

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080723\
 Data File : FF013134.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 20:53
 Operator : YP\AJ
 Sample : 03572-06
 Misc : TPH GC MDL 1 PPM
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-06-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2023
 Supervised By :Ankita Jodhani 08/08/2023

Integration File: autoint1.e
 Quant Time: Aug 08 04:42:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080223.M
 Quant Title :
 QLast Update : Wed Aug 02 19:16:13 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...	14.987	2116749	19.639 ug/ml
Target Compounds			
1) N-OCTANE	2.013	101563	0.899 ug/ml
2) N-DECANE	4.539	119384	1.026 ug/ml
3) N-DODECANE	6.704	119773	1.022 ug/ml
4) N-TETRADECANE	8.528	124365	1.055 ug/ml
5) N-HEXADECANE	10.136	122961	1.031 ug/ml
6) N-OCTADECANE	11.579	127889	1.053 ug/ml
7) N-EICOSANE	12.889	125935	1.042 ug/ml
8) N-DOCOSANE	14.086	126230	1.046 ug/ml
10) N-TETRACOSANE	15.189	129177	1.055 ug/ml
11) N-HEXACOSANE	16.209	129719	1.041 ug/ml
12) N-OCTACOSANE	17.157	138460	1.120 ug/ml
13) N-TRIACONTANE	18.044	164052	1.351 ug/ml
14) N-DOTRIACONTANE	18.875	204391	1.814 ug/ml
15) N-TETRATRIACONTANE	19.658	152277	1.529 ug/ml
16) N-HEXATRIACONTANE	20.395	121596	1.360 ug/mlm
17) N-OCTATRIACONTANE	21.126	98500	1.255 ug/ml
18) N-TETRACONTANE	22.025	87452	1.161 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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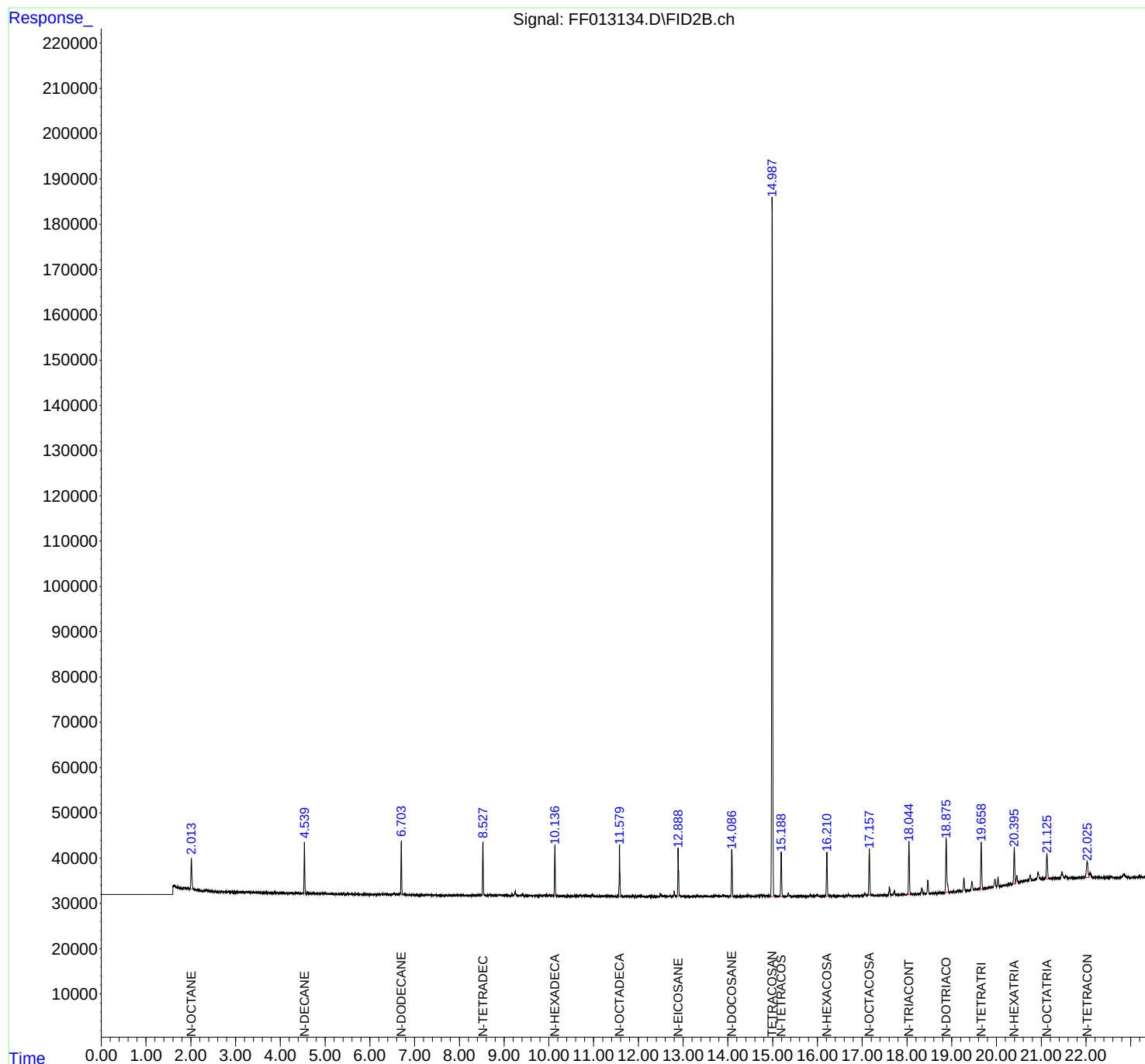
Instrument :
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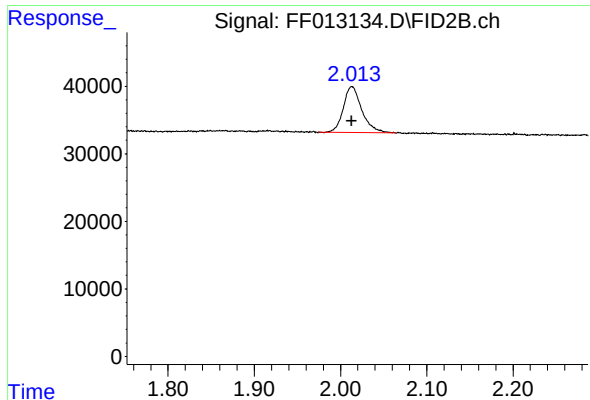
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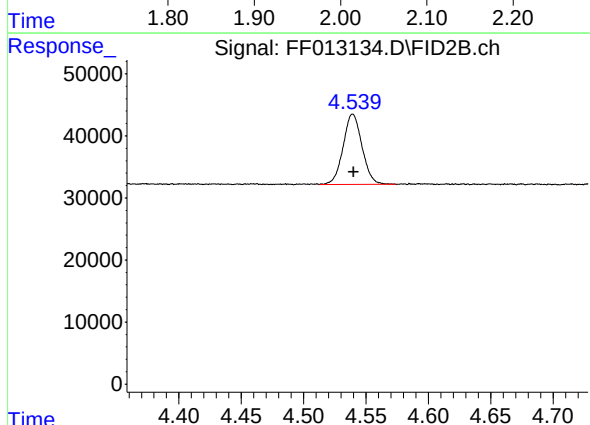
#1 N-OCTANE

R.T.: 2.013 min
Delta R.T.: 0.000 min
Response: 101563
Conc: 0.90 ug/ml

Instrument :
FID_F
ClientSampleId :
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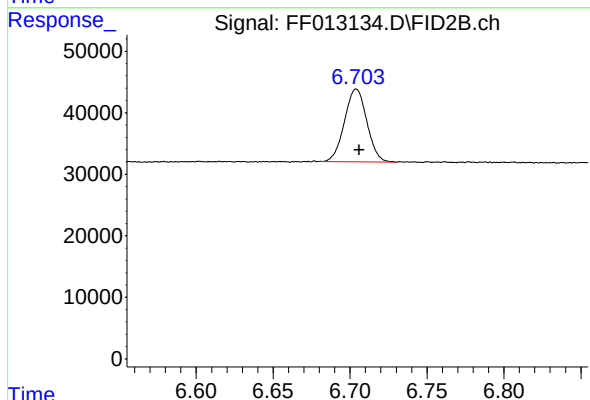
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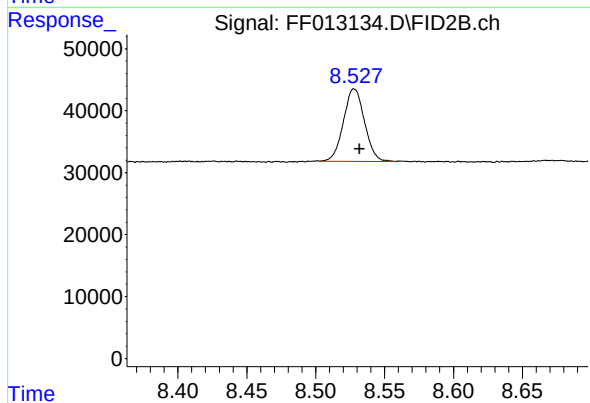
#2 N-DECANE

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 119384
Conc: 1.03 ug/ml



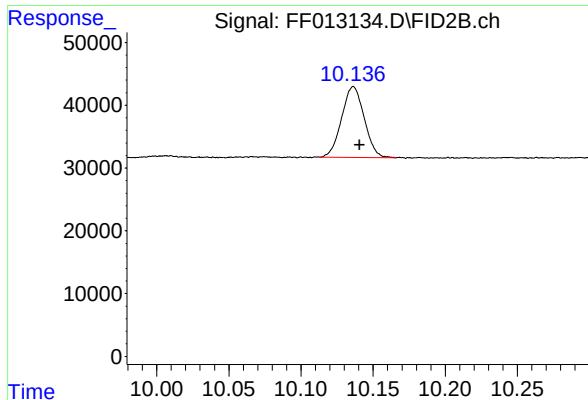
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 119773
Conc: 1.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.528 min
Delta R.T.: -0.004 min
Response: 124365
Conc: 1.06 ug/ml



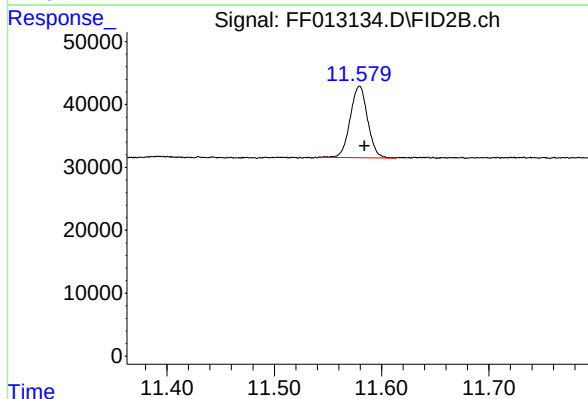
#5 N-HEXADECANE

R.T.: 10.136 min
Delta R.T.: -0.004 min
Response: 122961
Conc: 1.03 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-06-QT3-2023

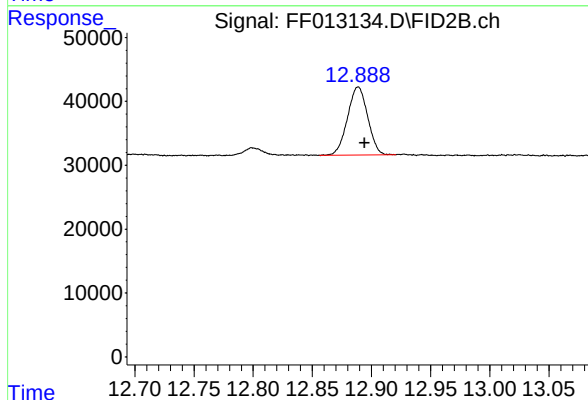
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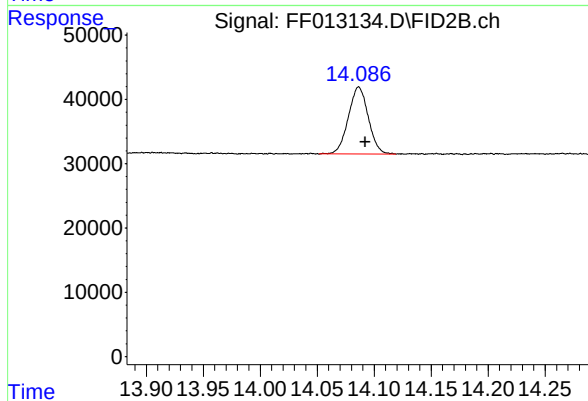
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.005 min
Response: 127889
Conc: 1.05 ug/ml



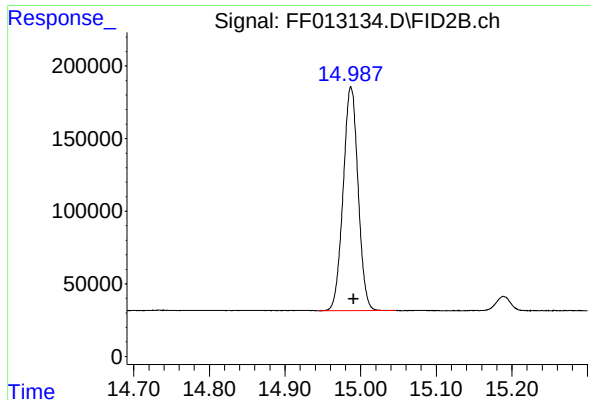
#7 N-EICOSANE

R.T.: 12.889 min
Delta R.T.: -0.005 min
Response: 125935
Conc: 1.04 ug/ml



#8 N-DOCOSANE

R.T.: 14.086 min
Delta R.T.: -0.006 min
Response: 126230
Conc: 1.05 ug/ml



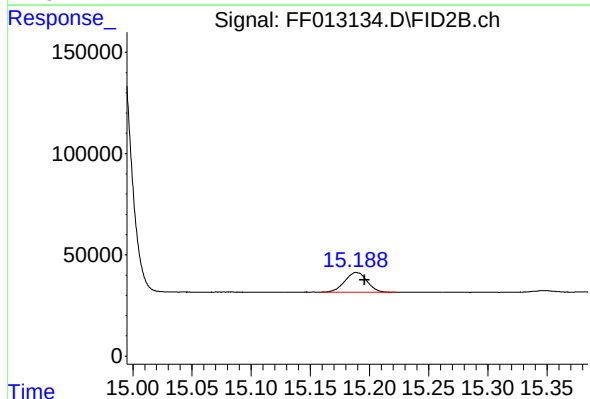
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.987 min
Delta R.T.: -0.003 min
Response: 2116749
Conc: 19.64 ug/ml

Instrument : FID_F
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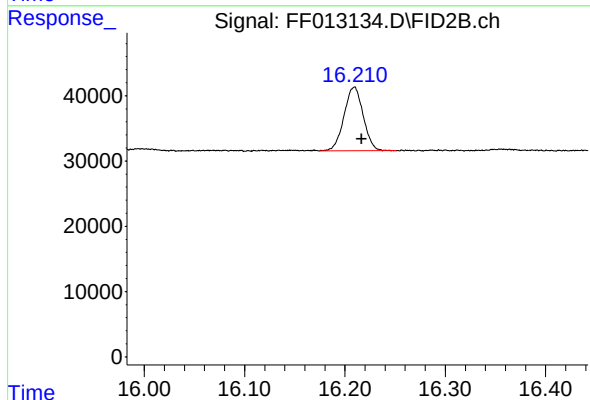
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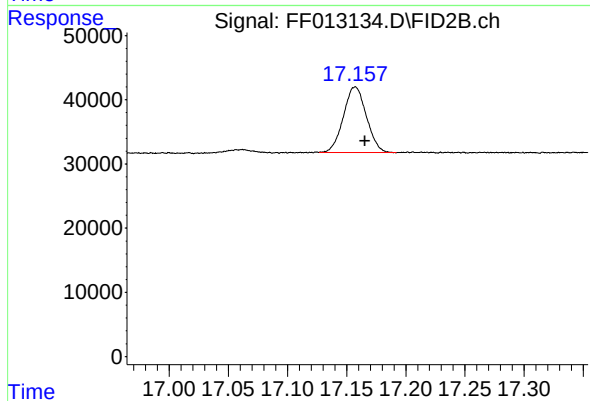
#10 N-TETRACOSANE

R.T.: 15.189 min
Delta R.T.: -0.007 min
Response: 129177
Conc: 1.06 ug/ml



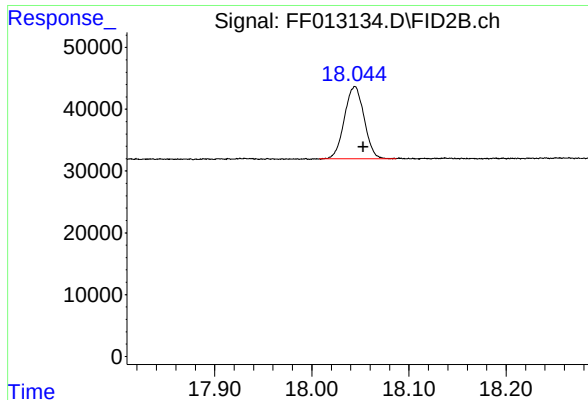
#11 N-HEXACOSANE

R.T.: 16.209 min
Delta R.T.: -0.007 min
Response: 129719
Conc: 1.04 ug/ml



#12 N-OCTACOSANE

R.T.: 17.157 min
Delta R.T.: -0.008 min
Response: 138460
Conc: 1.12 ug/ml



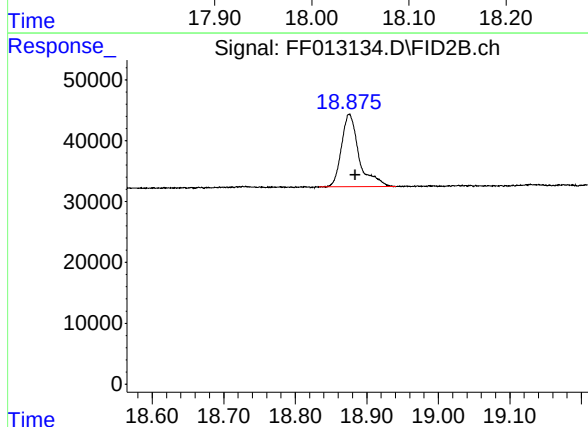
#13 N-TRIACONTANE

R.T.: 18.044 min
Delta R.T.: -0.008 min
Response: 164052
Conc: 1.35 ug/ml

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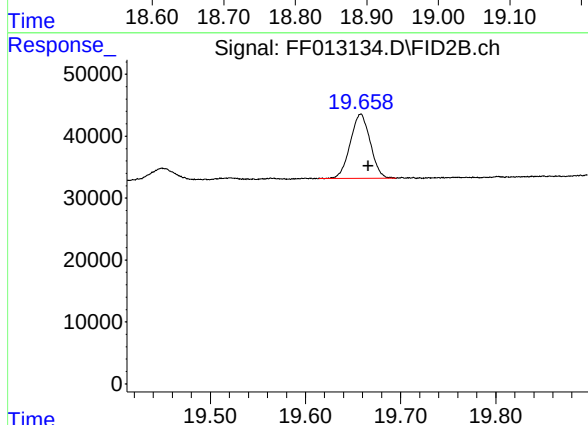
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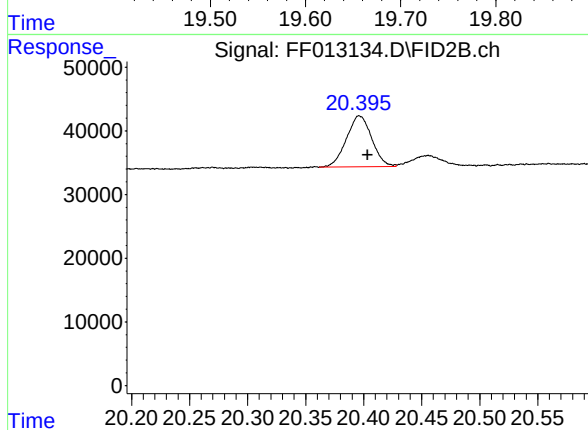
#14 N-DOTRIACONTANE

R.T.: 18.875 min
Delta R.T.: -0.008 min
Response: 204391
Conc: 1.81 ug/ml



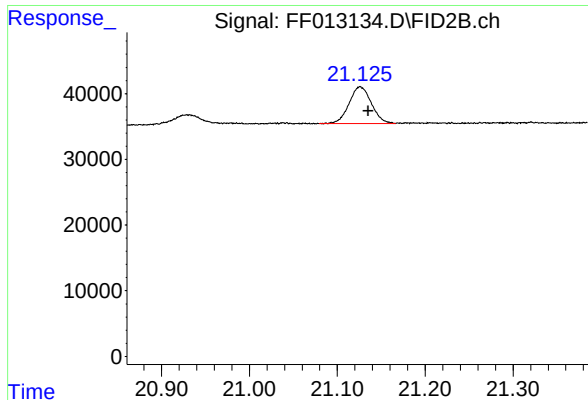
#15 N-TETRATRIACONTANE

R.T.: 19.658 min
Delta R.T.: -0.008 min
Response: 152277
Conc: 1.53 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.395 min
Delta R.T.: -0.008 min
Response: 121596
Conc: 1.36 ug/ml m



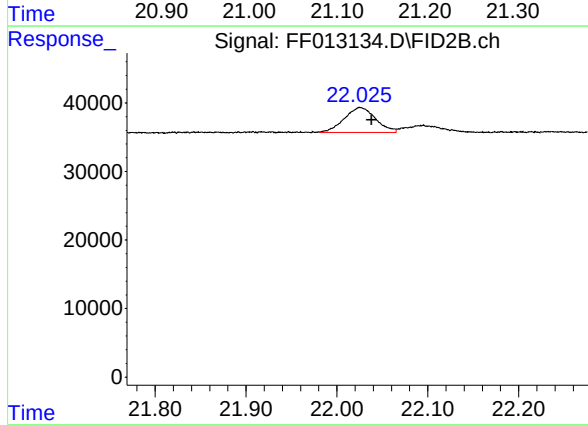
#17 N-OCTATRIACONTANE

R.T.: 21.126 min
Delta R.T.: -0.009 min
Response: 98500
Conc: 1.26 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.025 min
Delta R.T.: -0.014 min
Response: 87452
Conc: 1.16 ug/ml m