

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050824\
 Data File : FF014143.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 00:57
 Operator : YP\AJ
 Sample : P2403-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
 Quant Time: May 09 04:38:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:04:30 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...	14.941	1917746	17.575 ug/ml
Target Compounds			
1) N-OCTANE	1.981	233961	2.087 ug/ml
2) N-DECANE	4.495	162104	1.514 ug/ml
3) N-DODECANE	6.661	86883	0.809 ug/ml
4) N-TETRADECANE	8.505	145628	1.310 ug/mlm
5) N-HEXADECANE	10.104	233155	2.020 ug/mlm
6) N-OCTADECANE	11.541	242973	2.036 ug/mlm
7) N-EICOSANE	12.849	288387	2.274 ug/mlm
8) N-DOCOSANE	14.046	260681	2.117 ug/ml
10) N-TETRACOSANE	15.149	273619	2.231 ug/ml
11) N-HEXACOSANE	16.175	256996	2.118 ug/ml
12) N-OCTACOSANE	17.126	256787	2.146 ug/ml
13) N-TRIACONTANE	18.013	271344	2.234 ug/ml
14) N-DOTRIACONTANE	18.844	287708	2.364 ug/ml
15) N-TETRATRIACONTANE	19.628	304623	2.757 ug/ml
16) N-HEXATRIACONTANE	20.370	346800	3.474 ug/ml
17) N-OCTATRIACONTANE	21.101	334898	3.727 ug/ml
18) N-TETRACONTANE	22.008	299972	3.636 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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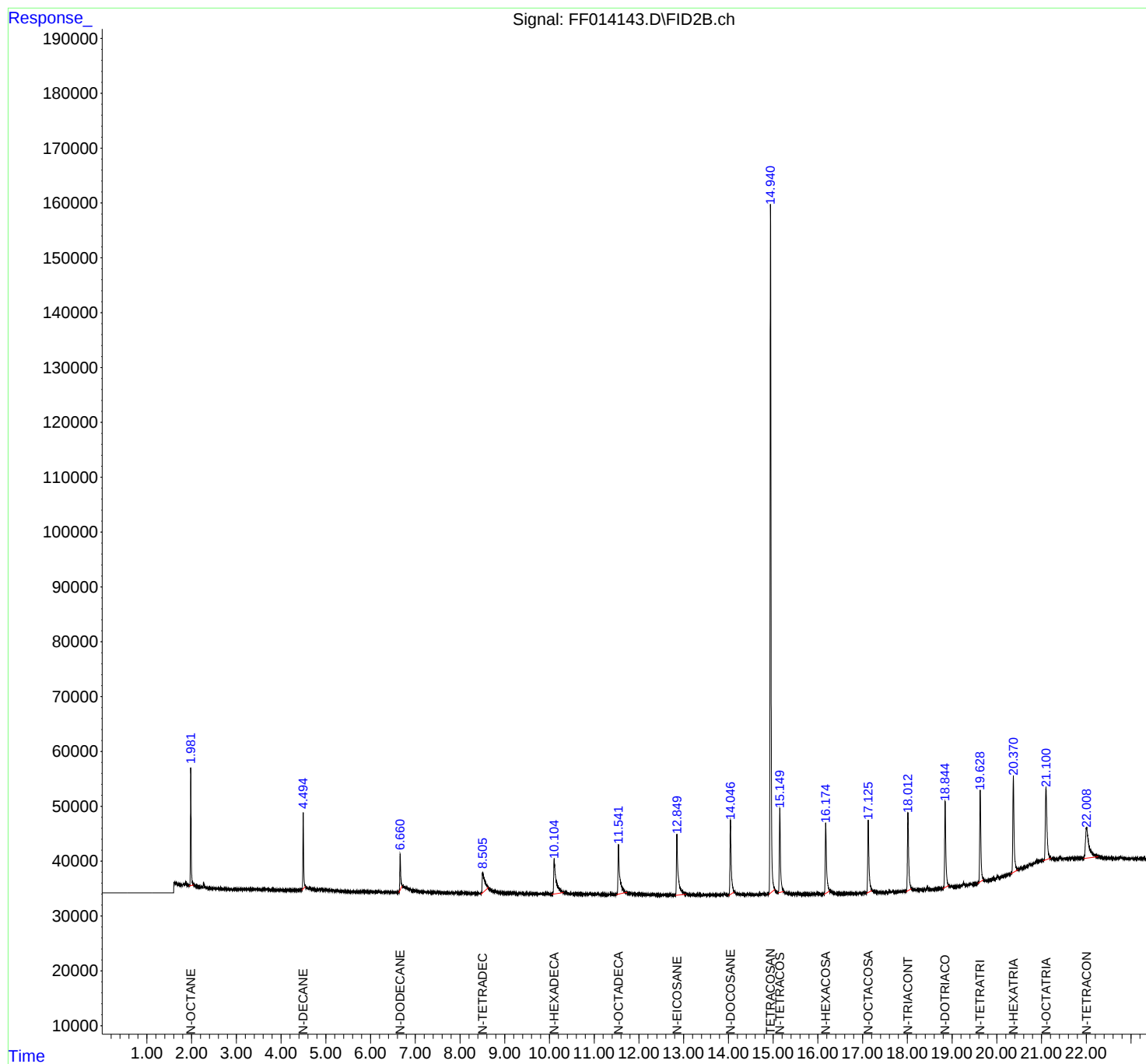
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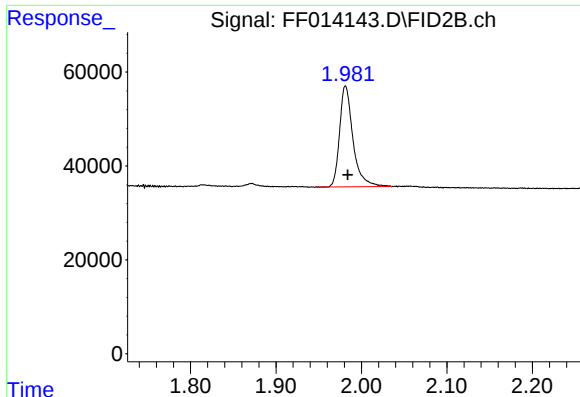
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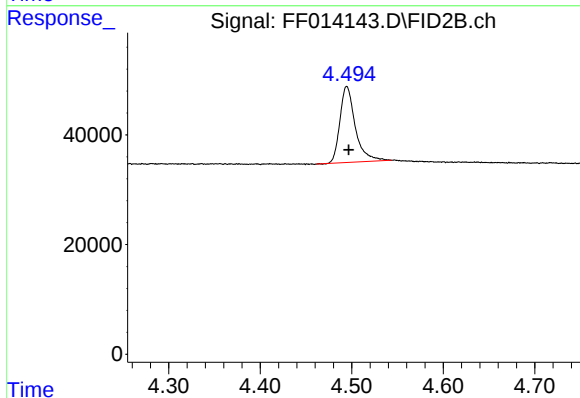
#1 N-OCTANE

R.T.: 1.981 min
Delta R.T.: -0.003 min
Response: 233961
Conc: 2.09 ug/ml

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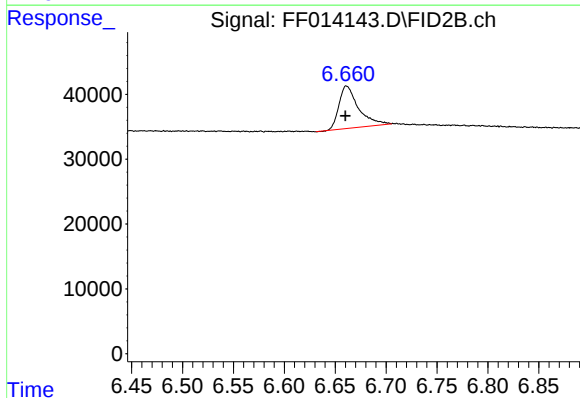
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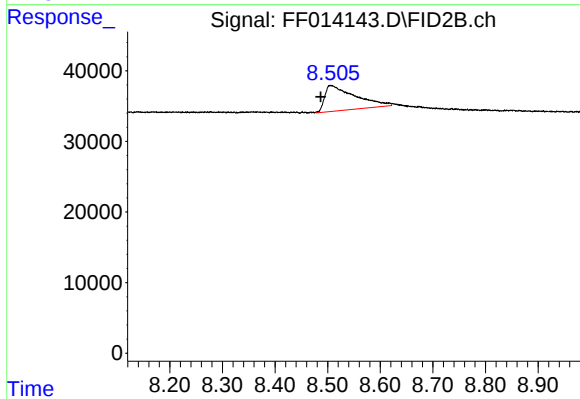
#2 N-DECANE

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 162104
Conc: 1.51 ug/ml



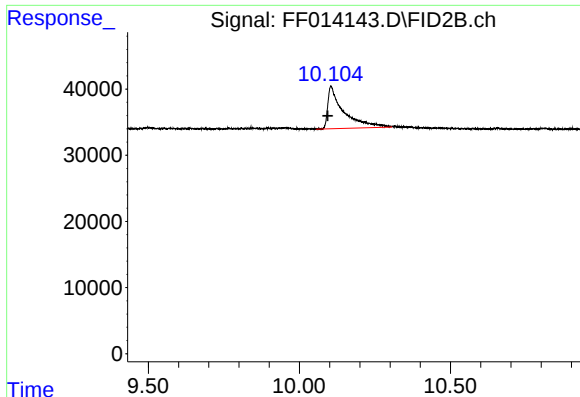
#3 N-DODECANE

R.T.: 6.661 min
Delta R.T.: 0.001 min
Response: 86883
Conc: 0.81 ug/ml



#4 N-TETRADECANE

R.T.: 8.505 min
Delta R.T.: 0.019 min
Response: 145628
Conc: 1.31 ug/ml m



#5 N-HEXADECANE

R.T.: 10.104 min
Delta R.T.: 0.011 min
Response: 233155
Conc: 2.02 ug/ml

Instrument :

FID_F

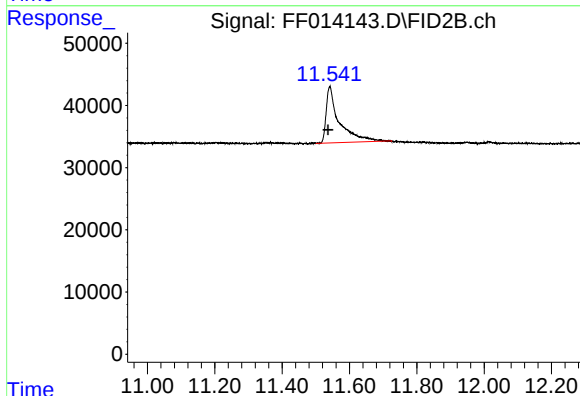
ClientSampleId :

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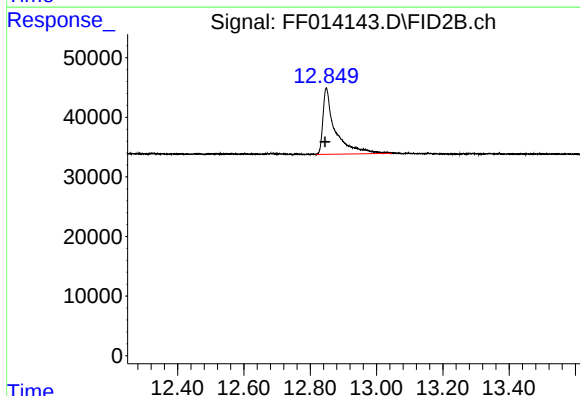
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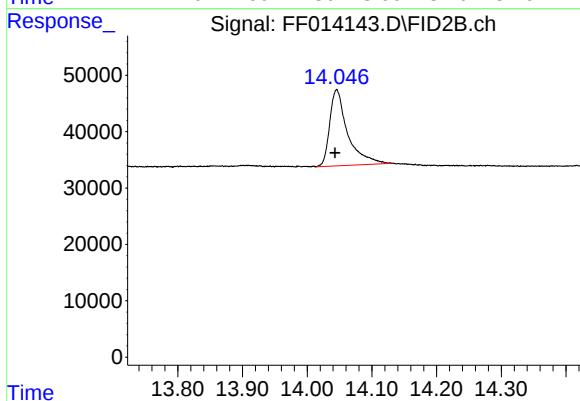
#6 N-OCTADECANE

R.T.: 11.541 min
Delta R.T.: 0.005 min
Response: 242973
Conc: 2.04 ug/ml m



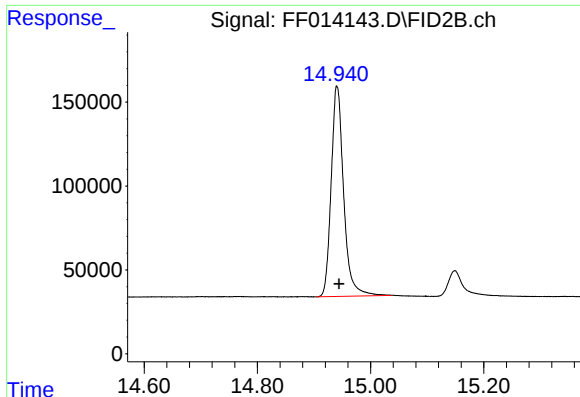
#7 N-EICOSANE

R.T.: 12.849 min
Delta R.T.: 0.004 min
Response: 288387
Conc: 2.27 ug/ml m



#8 N-DOCOSANE

R.T.: 14.046 min
Delta R.T.: 0.002 min
Response: 260681
Conc: 2.12 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.941 min
Delta R.T.: -0.004 min
Response: 1917746
Conc: 17.58 ug/ml

Instrument :

FID_F

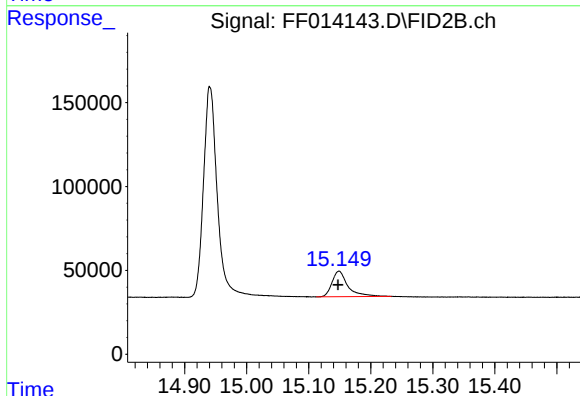
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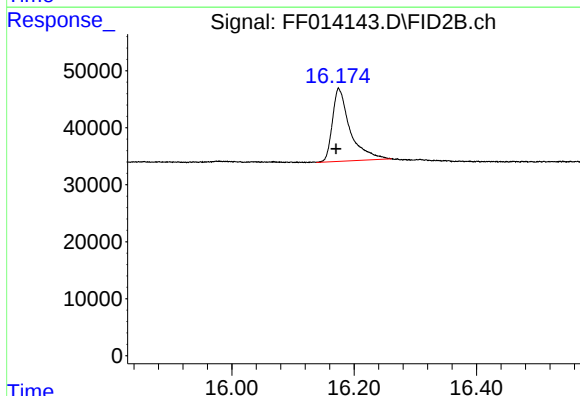
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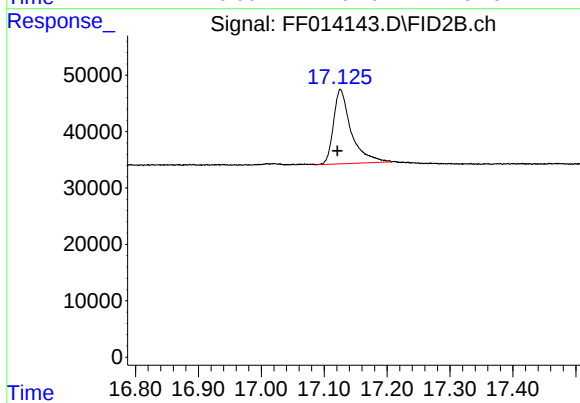
#10 N-TETRACOSANE

R.T.: 15.149 min
Delta R.T.: 0.002 min
Response: 273619
Conc: 2.23 ug/ml



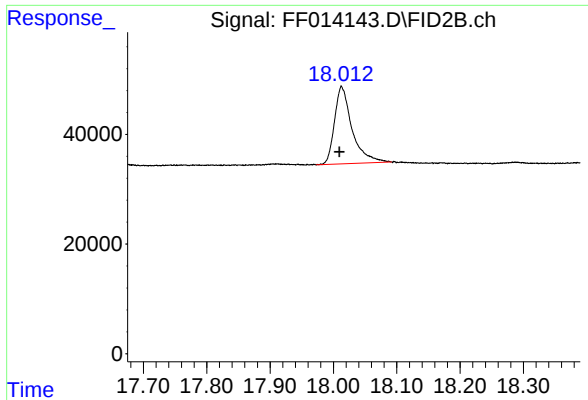
#11 N-HEXACOSANE

R.T.: 16.175 min
Delta R.T.: 0.004 min
Response: 256996
Conc: 2.12 ug/ml



#12 N-OCTACOSANE

R.T.: 17.126 min
Delta R.T.: 0.005 min
Response: 256787
Conc: 2.15 ug/ml



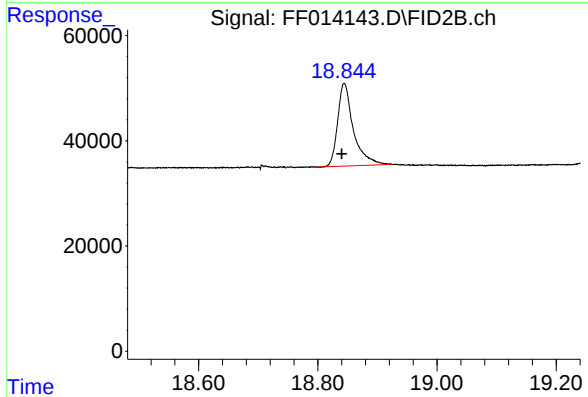
#13 N-TRIACONTANE

R.T.: 18.013 min
Delta R.T.: 0.003 min
Response: 271344
Conc: 2.23 ug/ml

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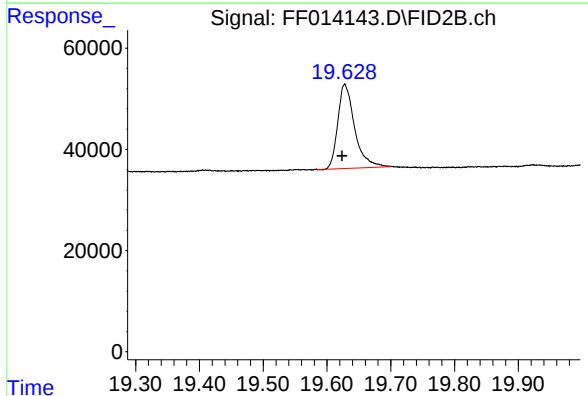
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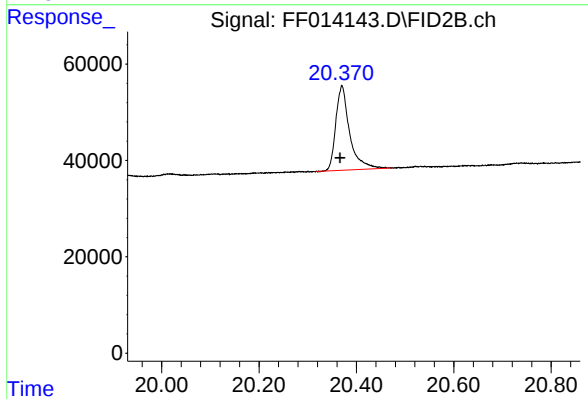
#14 N-DOTRIACONTANE

R.T.: 18.844 min
Delta R.T.: 0.004 min
Response: 287708
Conc: 2.36 ug/ml



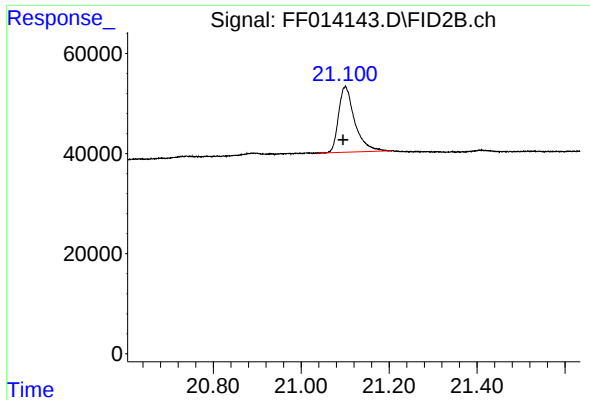
#15 N-TETRATRIACONTANE

R.T.: 19.628 min
Delta R.T.: 0.004 min
Response: 304623
Conc: 2.76 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.370 min
Delta R.T.: 0.004 min
Response: 346800
Conc: 3.47 ug/ml



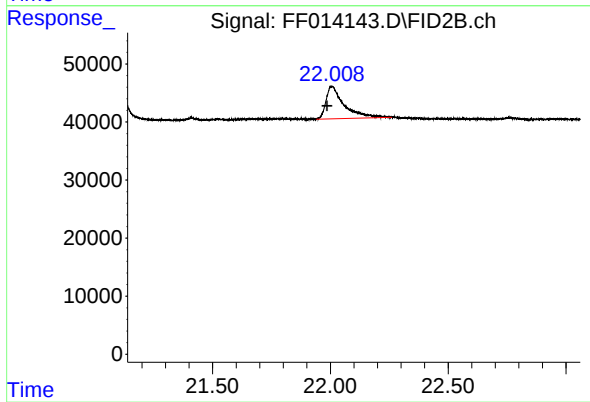
#17 N-OCTATRIACONTANE

R.T.: 21.101 min
Delta R.T.: 0.005 min
Response: 334898
Conc: 3.73 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.008 min
Delta R.T.: 0.022 min
Response: 299972
Conc: 3.64 ug/ml m