

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022223\
 Data File : FF012182.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 12:57
 Operator : YP\AJ
 Sample : 01627-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2023
 Supervised By :Ankita Jodhani 02/23/2023

Integration File: autoint1.e
 Quant Time: Feb 23 00:49:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF022123.M
 Quant Title :
 QLast Update : Tue Feb 21 16:12:39 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...	15.041	2251394	18.976 ug/ml
Target Compounds			
1) N-OCTANE	2.082	321988	2.418 ug/ml
2) N-DECANE	4.596	343797	2.564 ug/ml
3) N-DODECANE	6.759	332392	2.447 ug/ml
4) N-TETRADECANE	8.587	355243	2.552 ug/ml
5) N-HEXADECANE	10.193	364527	2.561 ug/ml
6) N-OCTADECANE	11.634	368244	2.590 ug/ml
7) N-EICOSANE	12.943	376533	2.669 ug/ml
8) N-DOCOSANE	14.141	357268	2.649 ug/ml
10) N-TETRACOSANE	15.244	349145	2.635 ug/ml
11) N-HEXACOSANE	16.265	336872	2.641 ug/ml
12) N-OCTACOSANE	17.214	327186	2.666 ug/ml
13) N-TRIACONTANE	18.101	327519	2.806 ug/ml
14) N-DOTRIACONTANE	18.935	402050	3.611 ug/ml
15) N-TETRATRIACONTANE	19.716	286919	2.900 ug/ml
16) N-HEXATRIACONTANE	20.456	286278	3.019 ug/mlm
17) N-OCTATRIACONTANE	21.196	221799	2.587 ug/ml
18) N-TETRACONTANE	22.117	385325	4.232 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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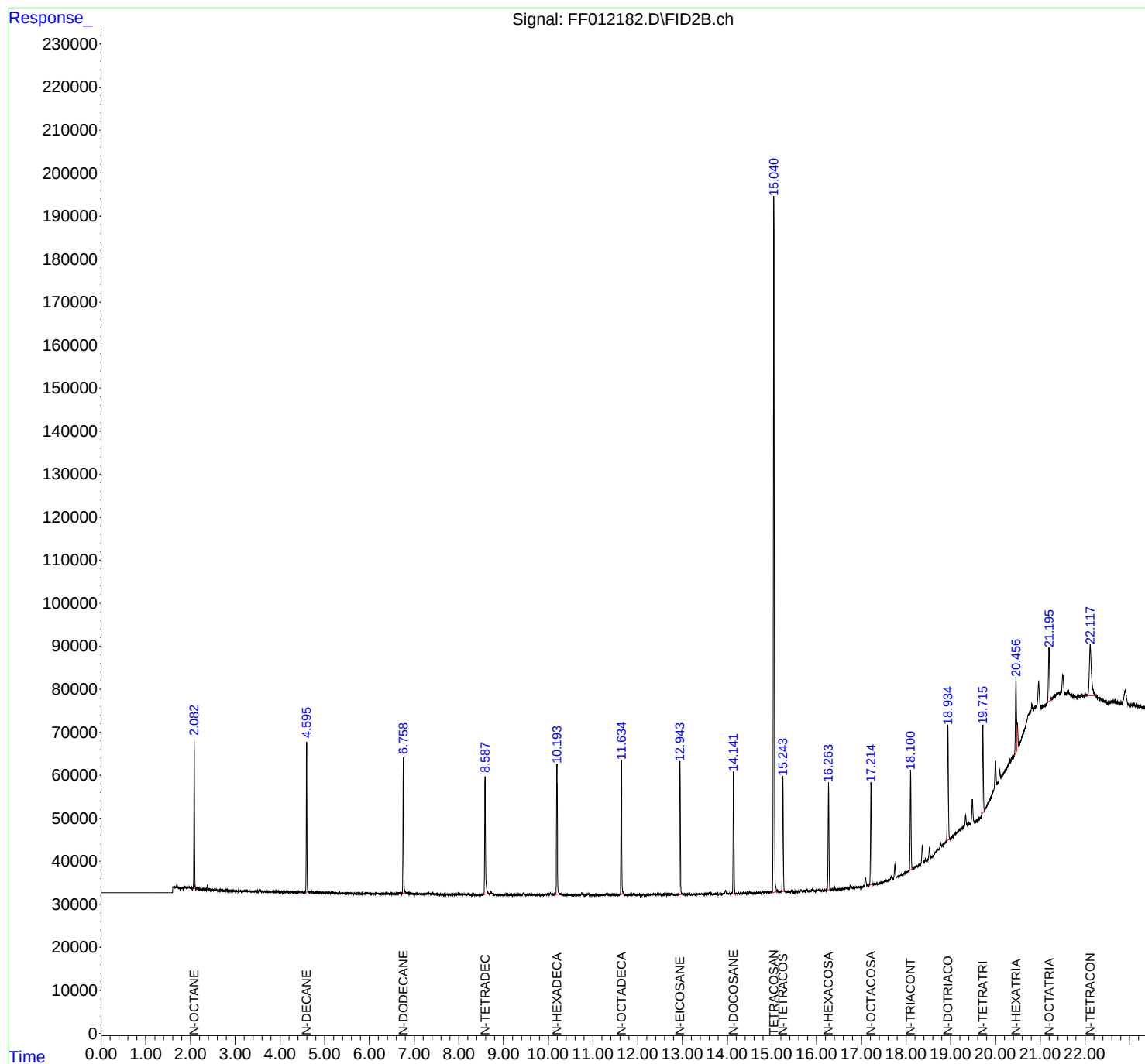
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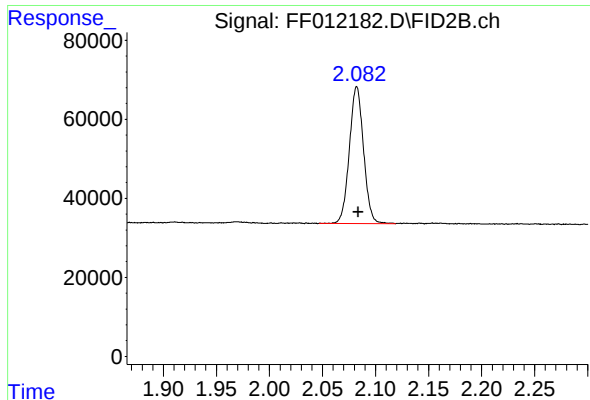
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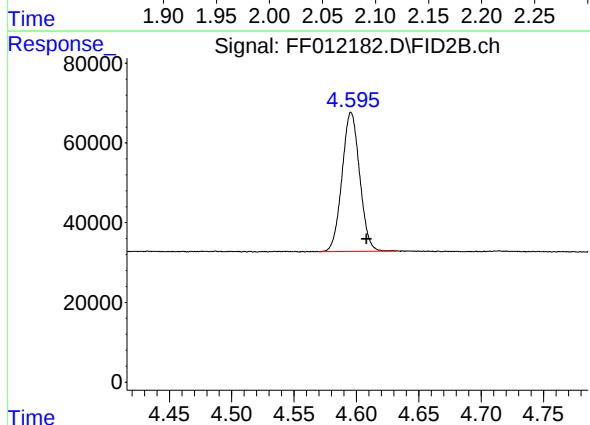
#1 N-OCTANE

R.T.: 2.082 min
Delta R.T.: -0.002 min
Response: 321988
Conc: 2.42 ug/ml

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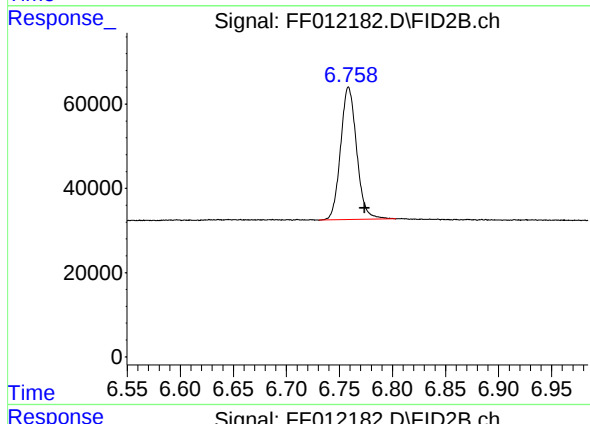
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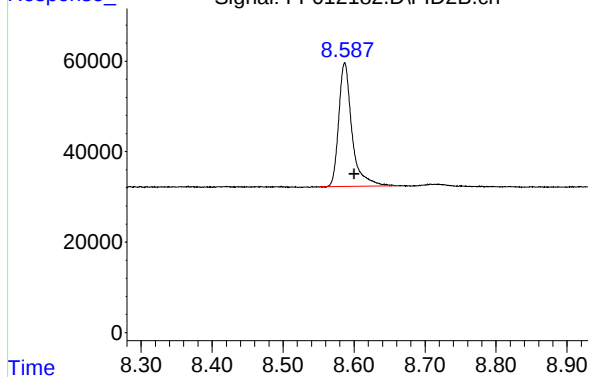
#2 N-DECANE

R.T.: 4.596 min
Delta R.T.: -0.012 min
Response: 343797
Conc: 2.56 ug/ml



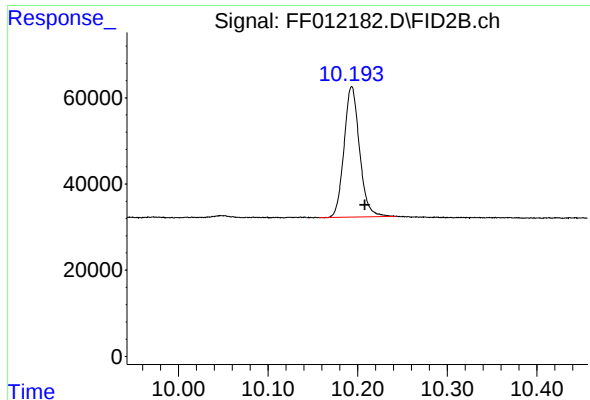
#3 N-DODECANE

R.T.: 6.759 min
Delta R.T.: -0.015 min
Response: 332392
Conc: 2.45 ug/ml



#4 N-TETRADECANE

R.T.: 8.587 min
Delta R.T.: -0.013 min
Response: 355243
Conc: 2.55 ug/ml



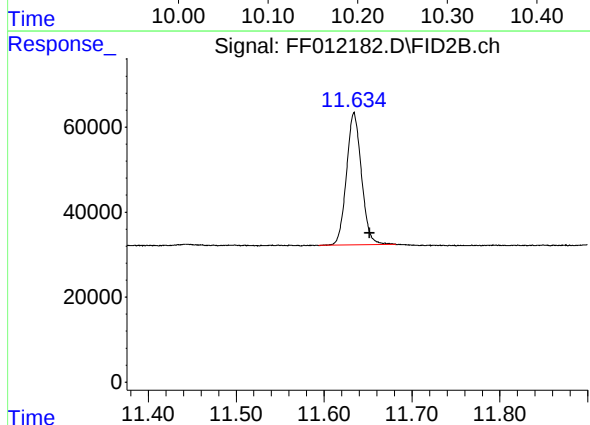
#5 N-HEXADECANE

R.T.: 10.193 min
Delta R.T.: -0.015 min
Response: 364527
Conc: 2.56 ug/ml

Instrument :
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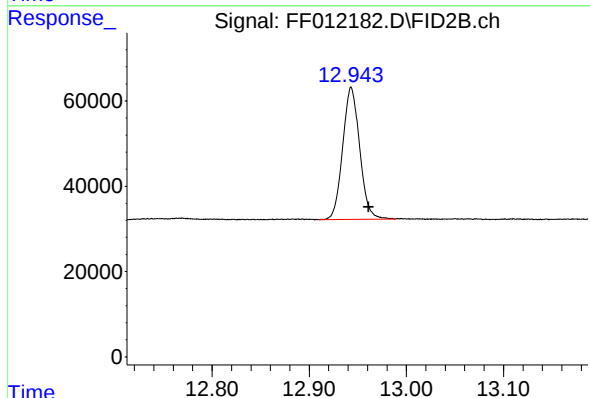
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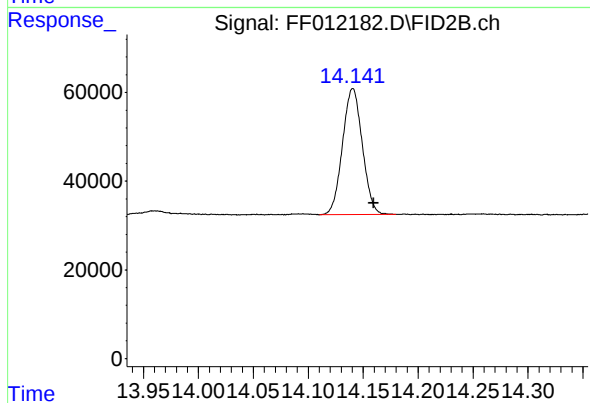
#6 N-OCTADECANE

R.T.: 11.634 min
Delta R.T.: -0.018 min
Response: 368244
Conc: 2.59 ug/ml



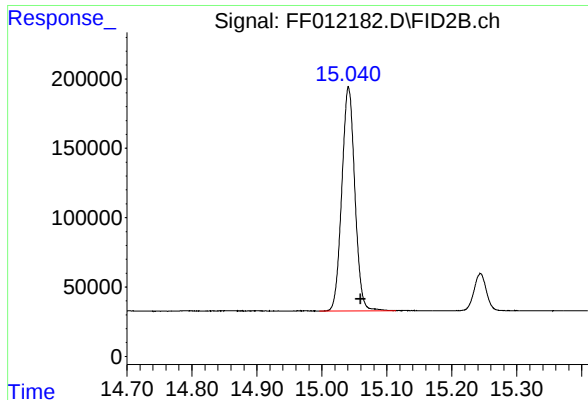
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.018 min
Response: 376533
Conc: 2.67 ug/ml



#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: -0.019 min
Response: 357268
Conc: 2.65 ug/ml



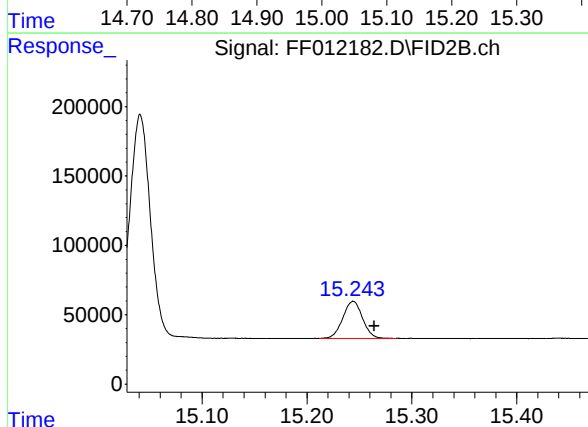
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.041 min
Delta R.T.: -0.019 min
Response: 2251394
Conc: 18.98 ug/ml

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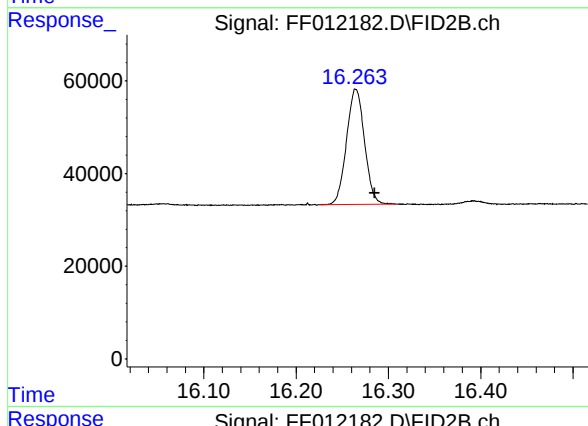
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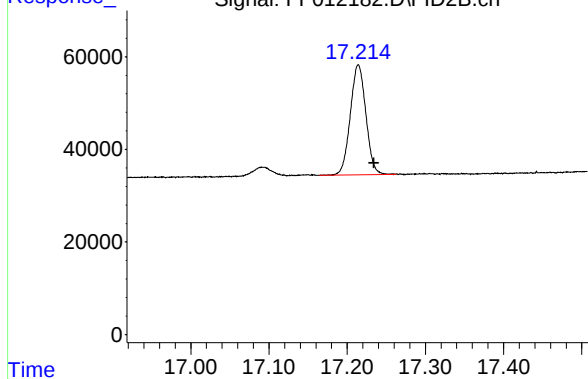
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: -0.020 min
Response: 349145
Conc: 2.64 ug/ml



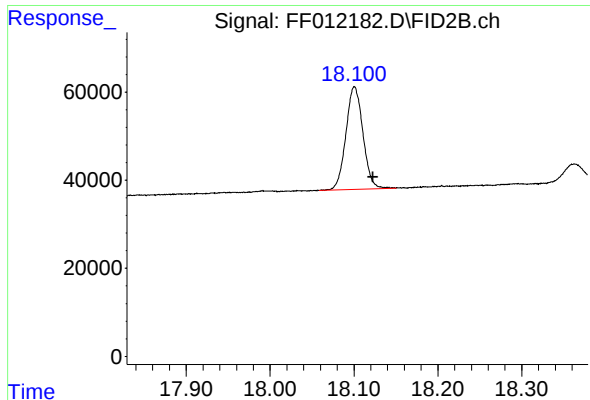
#11 N-HEXACOSANE

R.T.: 16.265 min
Delta R.T.: -0.021 min
Response: 336872
Conc: 2.64 ug/ml



#12 N-OCTACOSANE

R.T.: 17.214 min
Delta R.T.: -0.020 min
Response: 327186
Conc: 2.67 ug/ml



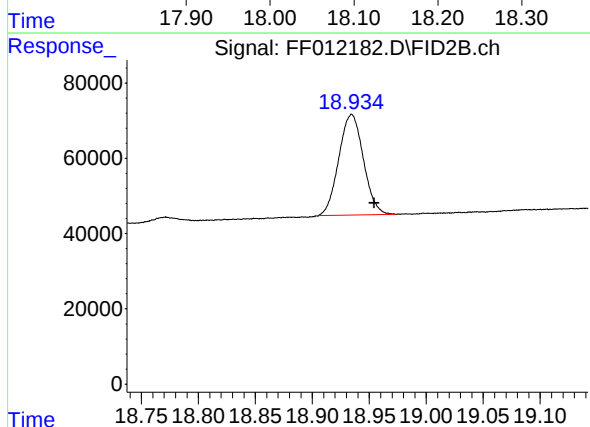
#13 N-TRIACONTANE

R.T.: 18.101 min
Delta R.T.: -0.022 min
Response: 327519
Conc: 2.81 ug/ml

Instrument :
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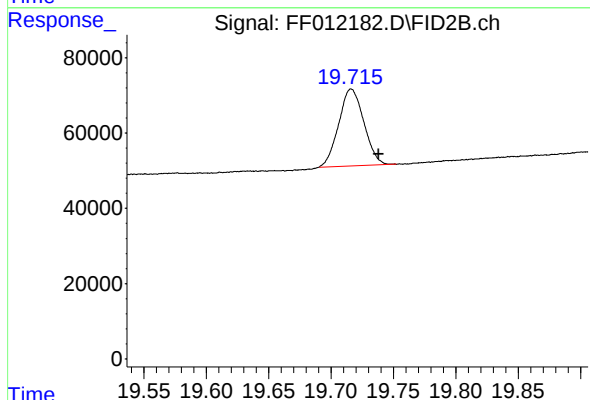
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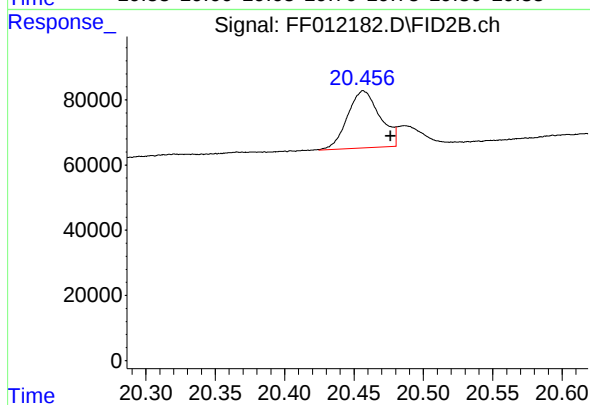
#14 N-DOTRIACONTANE

R.T.: 18.935 min
Delta R.T.: -0.020 min
Response: 402050
Conc: 3.61 ug/ml



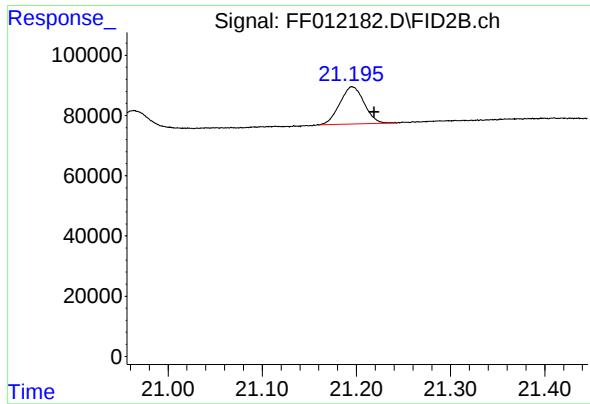
#15 N-TETRATRIACONTANE

R.T.: 19.716 min
Delta R.T.: -0.022 min
Response: 286919
Conc: 2.90 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.456 min
Delta R.T.: -0.020 min
Response: 286278
Conc: 3.02 ug/ml m



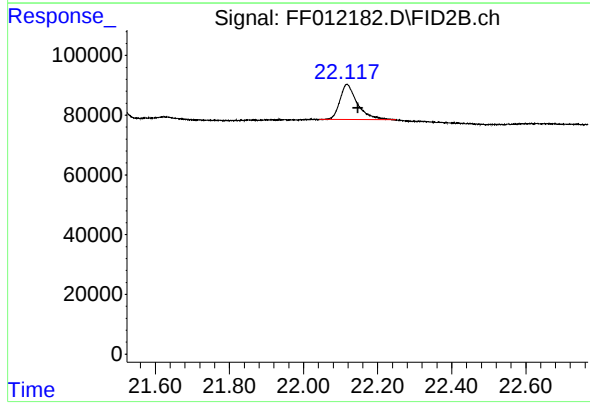
#17 N-OCTATRIACONTANE

R.T.: 21.196 min
Delta R.T.: -0.024 min
Response: 221799
Conc: 2.59 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.117 min
Delta R.T.: -0.030 min
Response: 385325
Conc: 4.23 ug/ml