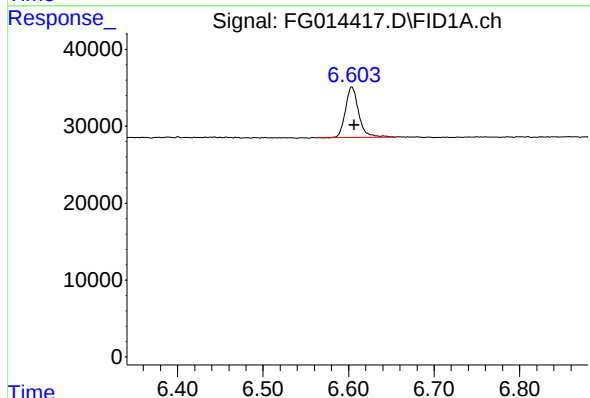
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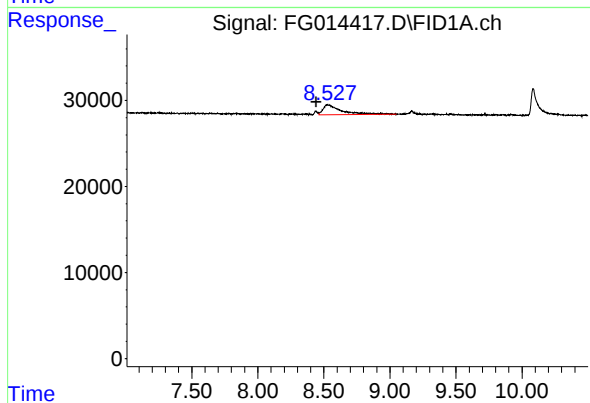
#2 N-DECANE

R.T.: 4.432 min
Delta R.T.: -0.001 min
Response: 93495
Conc: 0.79 ug/ml



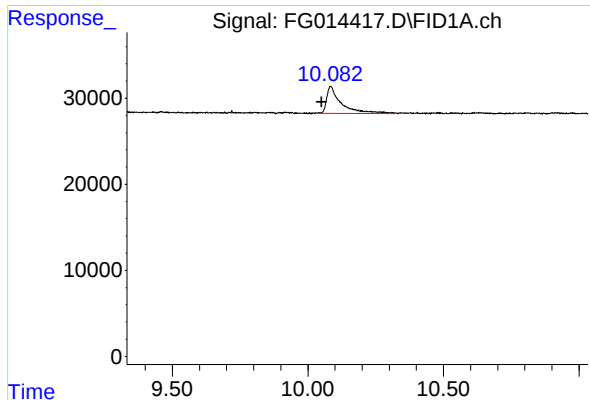
#3 N-DODECANE

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 70797
Conc: 0.60 ug/ml



#4 N-TETRADECANE

R.T.: 8.527 min
Delta R.T.: 0.086 min
Response: 113082
Conc: 0.93 ug/ml m



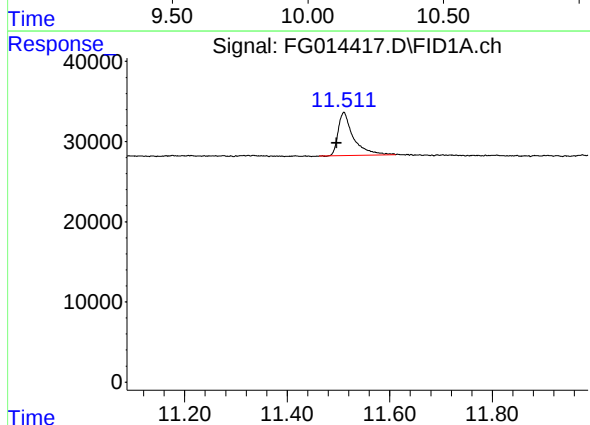
#5 N-HEXADECANE

R.T.: 10.082 min
Delta R.T.: 0.031 min
Response: 117966
Conc: 0.93 ug/ml

Instrument :
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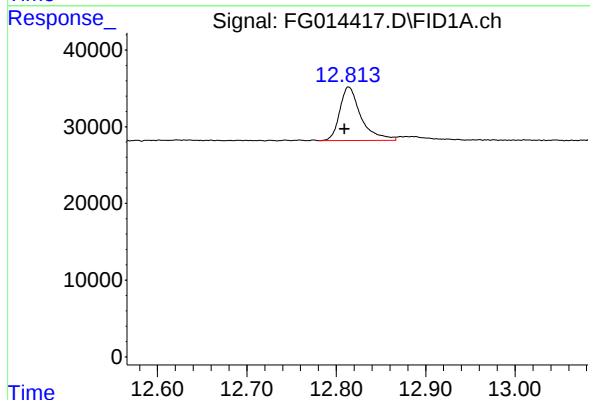
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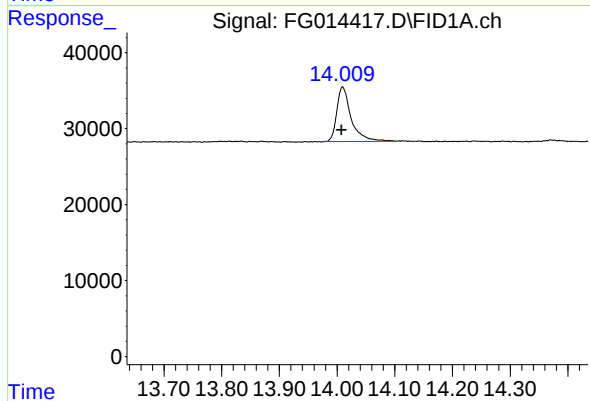
#6 N-OCTADECANE

R.T.: 11.511 min
Delta R.T.: 0.014 min
Response: 111191
Conc: 0.83 ug/ml



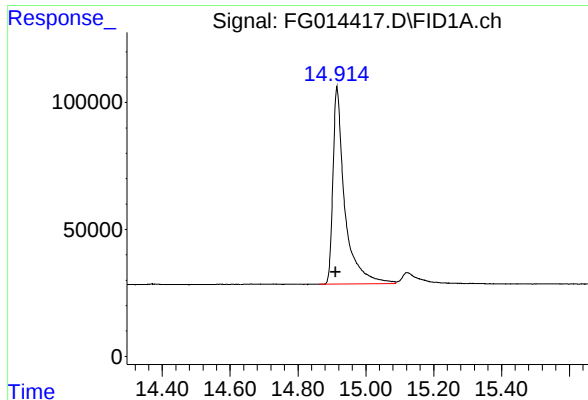
#7 N-EICOSANE

R.T.: 12.813 min
Delta R.T.: 0.004 min
Response: 115140
Conc: 0.83 ug/ml m



#8 N-DOCOSANE

R.T.: 14.010 min
Delta R.T.: 0.001 min
Response: 125191
Conc: 0.91 ug/ml



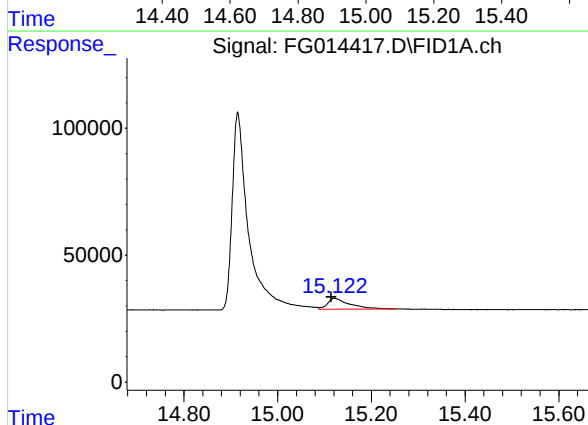
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.915 min
Delta R.T.: 0.004 min
Response: 1883161
Conc: 15.21 ug/ml

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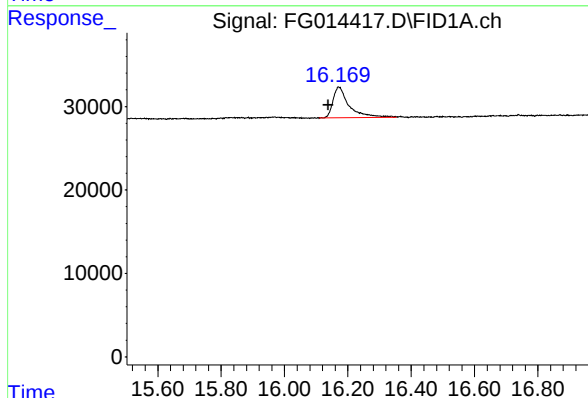
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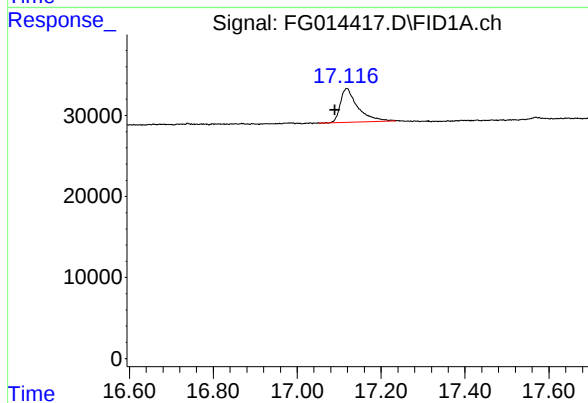
#10 N-TETRACOSANE

R.T.: 15.121 min
Delta R.T.: 0.007 min
Response: 143037
Conc: 1.04 ug/ml



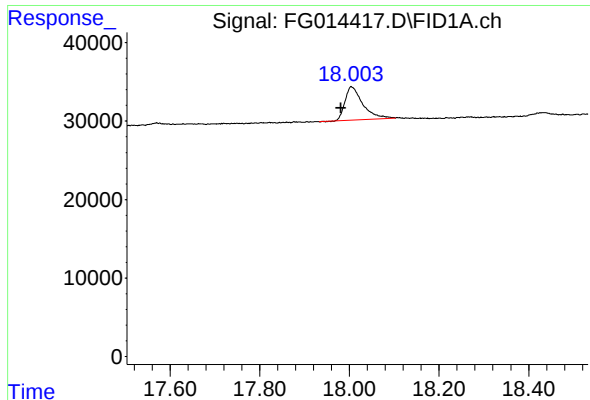
#11 N-HEXACOSANE

R.T.: 16.169 min
Delta R.T.: 0.031 min
Response: 129280
Conc: 0.94 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.118 min
Delta R.T.: 0.028 min
Response: 118796
Conc: 0.87 ug/ml



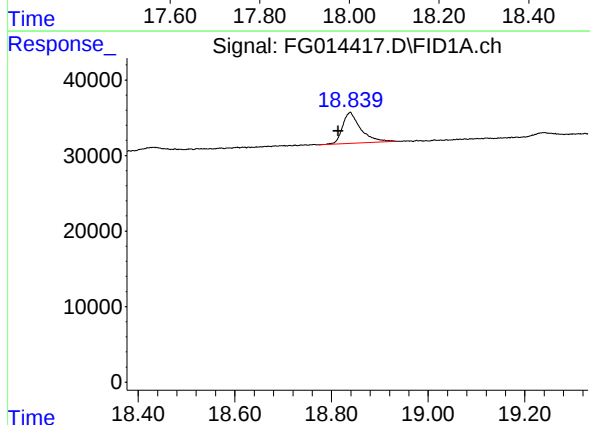
#13 N-TRIACONTANE

R.T.: 18.004 min
Delta R.T.: 0.023 min
Response: 116799
Conc: 0.84 ug/ml

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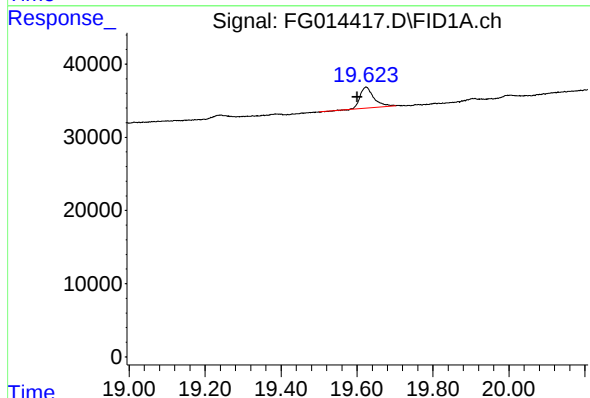
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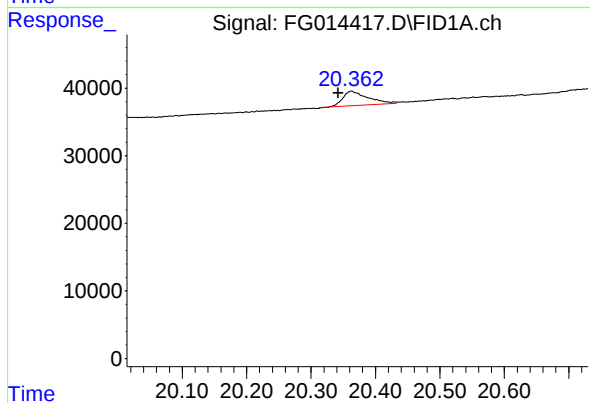
#14 N-DOTRIACONTANE

R.T.: 18.839 min
Delta R.T.: 0.025 min
Response: 105790
Conc: 0.78 ug/ml



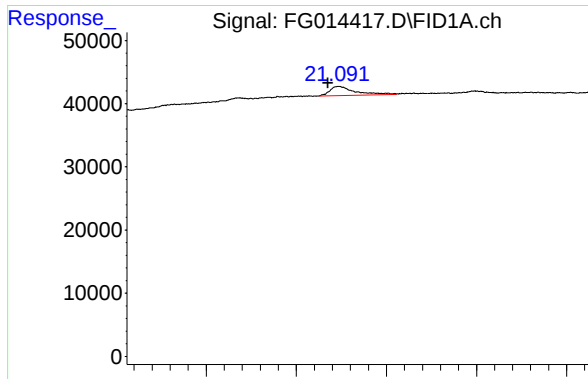
#15 N-TETRATRIACONTANE

R.T.: 19.623 min
Delta R.T.: 0.023 min
Response: 71342
Conc: 0.54 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.362 min
Delta R.T.: 0.020 min
Response: 58187
Conc: 0.45 ug/ml m



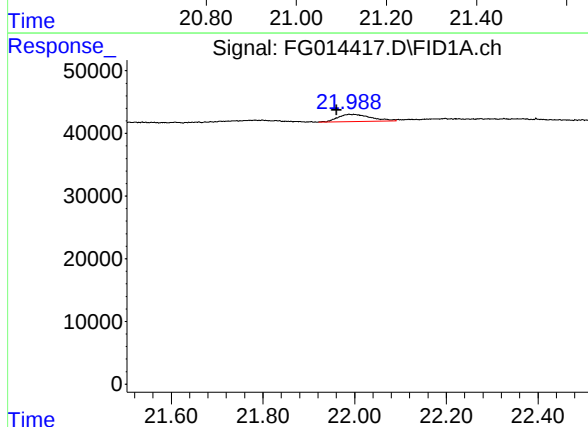
#17 N-OCTATRIACONTANE

R.T.: 21.091 min
Delta R.T.: 0.020 min
Response: 58785
Conc: 0.51 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.988 min
Delta R.T.: 0.026 min
Response: 59223
Conc: 0.55 ug/ml m