

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022223\
 Data File : FF012185.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 14:25
 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 02/23/2023
 Supervised By :Ankita Jodhani 02/23/2023

Integration File: autoint1.e
 Quant Time: Feb 23 00:50:11 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...	15.042	5201593	43.843 ug/ml
Target Compounds			
1) N-OCTANE	2.080	5803039	43.572 ug/ml
2) N-DECANE	4.600	5871900	43.790 ug/ml
3) N-DODECANE	6.763	6002154	44.179 ug/ml
4) N-TETRADECANE	8.589	6058423	43.519 ug/ml
5) N-HEXADECANE	10.195	6164194	43.303 ug/ml
6) N-OCTADECANE	11.637	6179833	43.472 ug/ml
7) N-EICOSANE	12.947	6130651	43.454 ug/ml
8) N-DOCOSANE	14.143	5887558	43.646 ug/ml
10) N-TETRACOSANE	15.247	5816721	43.905 ug/ml
11) N-HEXACOSANE	16.267	5649036	44.285 ug/ml
12) N-OCTACOSANE	17.217	5472758	44.589 ug/ml
13) N-TRIACONTANE	18.103	5244724	44.927 ug/ml
14) N-DOTRIACONTANE	18.935	4944099	44.404 ug/mlm
15) N-TETRATRIACONTANE	19.718	4376799	44.235 ug/mlm
16) N-HEXATRIACONTANE	20.457	3954660	41.701 ug/ml
17) N-OCTATRIACONTANE	21.196	3645574	42.519 ug/mlm
18) N-TETRACONTANE	22.115	3642063	39.998 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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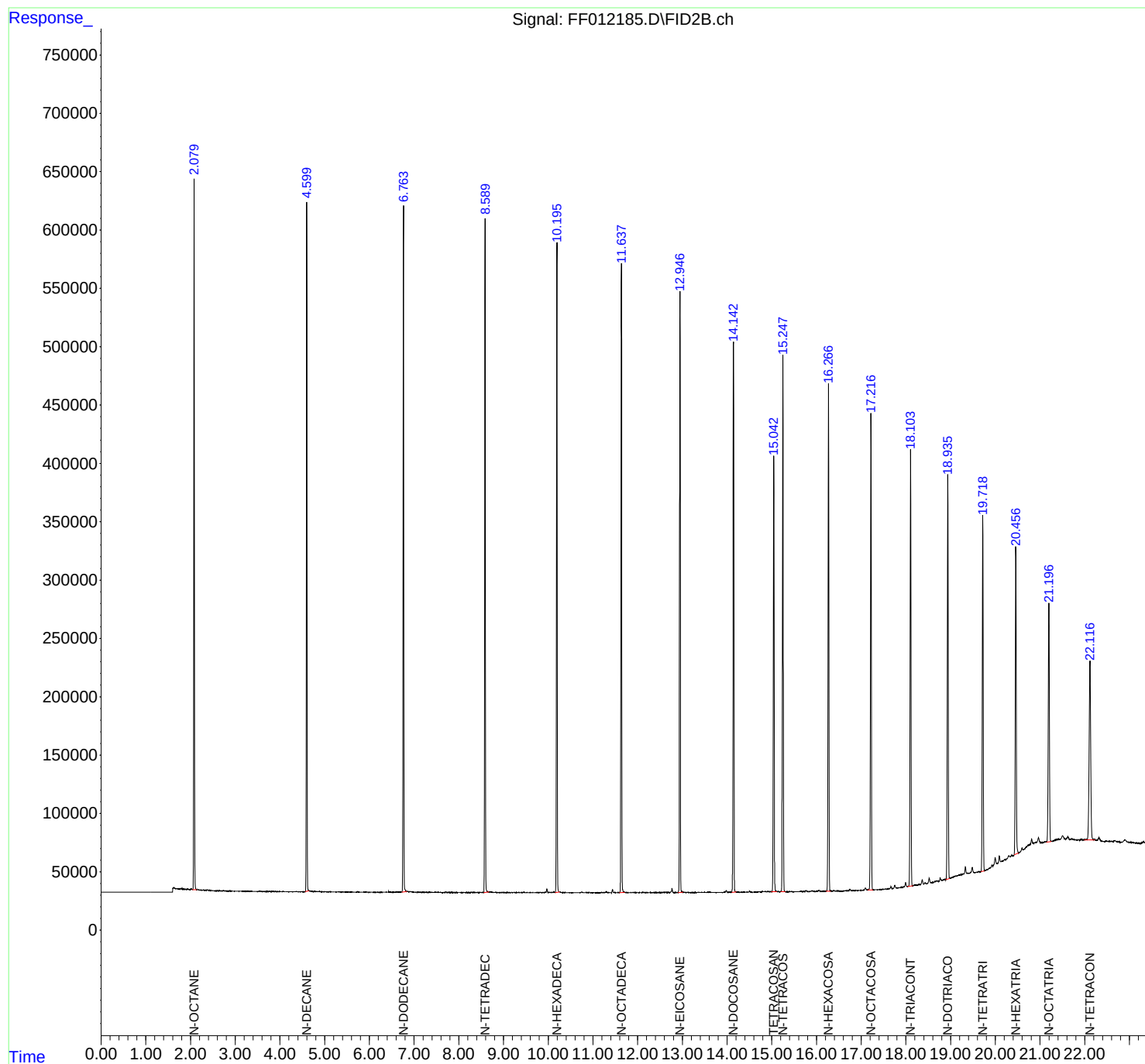
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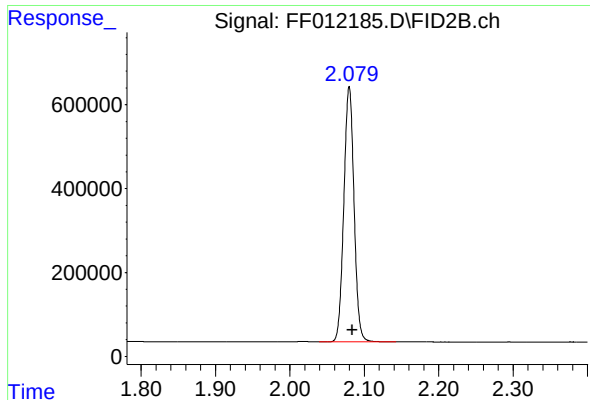
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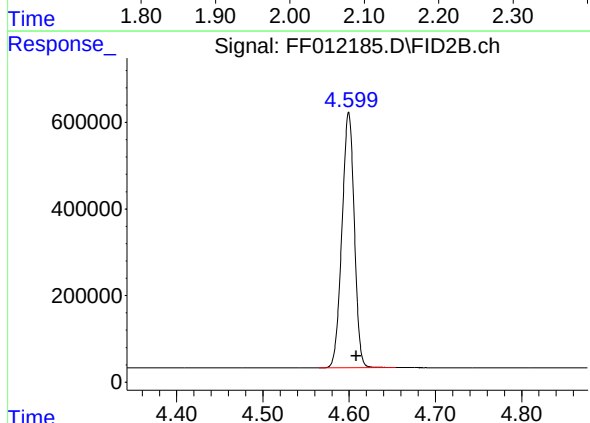
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: -0.004 min
Response: 5803039
Conc: 43.57 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

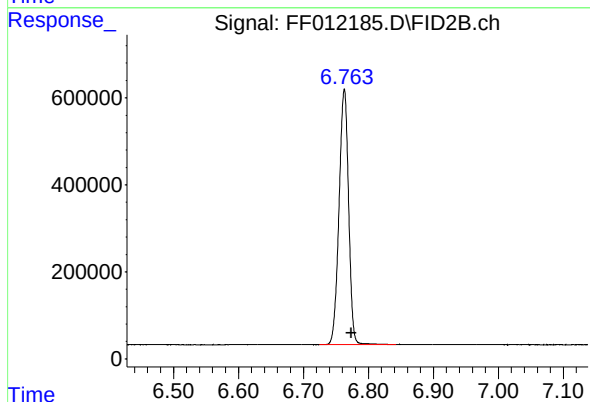
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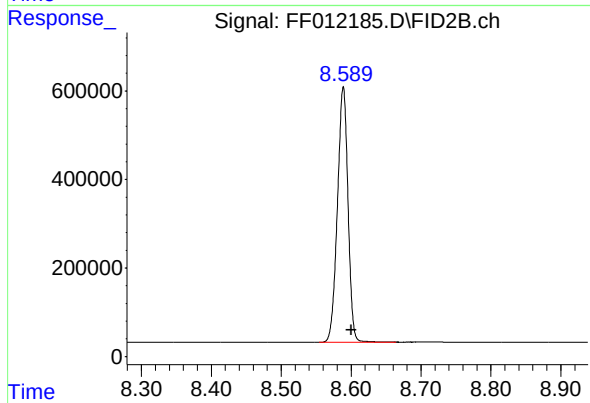
#2 N-DECANE

R.T.: 4.600 min
Delta R.T.: -0.009 min
Response: 5871900
Conc: 43.79 ug/ml



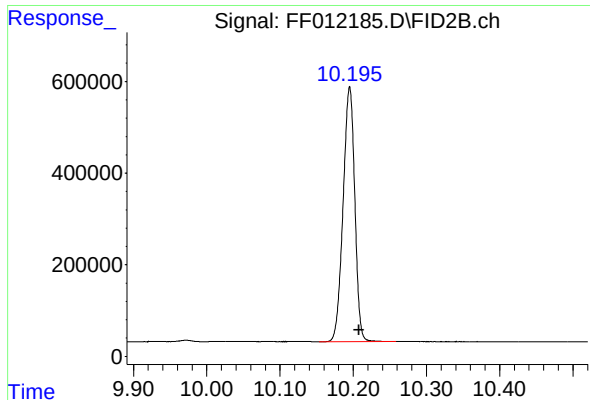
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.011 min
Response: 6002154
Conc: 44.18 ug/ml



#4 N-TETRADECANE

R.T.: 8.589 min
Delta R.T.: -0.012 min
Response: 6058423
Conc: 43.52 ug/ml



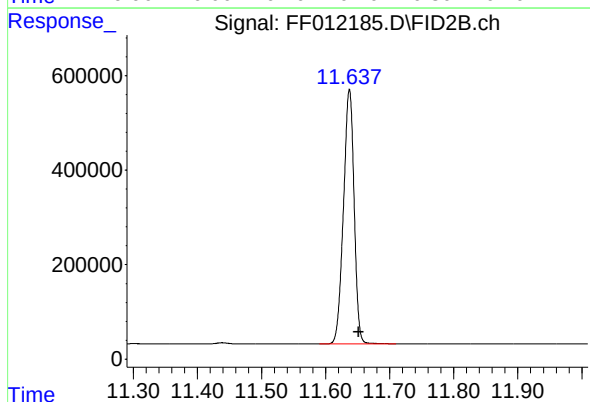
#5 N-HEXADECANE

R.T.: 10.195 min
Delta R.T.: -0.013 min
Response: 6164194
Conc: 43.30 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

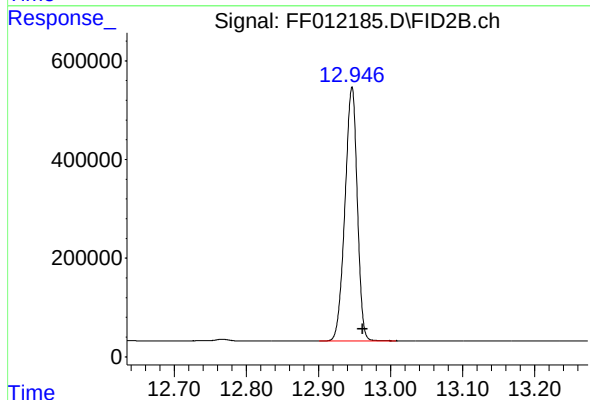
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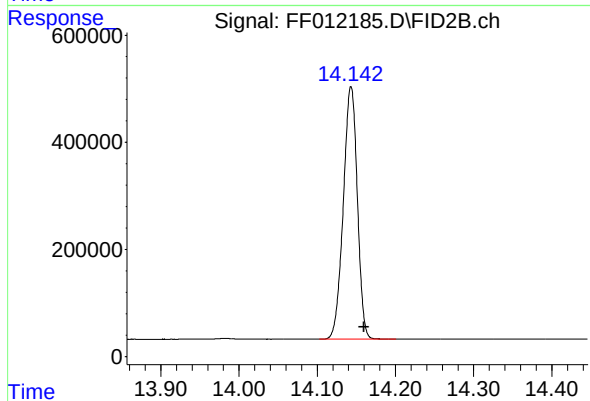
#6 N-OCTADECANE

R.T.: 11.637 min
Delta R.T.: -0.014 min
Response: 6179833
Conc: 43.47 ug/ml



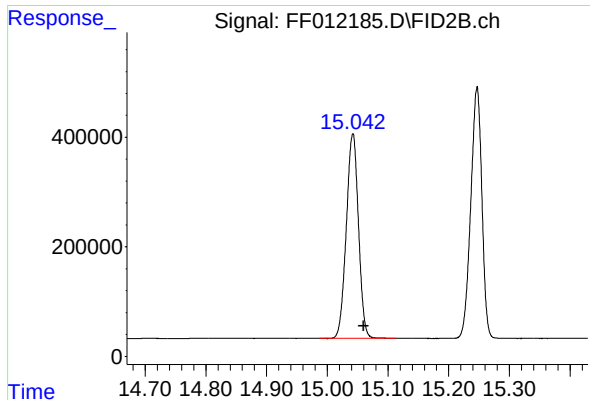
#7 N-EICOSANE

R.T.: 12.947 min
Delta R.T.: -0.015 min
Response: 6130651
Conc: 43.45 ug/ml



#8 N-DOCOSANE

R.T.: 14.143 min
Delta R.T.: -0.017 min
Response: 5887558
Conc: 43.65 ug/ml



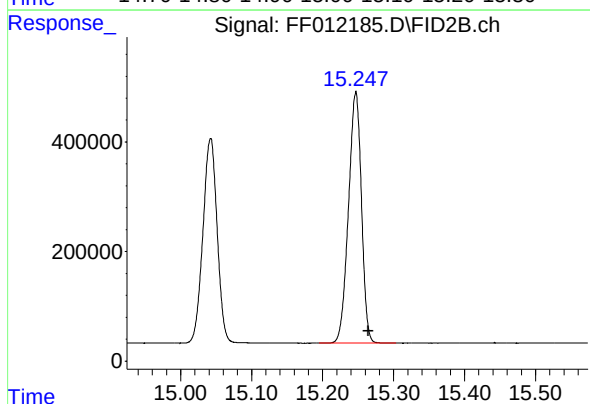
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: -0.017 min
Response: 5201593
Conc: 43.84 ug/ml

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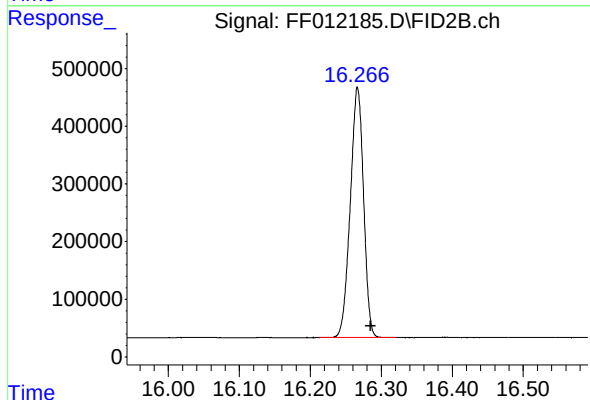
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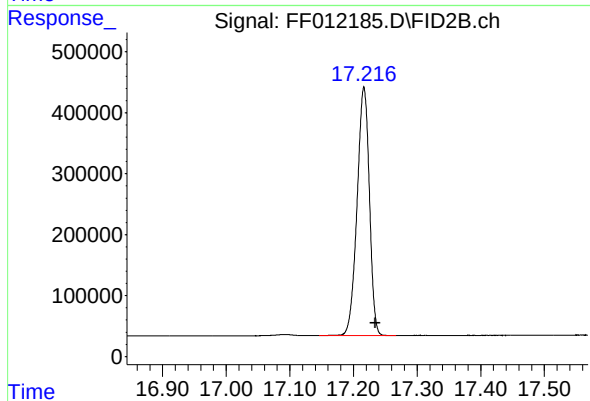
#10 N-TETRACOSANE

R.T.: 15.247 min
Delta R.T.: -0.018 min
Response: 5816721
Conc: 43.90 ug/ml



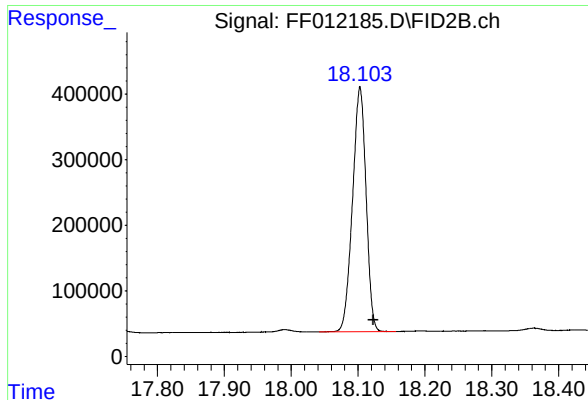
#11 N-HEXACOSANE

R.T.: 16.267 min
Delta R.T.: -0.019 min
Response: 5649036
Conc: 44.28 ug/ml



#12 N-OCTACOSANE

R.T.: 17.217 min
Delta R.T.: -0.018 min
Response: 5472758
Conc: 44.59 ug/ml



#13 N-TRIACONTANE

R.T.: 18.103 min
Delta R.T.: -0.019 min
Response: 5244724
Conc: 44.93 ug/ml

Instrument :

FID_F

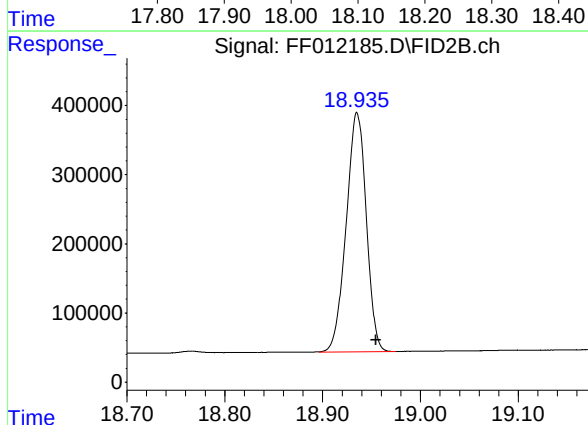
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

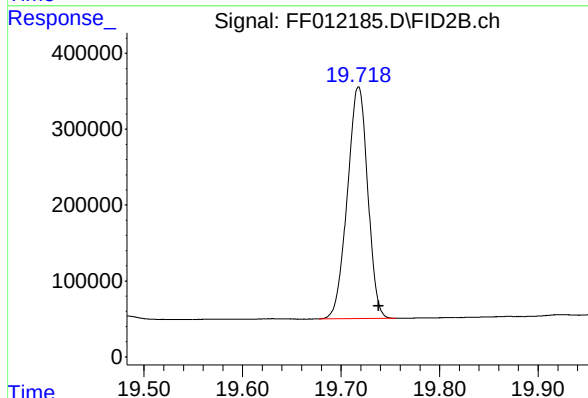
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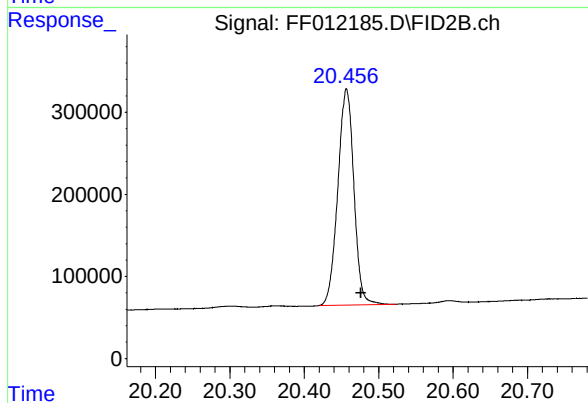
#14 N-DOTRIACONTANE

R.T.: 18.935 min
Delta R.T.: -0.020 min
Response: 4944099
Conc: 44.40 ug/ml m



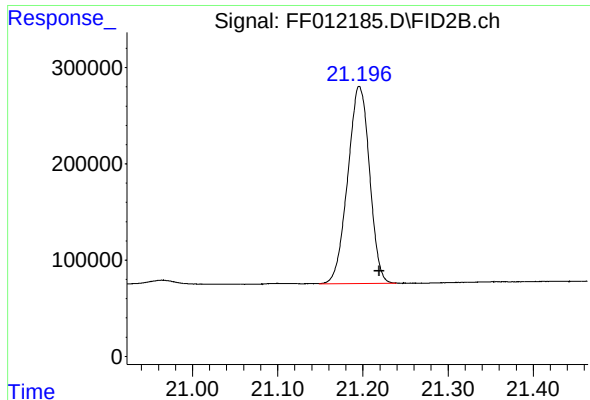
#15 N-TETRATRIACONTANE

R.T.: 19.718 min
Delta R.T.: -0.020 min
Response: 4376799
Conc: 44.23 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.457 min
Delta R.T.: -0.020 min
Response: 3954660
Conc: 41.70 ug/ml



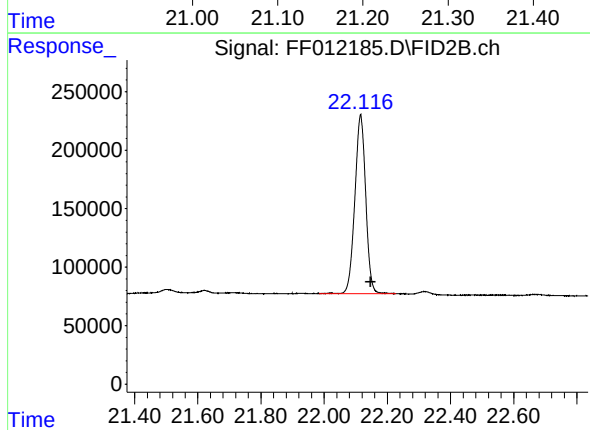
#17 N-OCTATRIACONTANE

R.T.: 21.196 min
Delta R.T.: -0.024 min
Response: 3645574
Conc: 42.52 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.115 min
Delta R.T.: -0.032 min
Response: 3642063
Conc: 40.00 ug/ml