

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050123\
 Data File : FF012550.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 13:07
 Operator : YP\AJ
 Sample : 02416-11MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 NATIONAL-GRID-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
 Quant Time: May 02 01:13:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041323.M
 Quant Title :
 QLast Update : Thu Apr 13 15:26:28 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...	15.010	1659540	13.806 ug/ml
Target Compounds			
1) N-OCTANE	2.057	1748414	14.049 ug/ml
2) N-DECANE	4.570	2306755	18.512 ug/ml
3) N-DODECANE	6.733	2586517	20.942 ug/ml
4) N-TETRADECANE	8.558	2547896	19.863 ug/ml
5) N-HEXADECANE	10.163	2636534	19.746 ug/ml
6) N-OCTADECANE	11.604	2861584	20.977 ug/ml
7) N-EICOSANE	12.914	3071007	22.301 ug/ml
8) N-DOCOSANE	14.110	2892427	21.487 ug/ml
10) N-TETRACOSANE	15.212	4949764	36.593 ug/ml
11) N-HEXACOSANE	16.235	2884117	21.659 ug/ml
12) N-OCTACOSANE	17.185	2564568	19.445 ug/mlm
13) N-TRIACONTANE	18.072	2843006	21.788 ug/mlm
14) N-DOTRIACONTANE	18.903	3509137	27.817 ug/mlm
15) N-TETRATRIACONTANE	19.688	2262850	19.954 ug/mlm
16) N-HEXATRIACONTANE	20.429	2101655	20.581 ug/mlm
17) N-OCTATRIACONTANE	21.162	1950751	20.018 ug/mlm
18) N-TETRACONTANE	22.072	2259509	23.364 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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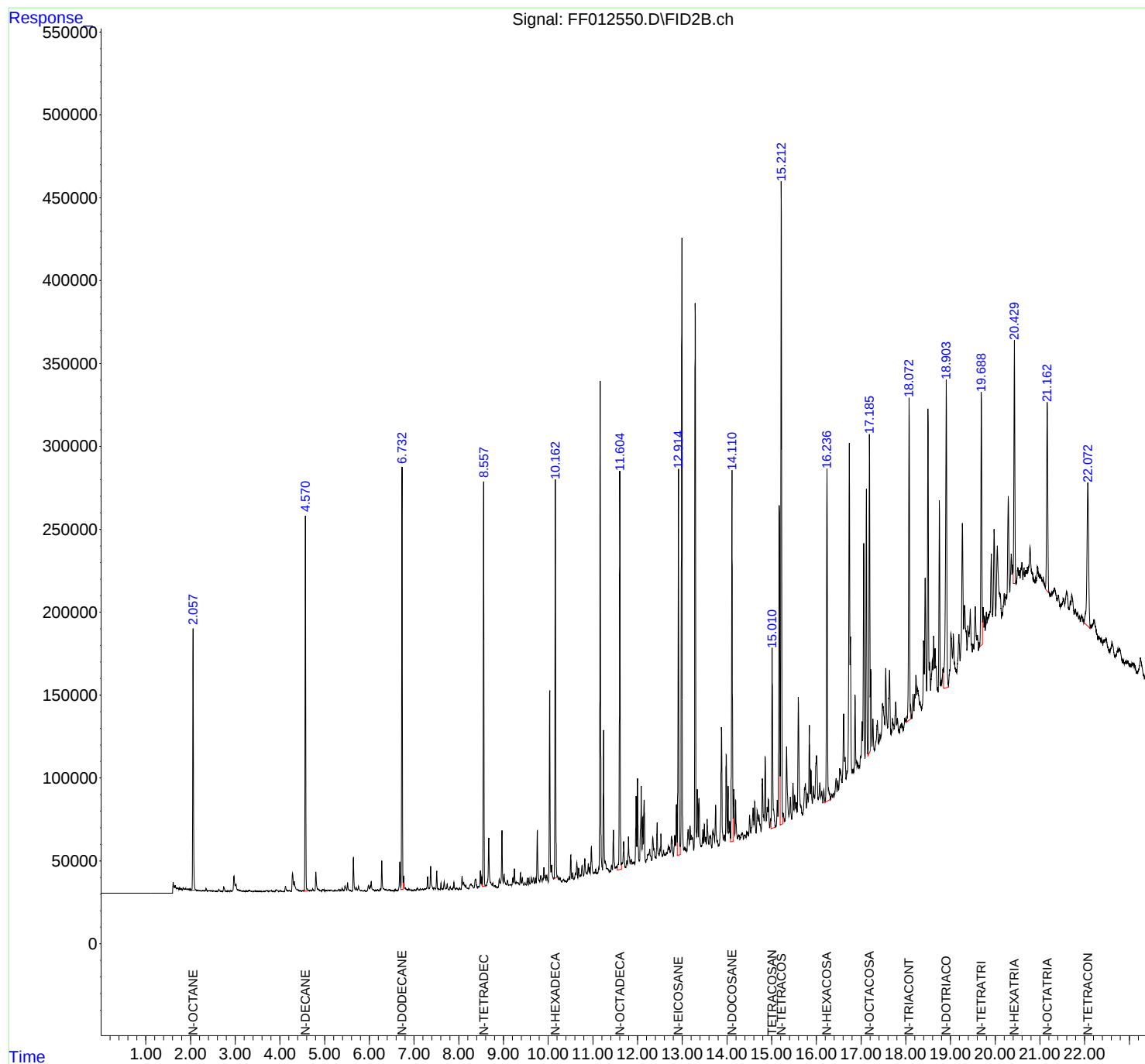
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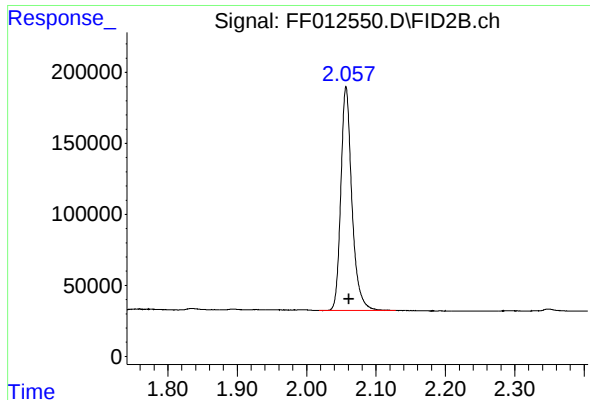
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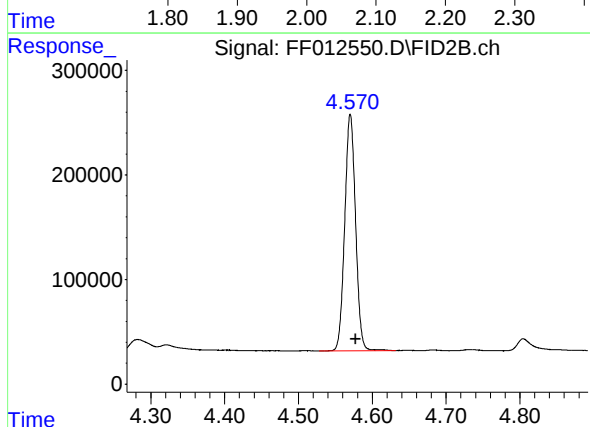
#1 N-OCTANE

R.T.: 2.057 min
Delta R.T.: -0.004 min
Response: 1748414
Conc: 14.05 ug/ml

Instrument :
FID_F
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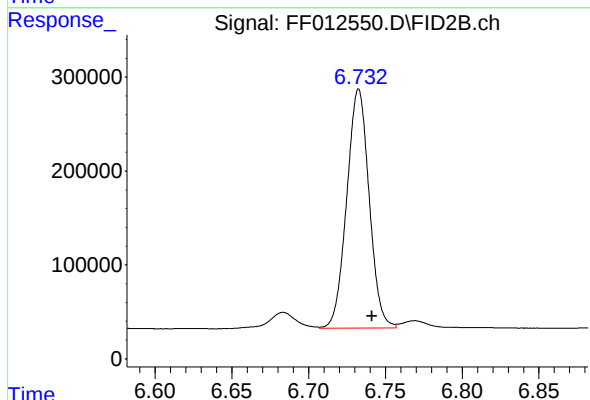
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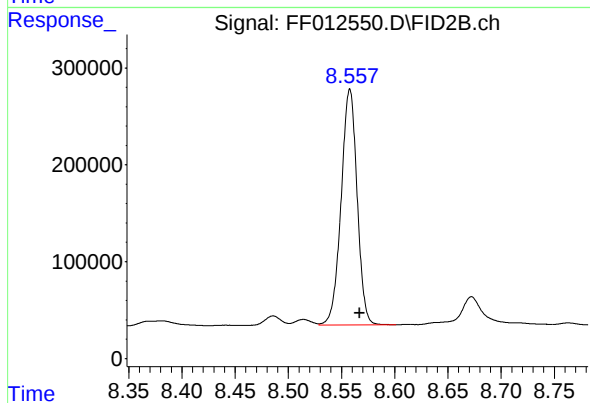
#2 N-DECANE

R.T.: 4.570 min
Delta R.T.: -0.007 min
Response: 2306755
Conc: 18.51 ug/ml



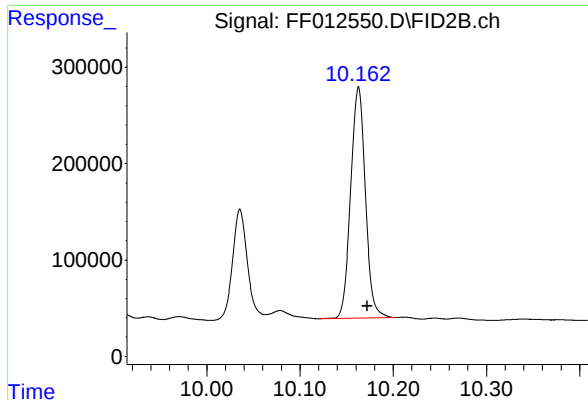
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: -0.009 min
Response: 2586517
Conc: 20.94 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: -0.009 min
Response: 2547896
Conc: 19.86 ug/ml



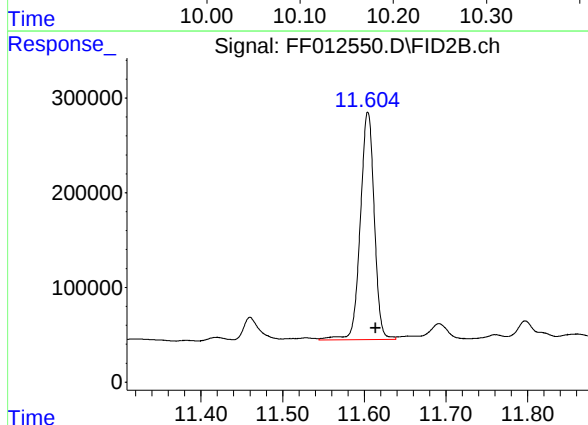
#5 N-HEXADECANE

R.T.: 10.163 min
Delta R.T.: -0.009 min
Response: 2636534
Conc: 19.75 ug/ml

Instrument :
FID_F
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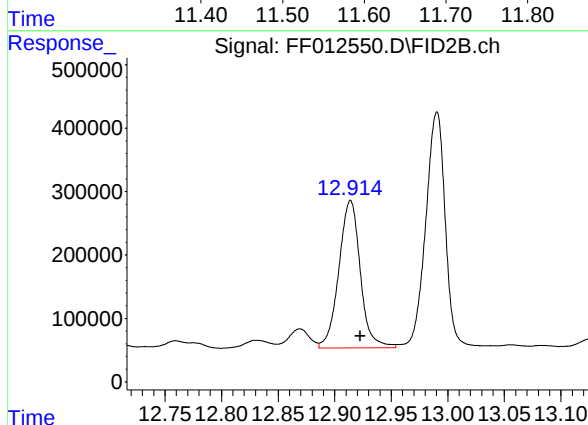
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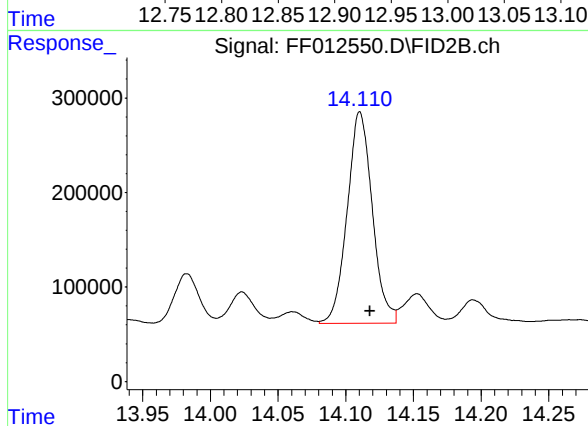
#6 N-OCTADECANE

R.T.: 11.604 min
Delta R.T.: -0.009 min
Response: 2861584
Conc: 20.98 ug/ml



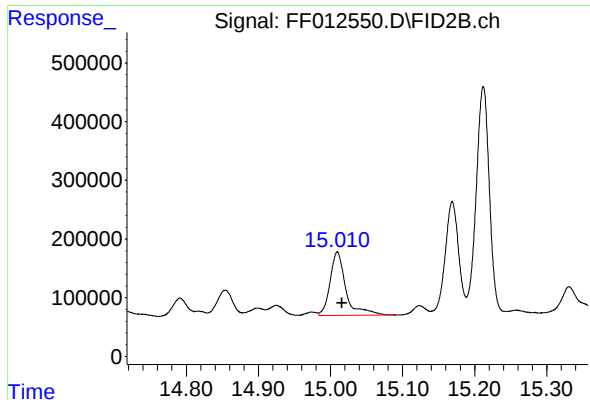
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.009 min
Response: 3071007
Conc: 22.30 ug/ml



#8 N-DOCOSANE

R.T.: 14.110 min
Delta R.T.: -0.007 min
Response: 2892427
Conc: 21.49 ug/ml



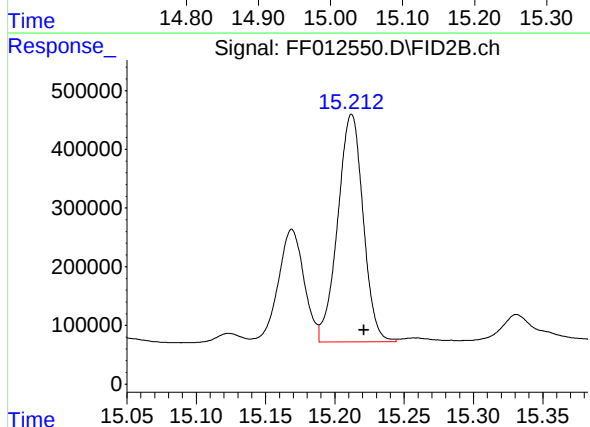
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.010 min
Delta R.T.: -0.006 min
Response: 1659540
Conc: 13.81 ug/ml

Instrument : FID_F
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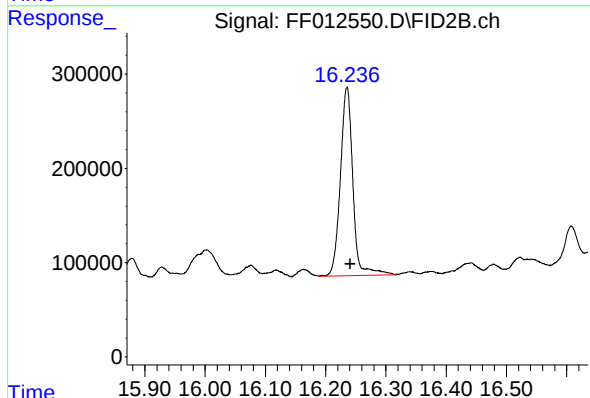
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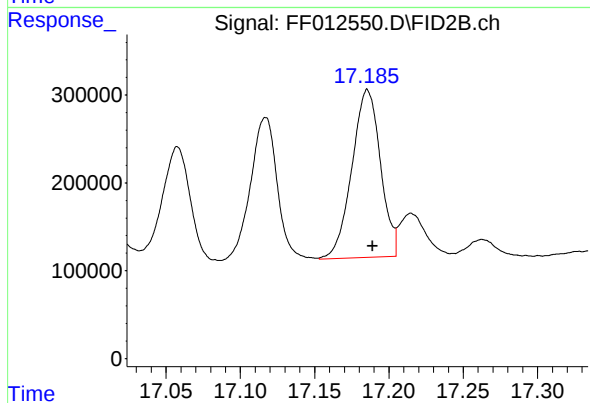
#10 N-TETRACOSANE

R.T.: 15.212 min
Delta R.T.: -0.009 min
Response: 4949764
Conc: 36.59 ug/ml



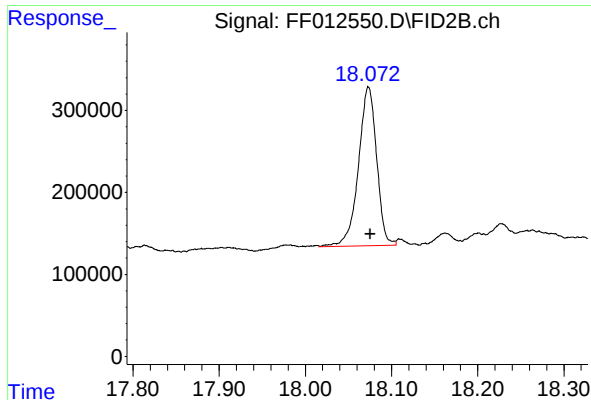
#11 N-HEXACOSANE

R.T.: 16.235 min
Delta R.T.: -0.006 min
Response: 2884117
Conc: 21.66 ug/ml



#12 N-OCTACOSANE

R.T.: 17.185 min
Delta R.T.: -0.004 min
Response: 2564568
Conc: 19.44 ug/ml m



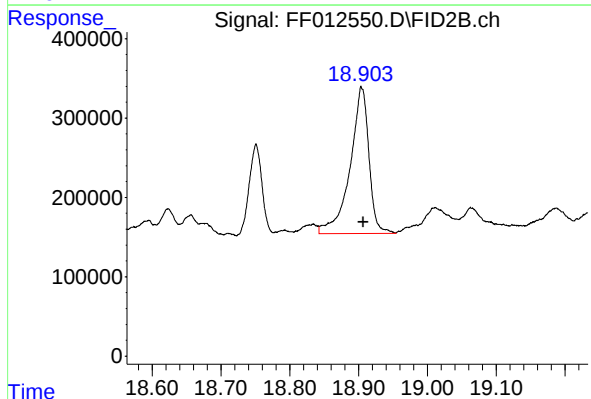
#13 N-TRIACONTANE

R.T.: 18.072 min
Delta R.T.: -0.003 min
Response: 2843006
Conc: 21.79 ug/ml

Instrument :
FID_F
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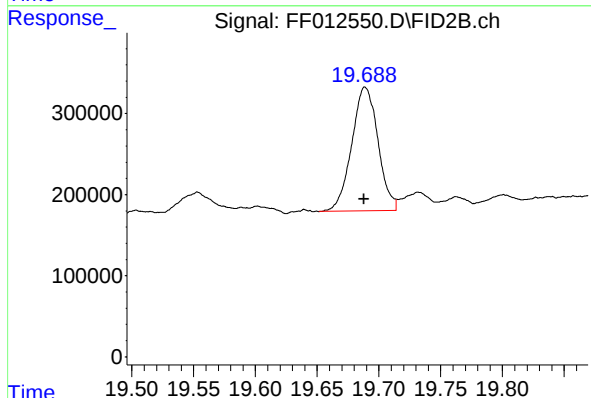
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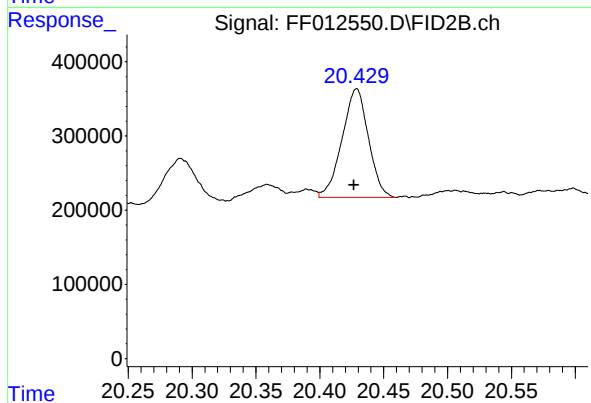
#14 N-DOTRIACONTANE

R.T.: 18.903 min
Delta R.T.: -0.004 min
Response: 3509137
Conc: 27.82 ug/ml m



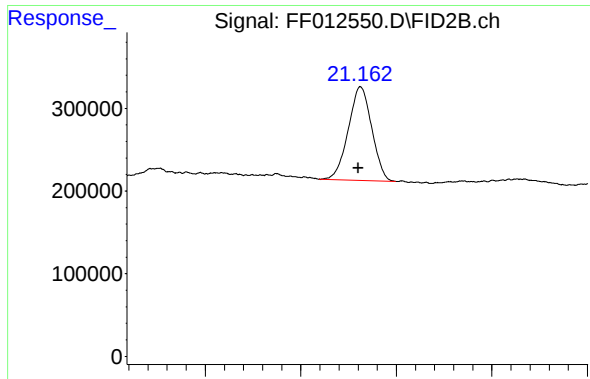
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 2262850
Conc: 19.95 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.429 min
Delta R.T.: 0.002 min
Response: 2101655
Conc: 20.58 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.162 min
Delta R.T.: 0.002 min
Response: 1950751
Conc: 20.02 ug/ml

Instrument :

FID_F

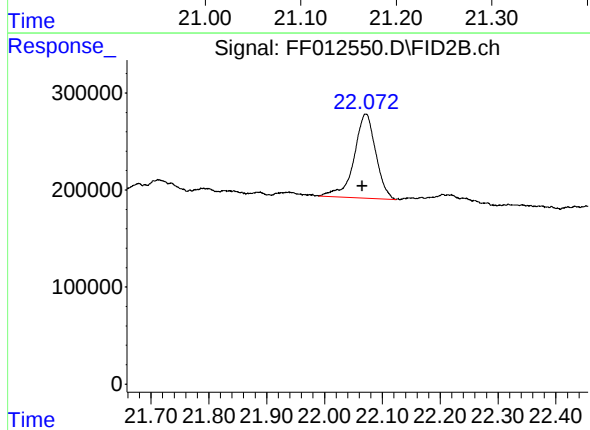
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.072 min
Delta R.T.: 0.007 min
Response: 2259509
Conc: 23.36 ug/ml m