

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050824\
 Data File : FF014139.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 22:59
 Operator : YP\AJ
 Sample : P2403-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-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 04:37:03 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...	14.942	2377604	21.790 ug/ml
Target Compounds			
1) N-OCTANE	1.984	120961	1.079 ug/ml
2) N-DECANE	4.496	81261	0.759 ug/mlm
3) N-DODECANE	6.675	16109	0.150 ug/mlm
4) N-TETRADECANE	8.548f	138392	1.244 ug/mlm
5) N-HEXADECANE	10.131	139042	1.204 ug/mlm
6) N-OCTADECANE	11.556	116079	0.973 ug/mlm
7) N-EICOSANE	12.859	151494	1.195 ug/mlm
8) N-DOCOSANE	14.051	127480	1.035 ug/ml
10) N-TETRACOSANE	15.149	136825	1.116 ug/ml
11) N-HEXACOSANE	16.190	121666	1.003 ug/ml
12) N-OCTACOSANE	17.137	127199	1.063 ug/ml
13) N-TRIACONTANE	18.024	142185	1.171 ug/ml
14) N-DOTRIACONTANE	18.856	188017	1.545 ug/ml
15) N-TETRATRIACONTANE	19.637	176591	1.598 ug/ml
16) N-HEXATRIACONTANE	20.379	207868	2.082 ug/ml
17) N-OCTATRIACONTANE	21.115	187458	2.086 ug/ml
18) N-TETRACONTANE	22.027	186668	2.263 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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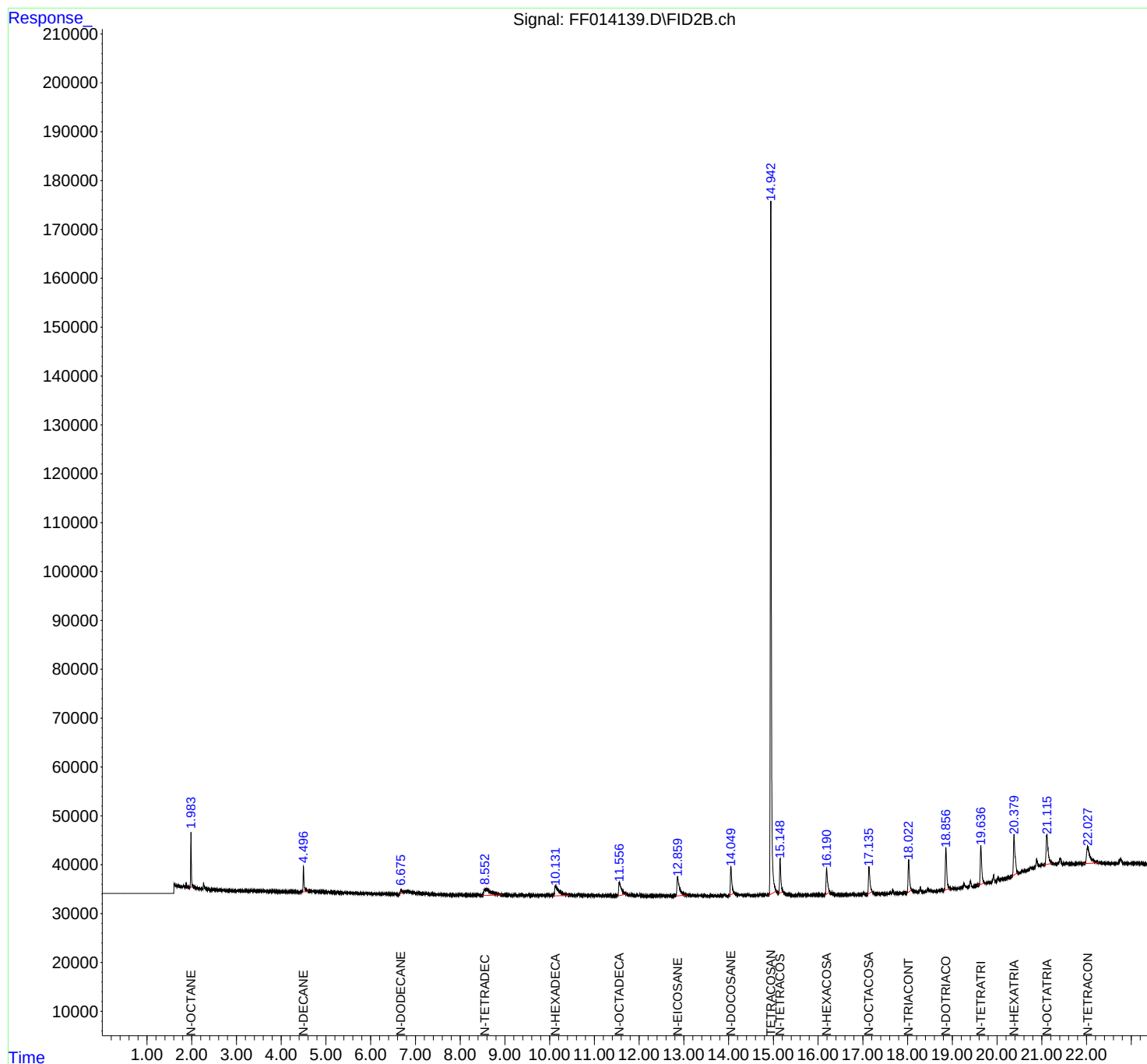
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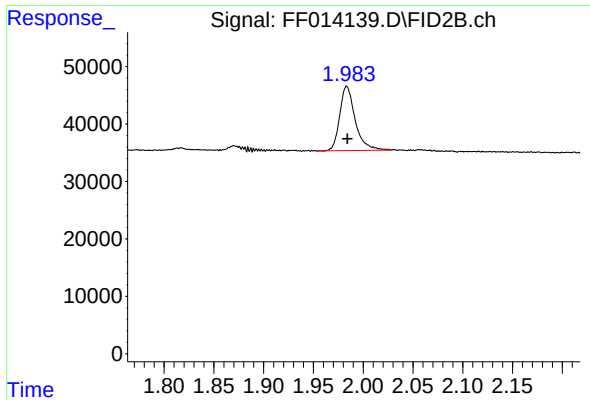
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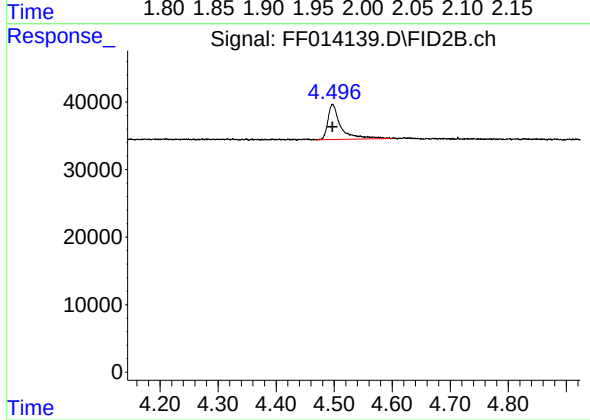
#1 N-OCTANE

R.T.: 1.984 min
Delta R.T.: 0.000 min
Response: 120961
Conc: 1.08 ug/ml

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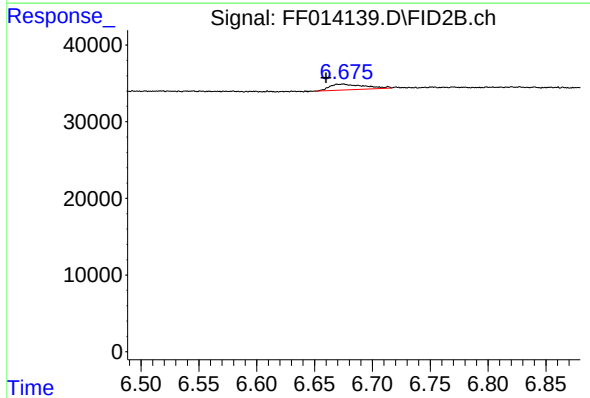
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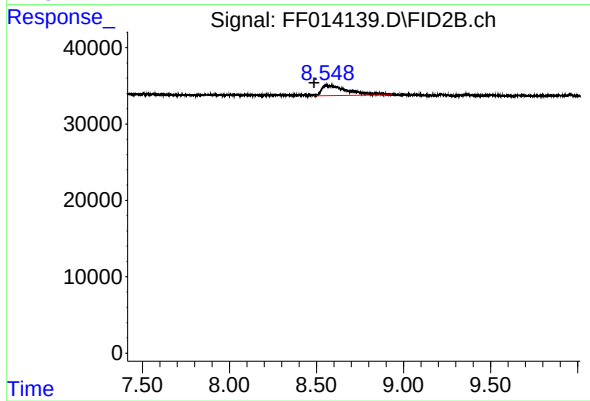
#2 N-DECANE

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 81261
Conc: 0.76 ug/ml m



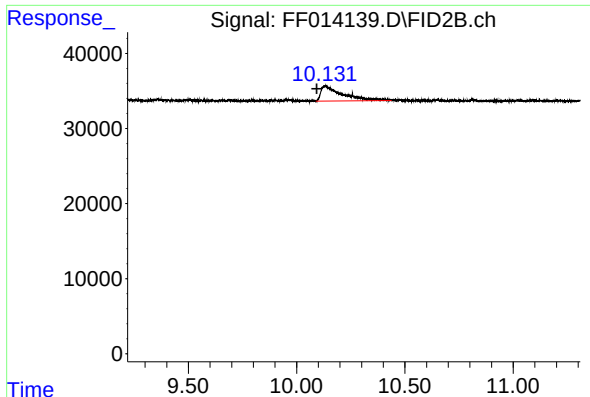
#3 N-DODECANE

R.T.: 6.675 min
Delta R.T.: 0.015 min
Response: 16109
Conc: 0.15 ug/ml m



#4 N-TETRADECANE

R.T.: 8.548 min
Delta R.T.: 0.062 min
Response: 138392
Conc: 1.24 ug/ml m



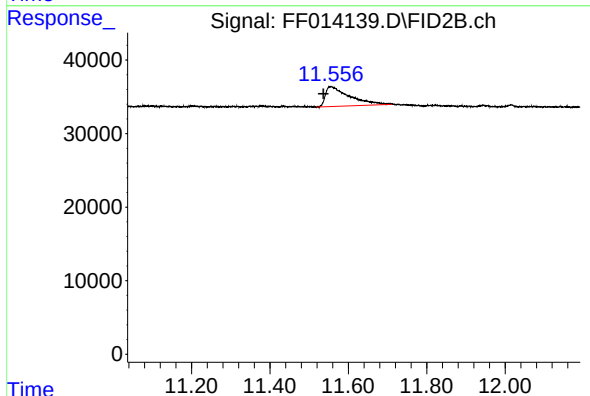
#5 N-HEXADECANE

R.T.: 10.131 min
Delta R.T.: 0.037 min
Response: 139042
Conc: 1.20 ug/ml

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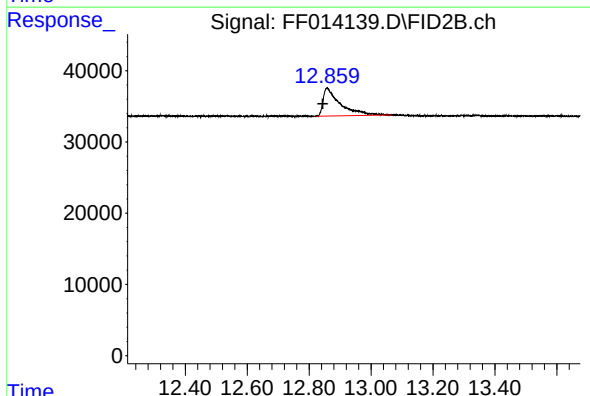
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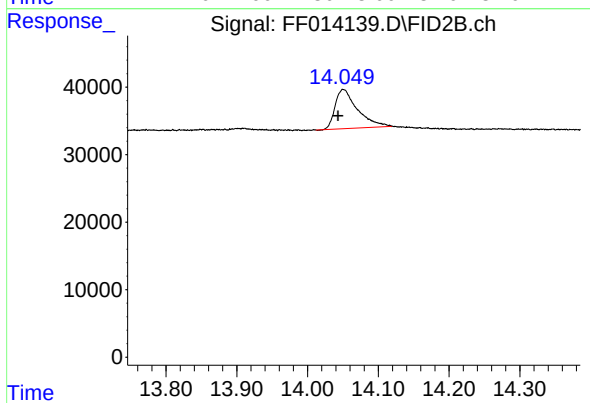
#6 N-OCTADECANE

R.T.: 11.556 min
Delta R.T.: 0.020 min
Response: 116079
Conc: 0.97 ug/ml m



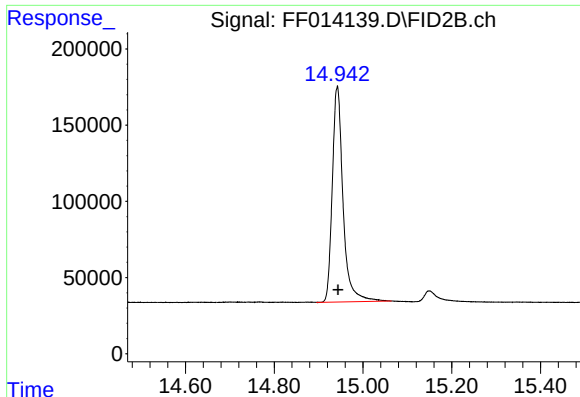
#7 N-EICOSANE

R.T.: 12.859 min
Delta R.T.: 0.015 min
Response: 151494
Conc: 1.19 ug/ml m



#8 N-DOCOSANE

R.T.: 14.051 min
Delta R.T.: 0.007 min
Response: 127480
Conc: 1.04 ug/ml



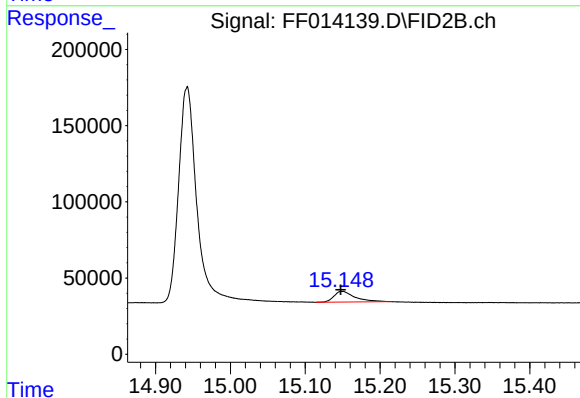
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.942 min
Delta R.T.: -0.002 min
Response: 2377604
Conc: 21.79 ug/ml

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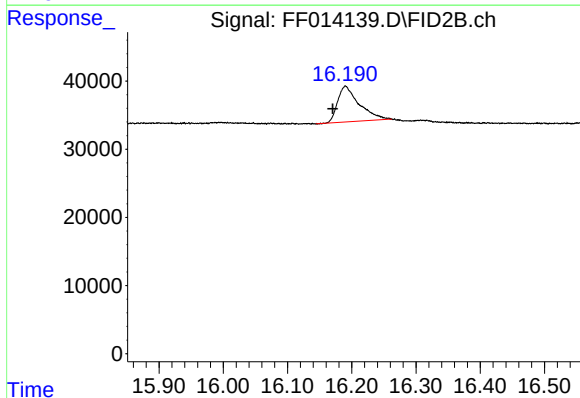
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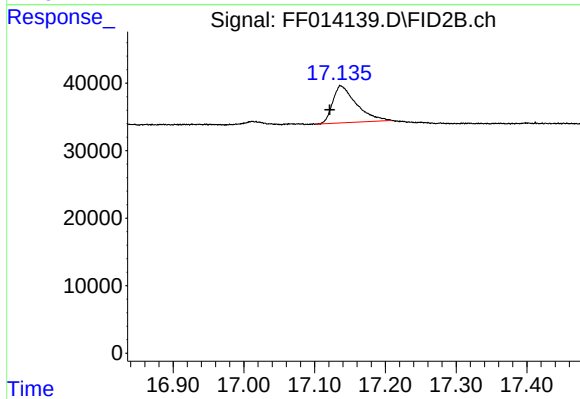
#10 N-TETRACOSANE

R.T.: 15.149 min
Delta R.T.: 0.002 min
Response: 136825
Conc: 1.12 ug/ml



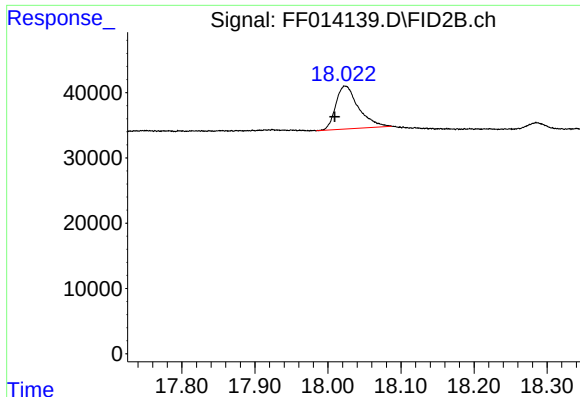
#11 N-HEXACOSANE

R.T.: 16.190 min
Delta R.T.: 0.020 min
Response: 121666
Conc: 1.00 ug/ml



#12 N-OCTACOSANE

R.T.: 17.137 min
Delta R.T.: 0.016 min
Response: 127199
Conc: 1.06 ug/ml



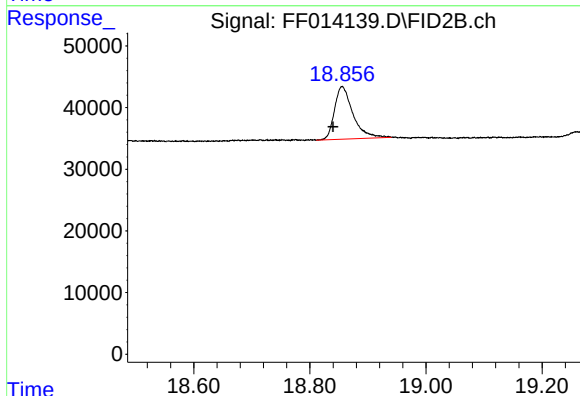
#13 N-TRIACONTANE

R.T.: 18.024 min
Delta R.T.: 0.014 min
Response: 142185
Conc: 1.17 ug/ml

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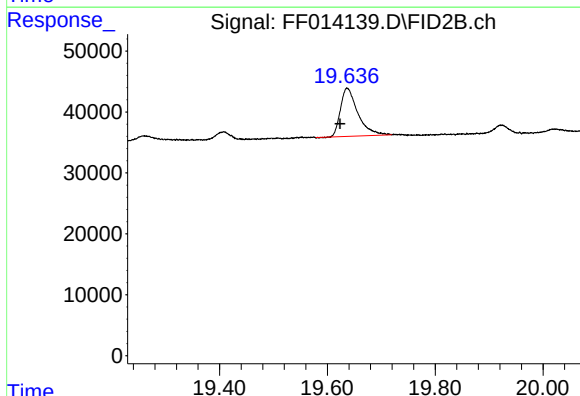
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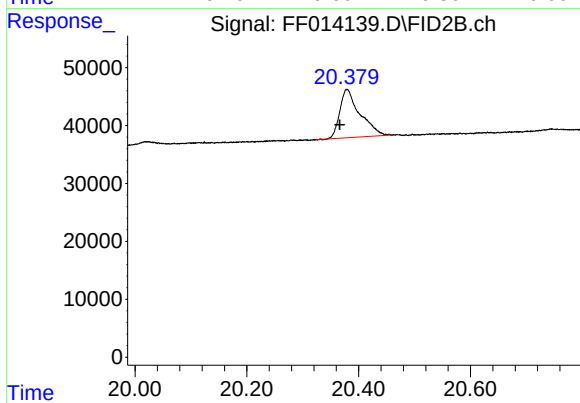
#14 N-DOTRIACONTANE

R.T.: 18.856 min
Delta R.T.: 0.016 min
Response: 188017
Conc: 1.54 ug/ml



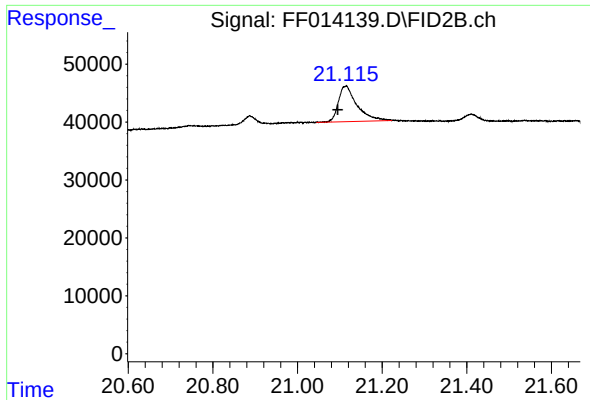
#15 N-TETRATRIACONTANE

R.T.: 19.637 min
Delta R.T.: 0.013 min
Response: 176591
Conc: 1.60 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.379 min
Delta R.T.: 0.013 min
Response: 207868
Conc: 2.08 ug/ml



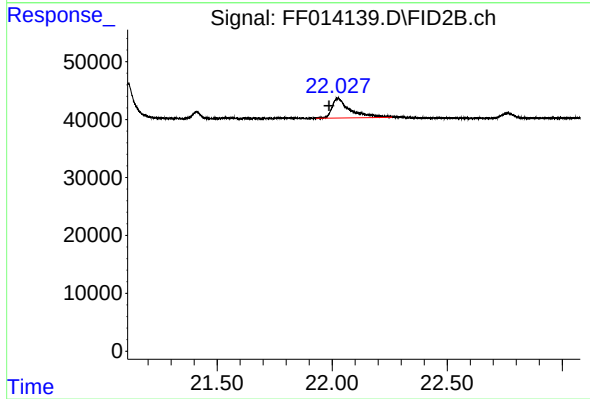
#17 N-OCTATRIACONTANE

R.T.: 21.115 min
Delta R.T.: 0.020 min
Response: 187458
Conc: 2.09 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.027 min
Delta R.T.: 0.041 min
Response: 186668
Conc: 2.26 ug/ml m