

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF060923\
 Data File : FF012860.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jun 2023 15:57
 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 06/12/2023
 Supervised By :Ankita Jodhani 06/12/2023

Integration File: autoint1.e
 Quant Time: Jun 09 23:25:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF060223.M
 Quant Title :
 QLast Update : Fri Jun 02 06:12:01 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...	14.967	5156455	44.156 ug/mlm
Target Compounds			
1) N-OCTANE	2.022	5341630	41.295 ug/mlm
2) N-DECANE	4.538	5808224	43.853 ug/ml
3) N-DODECANE	6.701	5818808	44.649 ug/ml
4) N-TETRADECANE	8.525	5810903	44.887 ug/ml
5) N-HEXADECANE	10.129	5965590	44.515 ug/ml
6) N-OCTADECANE	11.568	6044342	44.016 ug/ml
7) N-EICOSANE	12.876	6049791	44.172 ug/ml
8) N-DOCOSANE	14.072	5855778	44.294 ug/ml
10) N-TETRACOSANE	15.172	5867593	44.397 ug/ml
11) N-HEXACOSANE	16.192	5734671	44.372 ug/ml
12) N-OCTACOSANE	17.139	5672813	44.263 ug/ml
13) N-TRIACONTANE	18.026	5656918	43.870 ug/ml
14) N-DOTRIACONTANE	18.855	5482154	43.372 ug/ml
15) N-TETRATRIACONTANE	19.638	5115448	43.059 ug/ml
16) N-HEXATRIACONTANE	20.377	4859294	40.462 ug/ml
17) N-OCTATRIACONTANE	21.103	4803736	41.293 ug/mlm
18) N-TETRACONTANE	21.992	4863949	39.093 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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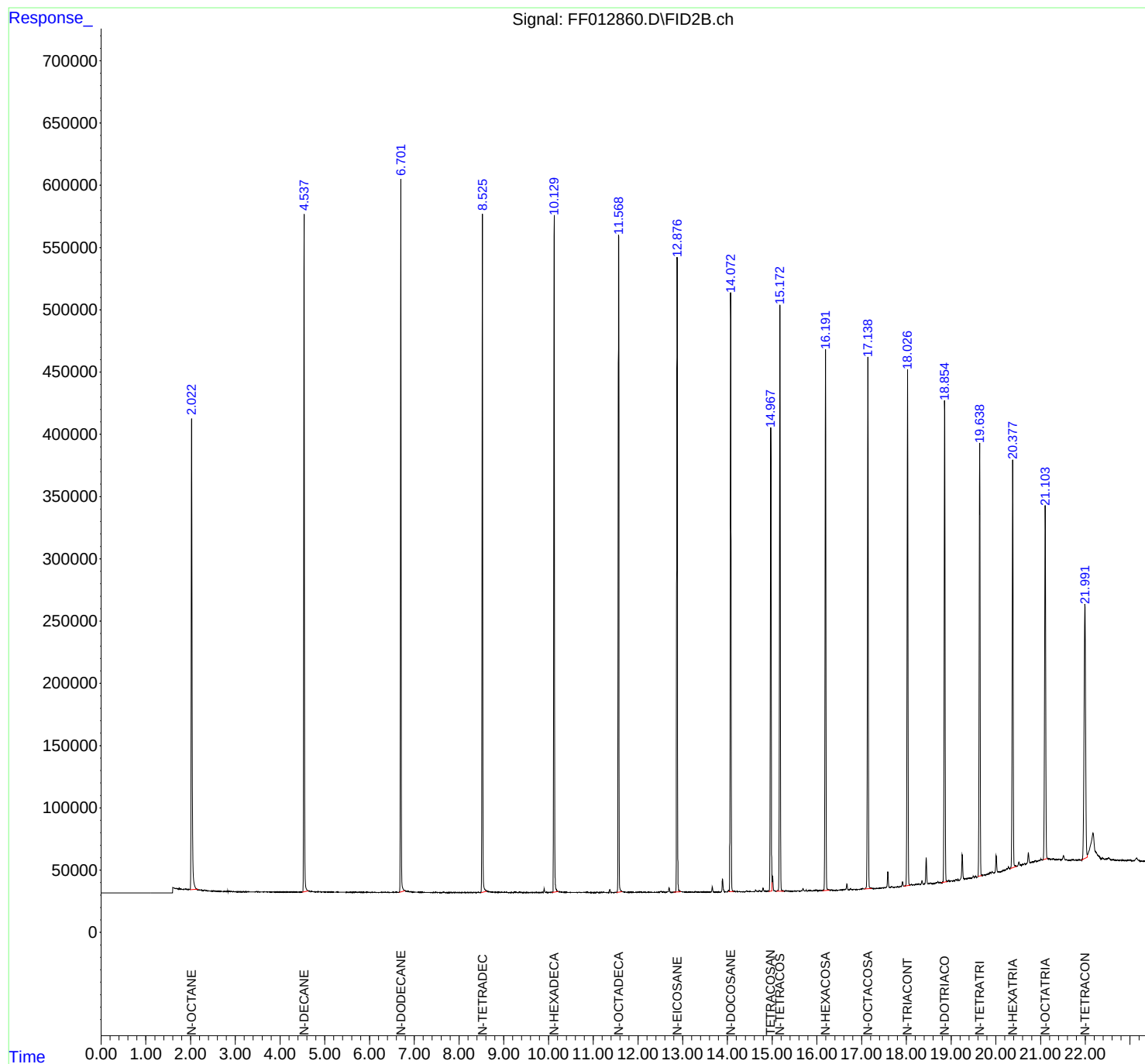
Instrument :
FID_F
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50 PPM TRPH STD

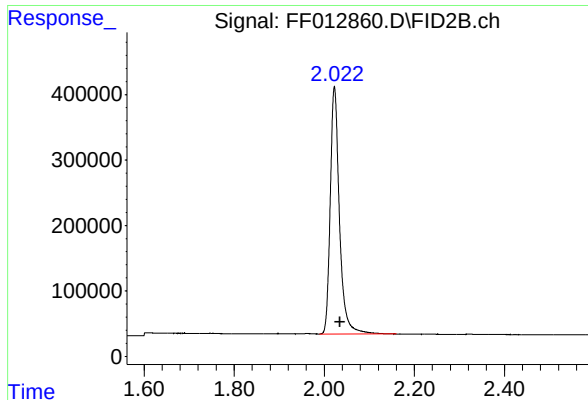
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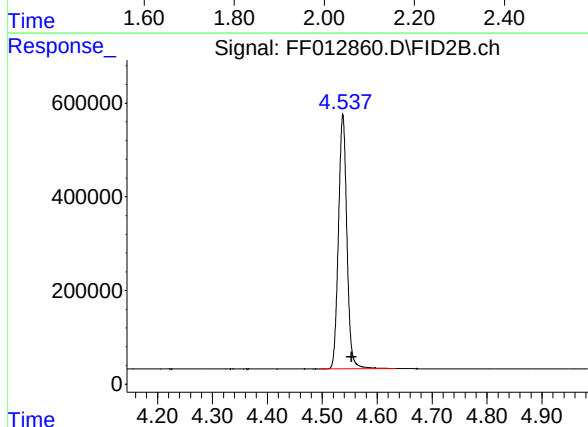
#1 N-OCTANE

R.T.: 2.022 min
Delta R.T.: -0.013 min
Response: 5341630
Conc: 41.29 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

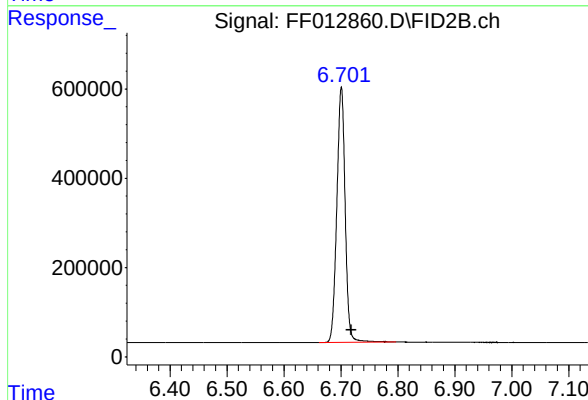
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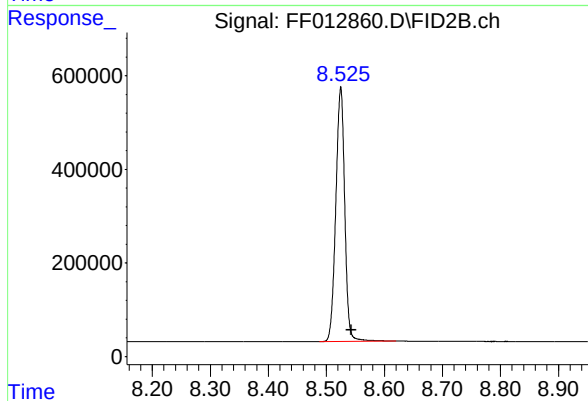
#2 N-DECANE

R.T.: 4.538 min
Delta R.T.: -0.016 min
Response: 5808224
Conc: 43.85 ug/ml



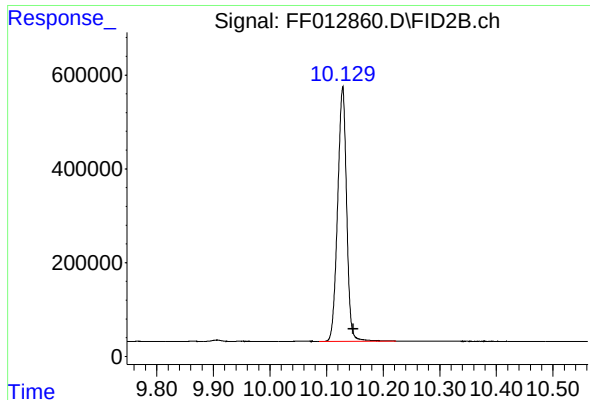
#3 N-DODECANE

R.T.: 6.701 min
Delta R.T.: -0.018 min
Response: 5818808
Conc: 44.65 ug/ml



#4 N-TETRADECANE

R.T.: 8.525 min
Delta R.T.: -0.018 min
Response: 5810903
Conc: 44.89 ug/ml



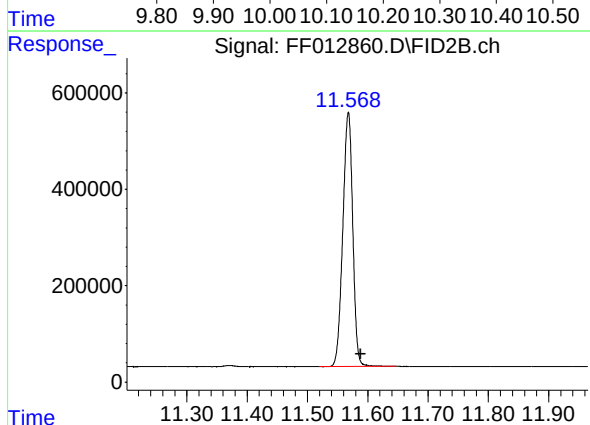
#5 N-HEXADECANE

R.T.: 10.129 min
Delta R.T.: -0.019 min
Response: 5965590
Conc: 44.52 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

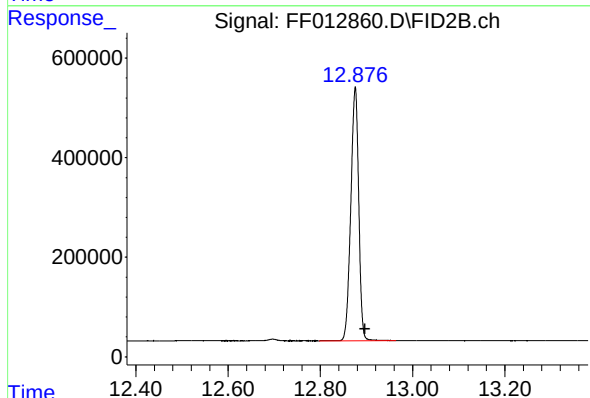
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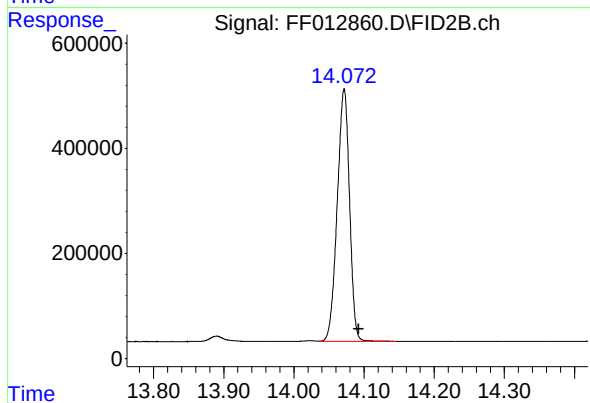
#6 N-OCTADECANE

R.T.: 11.568 min
Delta R.T.: -0.020 min
Response: 6044342
Conc: 44.02 ug/ml



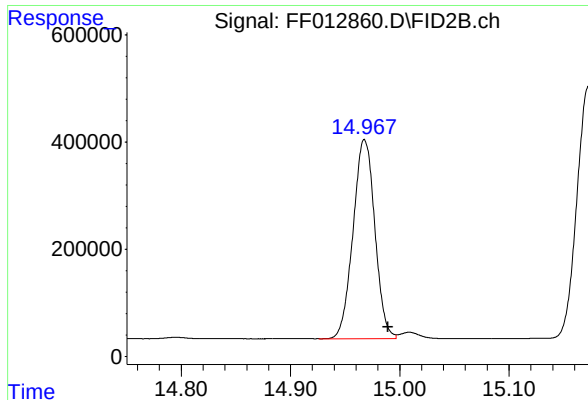
#7 N-EICOSANE

R.T.: 12.876 min
Delta R.T.: -0.020 min
Response: 6049791
Conc: 44.17 ug/ml



#8 N-DOCOSANE

R.T.: 14.072 min
Delta R.T.: -0.021 min
Response: 5855778
Conc: 44.29 ug/ml



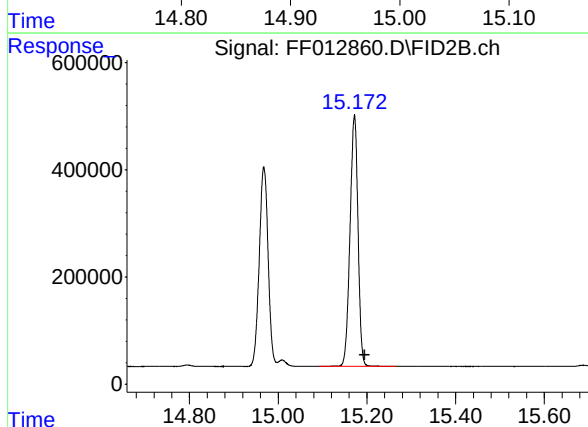
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.967 min
Delta R.T.: -0.022 min
Response: 5156455
Conc: 44.16 ug/ml

Instrument :
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50 PPM TRPH STD

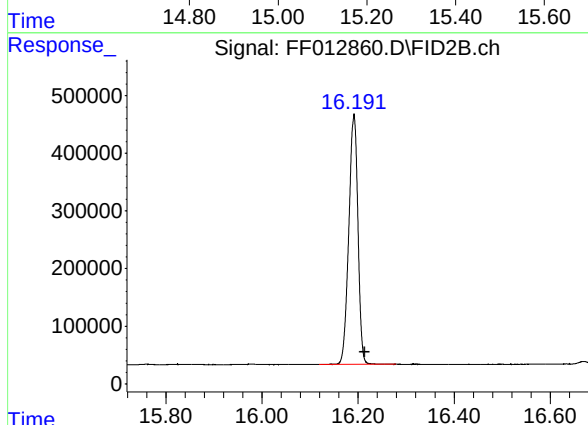
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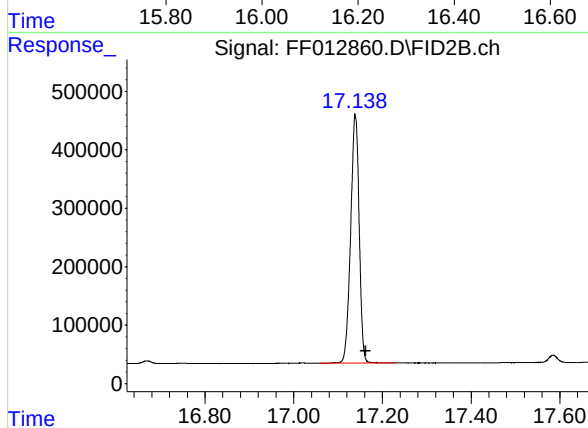
#10 N-TETRACOSANE

R.T.: 15.172 min
Delta R.T.: -0.023 min
Response: 5867593
Conc: 44.40 ug/ml



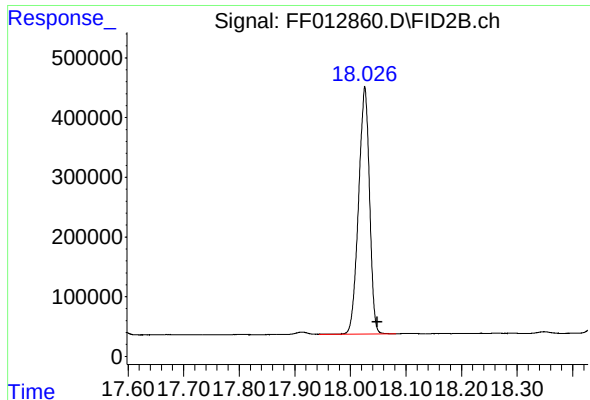
#11 N-HEXACOSANE

R.T.: 16.192 min
Delta R.T.: -0.022 min
Response: 5734671
Conc: 44.37 ug/ml



#12 N-OCTACOSANE

R.T.: 17.139 min
Delta R.T.: -0.024 min
Response: 5672813
Conc: 44.26 ug/ml



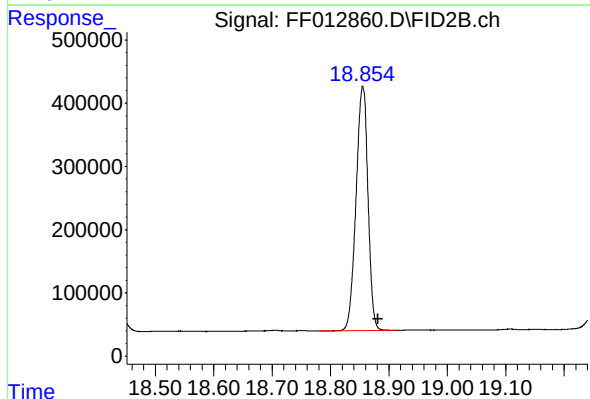
#13 N-TRIACONTANE

R.T.: 18.026 min
Delta R.T.: -0.023 min
Response: 5656918
Conc: 43.87 ug/ml

Instrument :
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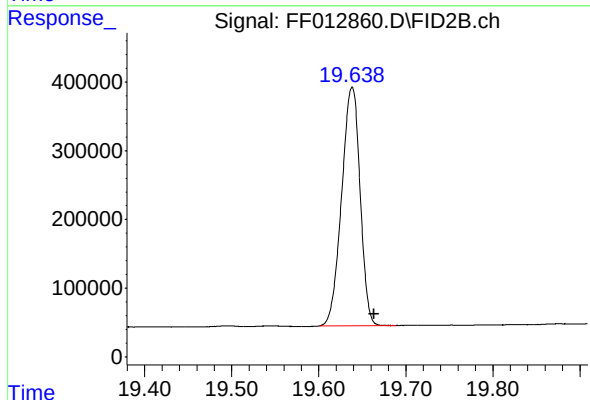
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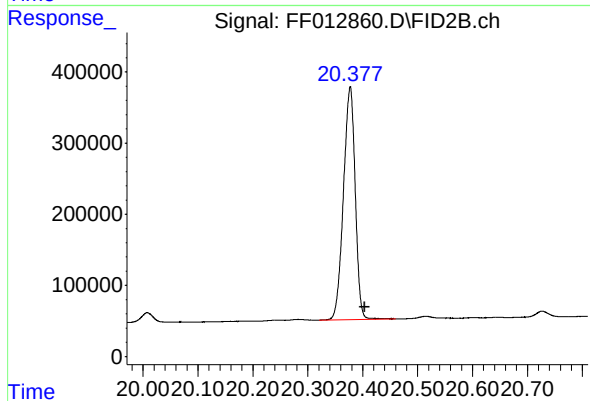
#14 N-DOTRIACONTANE

R.T.: 18.855 min
Delta R.T.: -0.026 min
Response: 5482154
Conc: 43.37 ug/ml



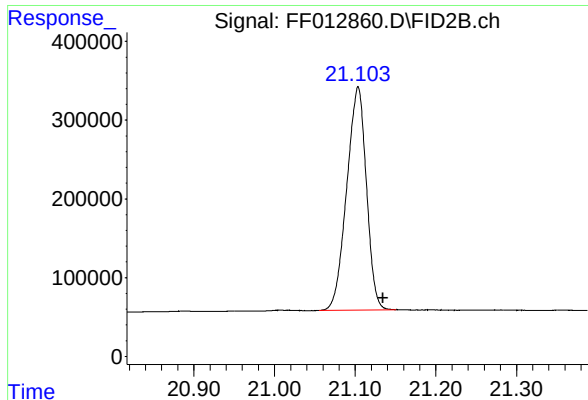
#15 N-TETRATRIACONTANE

R.T.: 19.638 min
Delta R.T.: -0.025 min
Response: 5115448
Conc: 43.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.377 min
Delta R.T.: -0.026 min
Response: 4859294
Conc: 40.46 ug/ml



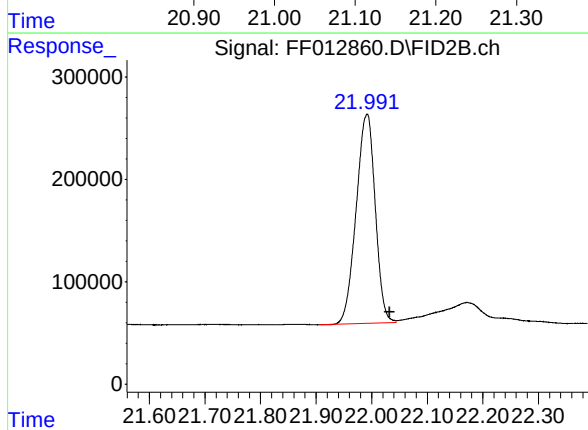
#17 N-OCTATRIACONTANE

R.T.: 21.103 min
Delta R.T.: -0.031 min
Response: 4803736
Conc: 41.29 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.992 min
Delta R.T.: -0.041 min
Response: 4863949
Conc: 39.09 ug/ml