

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040823\
 Data File : FF012428.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 06:43
 Operator : YP\AJ
 Sample : 02213-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

04/10/2023
 Supervised By :Ankita
 Jodhani

04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 03:35:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 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...	15.013	2181314	19.491 ug/ml
Target Compounds			
1) N-OCTANE	2.068	119804	0.945 ug/ml
2) N-DECANE	4.581	110901	0.886 ug/ml
3) N-DODECANE	6.747	58652	0.473 ug/mlm
4) N-TETRADECANE	8.604	103201	0.792 ug/mlm
5) N-HEXADECANE	10.188	105613	0.791 ug/ml
6) N-OCTADECANE	11.620	125118	0.931 ug/ml
7) N-EICOSANE	12.922	138974	1.045 ug/ml
8) N-DOCOSANE	14.115	145486	1.145 ug/ml
10) N-TETRACOSANE	15.219	169775	1.361 ug/ml
11) N-HEXACOSANE	16.242	152196	1.271 ug/ml
12) N-OCTACOSANE	17.189	169470	1.473 ug/ml
13) N-TRIACONTANE	18.074	204735	1.861 ug/ml
14) N-DOTRIACONTANE	18.907	218463	2.105 ug/ml
15) N-TETRATRIACONTANE	19.691	177583	1.877 ug/ml
16) N-HEXATRIACONTANE	20.431	143900	1.642 ug/ml
17) N-OCTATRIACONTANE	21.168	114187	1.379 ug/ml
18) N-TETRACONTANE	22.080	93648	1.146 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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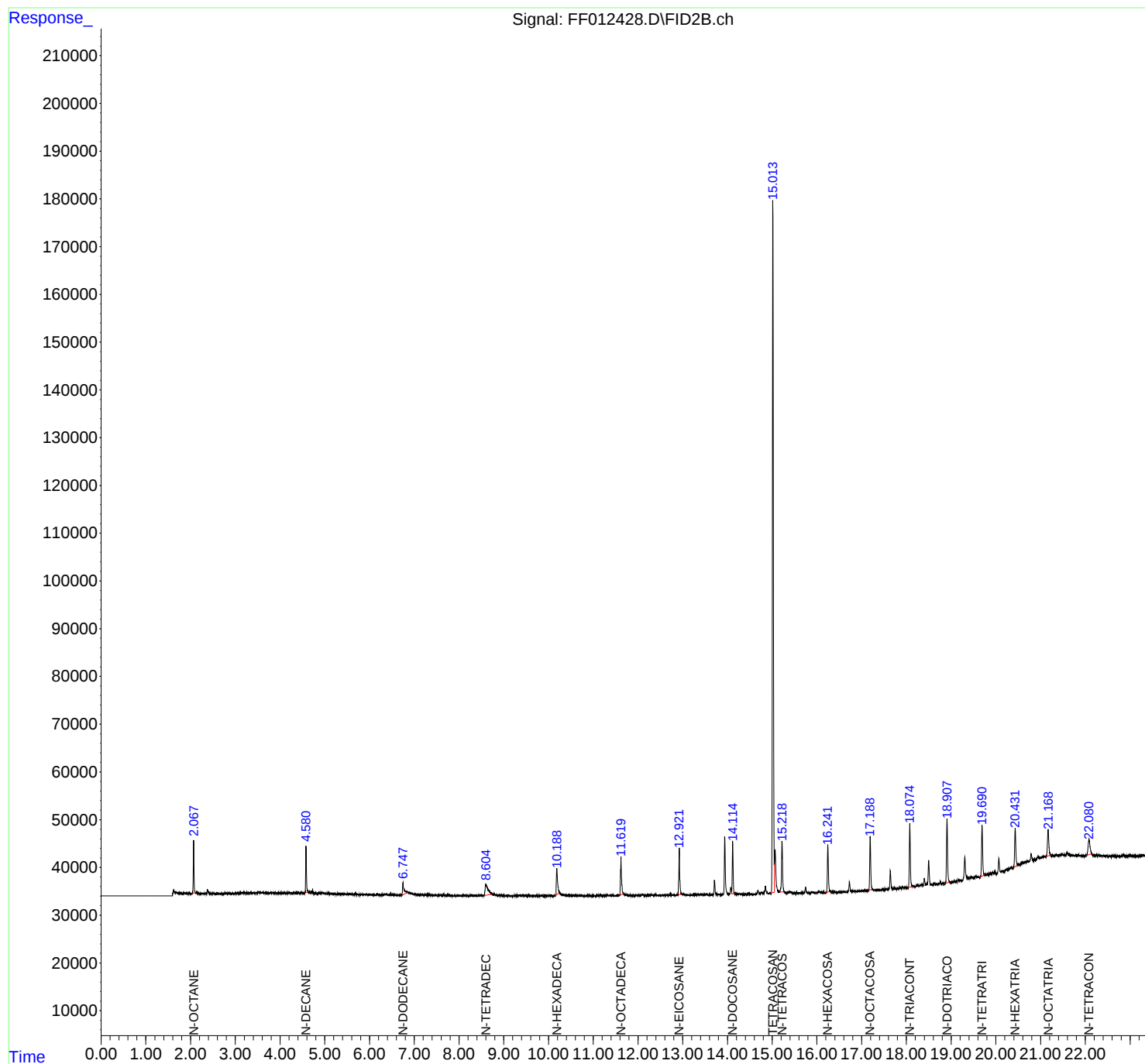
Reviewed By :Yogesh
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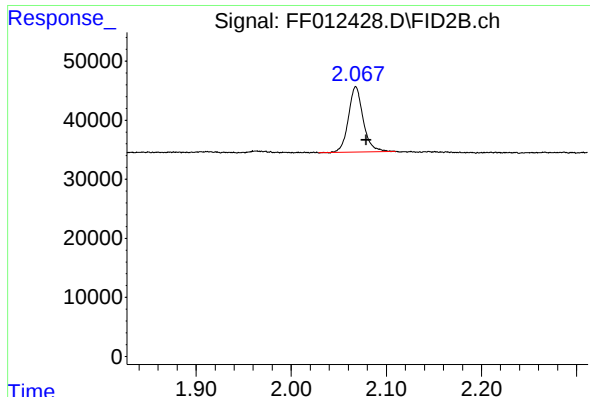
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.068 min
Delta R.T.: -0.011 min
Response: 119804
Conc: 0.94 ug/ml

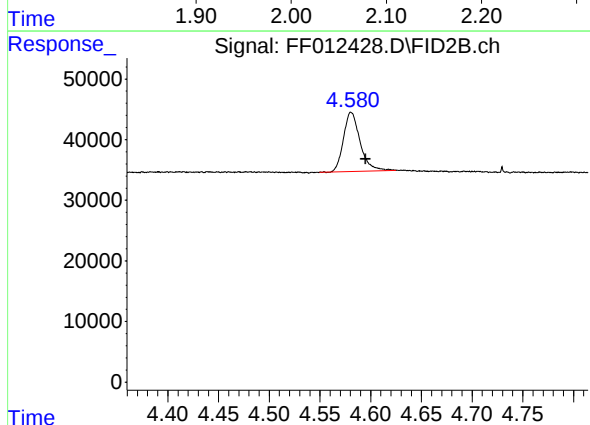
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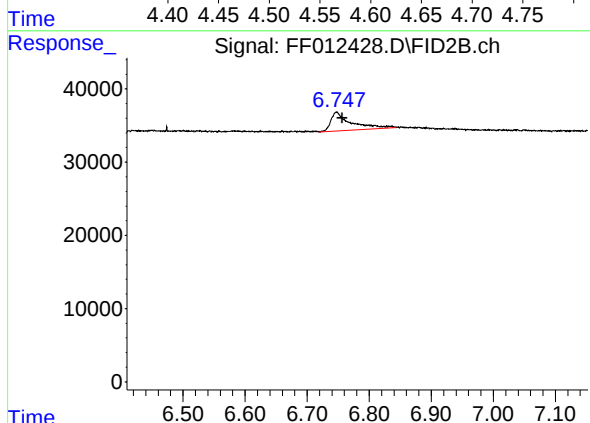
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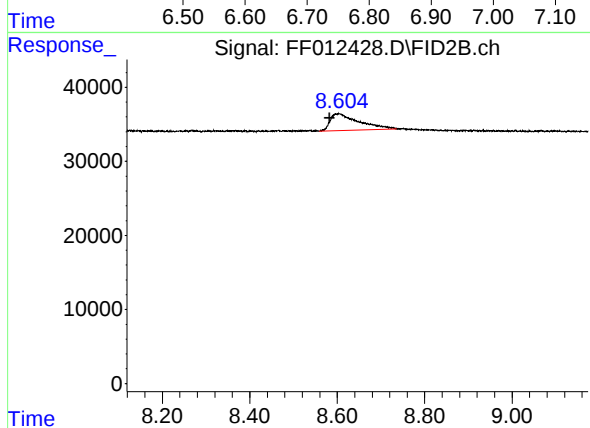
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: -0.014 min
Response: 110901
Conc: 0.89 ug/ml



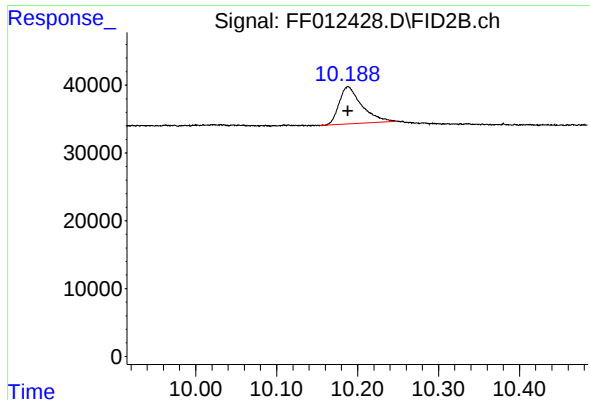
#3 N-DODECANE

R.T.: 6.747 min
Delta R.T.: -0.010 min
Response: 58652
Conc: 0.47 ug/ml m



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: 0.021 min
Response: 103201
Conc: 0.79 ug/ml m



#5 N-HEXADECANE

R.T.: 10.188 min
Delta R.T.: 0.000 min
Response: 105613
Conc: 0.79 ug/ml

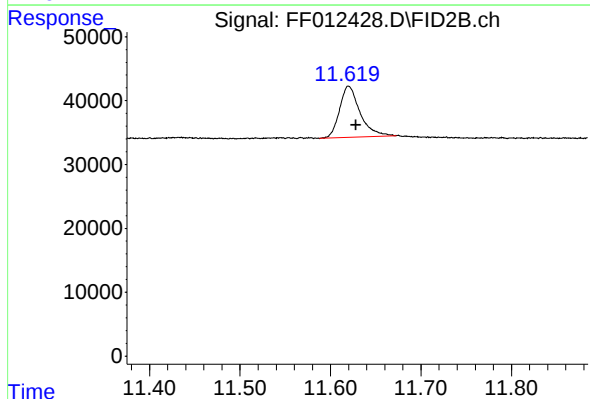
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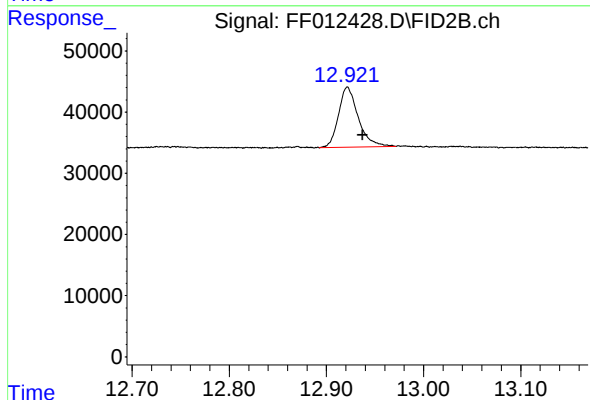
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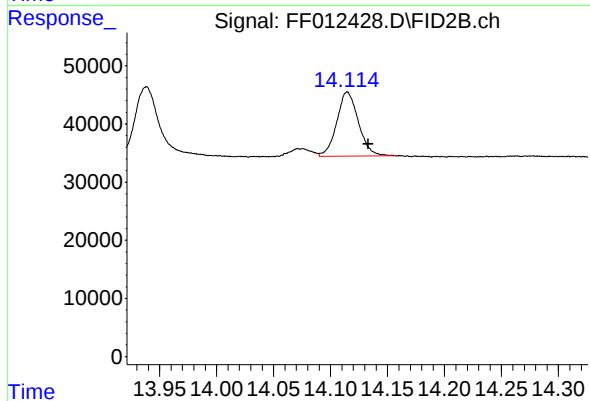
#6 N-OCTADECANE

R.T.: 11.620 min
Delta R.T.: -0.008 min
Response: 125118
Conc: 0.93 ug/ml



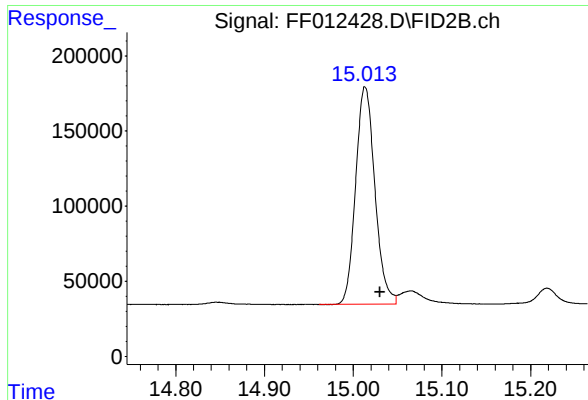
#7 N-EICOSANE

R.T.: 12.922 min
Delta R.T.: -0.016 min
Response: 138974
Conc: 1.04 ug/ml



#8 N-DOCOSANE

R.T.: 14.115 min
Delta R.T.: -0.019 min
Response: 145486
Conc: 1.14 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.013 min
Delta R.T.: -0.017 min
Response: 2181314
Conc: 19.49 ug/ml

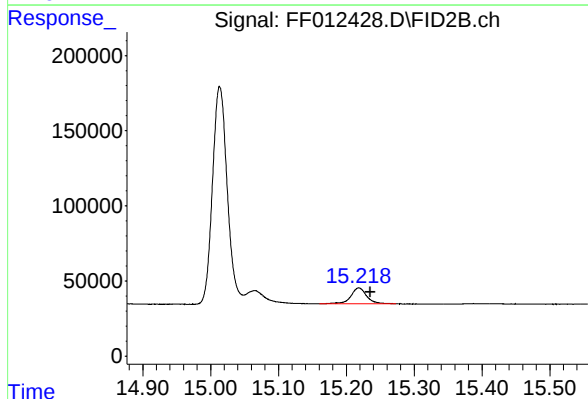
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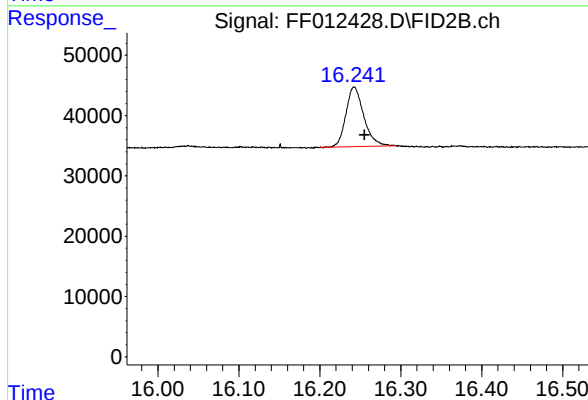
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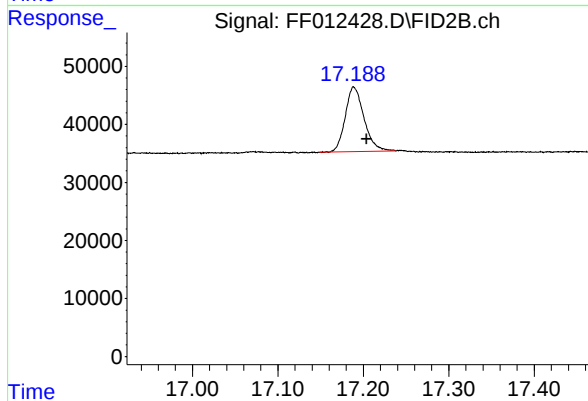
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: -0.017 min
Response: 169775
Conc: 1.36 ug/ml



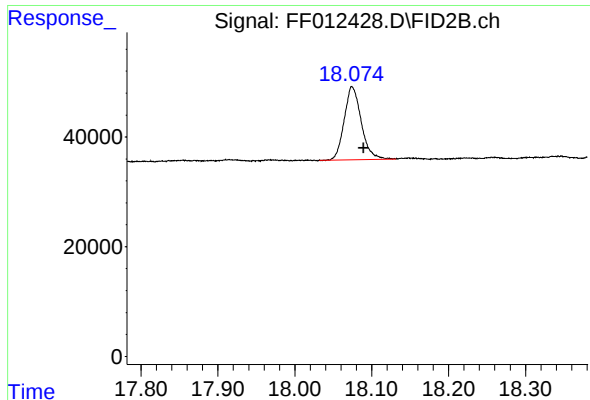
#11 N-HEXACOSANE

R.T.: 16.242 min
Delta R.T.: -0.013 min
Response: 152196
Conc: 1.27 ug/ml



#12 N-OCTACOSANE

R.T.: 17.189 min
Delta R.T.: -0.015 min
Response: 169470
Conc: 1.47 ug/ml



#13 N-TRIACONTANE

R.T.: 18.074 min
Delta R.T.: -0.015 min
Response: 204735
Conc: 1.86 ug/ml

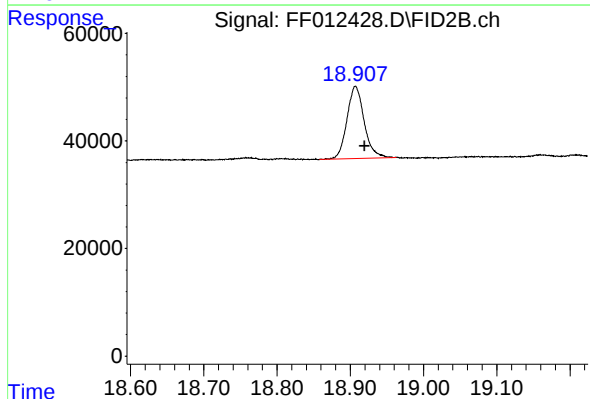
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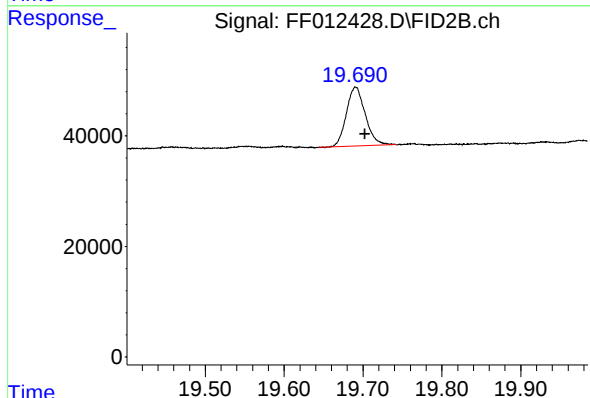
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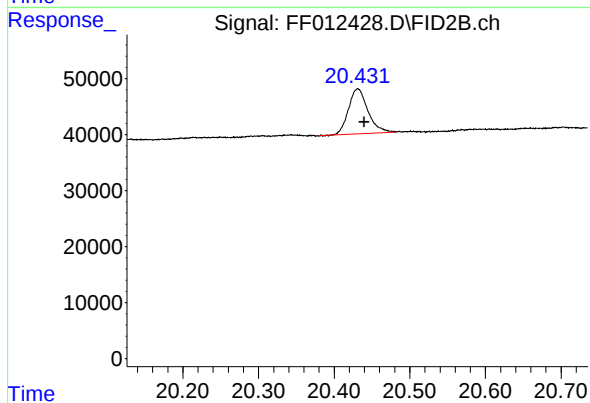
#14 N-DOTRIACONTANE

R.T.: 18.907 min
Delta R.T.: -0.012 min
Response: 218463
Conc: 2.10 ug/ml



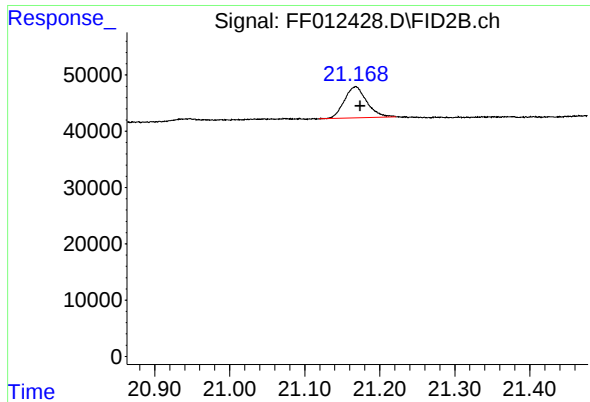
#15 N-TETRATRIACONTANE

R.T.: 19.691 min
Delta R.T.: -0.011 min
Response: 177583
Conc: 1.88 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.431 min
Delta R.T.: -0.009 min
Response: 143900
Conc: 1.64 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: -0.006 min
Response: 114187
Conc: 1.38 ug/ml

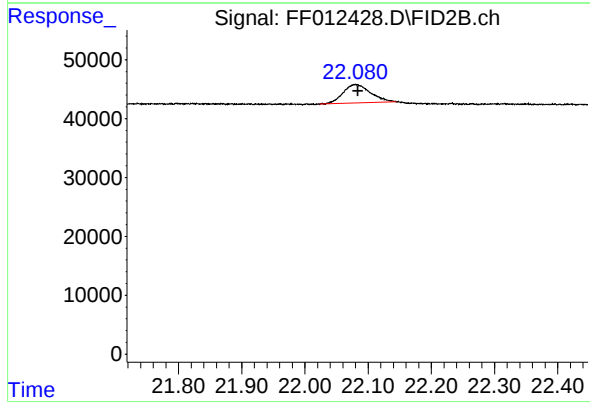
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#18 N-TETRACONTANE

R.T.: 22.080 min
Delta R.T.: -0.004 min
Response: 93648
Conc: 1.15 ug/ml