

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121523\
 Data File : FF013887.D
 Signal(s) : FID2B.ch
 Acq On : 15 Dec 2023 20:28
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e
 Quant Time: Dec 15 22:37:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120523.M
 Quant Title :
 QLast Update : Tue Dec 05 11:16:50 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...	14.970	5899624	49.924 ug/ml
Target Compounds			
1) N-OCTANE	1.995	5041663	42.024 ug/ml
2) N-DECANE	4.518	6124347	48.881 ug/ml
3) N-DODECANE	6.683	6340379	49.519 ug/ml
4) N-TETRADECANE	8.511	6441983	50.037 ug/ml
5) N-HEXADECANE	10.117	6610798	50.250 ug/ml
6) N-OCTADECANE	11.560	6620716	50.252 ug/ml
7) N-EICOSANE	12.871	6564502	50.382 ug/ml
8) N-DOCOSANE	14.070	6312883	50.248 ug/ml
10) N-TETRACOSANE	15.174	6241512	50.198 ug/ml
11) N-HEXACOSANE	16.197	6094781	50.391 ug/ml
12) N-OCTACOSANE	17.148	6086334	51.305 ug/ml
13) N-TRIACONTANE	18.036	6276855	53.478 ug/ml
14) N-DOTRIACONTANE	18.869	6122626	53.991 ug/ml
15) N-TETRATRIACONTANE	19.653	5324038	54.314 ug/ml
16) N-HEXATRIACONTANE	20.393	4259258	52.927 ug/ml
17) N-OCTATRIACONTANE	21.120	3967712	53.277 ug/ml
18) N-TETRACONTANE	22.013	3990628	51.102 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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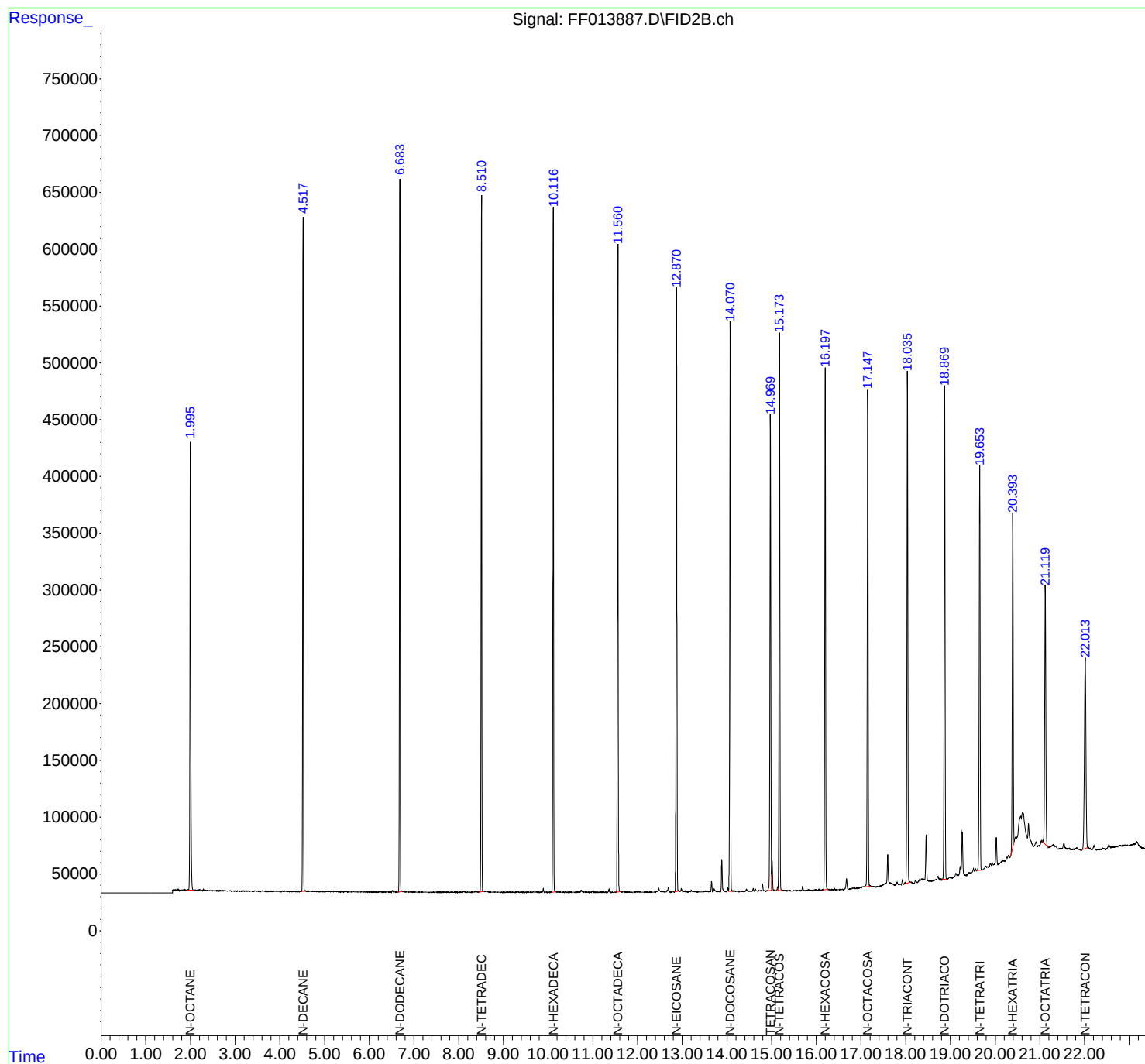
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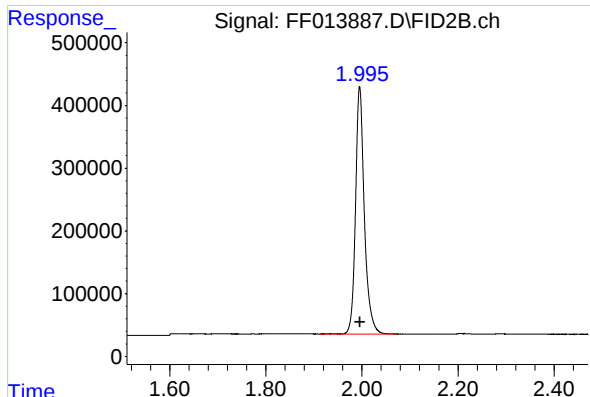
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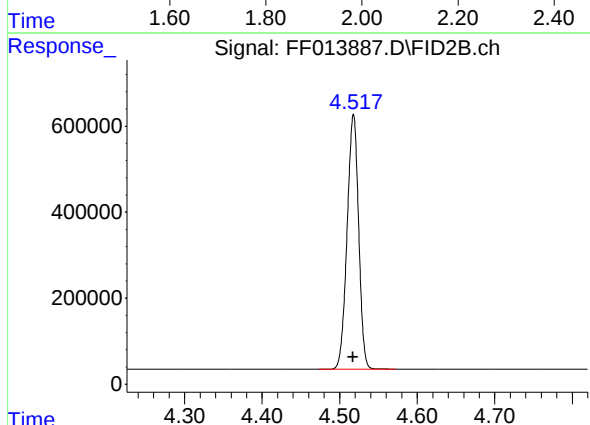
#1 N-OCTANE

R.T.: 1.995 min
Delta R.T.: 0.000 min
Response: 5041663
Conc: 42.02 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

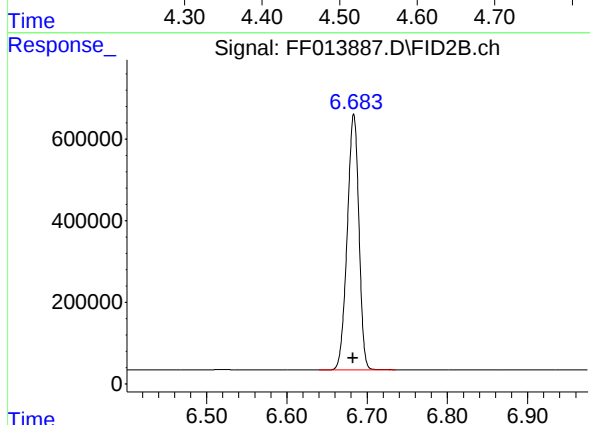
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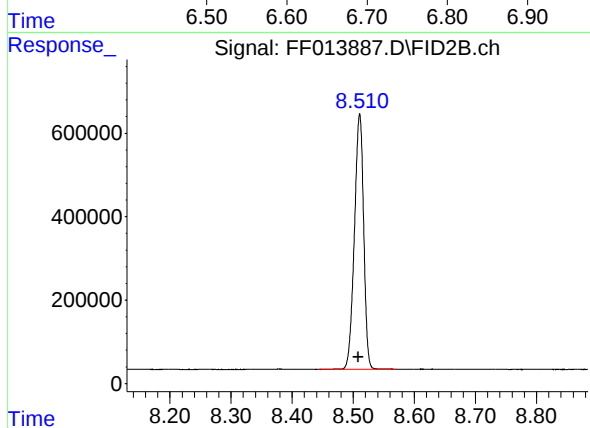
#2 N-DECANE

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 6124347
Conc: 48.88 ug/ml



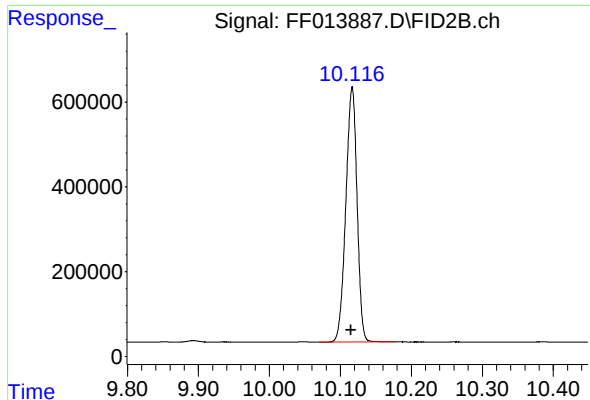
#3 N-DODECANE

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 6340379
Conc: 49.52 ug/ml



#4 N-TETRADECANE

R.T.: 8.511 min
Delta R.T.: 0.002 min
Response: 6441983
Conc: 50.04 ug/ml



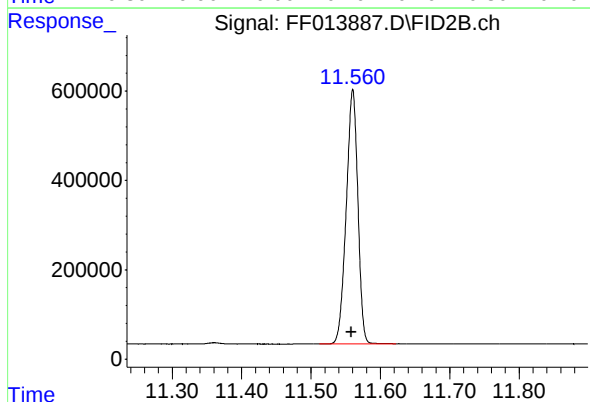
#5 N-HEXADECANE

R.T.: 10.117 min
Delta R.T.: 0.001 min
Response: 6610798
Conc: 50.25 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

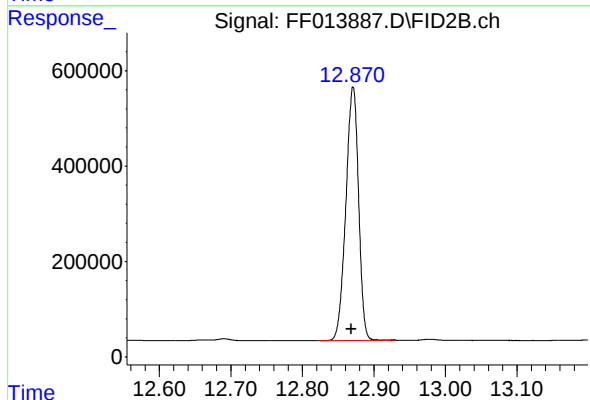
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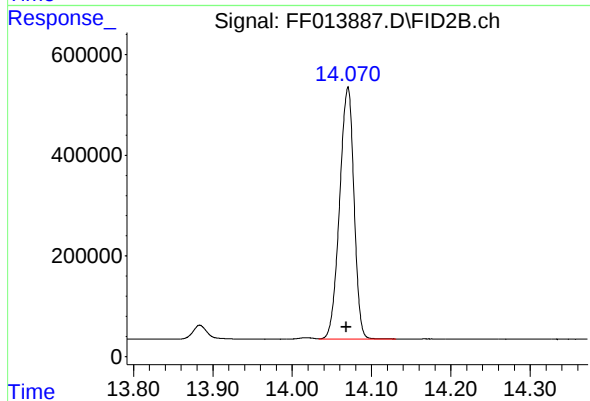
#6 N-OCTADECANE

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 6620716
Conc: 50.25 ug/ml



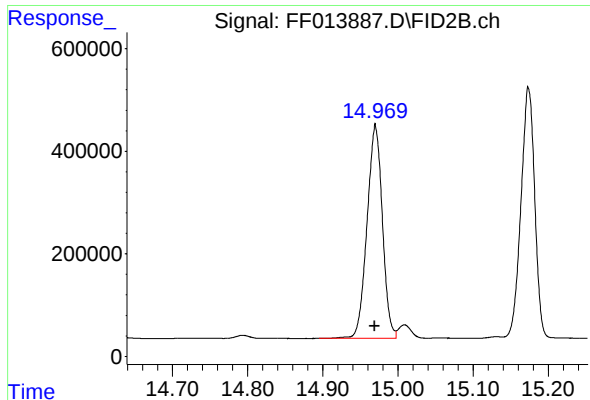
#7 N-EICOSANE

R.T.: 12.871 min
Delta R.T.: 0.002 min
Response: 6564502
Conc: 50.38 ug/ml



#8 N-DOCOSANE

R.T.: 14.070 min
Delta R.T.: 0.002 min
Response: 6312883
Conc: 50.25 ug/ml



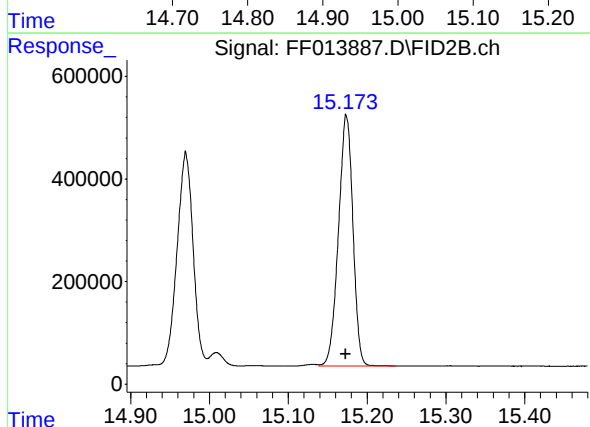
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.970 min
Delta R.T.: 0.000 min
Response: 5899624
Conc: 49.92 ug/ml

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50 PPM TRPH STD

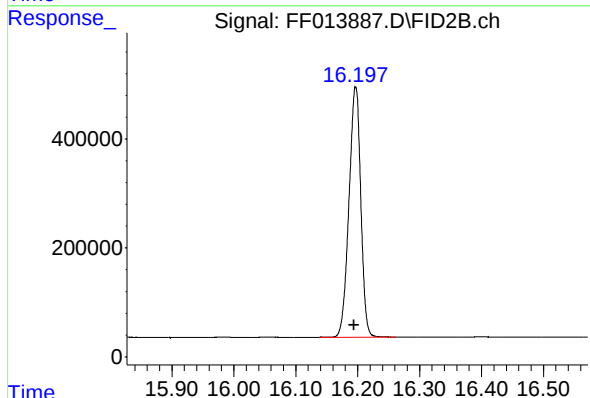
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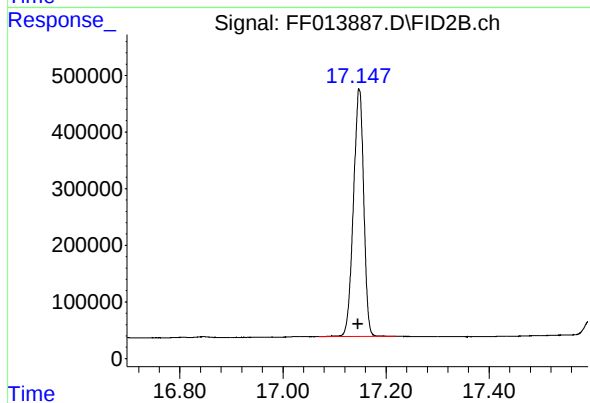
#10 N-TETRACOSANE

R.T.: 15.174 min
Delta R.T.: 0.000 min
Response: 6241512
Conc: 50.20 ug/ml



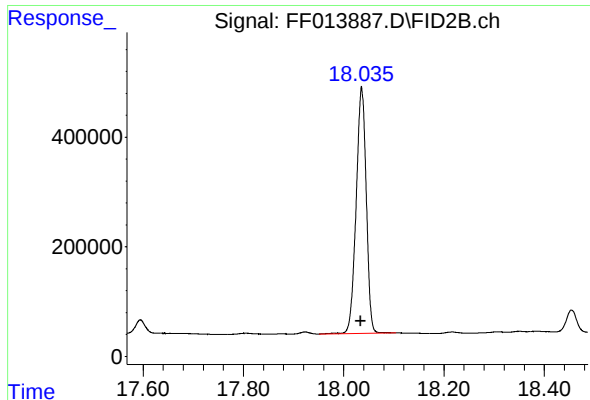
#11 N-HEXACOSANE

R.T.: 16.197 min
Delta R.T.: 0.003 min
Response: 6094781
Conc: 50.39 ug/ml



#12 N-OCTACOSANE

R.T.: 17.148 min
Delta R.T.: 0.002 min
Response: 6086334
Conc: 51.31 ug/ml



#13 N-TRIACONTANE

R.T.: 18.036 min
Delta R.T.: 0.002 min
Response: 6276855
Conc: 53.48 ug/ml

Instrument :

FID_F

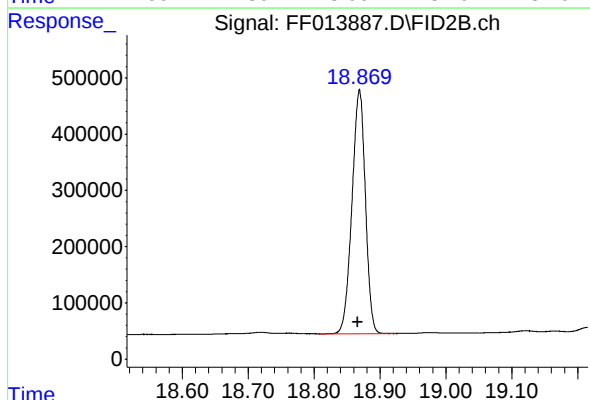
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

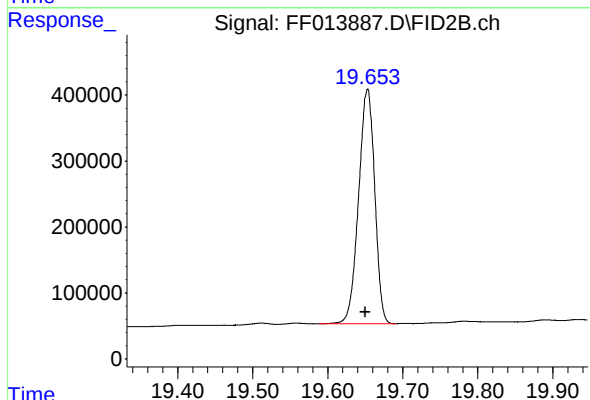
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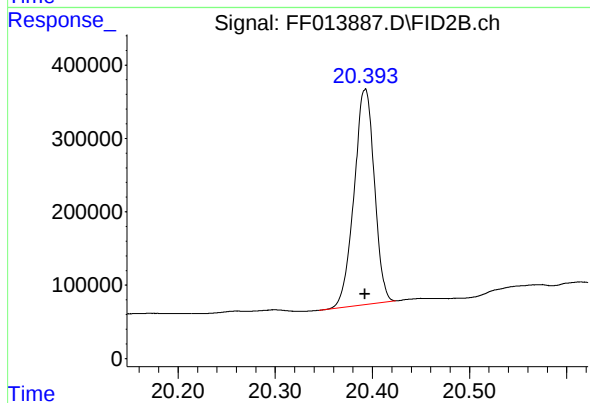
#14 N-DOTRIACONTANE

R.T.: 18.869 min
Delta R.T.: 0.003 min
Response: 6122626
Conc: 53.99 ug/ml



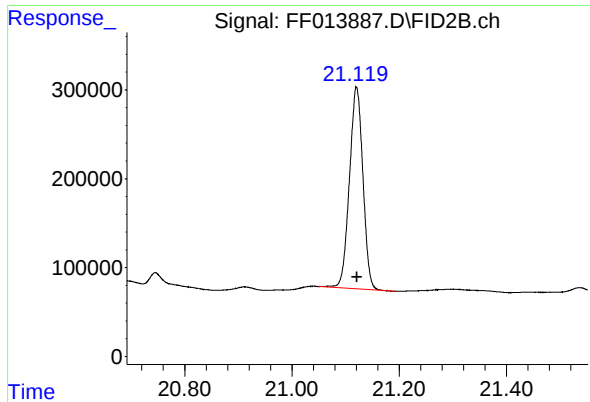
#15 N-TETRATRIACONTANE

R.T.: 19.653 min
Delta R.T.: 0.003 min
Response: 5324038
Conc: 54.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.393 min
Delta R.T.: 0.000 min
Response: 4259258
Conc: 52.93 ug/ml



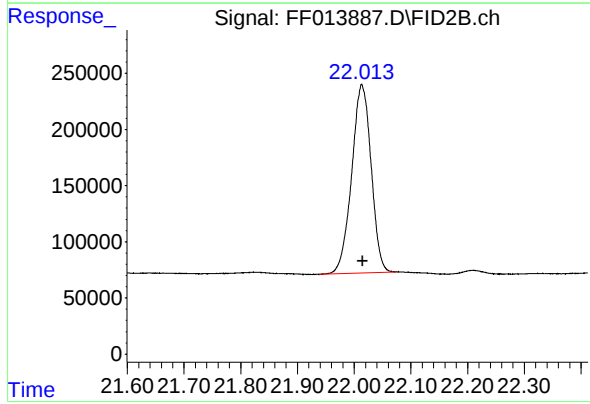
#17 N-OCTATRIACONTANE

R.T.: 21.120 min
Delta R.T.: 0.000 min
Response: 3967712
Conc: 53.28 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.013 min
Delta R.T.: -0.002 min
Response: 3990628
Conc: 51.10 ug/ml m