

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
 Data File : FG014392.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2024 15:11
 Operator : YP\AJ
 Sample : P4368-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 02:16:11 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	2219191	17.922 ug/ml
Target Compounds			
1) N-OCTANE	1.941	311546	2.474 ug/ml
2) N-DECANE	4.433	312384	2.652 ug/ml
3) N-DODECANE	6.605	250319	2.139 ug/mlm
4) N-TETRADECANE	8.469	282025	2.322 ug/mlm
5) N-HEXADECANE	10.064	347834	2.733 ug/ml
6) N-OCTADECANE	11.502	373487	2.794 ug/ml
7) N-EICOSANE	12.809	354435	2.550 ug/ml
8) N-DOCOSANE	14.010	381307	2.780 ug/ml
10) N-TETRACOSANE	15.121	385092	2.794 ug/ml
11) N-HEXACOSANE	16.149	376333	2.722 ug/ml
12) N-OCTACOSANE	17.101	373516	2.726 ug/ml
13) N-TRIACONTANE	17.989	369956	2.668 ug/mlm
14) N-DOTRIACONTANE	18.825	300838	2.207 ug/ml
15) N-TETRATRIACONTANE	19.608	218268	1.658 ug/mlm
16) N-HEXATRIACONTANE	20.351	162865	1.273 ug/mlm
17) N-OCTATRIACONTANE	21.082	160238	1.401 ug/ml
18) N-TETRACONTANE	21.976	136283	1.270 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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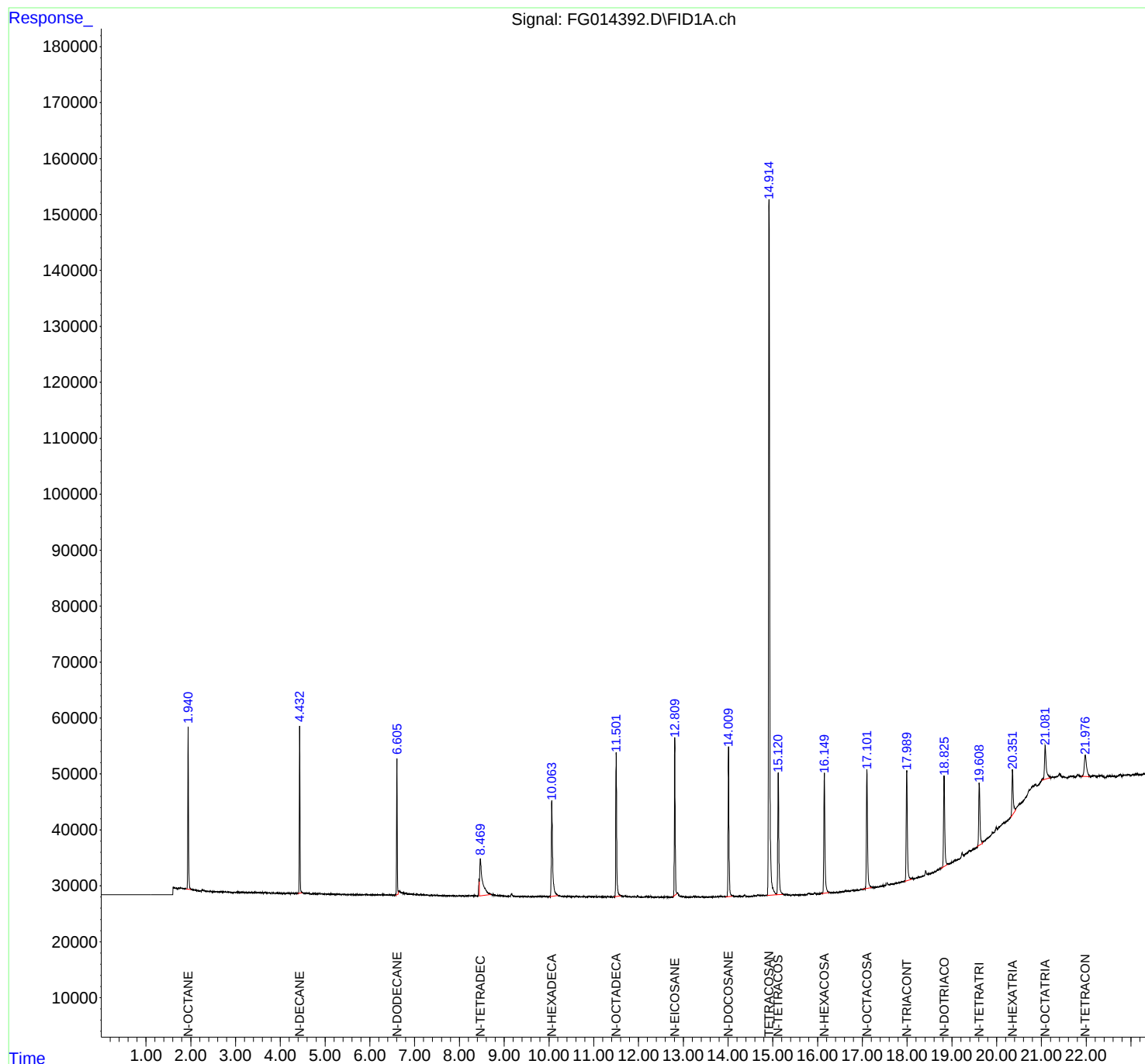
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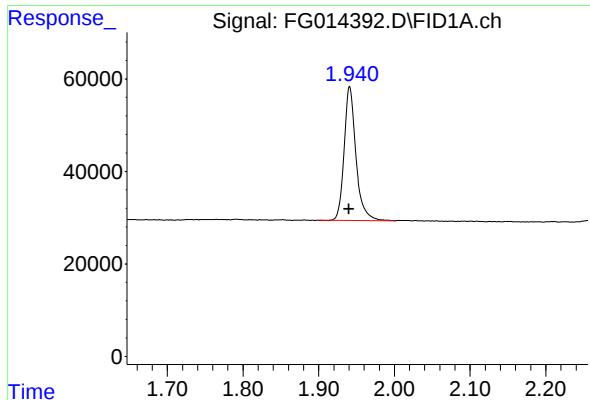
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: 0.000 min
Response: 311546
Conc: 2.47 ug/ml

Instrument :

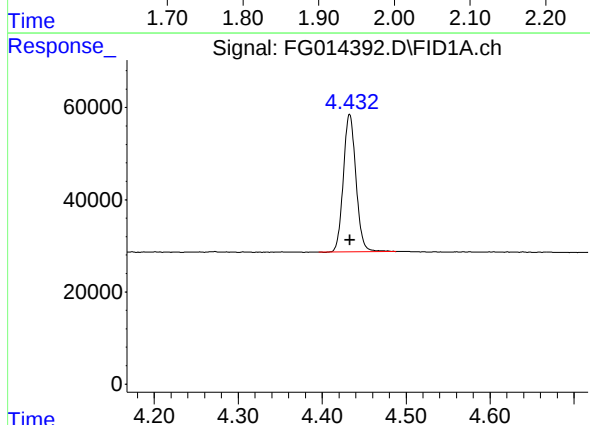
FID_G

ClientSampleId :

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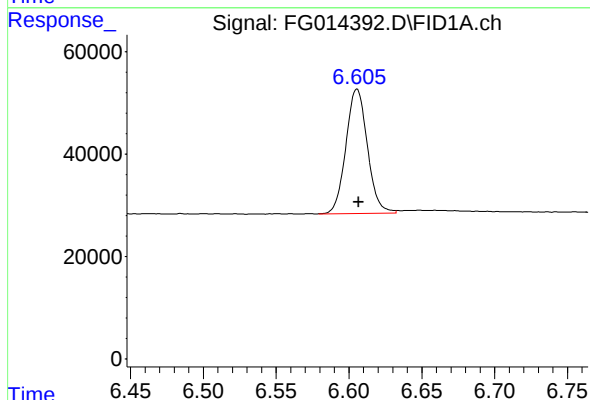
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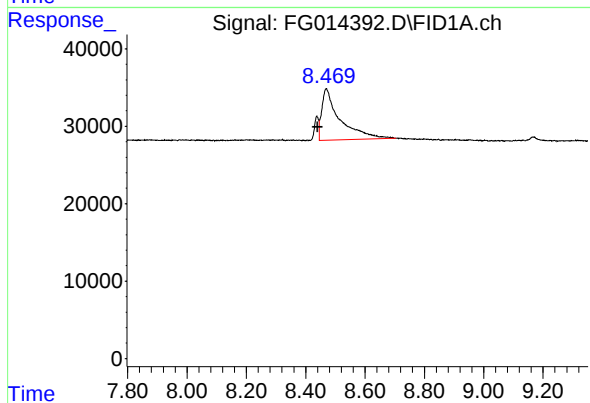
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 312384
Conc: 2.65 ug/ml



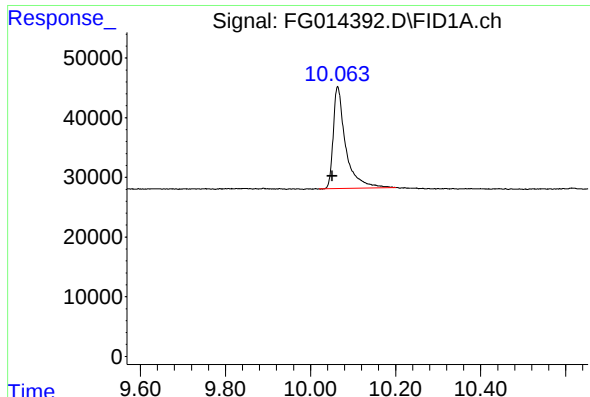
#3 N-DODECANE

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 250319
Conc: 2.14 ug/ml m



#4 N-TETRADECANE

R.T.: 8.469 min
Delta R.T.: 0.028 min
Response: 282025
Conc: 2.32 ug/ml m



#5 N-HEXADECANE

R.T.: 10.064 min
Delta R.T.: 0.013 min
Response: 347834
Conc: 2.73 ug/ml

Instrument :

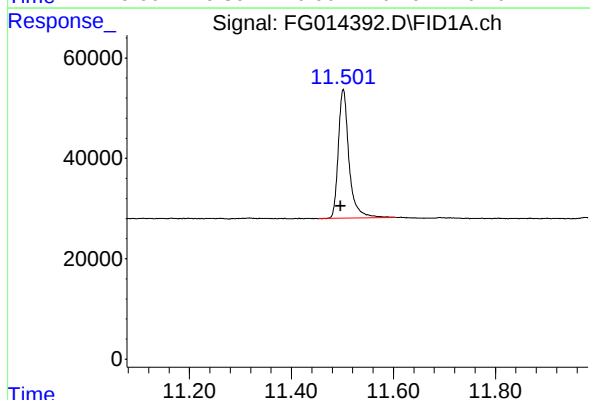
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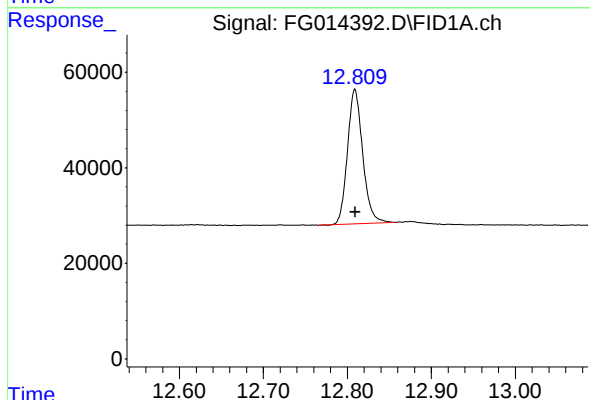
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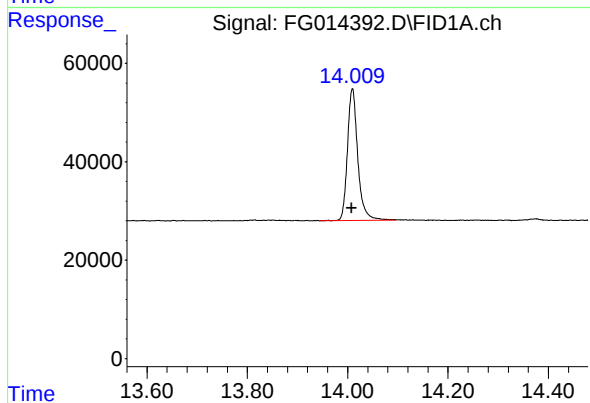
#6 N-OCTADECANE

R.T.: 11.502 min
Delta R.T.: 0.005 min
Response: 373487
Conc: 2.79 ug/ml



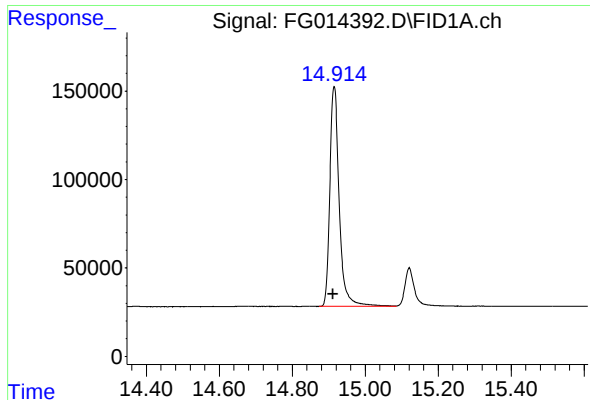
#7 N-EICOSANE

R.T.: 12.809 min
Delta R.T.: 0.000 min
Response: 354435
Conc: 2.55 ug/ml



#8 N-DOCOSANE

R.T.: 14.010 min
Delta R.T.: 0.001 min
Response: 381307
Conc: 2.78 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.915 min
Delta R.T.: 0.004 min
Response: 2219191
Conc: 17.92 ug/ml

Instrument :

FID_G

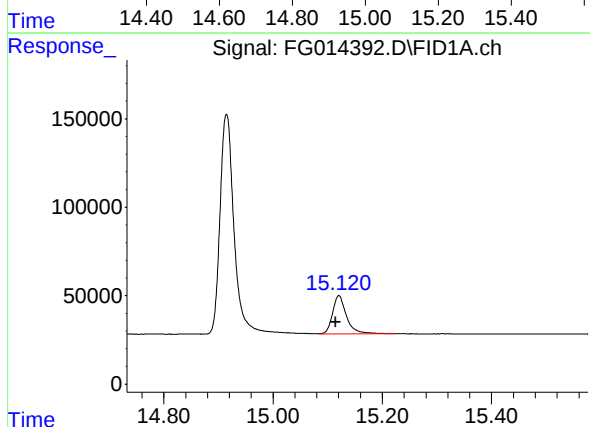
ClientSampleId :

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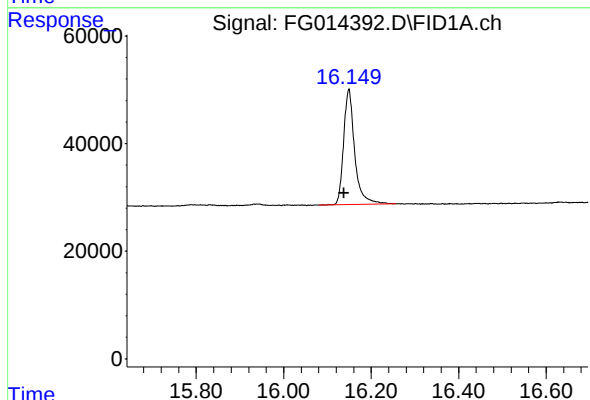
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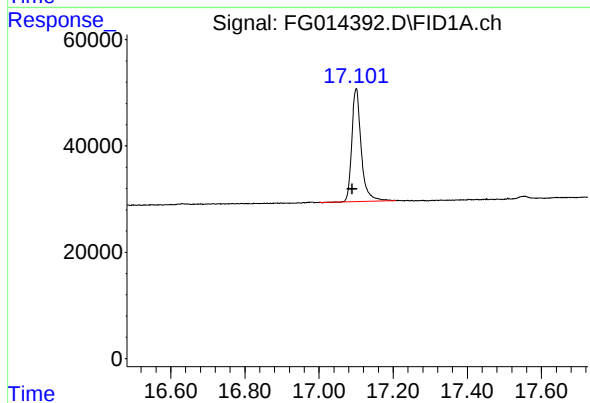
#10 N-TETRACOSANE

R.T.: 15.121 min
Delta R.T.: 0.006 min
Response: 385092
Conc: 2.79 ug/ml



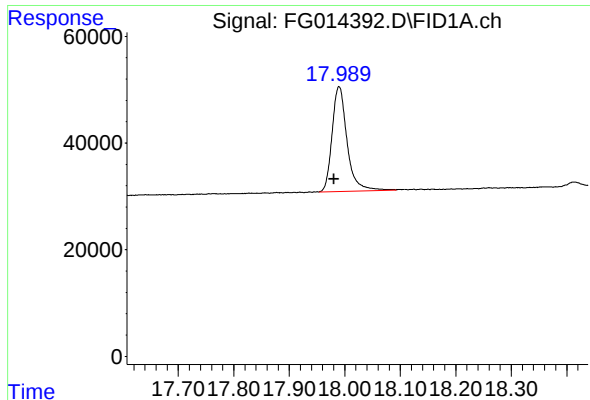
#11 N-HEXACOSANE

R.T.: 16.149 min
Delta R.T.: 0.011 min
Response: 376333
Conc: 2.72 ug/ml



#12 N-OCTACOSANE

R.T.: 17.101 min
Delta R.T.: 0.011 min
Response: 373516
Conc: 2.73 ug/ml



#13 N-TRIACONTANE

R.T.: 17.989 min
Delta R.T.: 0.008 min
Response: 369956
Conc: 2.67 ug/ml

Instrument :

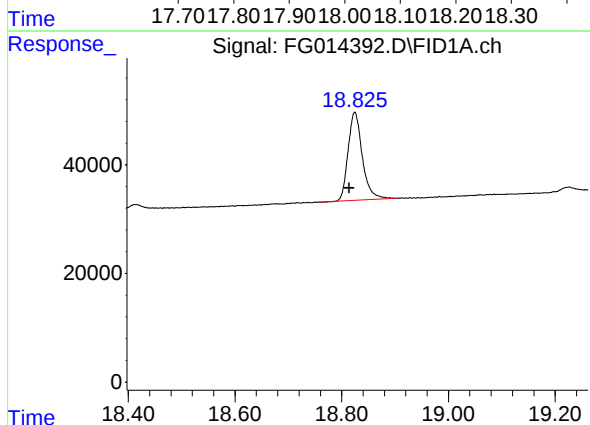
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ClientSampleId :

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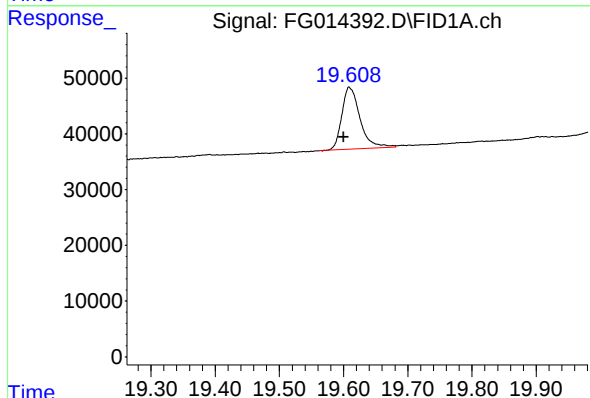
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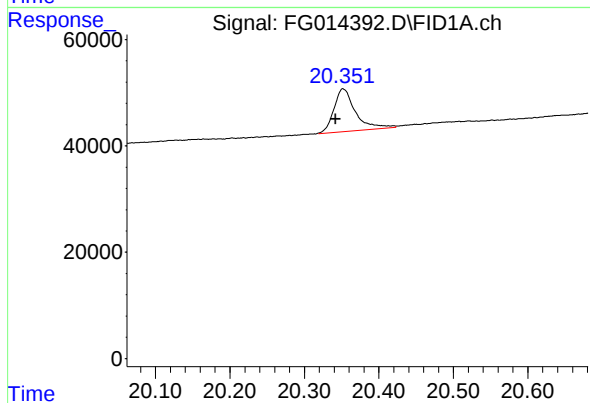
#14 N-DOTRIACONTANE

R.T.: 18.825 min
Delta R.T.: 0.011 min
Response: 300838
Conc: 2.21 ug/ml



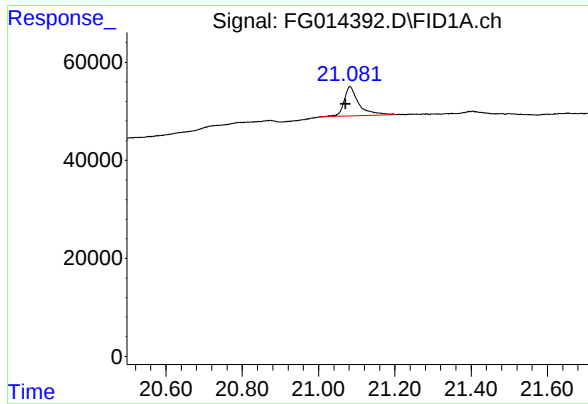
#15 N-TETRATRIACONTANE

R.T.: 19.608 min
Delta R.T.: 0.008 min
Response: 218268
Conc: 1.66 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.351 min
Delta R.T.: 0.009 min
Response: 162865
Conc: 1.27 ug/ml m



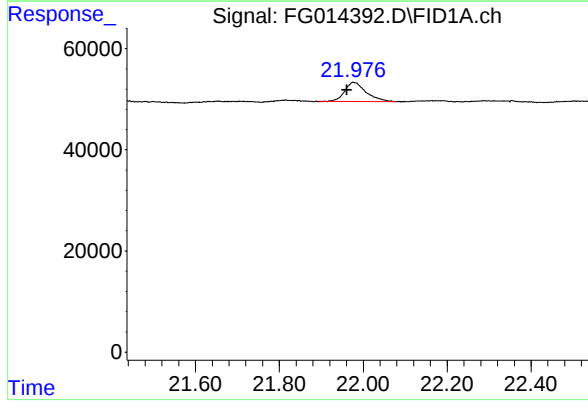
#17 N-OCTATRIACONTANE

R.T.: 21.082 min
Delta R.T.: 0.011 min
Response: 160238
Conc: 1.40 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.976 min
Delta R.T.: 0.015 min
Response: 136283
Conc: 1.27 ug/ml