

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022223\
 Data File : FF012179.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 11:19
 Operator : YP\AJ
 Sample : PB150844BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB150844BS

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 00:49:23 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...	15.043	2214388	18.664 ug/ml
Target Compounds			
1) N-OCTANE	2.087	1958686	14.707 ug/ml
2) N-DECANE	4.601	2321070	17.310 ug/ml
3) N-DODECANE	6.763	2380283	17.520 ug/ml
4) N-TETRADECANE	8.589	2487726	17.870 ug/ml
5) N-HEXADECANE	10.194	2562954	18.005 ug/ml
6) N-OCTADECANE	11.637	2605165	18.326 ug/ml
7) N-EICOSANE	12.946	2546053	18.046 ug/ml
8) N-DOCOSANE	14.144	2501541	18.545 ug/ml
10) N-TETRACOSANE	15.247	2460302	18.570 ug/ml
11) N-HEXACOSANE	16.268	2406536	18.866 ug/ml
12) N-OCTACOSANE	17.217	2338552	19.053 ug/ml
13) N-TRIACONTANE	18.103	2295778	19.666 ug/ml
14) N-DOTRIACONTANE	18.935	2357099	21.169 ug/mlm
15) N-TETRATRIACONTANE	19.719	2340976	23.660 ug/mlm
16) N-HEXATRIACONTANE	20.459	2446739	25.800 ug/ml
17) N-OCTATRIACONTANE	21.198	2354250	27.458 ug/ml
18) N-TETRACONTANE	22.118	2550450	28.009 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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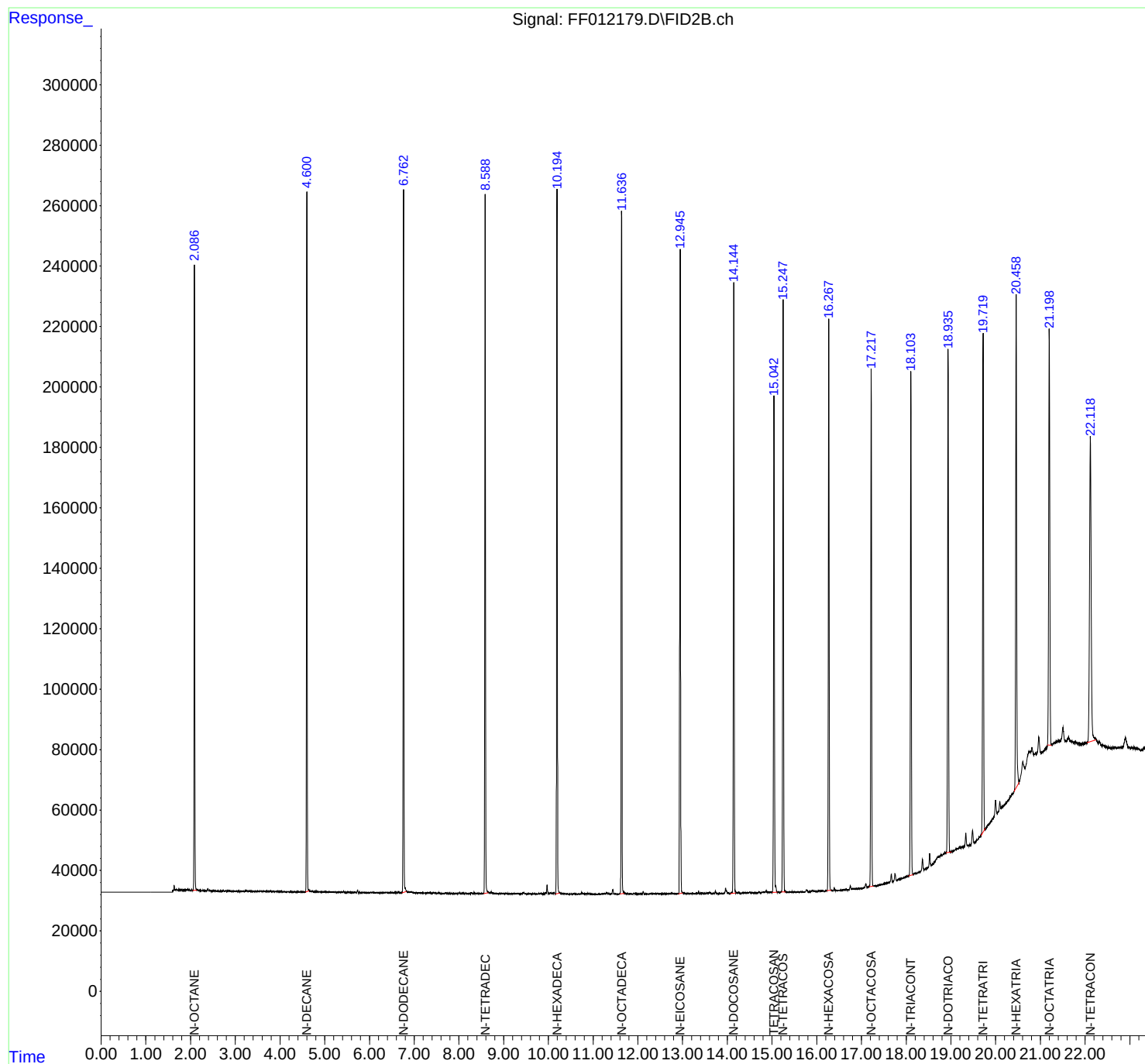
APPROVED

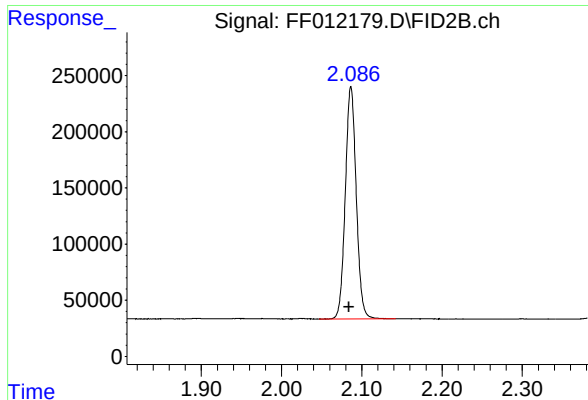
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#1 N-OCTANE

R.T.: 2.087 min
Delta R.T.: 0.003 min
Response: 1958686
Conc: 14.71 ug/ml

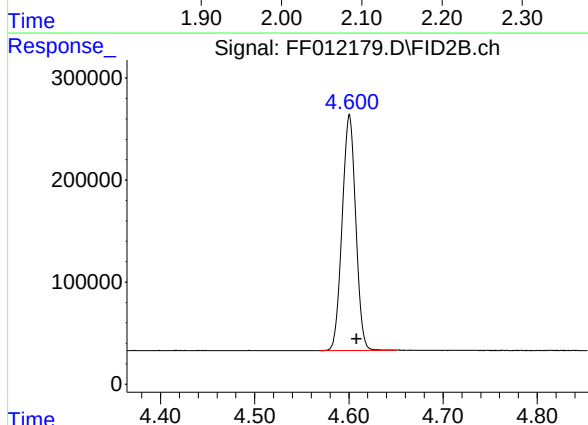
Instrument :

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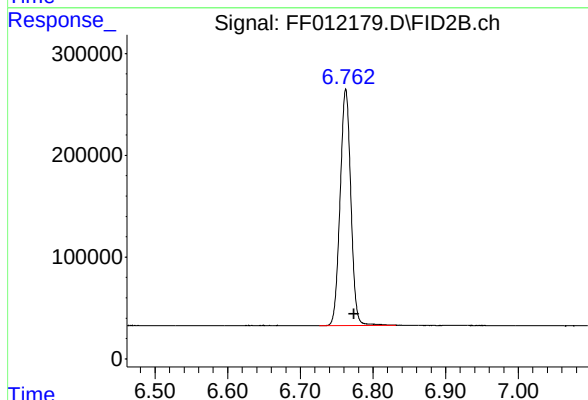
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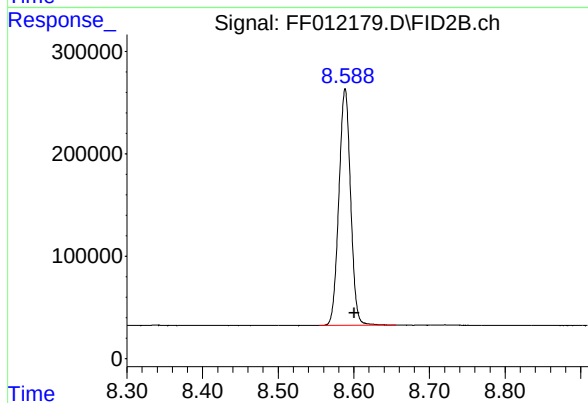
#2 N-DECANE

R.T.: 4.601 min
Delta R.T.: -0.008 min
Response: 2321070
Conc: 17.31 ug/ml



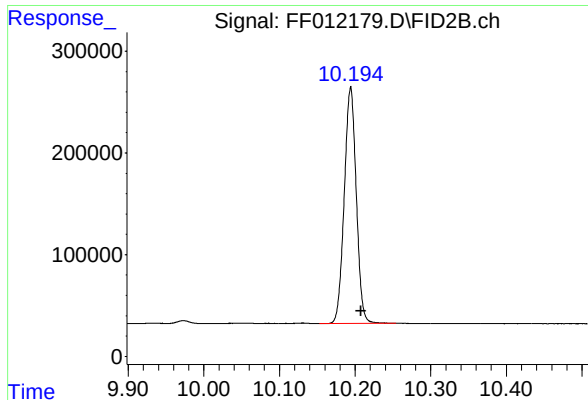
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.011 min
Response: 2380283
Conc: 17.52 ug/ml



#4 N-TETRADECANE

R.T.: 8.589 min
Delta R.T.: -0.012 min
Response: 2487726
Conc: 17.87 ug/ml



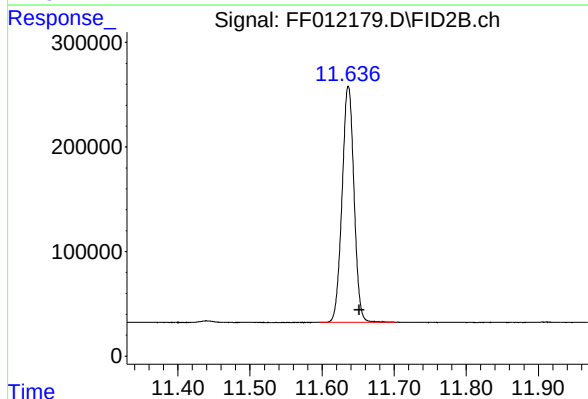
#5 N-HEXADECANE

R.T.: 10.194 min
Delta R.T.: -0.014 min
Response: 2562954
Conc: 18.00 ug/ml

Instrument :
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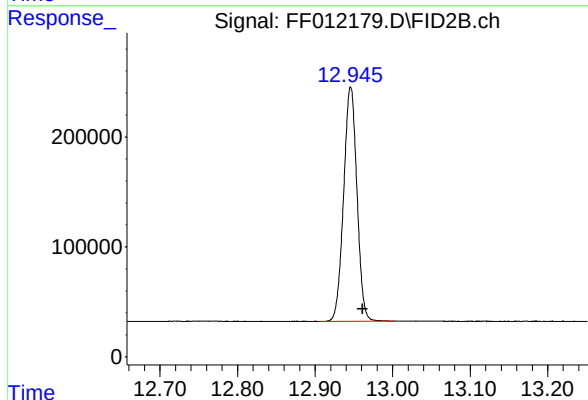
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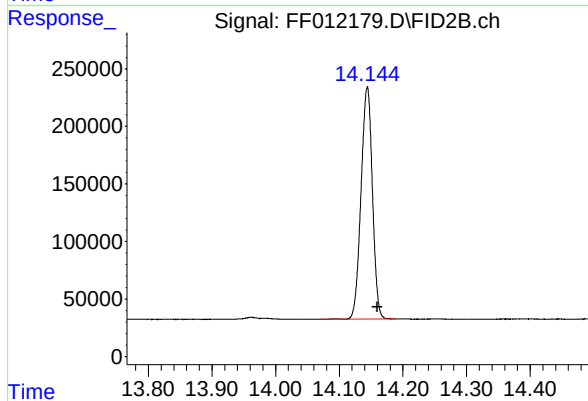
#6 N-OCTADECANE

R.T.: 11.637 min
Delta R.T.: -0.015 min
Response: 2605165
Conc: 18.33 ug/ml



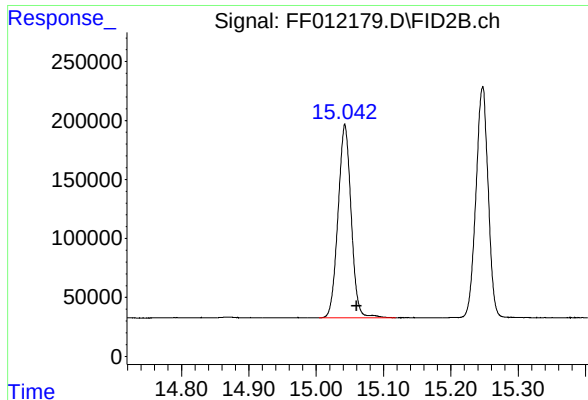
#7 N-EICOSANE

R.T.: 12.946 min
Delta R.T.: -0.015 min
Response: 2546053
Conc: 18.05 ug/ml



#8 N-DOCOSANE

R.T.: 14.144 min
Delta R.T.: -0.016 min
Response: 2501541
Conc: 18.54 ug/ml



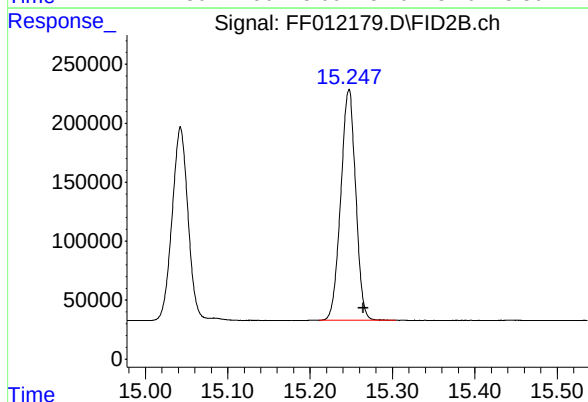
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: -0.017 min
Response: 2214388
Conc: 18.66 ug/ml

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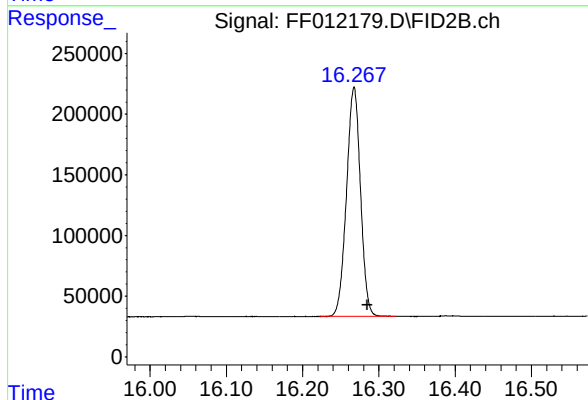
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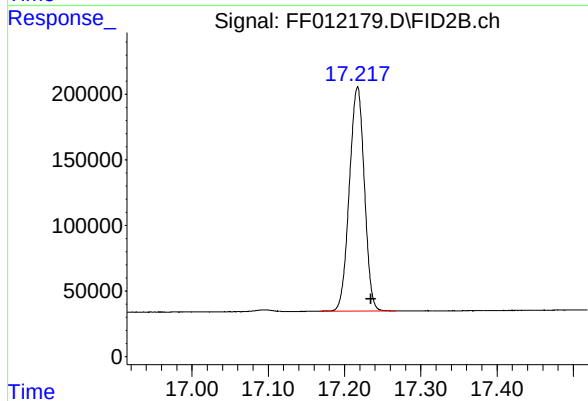
#10 N-TETRACOSANE

R.T.: 15.247 min
Delta R.T.: -0.017 min
Response: 2460302
Conc: 18.57 ug/ml



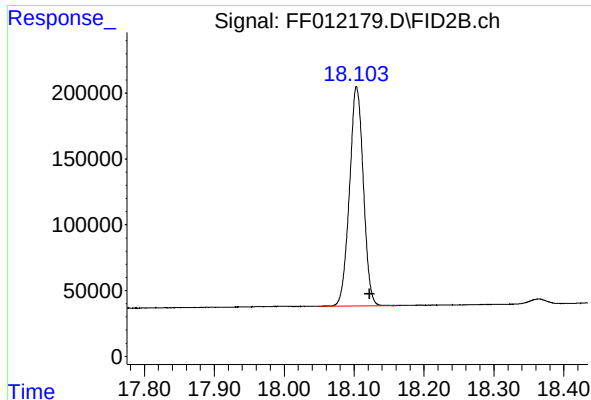
#11 N-HEXACOSANE

R.T.: 16.268 min
Delta R.T.: -0.018 min
Response: 2406536
Conc: 18.87 ug/ml



#12 N-OCTACOSANE

R.T.: 17.217 min
Delta R.T.: -0.017 min
Response: 2338552
Conc: 19.05 ug/ml



#13 N-TRIACONTANE

R.T.: 18.103 min
Delta R.T.: -0.019 min
Response: 2295778
Conc: 19.67 ug/ml

Instrument :

FID_F

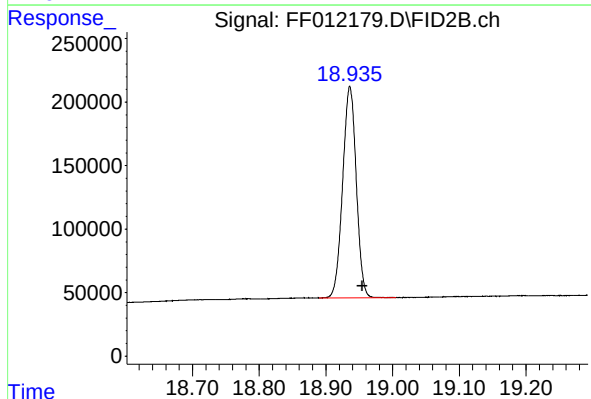
ClientSampleId :

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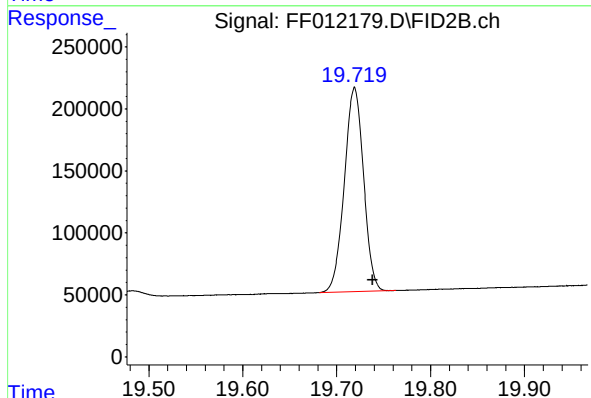
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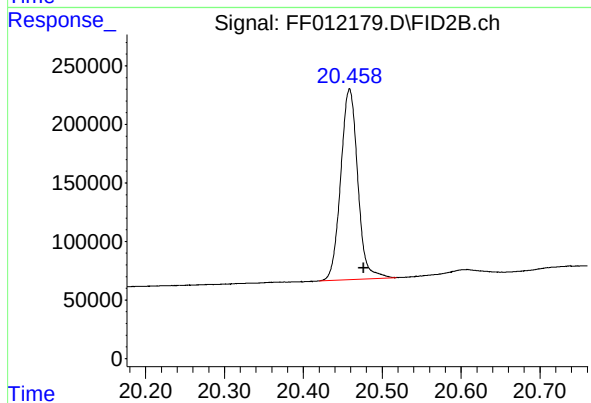
#14 N-DOTRIACONTANE

R.T.: 18.935 min
Delta R.T.: -0.019 min
Response: 2357099
Conc: 21.17 ug/ml m



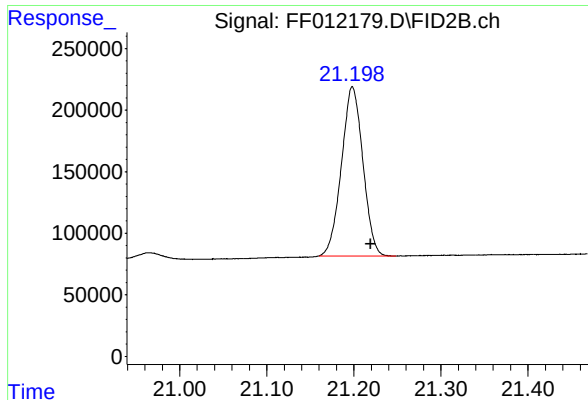
#15 N-TETRATRIACONTANE

R.T.: 19.719 min
Delta R.T.: -0.019 min
Response: 2340976
Conc: 23.66 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.459 min
Delta R.T.: -0.018 min
Response: 2446739
Conc: 25.80 ug/ml



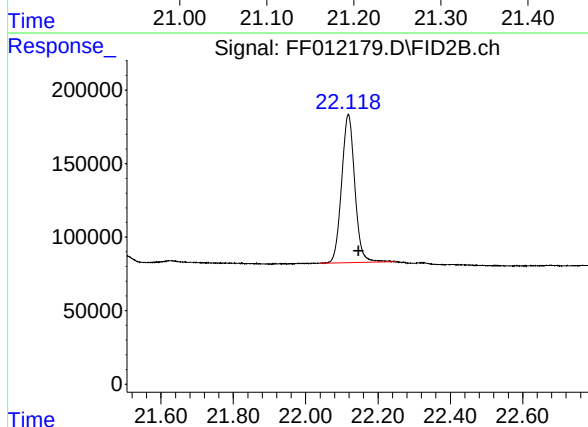
#17 N-OCTATRIACONTANE

R.T.: 21.198 min
Delta R.T.: -0.021 min
Response: 2354250
Conc: 27.46 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.118 min
Delta R.T.: -0.029 min
Response: 2550450
Conc: 28.01 ug/ml