

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623\
 Data File : FE041193.D
 Signal(s) : FID1B.ch
 Acq On : 06 Apr 2023 13:49
 Operator : YP\AJ
 Sample : 02213-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-05-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 03:15:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040523.M
 Quant Title :
 QLast Update : Thu Apr 06 02:04:41 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...	14.939	2441482	19.182 ug/ml
Target Compounds			
1) N-OCTANE	1.989	636776	4.252 ug/ml
2) N-DECANE	4.491	662842	4.469 ug/ml
3) N-DODECANE	6.657	693575	4.571 ug/ml
4) N-TETRADECANE	8.482	710365	4.655 ug/ml
5) N-HEXADECANE	10.089	730277	4.741 ug/ml
6) N-OCTADECANE	11.530	758481	4.958 ug/ml
7) N-EICOSANE	12.840	737371	4.889 ug/ml
8) N-DOCOSANE	14.039	730908	5.055 ug/ml
10) N-TETRACOSANE	15.142	712751	4.991 ug/ml
11) N-HEXACOSANE	16.163	695716	5.001 ug/ml
12) N-OCTACOSANE	17.114	687700	5.006 ug/ml
13) N-TRIACONTANE	18.003	690738	5.056 ug/ml
14) N-DOTRIACONTANE	18.837	723852	5.431 ug/ml
15) N-TETRATRIACONTANE	19.622	767822	6.066 ug/ml
16) N-HEXATRIACONTANE	20.364	806760	6.682 ug/mlm
17) N-OCTATRIACONTANE	21.089	886727	7.171 ug/ml
18) N-TETRACONTANE	21.969	942699	7.248 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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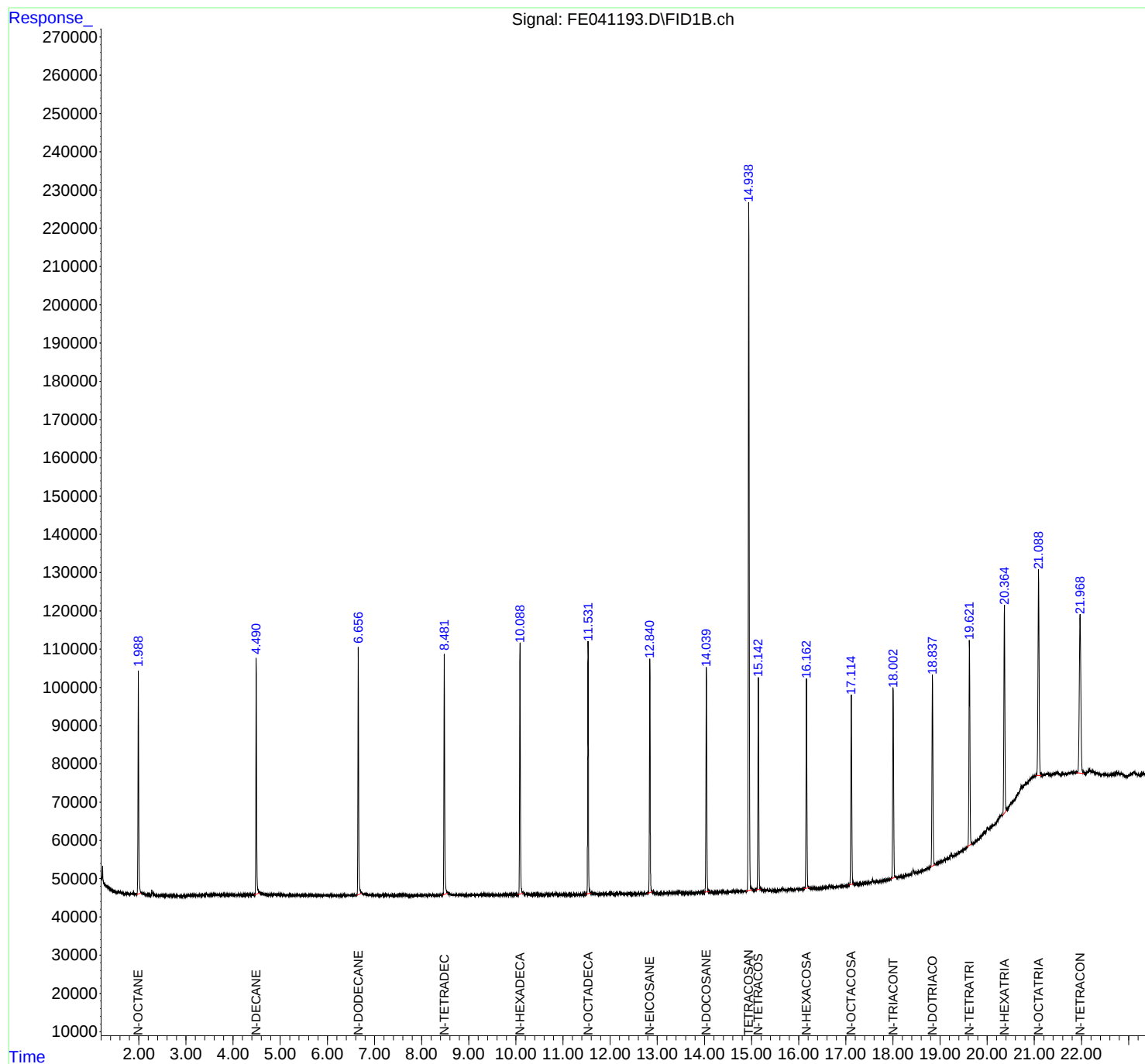
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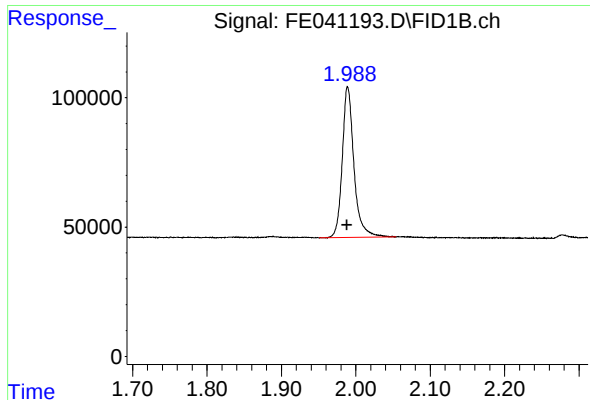
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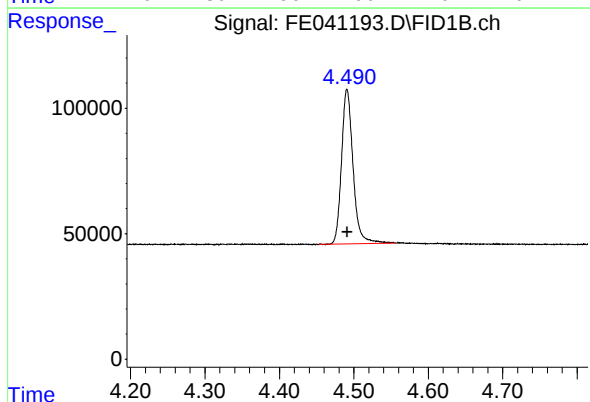
#1 N-OCTANE

R.T.: 1.989 min
Delta R.T.: 0.001 min
Response: 636776
Conc: 4.25 ug/ml

Instrument :
FID_E
ClientSampleId :
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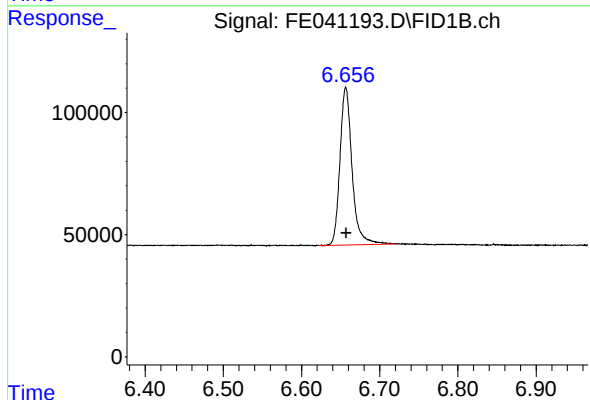
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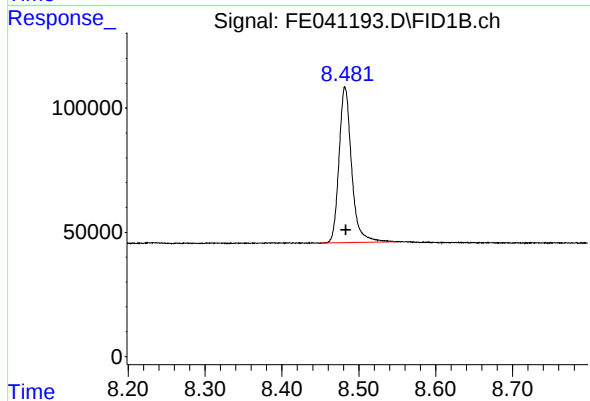
#2 N-DECANE

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 662842
Conc: 4.47 ug/ml



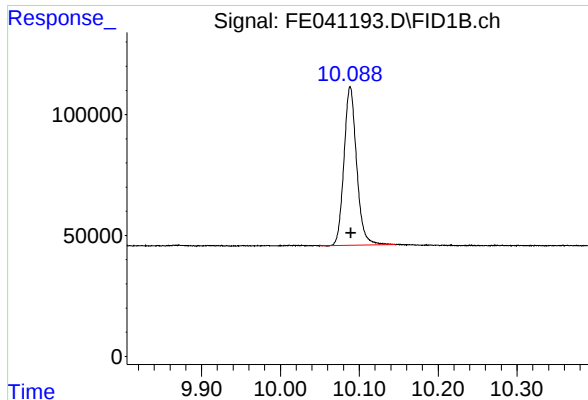
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 693575
Conc: 4.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.482 min
Delta R.T.: -0.001 min
Response: 710365
Conc: 4.66 ug/ml



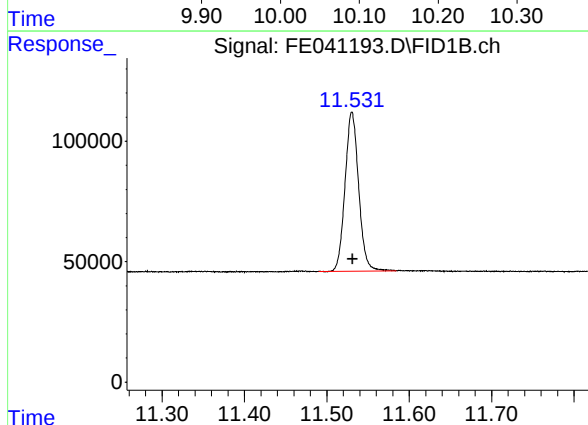
#5 N-HEXADECANE

R.T.: 10.089 min
Delta R.T.: -0.001 min
Response: 730277
Conc: 4.74 ug/ml

Instrument :
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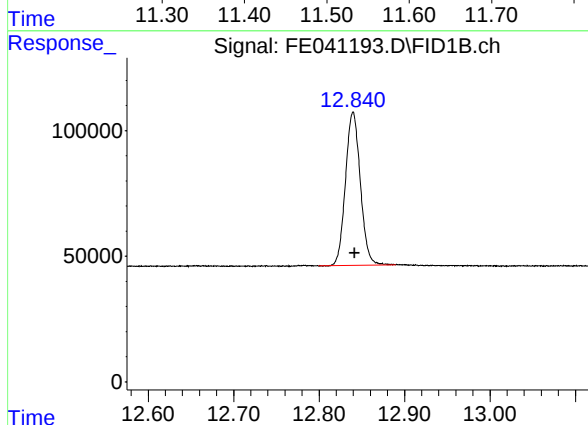
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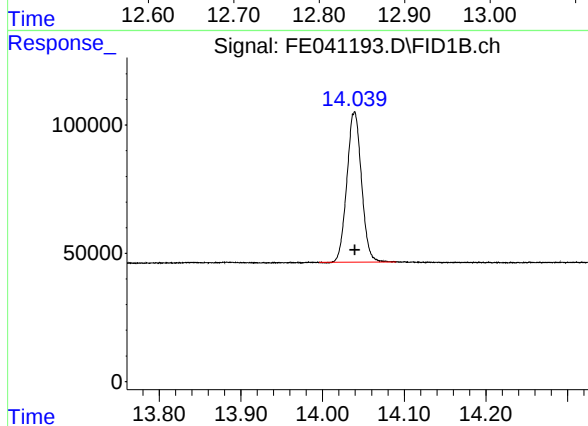
#6 N-OCTADECANE

R.T.: 11.530 min
Delta R.T.: -0.001 min
Response: 758481
Conc: 4.96 ug/ml



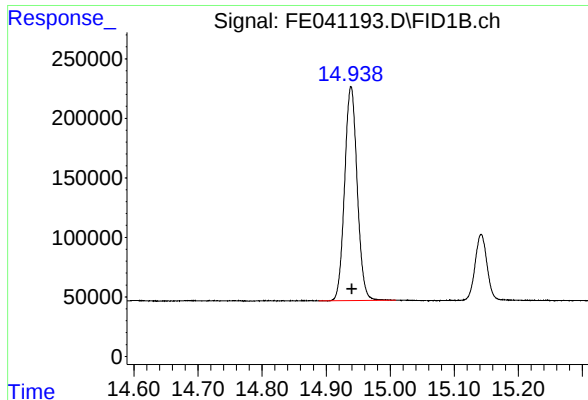
#7 N-EICOSANE

R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 737371
Conc: 4.89 ug/ml



#8 N-DOCOSANE

R.T.: 14.039 min
Delta R.T.: 0.000 min
Response: 730908
Conc: 5.05 ug/ml



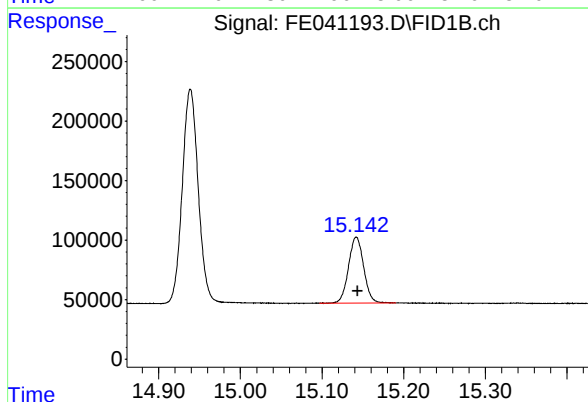
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.939 min
Delta R.T.: -0.002 min
Response: 2441482
Conc: 19.18 ug/ml

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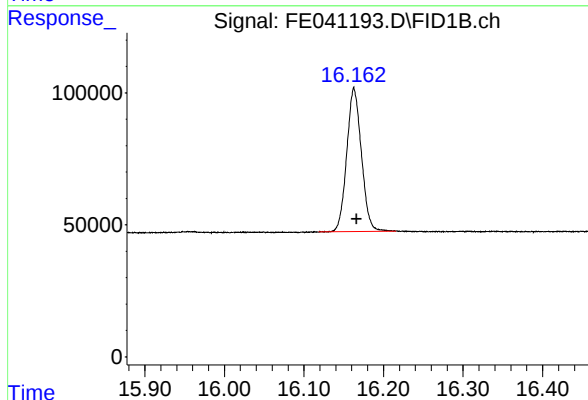
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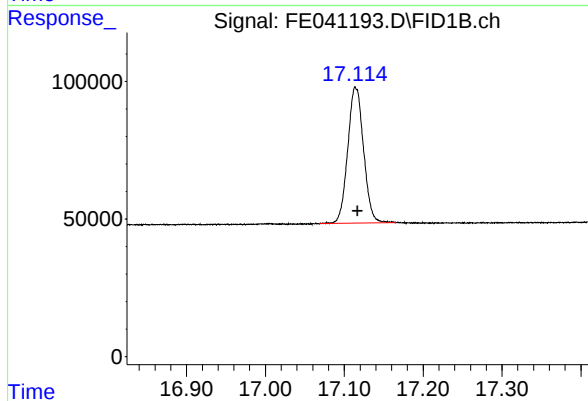
#10 N-TETRACOSANE

R.T.: 15.142 min
Delta R.T.: -0.002 min
Response: 712751
Conc: 4.99 ug/ml



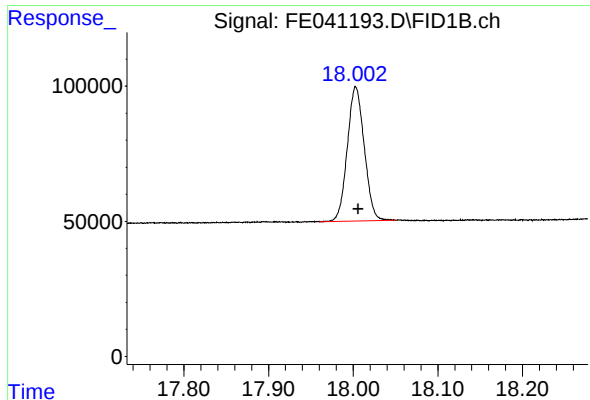
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.003 min
Response: 695716
Conc: 5.00 ug/ml



#12 N-OCTACOSANE

R.T.: 17.114 min
Delta R.T.: -0.002 min
Response: 687700
Conc: 5.01 ug/ml



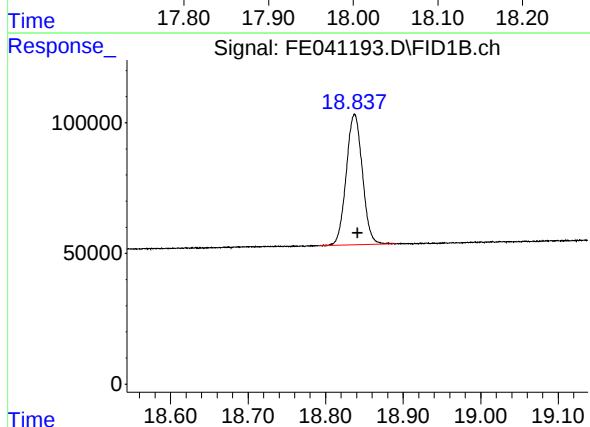
#13 N-TRIACONTANE

R.T.: 18.003 min
Delta R.T.: -0.003 min
Response: 690738
Conc: 5.06 ug/ml

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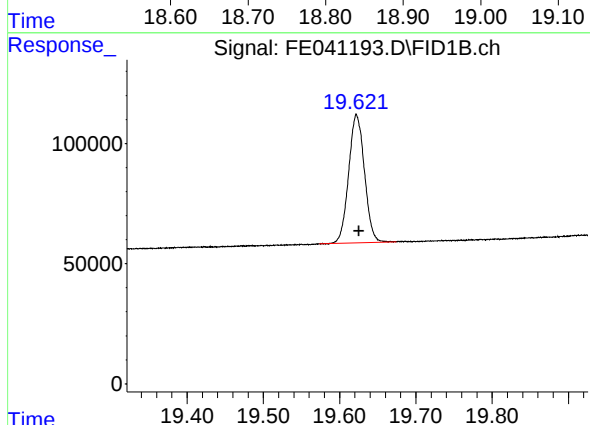
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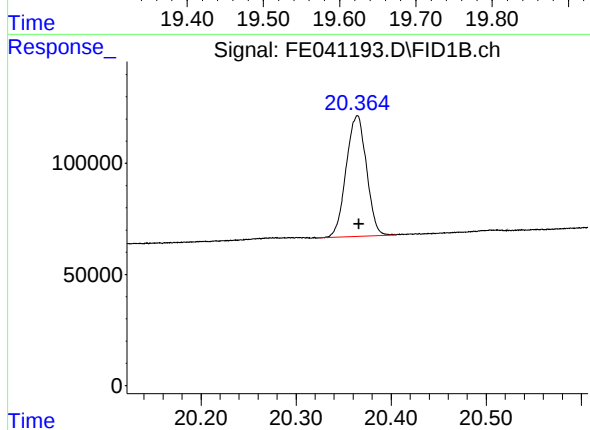
#14 N-DOTRIACONTANE

R.T.: 18.837 min
Delta R.T.: -0.004 min
Response: 723852
Conc: 5.43 ug/ml



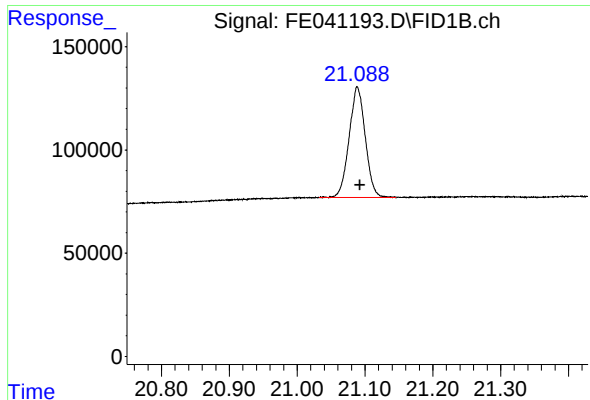
#15 N-TETRATRIACONTANE

R.T.: 19.622 min
Delta R.T.: -0.003 min
Response: 767822
Conc: 6.07 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.364 min
Delta R.T.: -0.002 min
Response: 806760
Conc: 6.68 ug/ml m



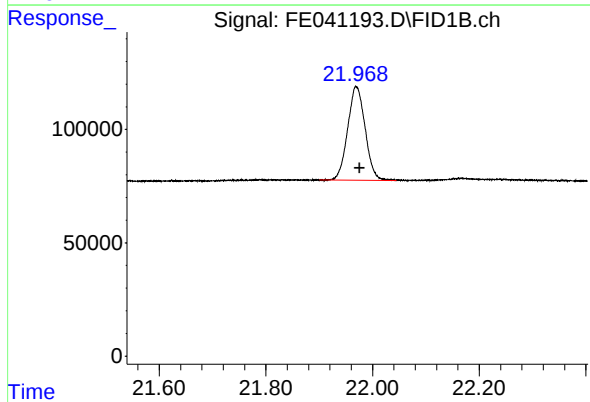
#17 N-OCTATRIACONTANE

R.T.: 21.089 min
Delta R.T.: -0.004 min
Response: 886727
Conc: 7.17 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.969 min
Delta R.T.: -0.007 min
Response: 942699
Conc: 7.25 ug/ml