

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052623\
 Data File : FF012770.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 18:55
 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 05/30/2023
 Supervised By :Ankita Jodhani 05/30/2023

Integration File: autoint1.e
 Quant Time: May 27 02:53:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF050523.M
 Quant Title :
 QLast Update : Fri May 05 16:23:08 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...	14.993	5434736	45.020 ug/ml
Target Compounds			
1) N-OCTANE	2.039	6066206	46.617 ug/ml
2) N-DECANE	4.555	6221344	46.605 ug/ml
3) N-DODECANE	6.720	6242551	47.769 ug/ml
4) N-TETRADECANE	8.544	6223510	48.290 ug/ml
5) N-HEXADECANE	10.149	6383121	47.361 ug/ml
6) N-OCTADECANE	11.591	6452091	46.580 ug/ml
7) N-EICOSANE	12.899	6402826	46.252 ug/ml
8) N-DOCOSANE	14.095	6144208	45.865 ug/ml
10) N-TETRACOSANE	15.197	6080994	45.572 ug/ml
11) N-HEXACOSANE	16.216	5909716	45.587 ug/ml
12) N-OCTACOSANE	17.165	5768421	45.518 ug/ml
13) N-TRIACONTANE	18.052	5645517	45.139 ug/ml
14) N-DOTRIACONTANE	18.884	5426352	45.424 ug/ml
15) N-TETRATRIACONTANE	19.667	5100734	46.369 ug/ml
16) N-HEXATRIACONTANE	20.405	4992548	47.980 ug/ml
17) N-OCTATRIACONTANE	21.137	5343290	53.134 ug/ml
18) N-TETRACONTANE	22.035	4986317	48.135 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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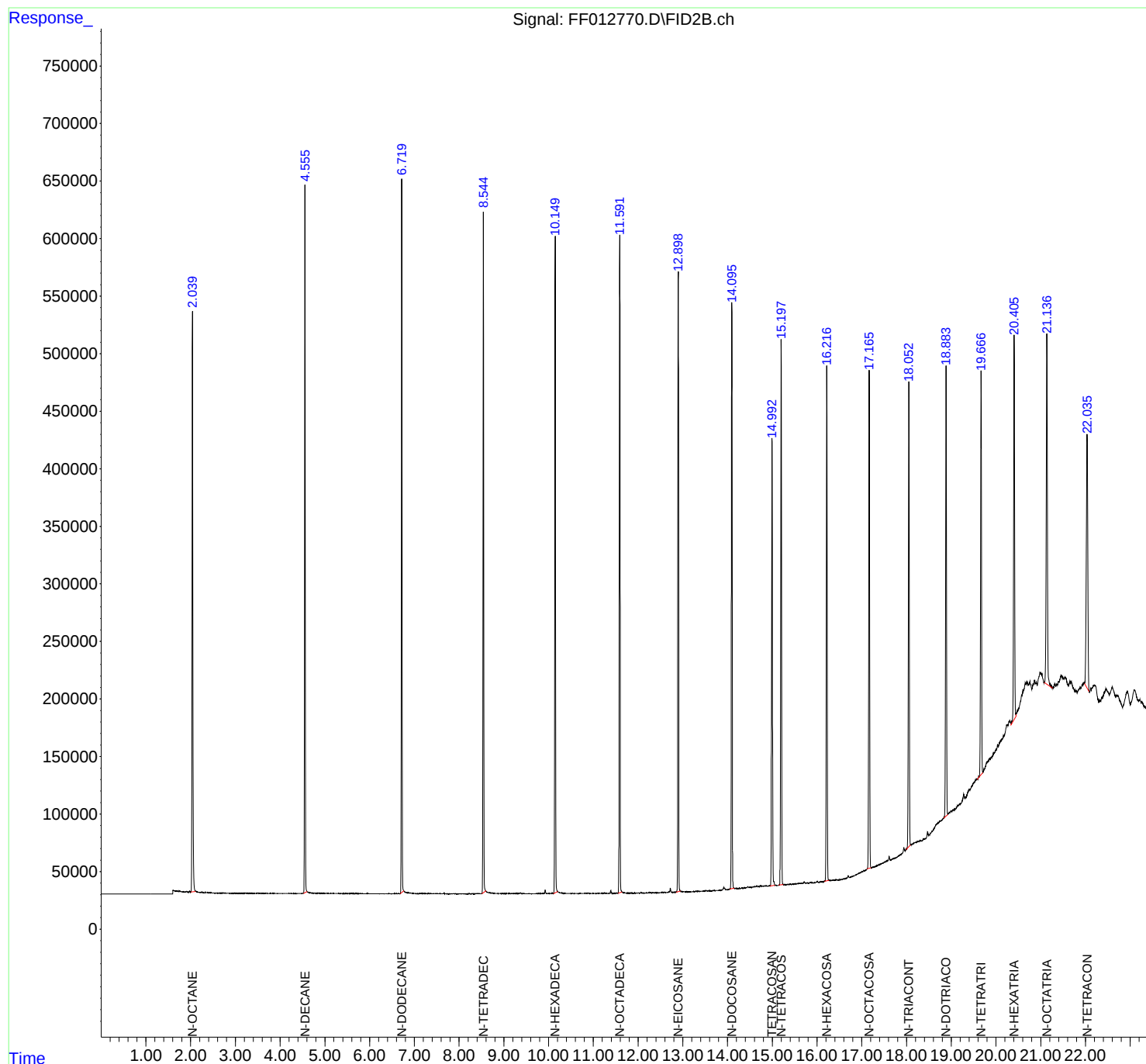
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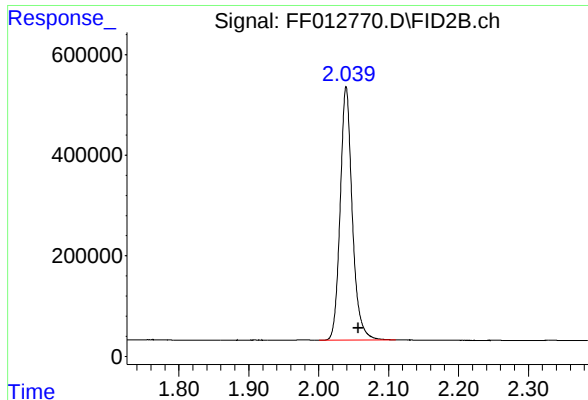
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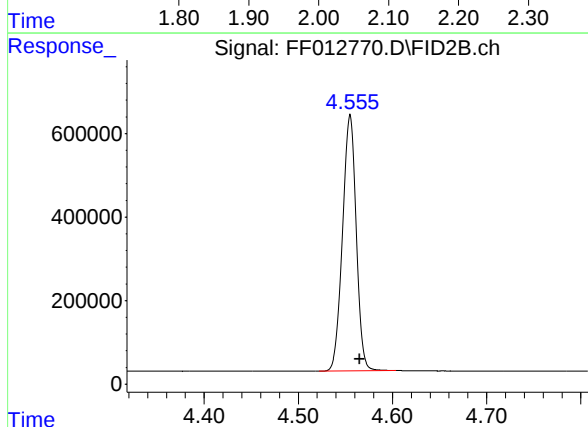
#1 N-OCTANE

R.T.: 2.039 min
Delta R.T.: -0.018 min
Response: 6066206
Conc: 46.62 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

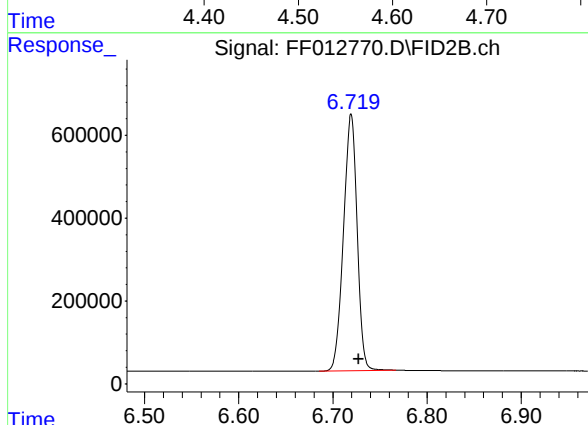
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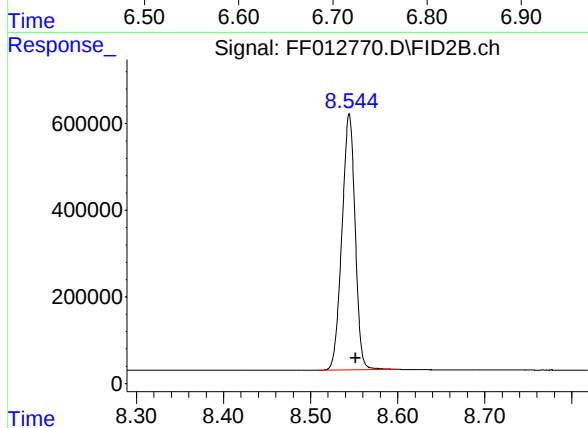
#2 N-DECANE

R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 6221344
Conc: 46.61 ug/ml



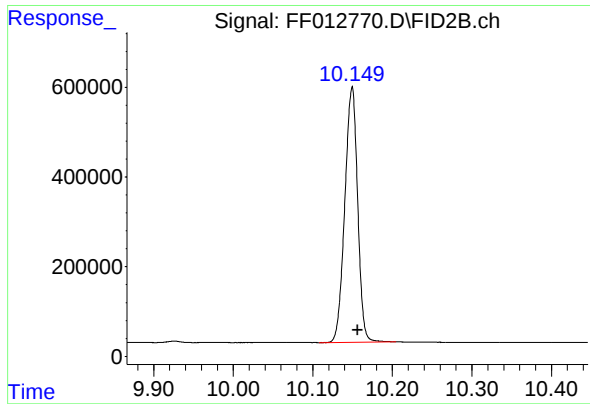
#3 N-DODECANE

R.T.: 6.720 min
Delta R.T.: -0.008 min
Response: 6242551
Conc: 47.77 ug/ml



#4 N-TETRADECANE

R.T.: 8.544 min
Delta R.T.: -0.007 min
Response: 6223510
Conc: 48.29 ug/ml



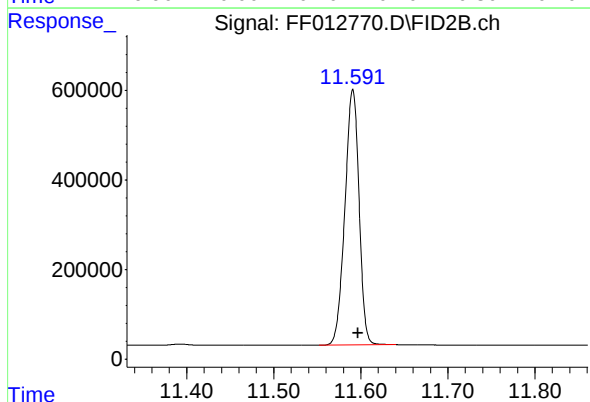
#5 N-HEXADECANE

R.T.: 10.149 min
Delta R.T.: -0.007 min
Response: 6383121
Conc: 47.36 ug/ml

Instrument :
FID_F
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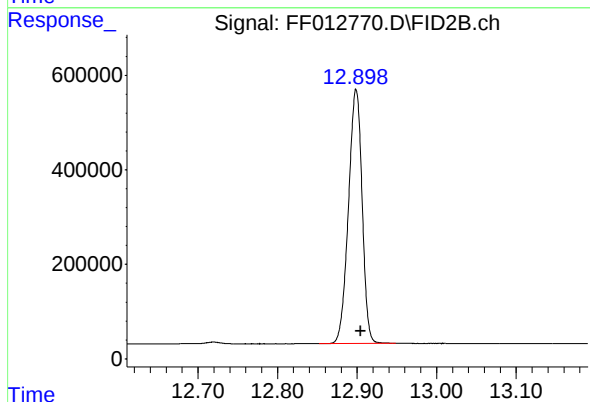
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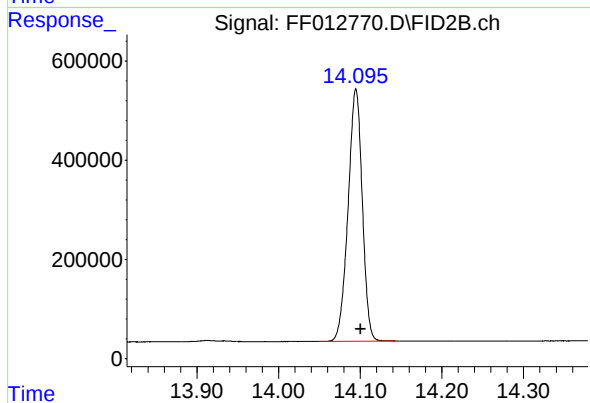
#6 N-OCTADECANE

R.T.: 11.591 min
Delta R.T.: -0.006 min
Response: 6452091
Conc: 46.58 ug/ml



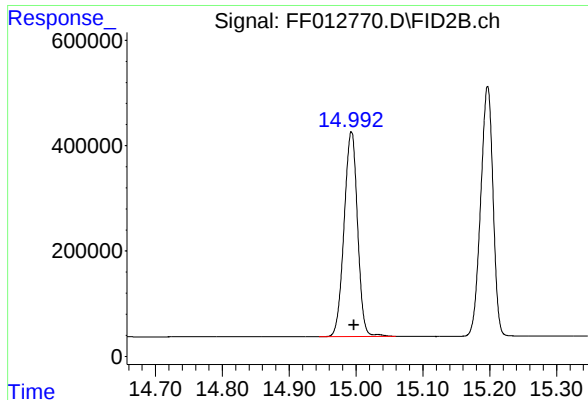
#7 N-EICOSANE

R.T.: 12.899 min
Delta R.T.: -0.006 min
Response: 6402826
Conc: 46.25 ug/ml



#8 N-DOCOSANE

R.T.: 14.095 min
Delta R.T.: -0.006 min
Response: 6144208
Conc: 45.86 ug/ml



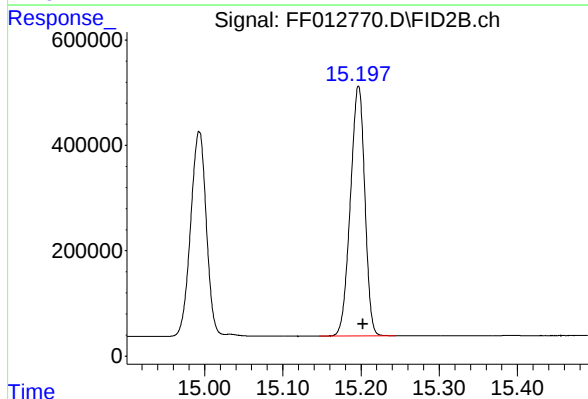
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.993 min
Delta R.T.: -0.004 min
Response: 5434736
Conc: 45.02 ug/ml

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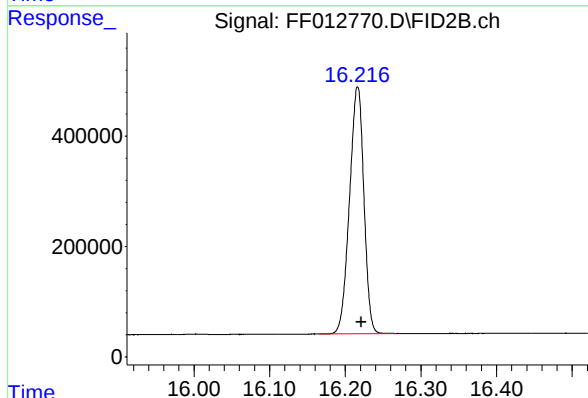
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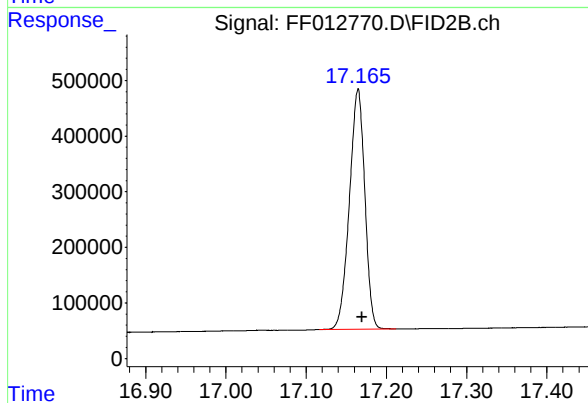
#10 N-TETRACOSANE

R.T.: 15.197 min
Delta R.T.: -0.005 min
Response: 6080994
Conc: 45.57 ug/ml



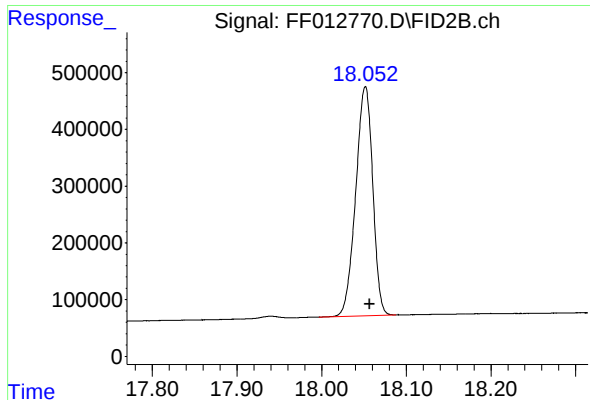
#11 N-HEXACOSANE

R.T.: 16.216 min
Delta R.T.: -0.005 min
Response: 5909716
Conc: 45.59 ug/ml



#12 N-OCTACOSANE

R.T.: 17.165 min
Delta R.T.: -0.005 min
Response: 5768421
Conc: 45.52 ug/ml



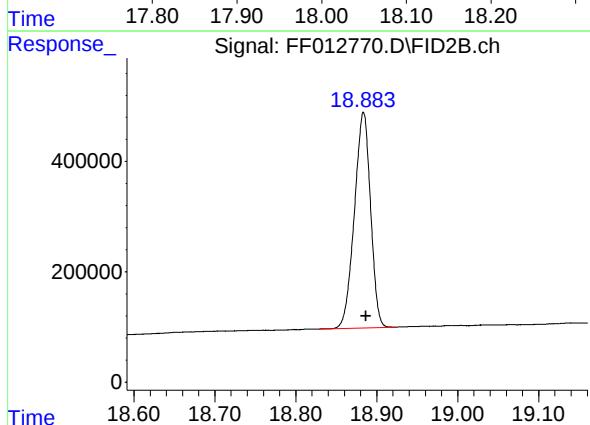
#13 N-TRIACONTANE

R.T.: 18.052 min
Delta R.T.: -0.005 min
Response: 5645517
Conc: 45.14 ug/ml

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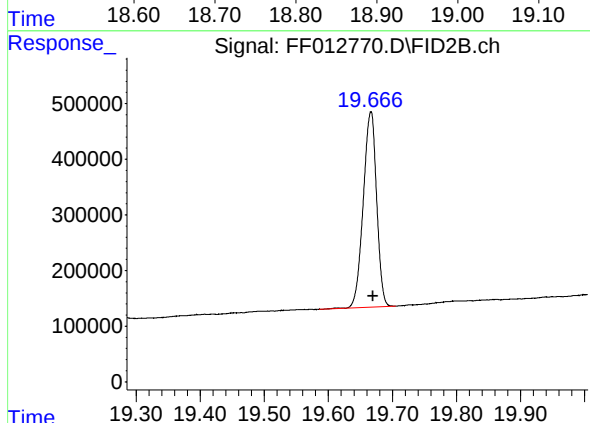
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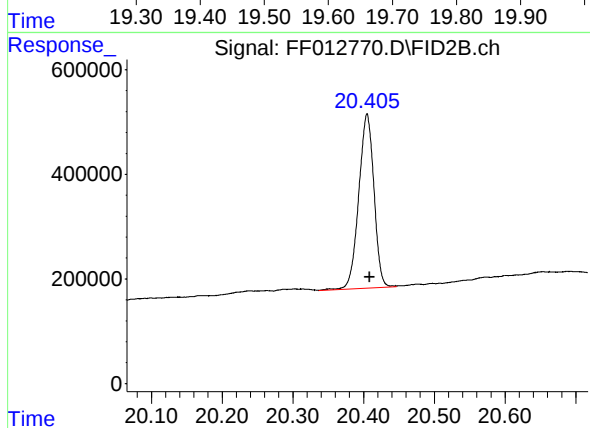
#14 N-DOTRIACONTANE

R.T.: 18.884 min
Delta R.T.: -0.003 min
Response: 5426352
Conc: 45.42 ug/ml



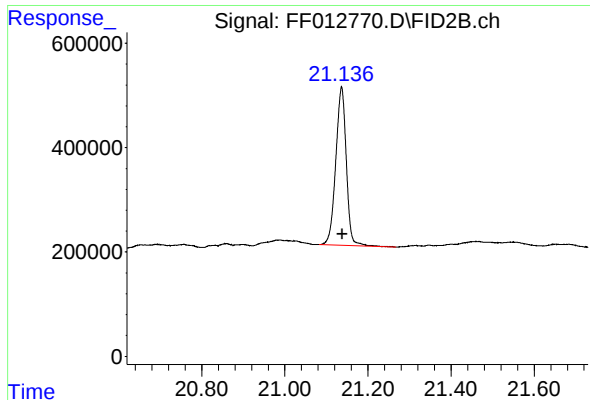
#15 N-TETRATRIACONTANE

R.T.: 19.667 min
Delta R.T.: -0.003 min
Response: 5100734
Conc: 46.37 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.405 min
Delta R.T.: -0.004 min
Response: 4992548
Conc: 47.98 ug/ml



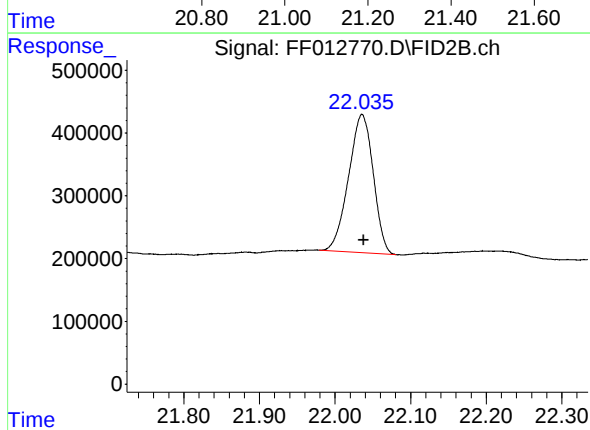
#17 N-OCTATRIACONTANE

R.T.: 21.137 min
Delta R.T.: -0.002 min
Response: 5343290
Conc: 53.13 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.035 min
Delta R.T.: -0.003 min
Response: 4986317
Conc: 48.14 ug/ml m