

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040825\
 Data File : FF015758.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 16:58
 Operator : YP\AJ
 Sample : PB167520BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB167520BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/09/2025
 Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e
 Quant Time: Apr 09 01:16:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 13:03:21 2025
 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...	15.022	2021910	18.451 ug/ml
Target Compounds			
1) N-OCTANE	2.031	1677193	14.934 ug/ml
2) N-DECANE	4.569	1773769	16.135 ug/ml
3) N-DODECANE	6.736	1984711	17.777 ug/ml
4) N-TETRADECANE	8.564	2019588	18.116 ug/ml
5) N-HEXADECANE	10.171	2099045	17.936 ug/ml
6) N-OCTADECANE	11.613	2281168	18.659 ug/ml
7) N-EICOSANE	12.922	2322187	18.282 ug/ml
8) N-DOCOSANE	14.121	2353543	18.978 ug/ml
10) N-TETRACOSANE	15.225	2396194	19.273 ug/ml
11) N-HEXACOSANE	16.247	2343120	18.995 ug/ml
12) N-OCTACOSANE	17.198	2313305	18.939 ug/ml
13) N-TRIACONTANE	18.086	2228639	18.049 ug/ml
14) N-DOTRIACONTANE	18.919	1829722	15.483 ug/ml
15) N-TETRATRIACONTANE	19.705	1084436	10.409 ug/ml
16) N-HEXATRIACONTANE	20.448	666848	7.616 ug/ml
17) N-OCTATRIACONTANE	21.188	483446	6.845 ug/ml
18) N-TETRACONTANE	22.112	388803	6.337 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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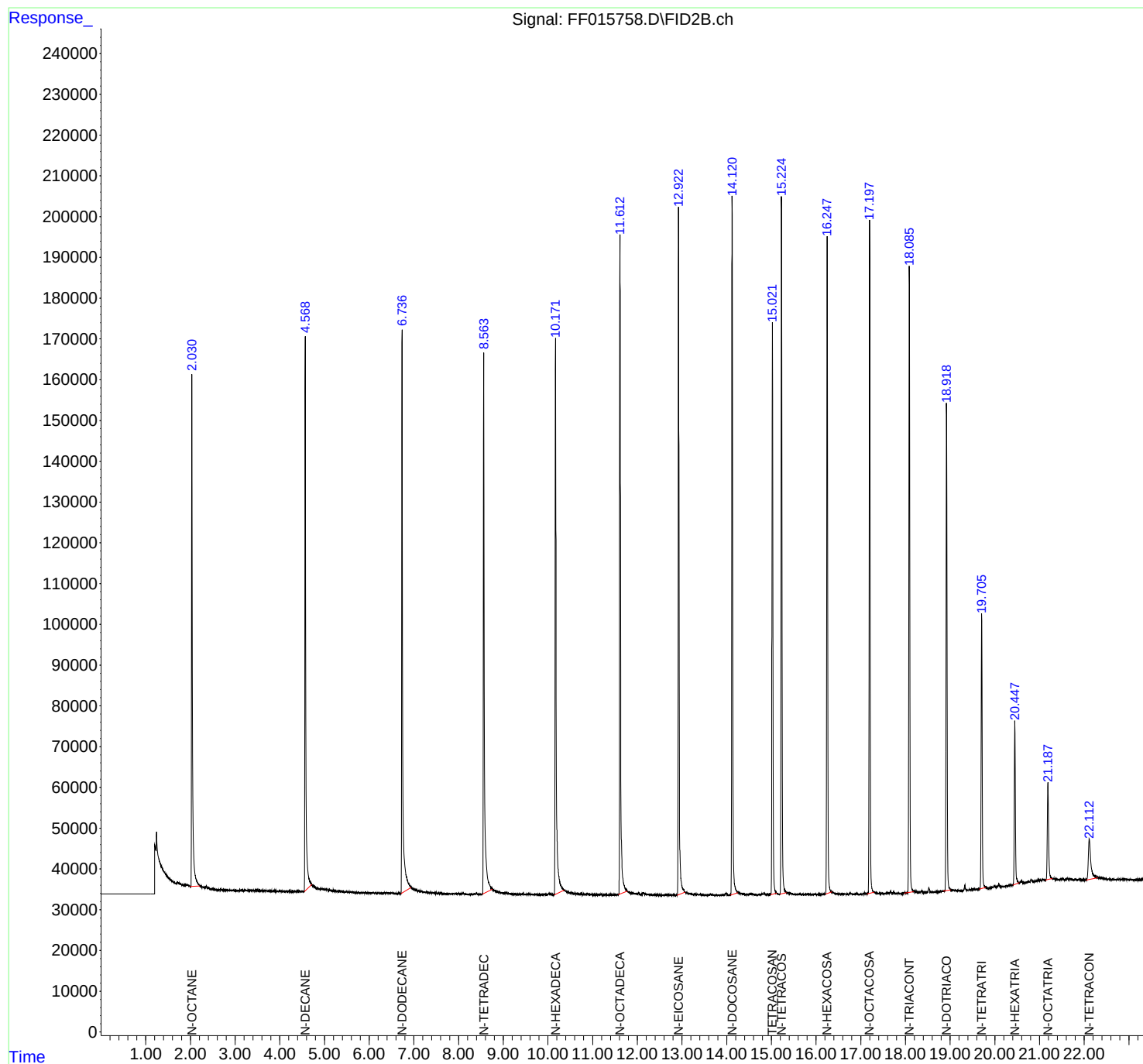
APPROVED

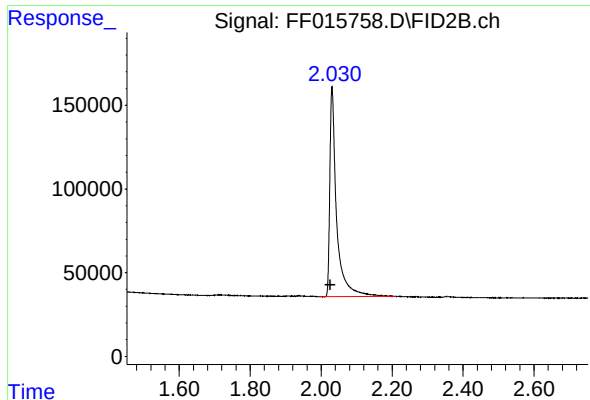
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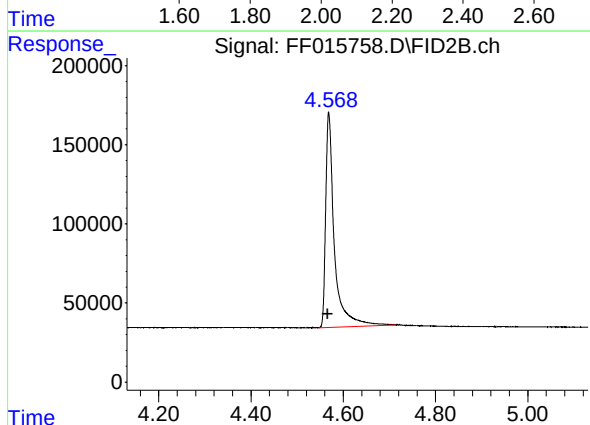
#1 N-OCTANE

R.T.: 2.031 min
Delta R.T.: 0.005 min
Response: 1677193
Conc: 14.93 ug/ml

Instrument :
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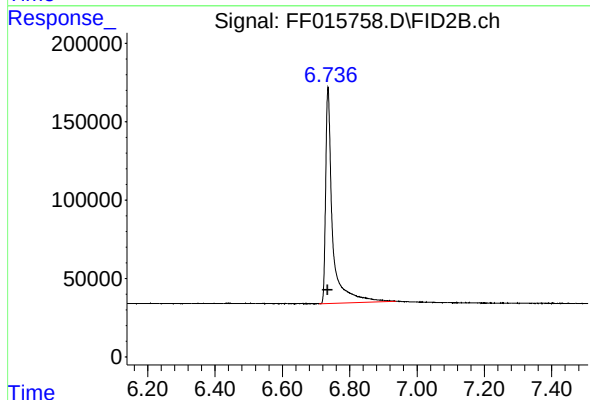
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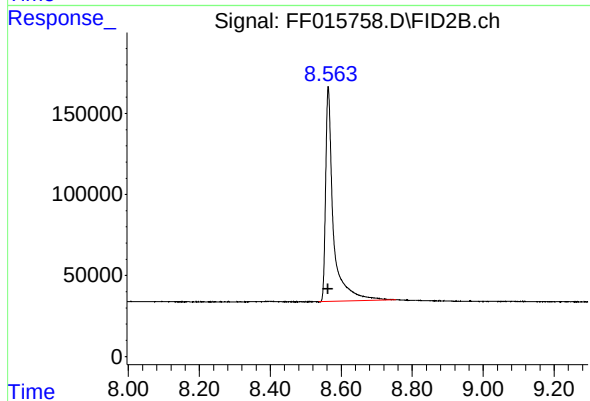
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: 0.003 min
Response: 1773769
Conc: 16.13 ug/ml



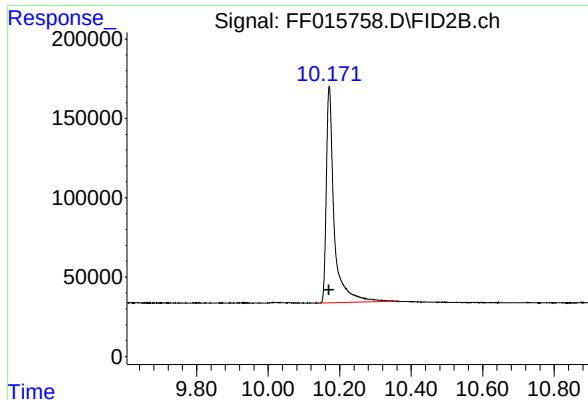
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 1984711
Conc: 17.78 ug/ml



#4 N-TETRADECANE

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 2019588
Conc: 18.12 ug/ml



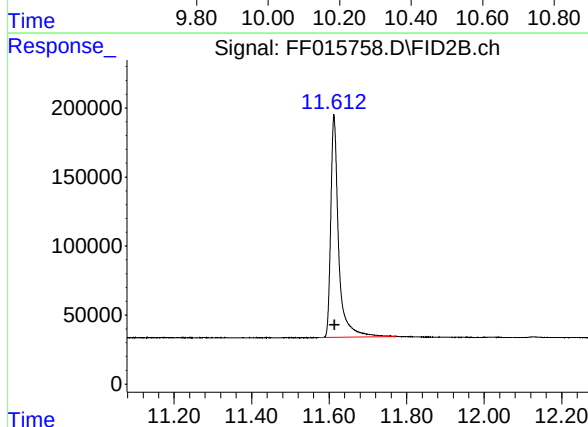
#5 N-HEXADECANE

R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 2099045
Conc: 17.94 ug/ml

Instrument :
FID_F
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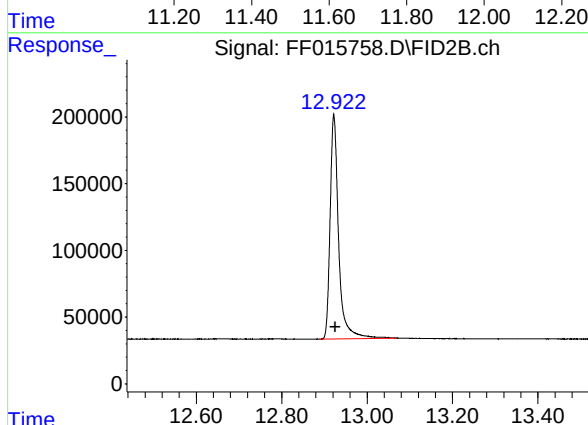
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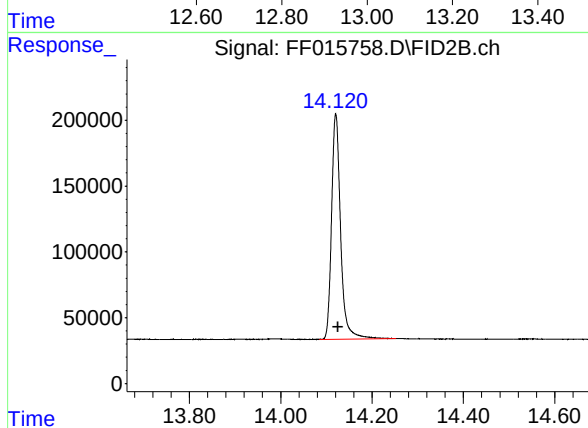
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: -0.002 min
Response: 2281168
Conc: 18.66 ug/ml



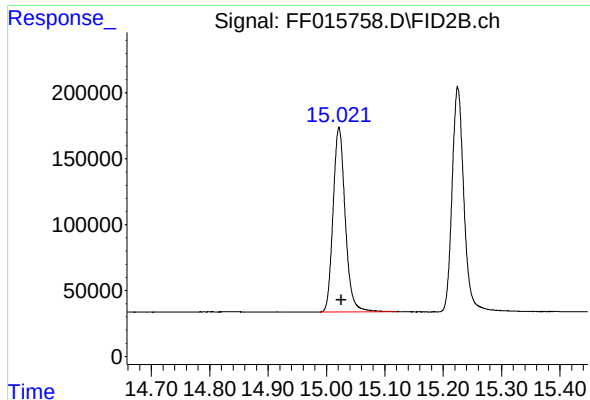
#7 N-EICOSANE

R.T.: 12.922 min
Delta R.T.: -0.003 min
Response: 2322187
Conc: 18.28 ug/ml



#8 N-DOCOSANE

R.T.: 14.121 min
Delta R.T.: -0.005 min
Response: 2353543
Conc: 18.98 ug/ml



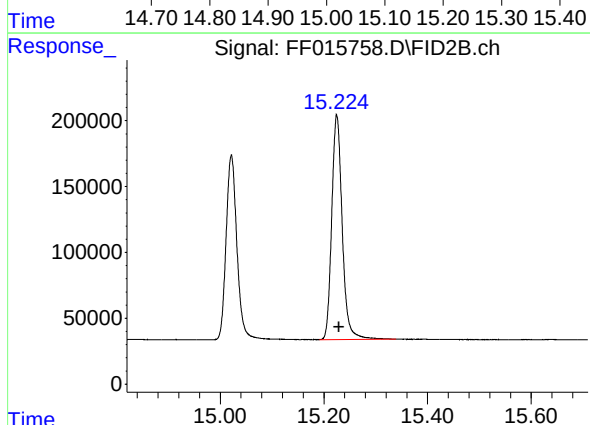
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.022 min
Delta R.T.: -0.004 min
Response: 2021910
Conc: 18.45 ug/ml

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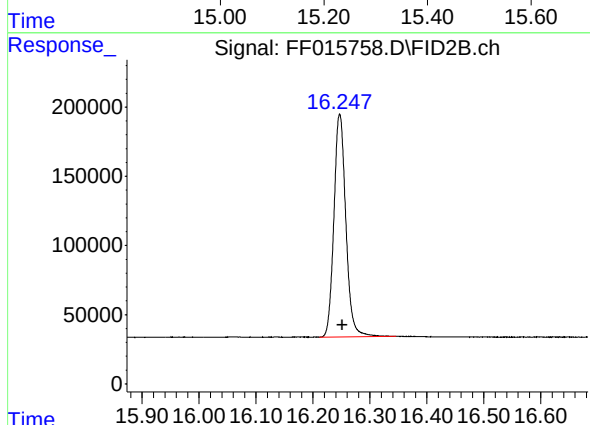
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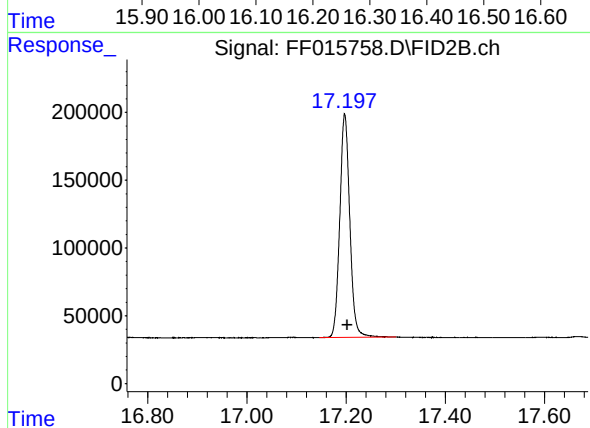
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: -0.004 min
Response: 2396194
Conc: 19.27 ug/ml



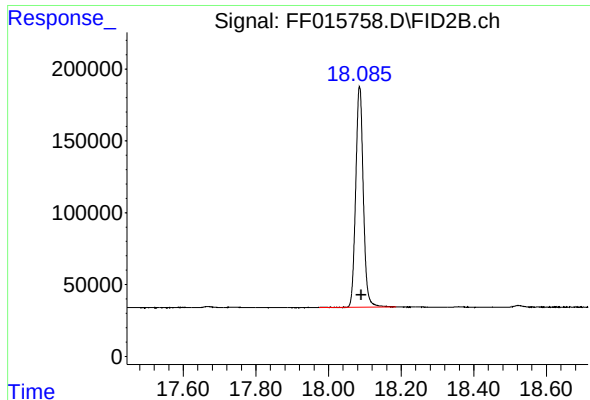
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: -0.005 min
Response: 2343120
Conc: 19.00 ug/ml



#12 N-OCTACOSANE

R.T.: 17.198 min
Delta R.T.: -0.005 min
Response: 2313305
Conc: 18.94 ug/ml



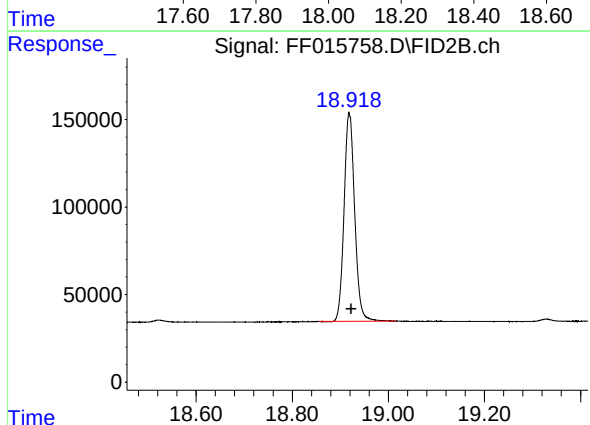
#13 N-TRIACONTANE

R.T.: 18.086 min
Delta R.T.: -0.005 min
Response: 2228639
Conc: 18.05 ug/ml

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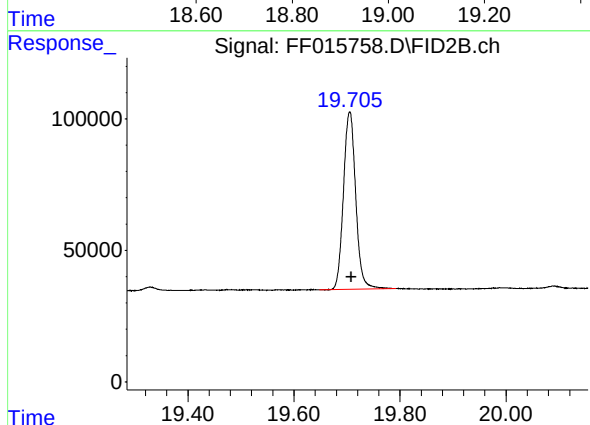
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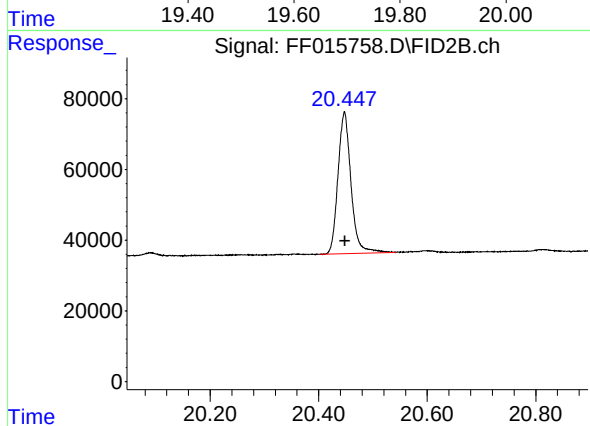
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: -0.004 min
Response: 1829722
Conc: 15.48 ug/ml



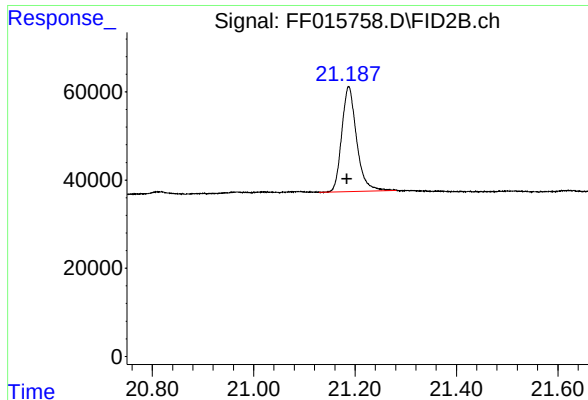
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: -0.003 min
Response: 1084436
Conc: 10.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.448 min
Delta R.T.: 0.000 min
Response: 666848
Conc: 7.62 ug/ml



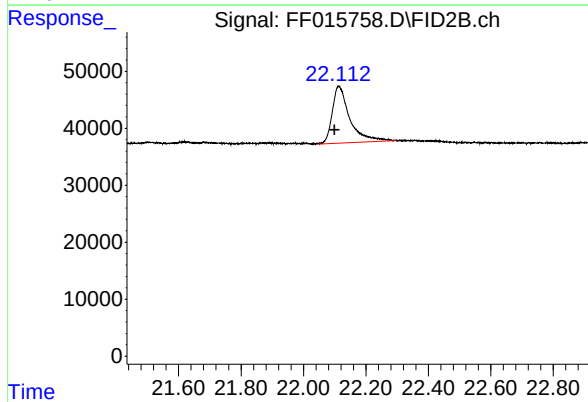
#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: 0.003 min
Response: 483446
Conc: 6.84 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.112 min
Delta R.T.: 0.012 min
Response: 388803
Conc: 6.34 ug/ml m