

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
 Data File : FG014393.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2024 15:41
 Operator : YP\AJ
 Sample : P4368-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 02:16:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 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...	14.913	2131136	17.210 ug/ml
Target Compounds			
1) N-OCTANE	1.941	597971	4.749 ug/ml
2) N-DECANE	4.432	618691	5.252 ug/ml
3) N-DODECANE	6.605	587492	5.020 ug/ml
4) N-TETRADECANE	8.448	630886	5.195 ug/ml
5) N-HEXADECANE	10.057	683199	5.367 ug/mlm
6) N-OCTADECANE	11.498	722671	5.407 ug/mlm
7) N-EICOSANE	12.809	713526	5.133 ug/ml
8) N-DOCOSANE	14.008	730405	5.325 ug/mlm
10) N-TETRACOSANE	15.117	737984	5.354 ug/ml
11) N-HEXACOSANE	16.142	726717	5.257 ug/ml
12) N-OCTACOSANE	17.093	717797	5.238 ug/ml
13) N-TRIACONTANE	17.986	688865	4.968 ug/ml
14) N-DOTRIACONTANE	18.820	557207	4.087 ug/ml
15) N-TETRATRIACONTANE	19.607	392825	2.985 ug/mlm
16) N-HEXATRIACONTANE	20.350	285191	2.228 ug/mlm
17) N-OCTATRIACONTANE	21.080	255562	2.234 ug/mlm
18) N-TETRACONTANE	21.974	250831	2.337 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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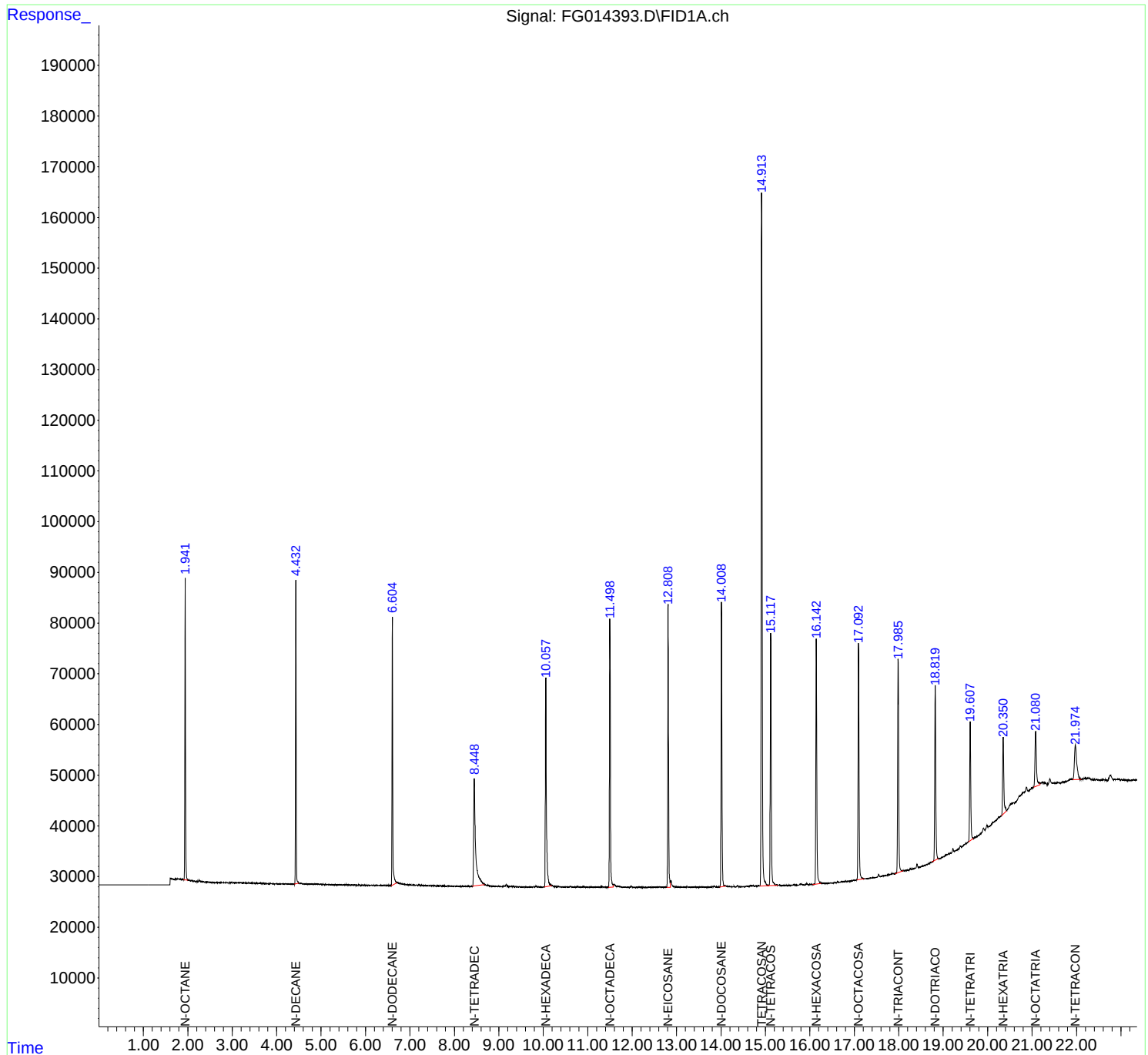
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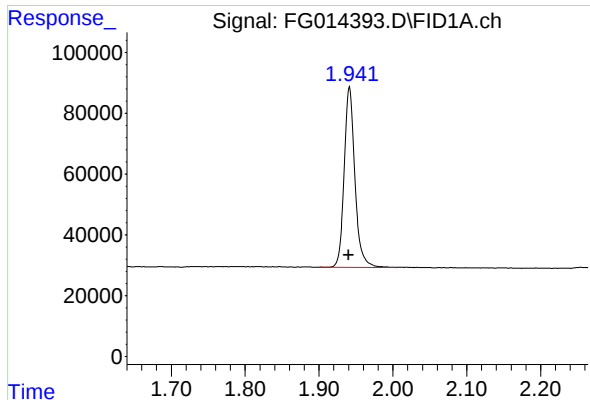
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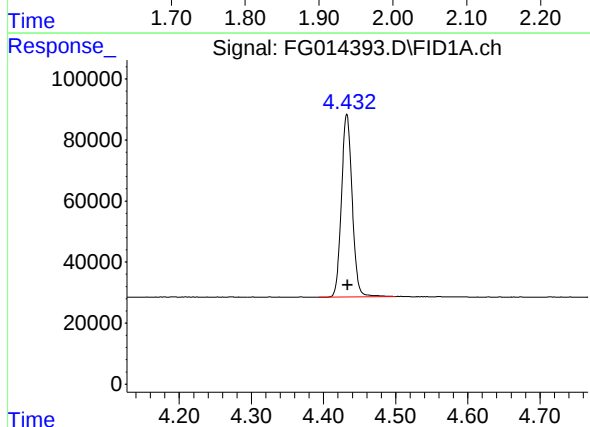
#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: 0.001 min
Response: 597971
Conc: 4.75 ug/ml

Instrument : FID_G
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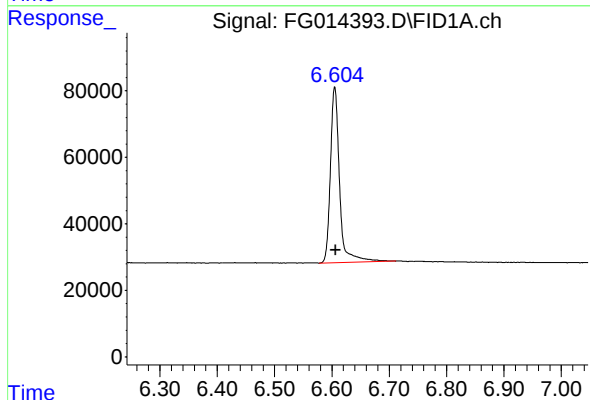
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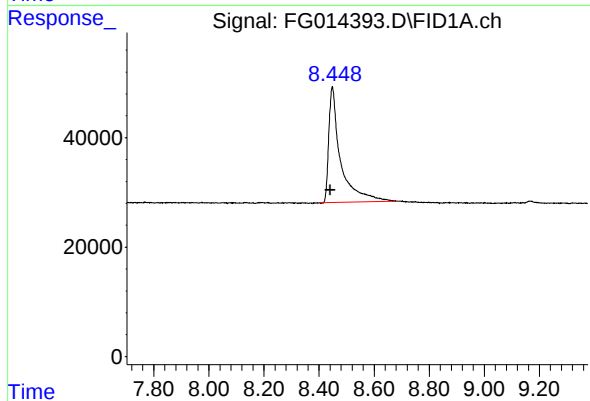
#2 N-DECANE

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 618691
Conc: 5.25 ug/ml



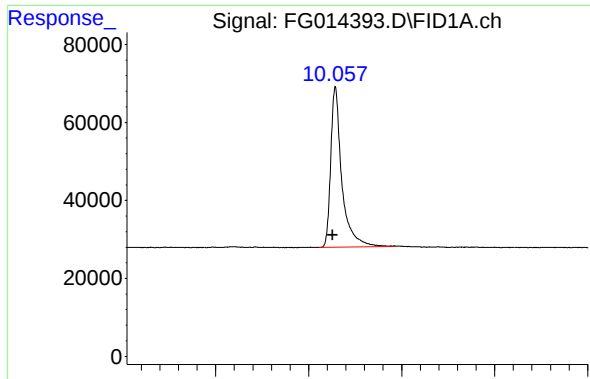
#3 N-DODECANE

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 587492
Conc: 5.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.448 min
Delta R.T.: 0.007 min
Response: 630886
Conc: 5.20 ug/ml



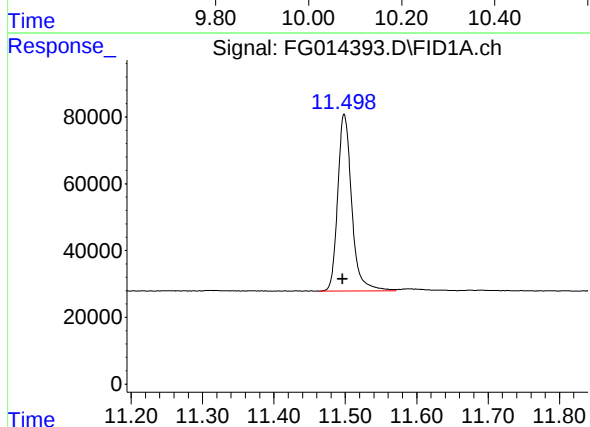
#5 N-HEXADECANE

R.T.: 10.057 min
Delta R.T.: 0.006 min
Response: 683199
Conc: 5.37 ug/ml

Instrument :
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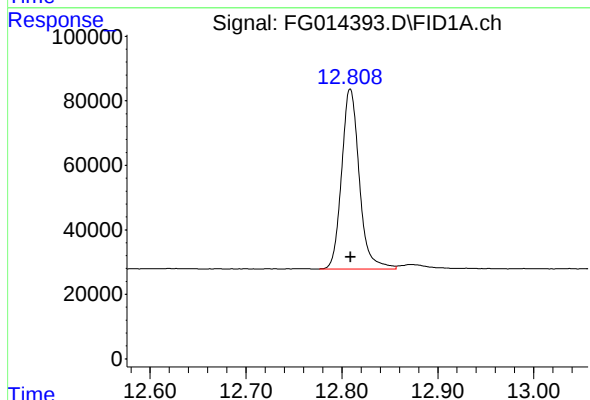
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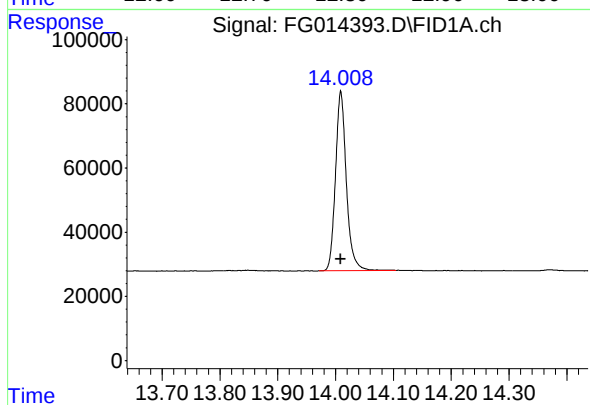
#6 N-OCTADECANE

R.T.: 11.498 min
Delta R.T.: 0.001 min
Response: 722671
Conc: 5.41 ug/ml m



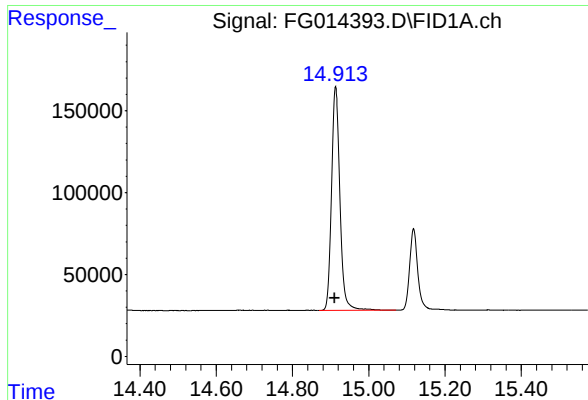
#7 N-EICOSANE

R.T.: 12.809 min
Delta R.T.: 0.000 min
Response: 713526
Conc: 5.13 ug/ml



#8 N-DOCOSANE

R.T.: 14.008 min
Delta R.T.: 0.000 min
Response: 730405
Conc: 5.33 ug/ml m



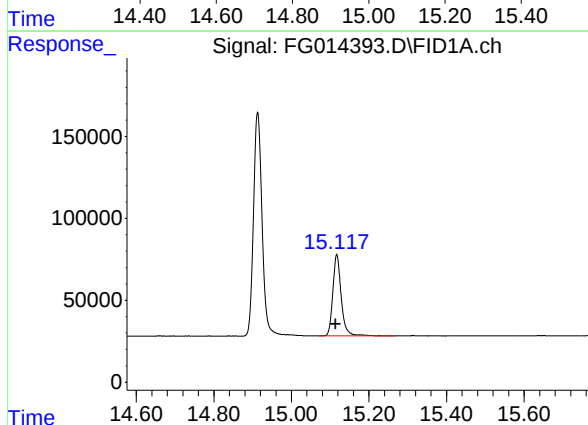
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.913 min
Delta R.T.: 0.002 min
Response: 2131136
Conc: 17.21 ug/ml

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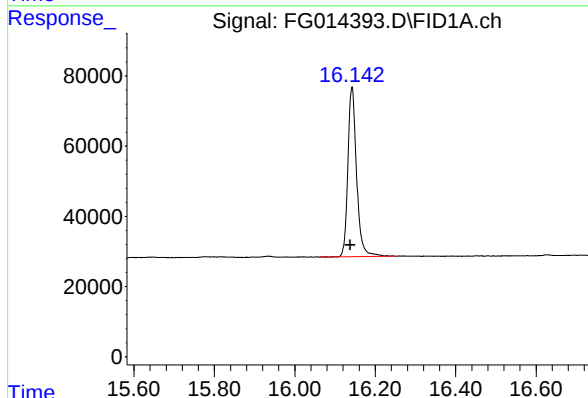
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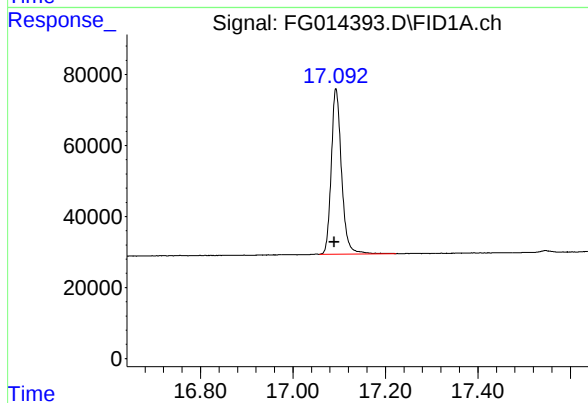
#10 N-TETRACOSANE

R.T.: 15.117 min
Delta R.T.: 0.003 min
Response: 737984
Conc: 5.35 ug/ml



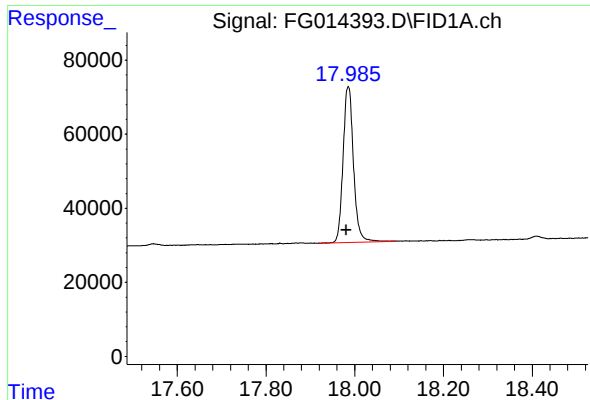
#11 N-HEXACOSANE

R.T.: 16.142 min
Delta R.T.: 0.004 min
Response: 726717
Conc: 5.26 ug/ml



#12 N-OCTACOSANE

R.T.: 17.093 min
Delta R.T.: 0.003 min
Response: 717797
Conc: 5.24 ug/ml



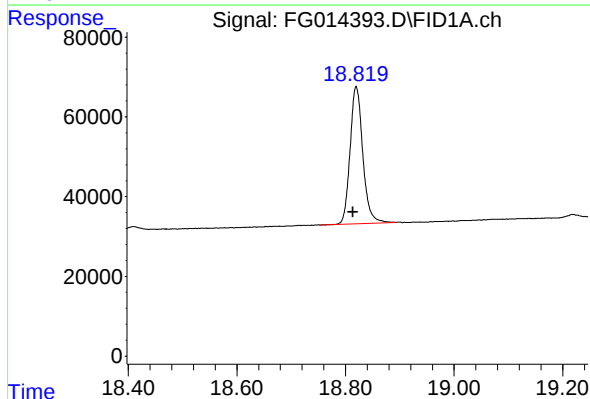
#13 N-TRIACONTANE

R.T.: 17.986 min
Delta R.T.: 0.005 min
Response: 688865
Conc: 4.97 ug/ml

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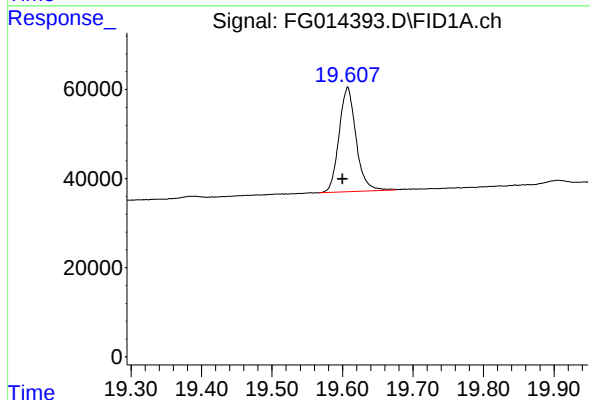
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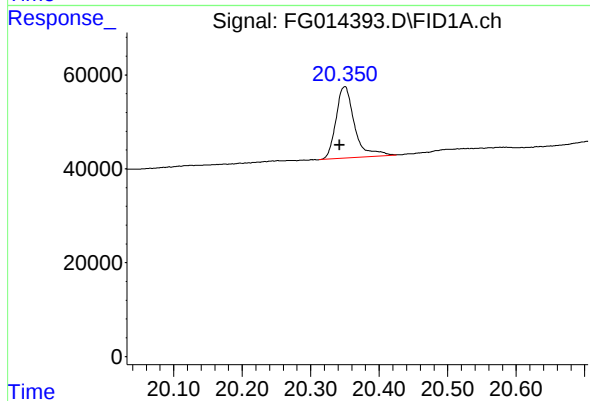
#14 N-DOTRIACONTANE

R.T.: 18.820 min
Delta R.T.: 0.006 min
Response: 557207
Conc: 4.09 ug/ml



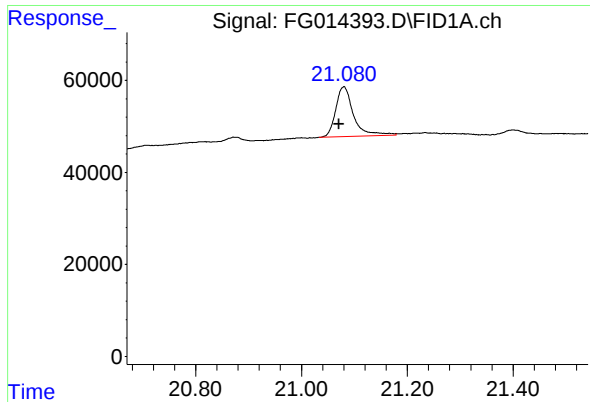
#15 N-TETRATRIACONTANE

R.T.: 19.607 min
Delta R.T.: 0.007 min
Response: 392825
Conc: 2.98 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.350 min
Delta R.T.: 0.008 min
Response: 285191
Conc: 2.23 ug/ml m



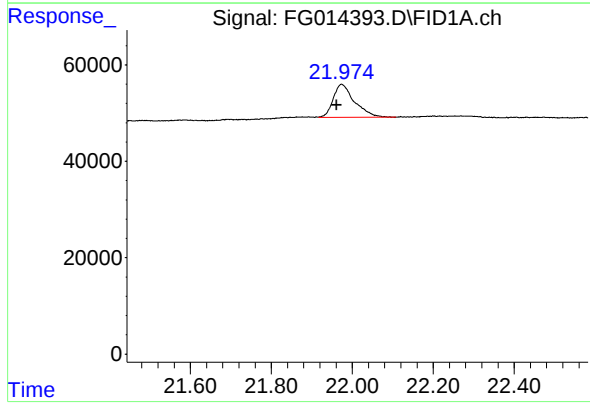
#17 N-OCTATRIACONTANE

R.T.: 21.080 min
Delta R.T.: 0.009 min
Response: 255562
Conc: 2.23 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.974 min
Delta R.T.: 0.012 min
Response: 250831
Conc: 2.34 ug/ml