

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122021\
 Data File : FF009485.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2021 16:49
 Operator : AJ\MA
 Sample : M5116-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2021
 Supervised By :mohammad ahmed 12/22/2021

Integration File: autoint1.e
 Quant Time: Dec 21 00:04:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Quant Title :
 QLast Update : Thu Dec 16 03:33:07 2021
 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...	14.477	1904277	16.439 ug/ml
Target Compounds			
1) N-OCTANE	2.192	2334379	16.854 ug/ml
2) N-DECANE	4.260	2986519	20.947 ug/ml
3) N-DODECANE	6.269	3188509	22.048 ug/ml
4) N-TETRADECANE	8.055	3437024	23.639 ug/ml
5) N-HEXADECANE	9.649	3194518	22.243 ug/ml
6) N-OCTADECANE	11.085	3299418	22.860 ug/ml
7) N-EICOSANE	12.389	3157094	22.277 ug/ml
8) N-DOCOSANE	13.583	3032133	22.252 ug/ml
10) N-TETRACOSANE	14.681	2947417	22.385 ug/ml
11) N-HEXACOSANE	15.698	2733730	21.873 ug/ml
12) N-OCTACOSANE	16.646	2734406	22.963 ug/ml
13) N-TRIACONTANE	17.529	2698199	23.556 ug/mlm
14) N-DOTRIACONTANE	18.359	2967508	27.154 ug/ml
15) N-TETRATRIACONTANE	19.139	2062893	19.475 ug/ml
16) N-HEXATRIACONTANE	19.875	1491462	14.890 ug/mlm
17) N-OCTATRIACONTANE	20.582	1391527	14.171 ug/mlm
18) N-TETRACONTANE	21.412	1451686	14.374 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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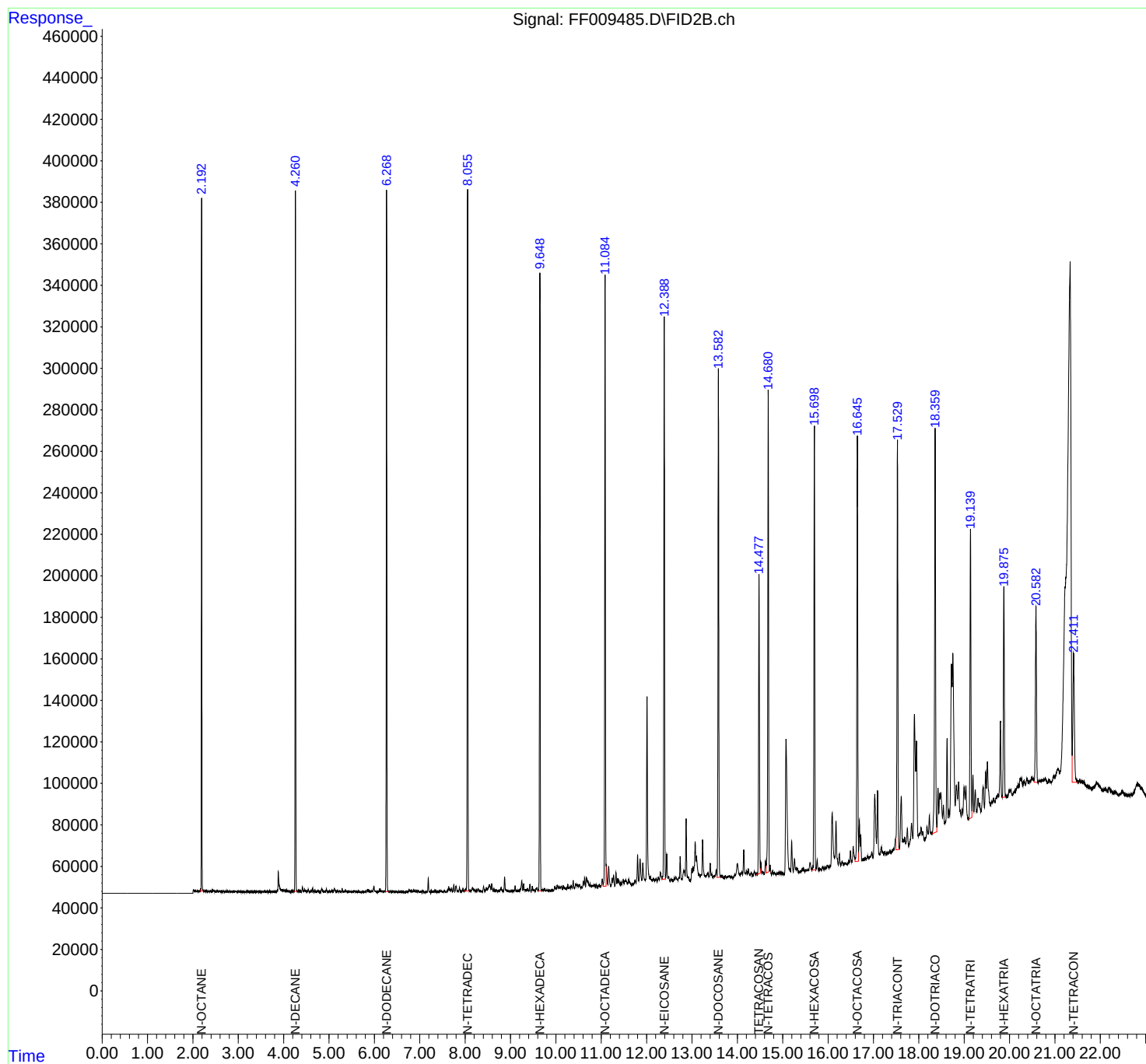
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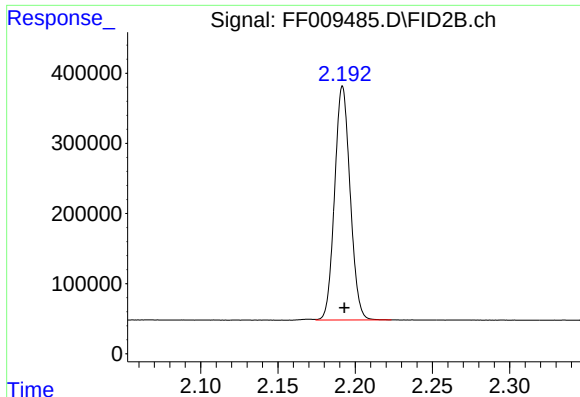
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#1 N-OCTANE

R.T.: 2.192 min
Delta R.T.: -0.001 min
Response: 2334379
Conc: 16.85 ug/ml

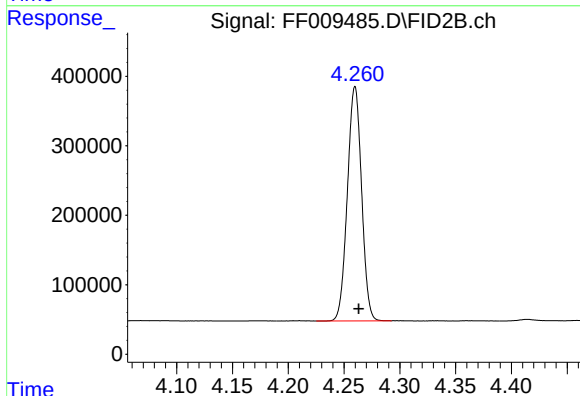
Instrument :

FID_F

ClientSampleId :
WASTEMSD

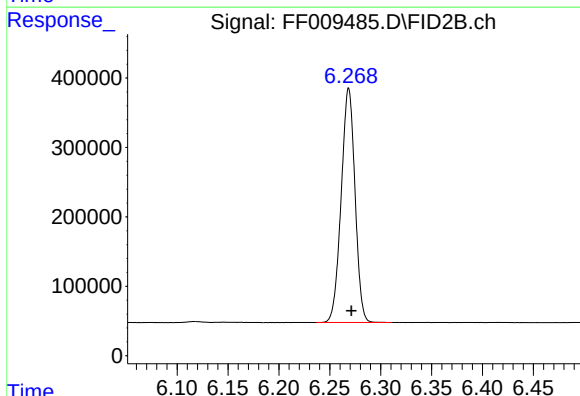
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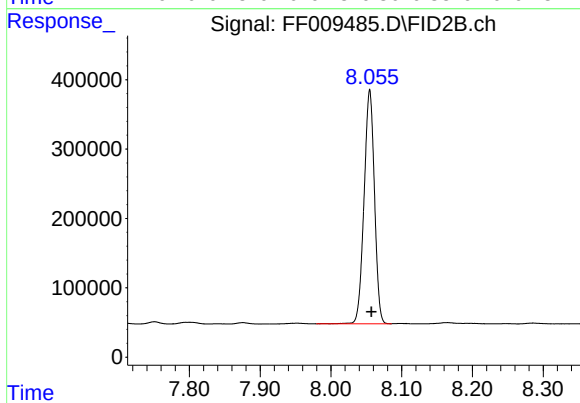
#2 N-DECANE

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 2986519
Conc: 20.95 ug/ml



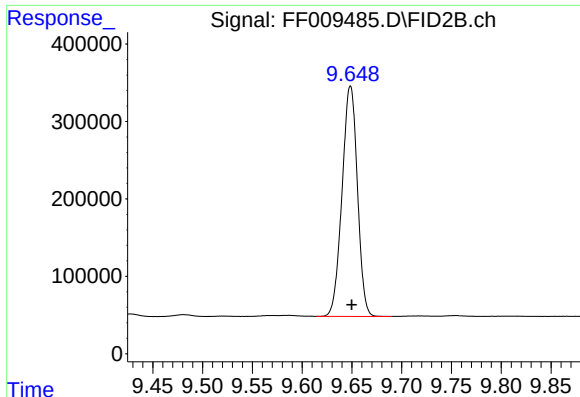
#3 N-DODECANE

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 3188509
Conc: 22.05 ug/ml



#4 N-TETRADECANE

R.T.: 8.055 min
Delta R.T.: -0.002 min
Response: 3437024
Conc: 23.64 ug/ml



#5 N-HEXADECANE

R.T.: 9.649 min
Delta R.T.: -0.001 min
Response: 3194518
Conc: 22.24 ug/ml

Instrument :

FID_F

ClientSampleId :

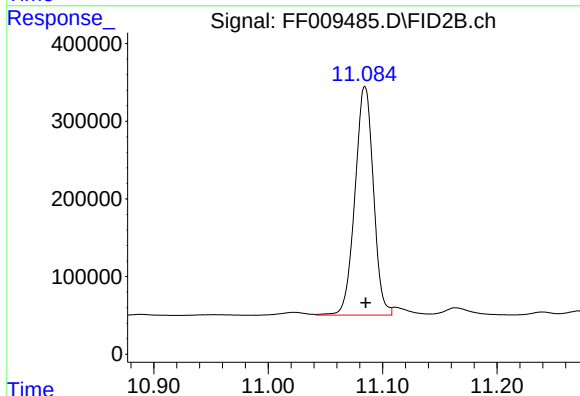
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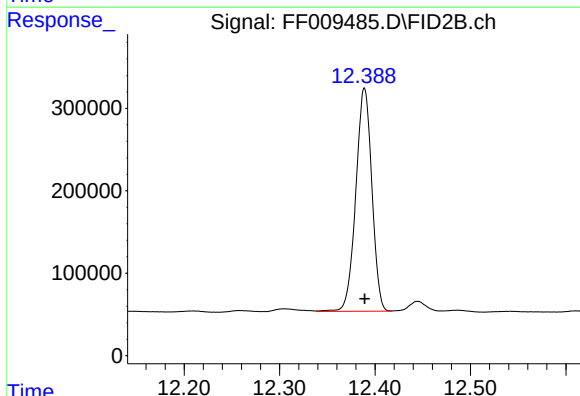
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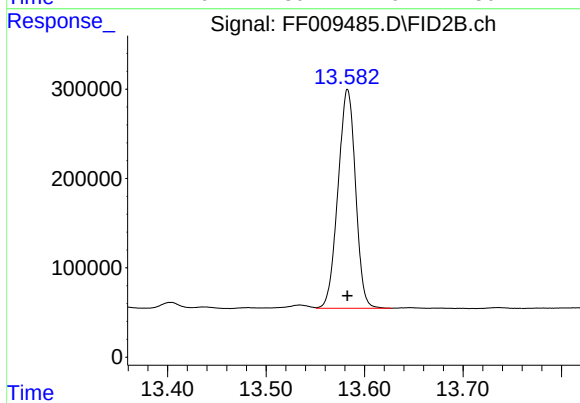
#6 N-OCTADECANE

R.T.: 11.085 min
Delta R.T.: 0.000 min
Response: 3299418
Conc: 22.86 ug/ml



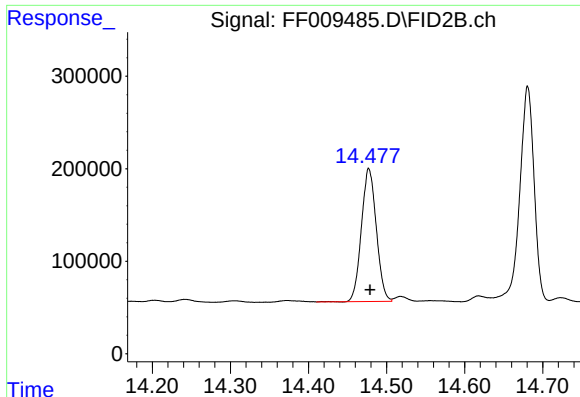
#7 N-EICOSANE

R.T.: 12.389 min
Delta R.T.: 0.000 min
Response: 3157094
Conc: 22.28 ug/ml



#8 N-DOCOSANE

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 3032133
Conc: 22.25 ug/ml



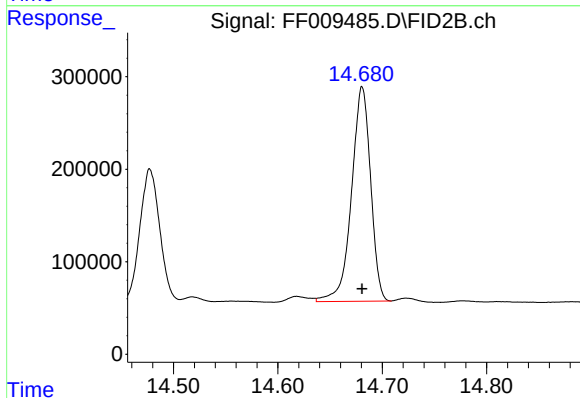
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.477 min
Delta R.T.: -0.002 min
Response: 1904277
Conc: 16.44 ug/ml

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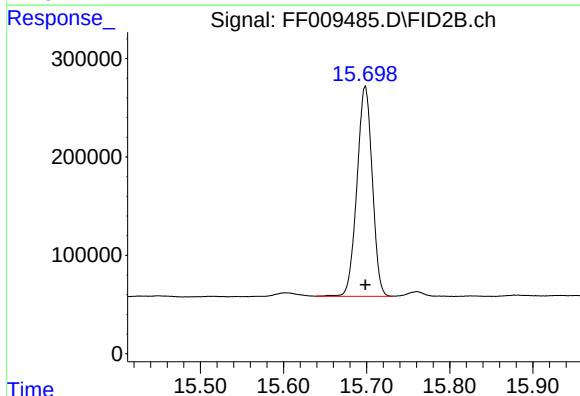
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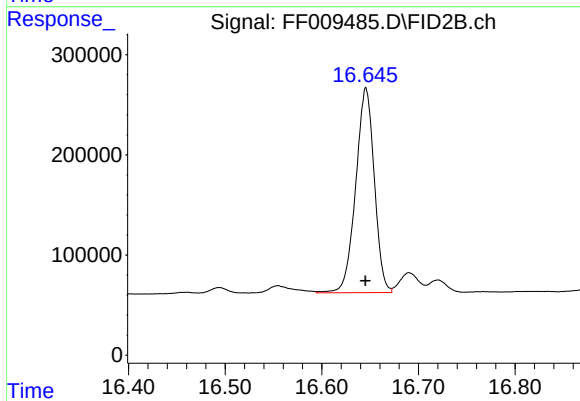
#10 N-TETRACOSANE

R.T.: 14.681 min
Delta R.T.: 0.000 min
Response: 2947417
Conc: 22.39 ug/ml



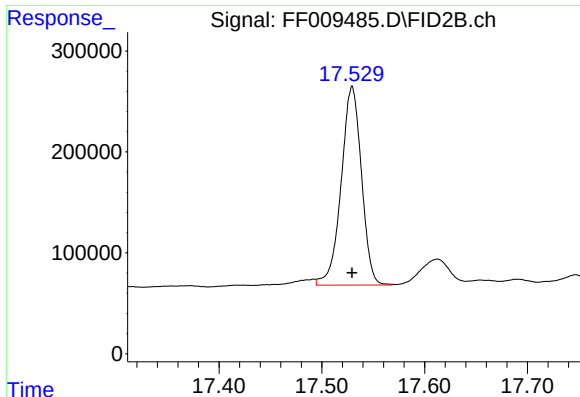
#11 N-HEXACOSANE

R.T.: 15.698 min
Delta R.T.: 0.000 min
Response: 2733730
Conc: 21.87 ug/ml



#12 N-OCTACOSANE

R.T.: 16.646 min
Delta R.T.: 0.000 min
Response: 2734406
Conc: 22.96 ug/ml



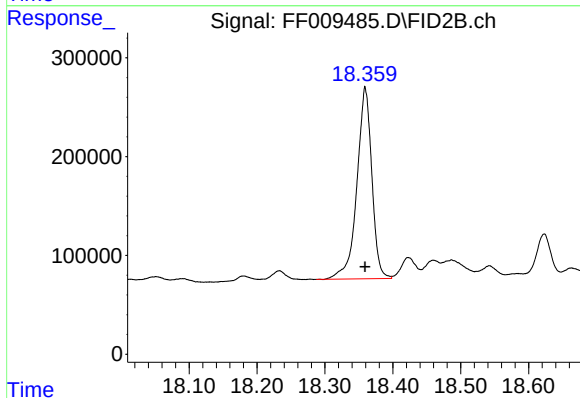
#13 N-TRIACONTANE

R.T.: 17.529 min
Delta R.T.: 0.000 min
Response: 2698199
Conc: 23.56 ug/ml

Instrument :
FID_F
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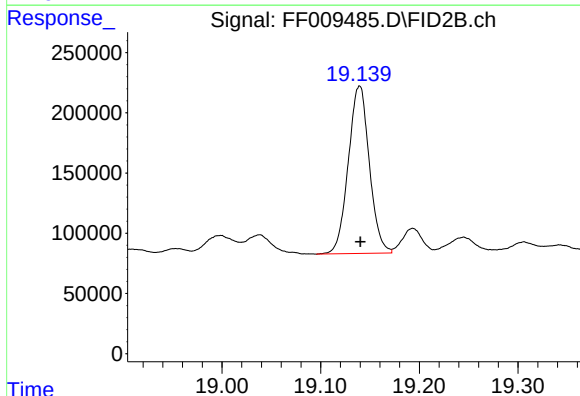
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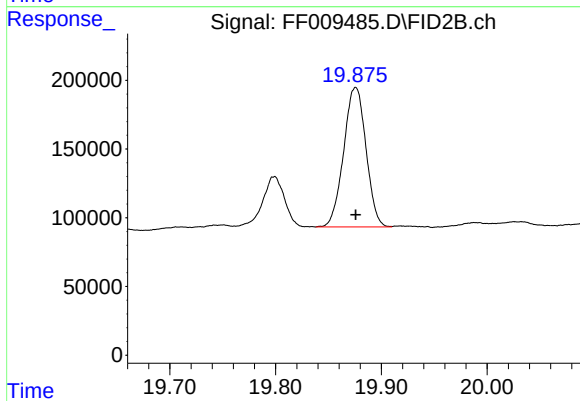
#14 N-DOTRIACONTANE

R.T.: 18.359 min
Delta R.T.: 0.000 min
Response: 2967508
Conc: 27.15 ug/ml



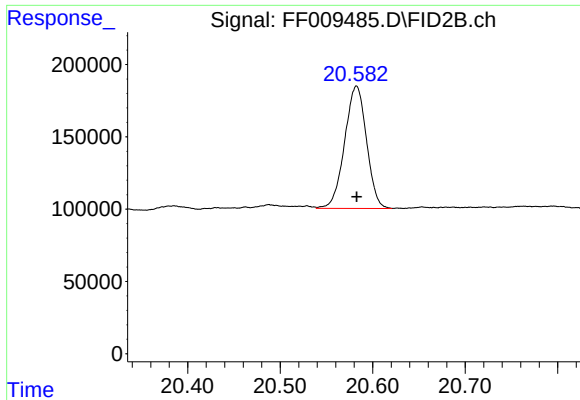
#15 N-TETRATRIACONTANE

R.T.: 19.139 min
Delta R.T.: 0.000 min
Response: 2062893
Conc: 19.47 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.875 min
Delta R.T.: 0.000 min
Response: 1491462
Conc: 14.89 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.582 min
Delta R.T.: 0.000 min
Response: 1391527
Conc: 14.17 ug/ml

Instrument :

FID_F

ClientSampleId :

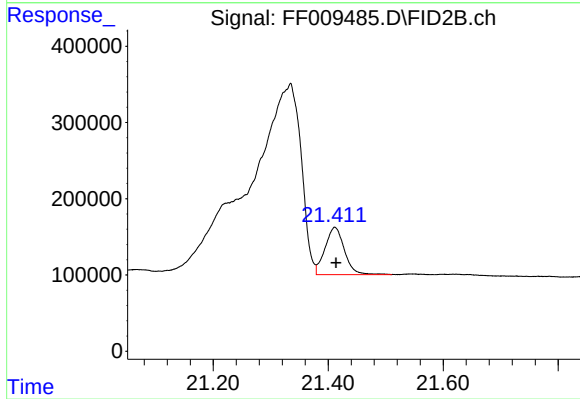
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#18 N-TETRACONTANE

R.T.: 21.412 min
Delta R.T.: -0.002 min
Response: 1451686
Conc: 14.37 ug/ml