

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092024\
 Data File : FF014563.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 16:00
 Operator : YP\AJ
 Sample : P4127-01MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2024
 Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e
 Quant Time: Sep 21 00:29:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF091124.M
 Quant Title :
 QLast Update : Tue Sep 10 16:18:04 2024
 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...	14.892	1286118	11.985 ug/ml
Target Compounds			
1) N-OCTANE	1.941	1593080	13.762 ug/ml
2) N-DECANE	4.446	2039960	17.875 ug/ml
3) N-DODECANE	6.612	2233805	19.717 ug/ml
4) N-TETRADECANE	8.438	2247963	19.701 ug/ml
5) N-HEXADECANE	10.044	2306762	20.036 ug/ml
6) N-OCTADECANE	11.487	2557630	21.090 ug/ml
7) N-EICOSANE	12.795	2464590	19.889 ug/ml
8) N-DOCOSANE	13.992	2434890	20.165 ug/ml
10) N-TETRACOSANE	15.095	2536565	21.150 ug/ml
11) N-HEXACOSANE	16.114	2392153	20.333 ug/ml
12) N-OCTACOSANE	17.063	2366979	20.554 ug/ml
13) N-TRIACONTANE	17.950	2350474	20.302 ug/ml
14) N-DOTRIACONTANE	18.781	2079069	18.372 ug/ml
15) N-TETRATRIACONTANE	19.564	1266370	11.774 ug/ml
16) N-HEXATRIACONTANE	20.301	933003	9.522 ug/mlm
17) N-OCTATRIACONTANE	21.016	821483	9.235 ug/ml
18) N-TETRACONTANE	21.877	813201	10.609 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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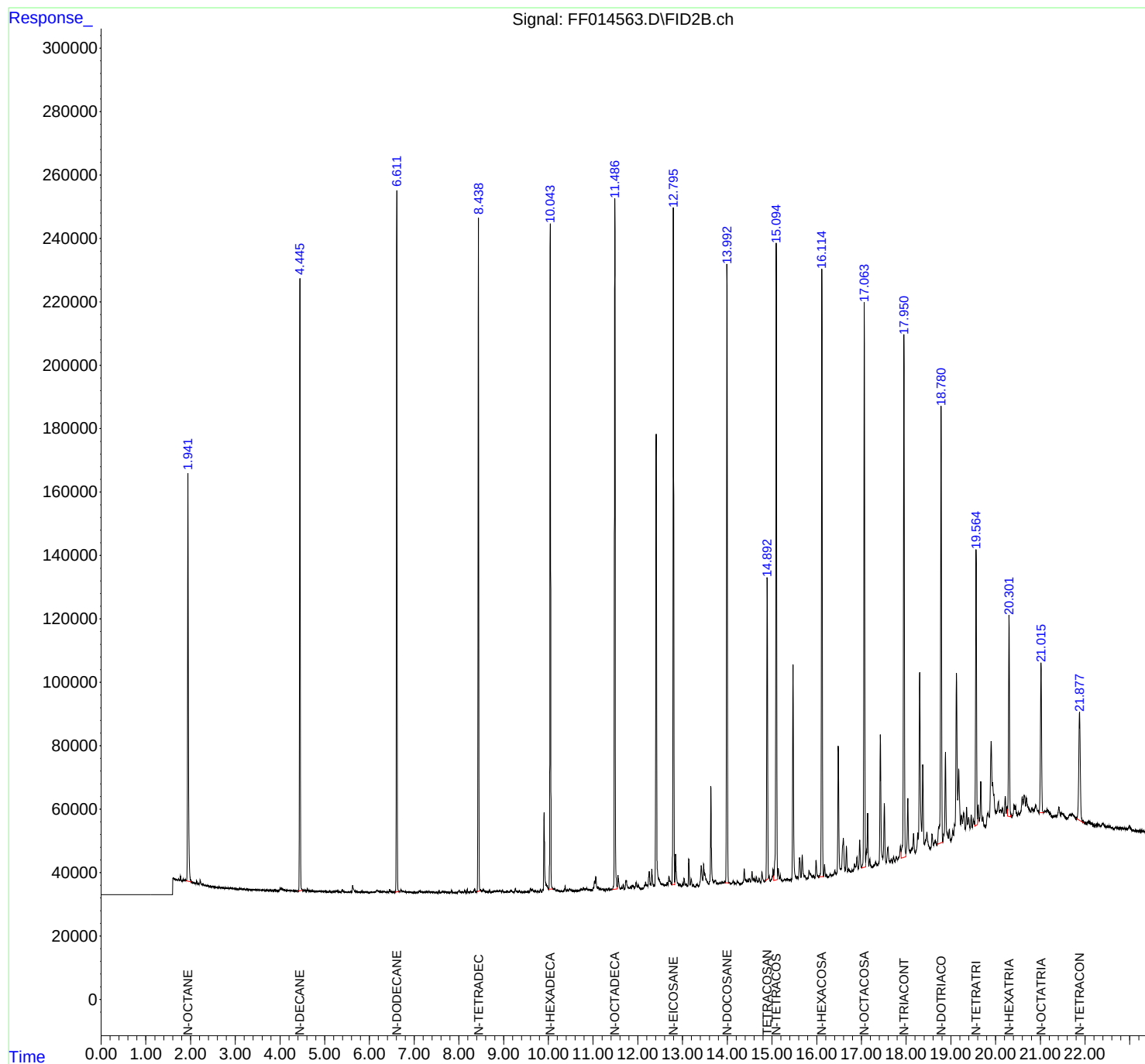
APPROVED

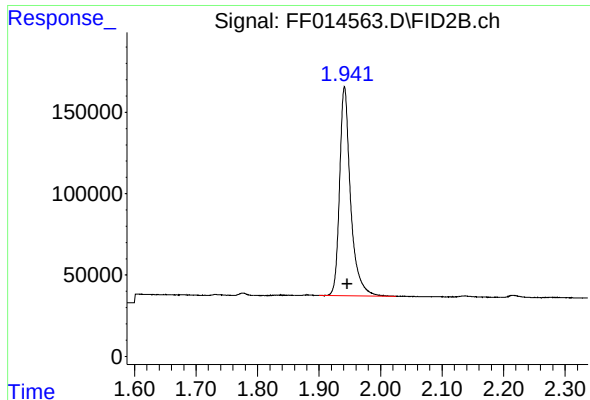
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: -0.005 min
Response: 1593080
Conc: 13.76 ug/ml

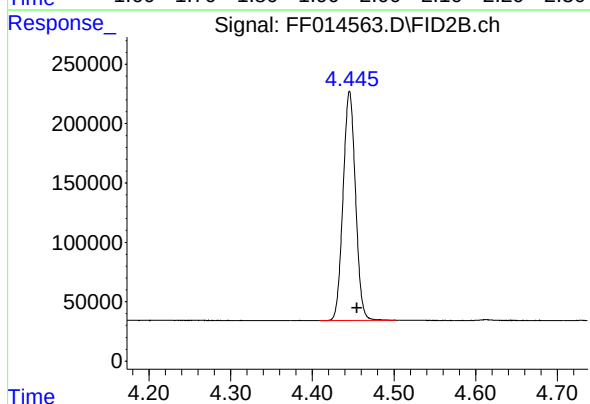
Instrument :

FID_F

ClientSampleId :
WASTEMSD

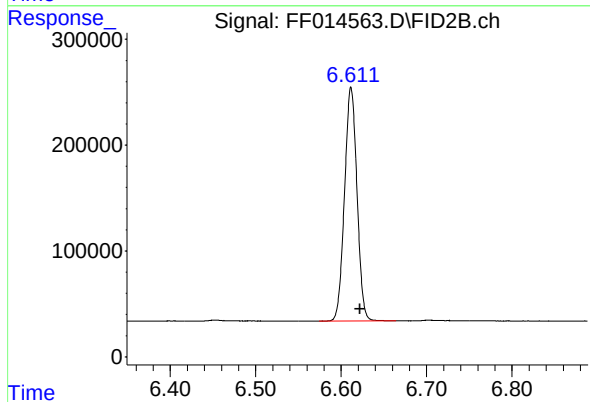
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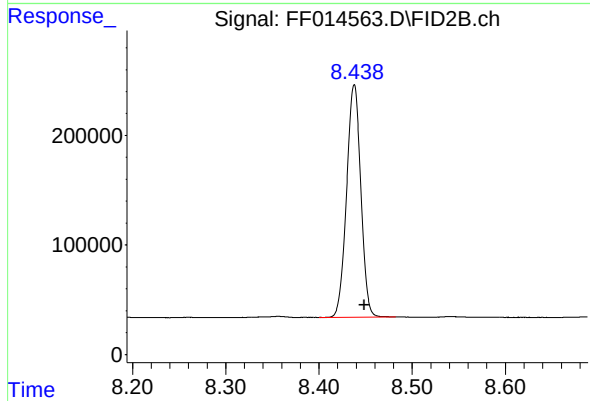
#2 N-DECANE

R.T.: 4.446 min
Delta R.T.: -0.009 min
Response: 2039960
Conc: 17.88 ug/ml



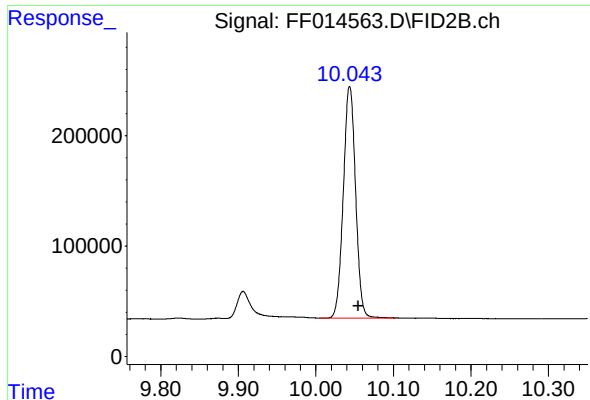
#3 N-DODECANE

R.T.: 6.612 min
Delta R.T.: -0.010 min
Response: 2233805
Conc: 19.72 ug/ml



#4 N-TETRADECANE

R.T.: 8.438 min
Delta R.T.: -0.011 min
Response: 2247963
Conc: 19.70 ug/ml



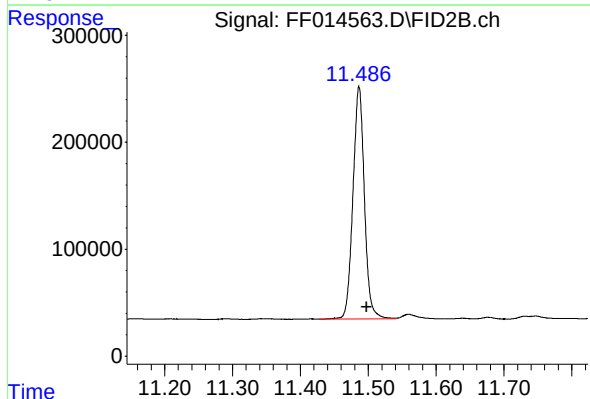
#5 N-HEXADECANE

R.T.: 10.044 min
Delta R.T.: -0.011 min
Response: 2306762
Conc: 20.04 ug/ml

Instrument :
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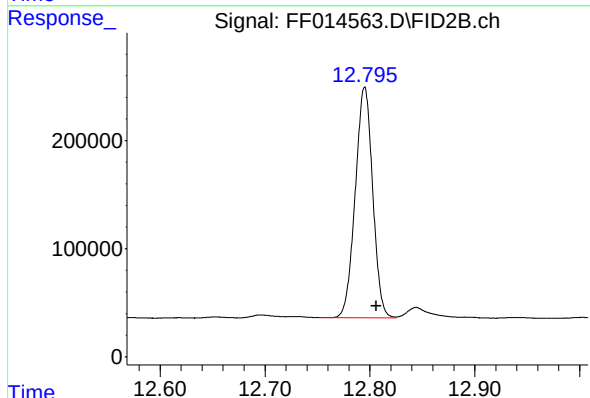
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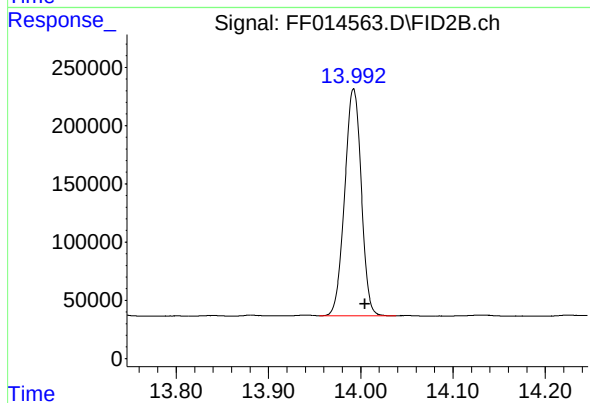
#6 N-OCTADECANE

R.T.: 11.487 min
Delta R.T.: -0.011 min
Response: 2557630
Conc: 21.09 ug/ml



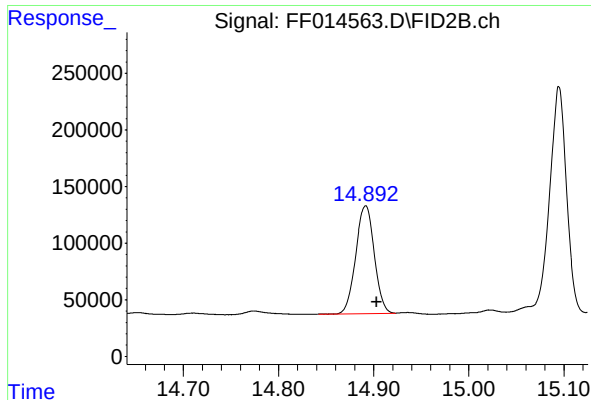
#7 N-EICOSANE

R.T.: 12.795 min
Delta R.T.: -0.011 min
Response: 2464590
Conc: 19.89 ug/ml



#8 N-DOCOSANE

R.T.: 13.992 min
Delta R.T.: -0.012 min
Response: 2434890
Conc: 20.16 ug/ml



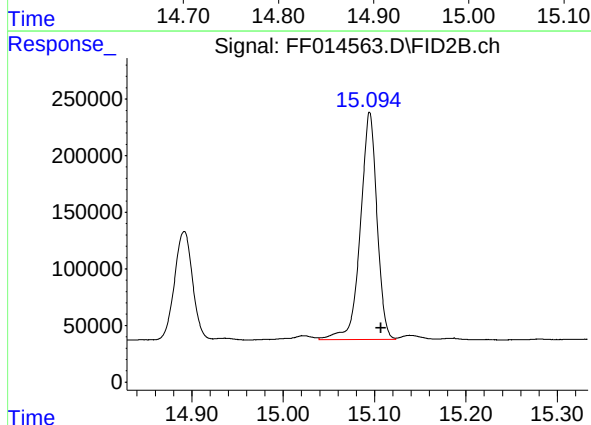
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.892 min
Delta R.T.: -0.011 min
Response: 1286118
Conc: 11.98 ug/ml

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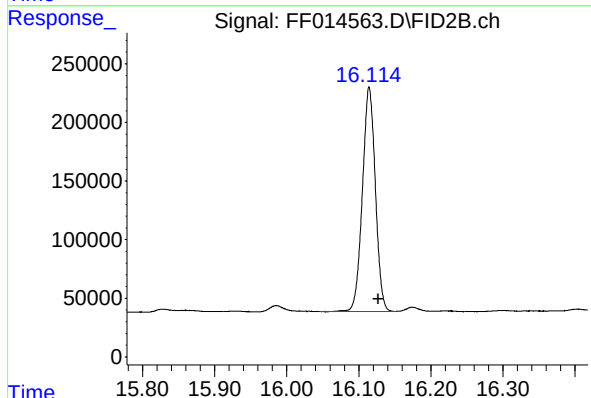
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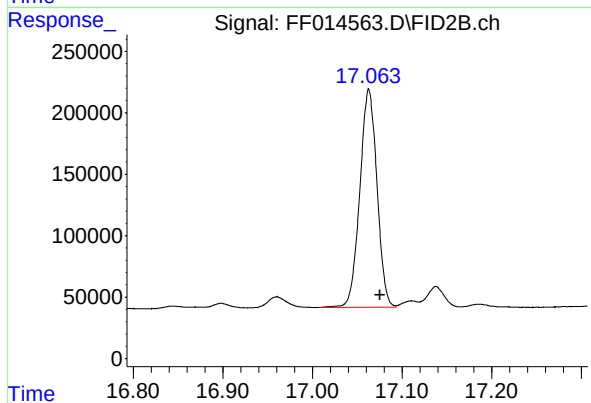
#10 N-TETRACOSANE

R.T.: 15.095 min
Delta R.T.: -0.012 min
Response: 2536565
Conc: 21.15 ug/ml



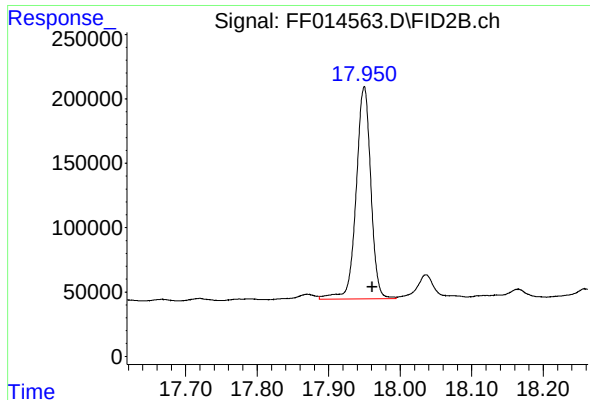
#11 N-HEXACOSANE

R.T.: 16.114 min
Delta R.T.: -0.013 min
Response: 2392153
Conc: 20.33 ug/ml



#12 N-OCTACOSANE

R.T.: 17.063 min
Delta R.T.: -0.012 min
Response: 2366979
Conc: 20.55 ug/ml



#13 N-TRIACONTANE

R.T.: 17.950 min
Delta R.T.: -0.011 min
Response: 2350474
Conc: 20.30 ug/ml

Instrument :

FID_F

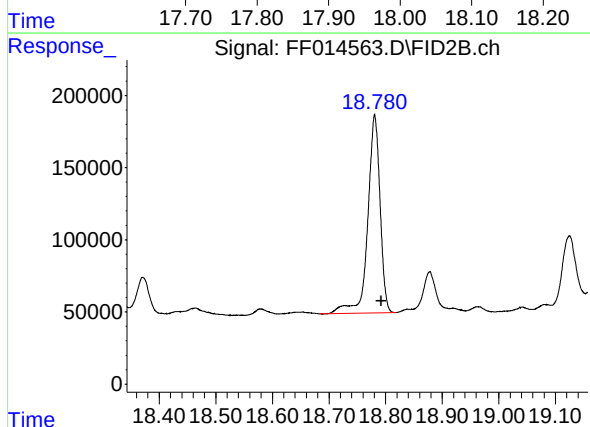
ClientSampleId :

WASTEMSD

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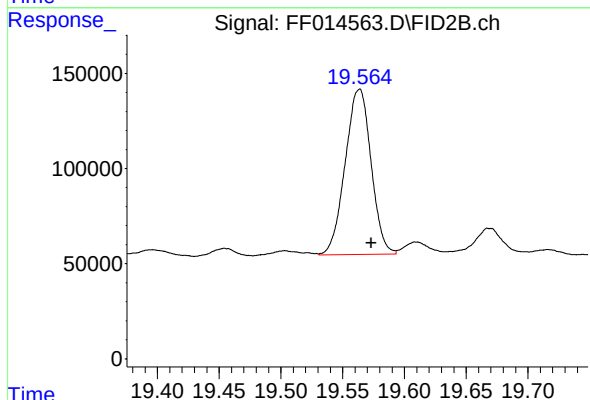
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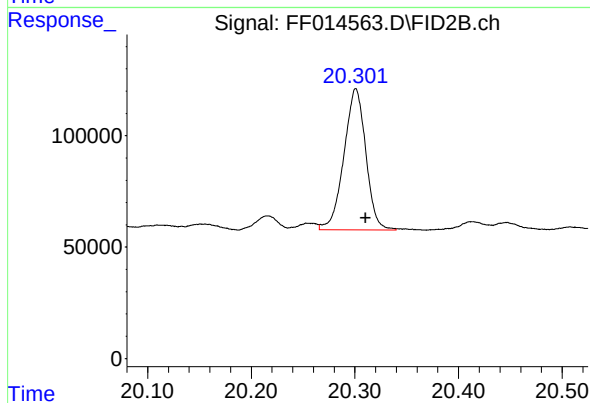
#14 N-DOTRIACONTANE

R.T.: 18.781 min
Delta R.T.: -0.012 min
Response: 2079069
Conc: 18.37 ug/ml



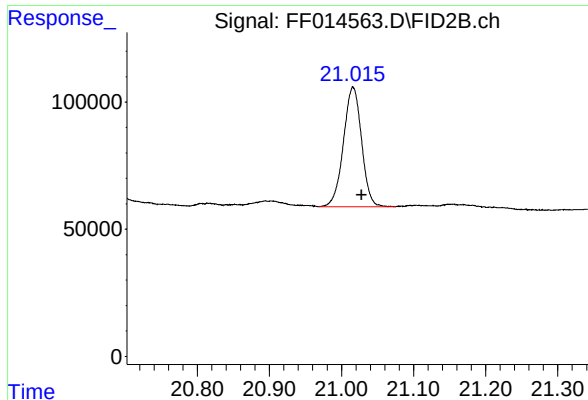
#15 N-TETRATRIACONTANE

R.T.: 19.564 min
Delta R.T.: -0.010 min
Response: 1266370
Conc: 11.77 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.301 min
Delta R.T.: -0.010 min
Response: 933003
Conc: 9.52 ug/ml m



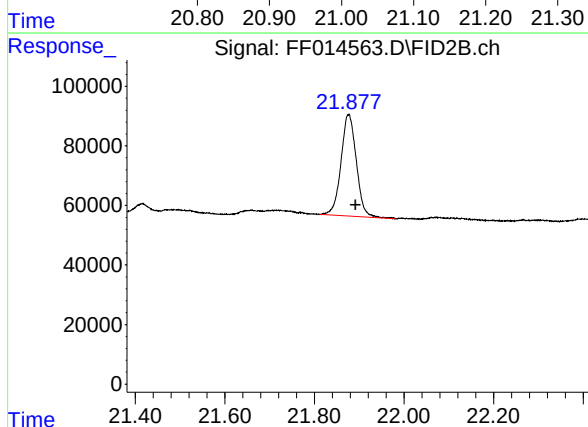
#17 N-OCTATRIACONTANE

R.T.: 21.016 min
Delta R.T.: -0.012 min
Response: 821483
Conc: 9.23 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.877 min
Delta R.T.: -0.016 min
Response: 813201
Conc: 10.61 ug/ml