

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041823\
 Data File : FF012508.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2023 14:24
 Operator : YP\AJ
 Sample : 02385-01MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 BU-3-041723MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Ankita Jodhani 04/19/2023

Integration File: autoint1.e
 Quant Time: Apr 18 23:11:42 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...	15.012	1824031	15.174 ug/ml
Target Compounds			
1) N-OCTANE	2.062	2010960	16.159 ug/ml
2) N-DECANE	4.574	2397018	19.237 ug/ml
3) N-DODECANE	6.736	2642118	21.392 ug/ml
4) N-TETRADECANE	8.561	2990792	23.315 ug/ml
5) N-HEXADECANE	10.167	3239559	24.263 ug/ml
6) N-OCTADECANE	11.608	3293925	24.147 ug/ml
7) N-EICOSANE	12.916	3167580	23.003 ug/ml
8) N-DOCOSANE	14.116	2926203	21.738 ug/ml
10) N-TETRACOSANE	15.217	3266707	24.150 ug/ml
11) N-HEXACOSANE	16.236	2740254	20.579 ug/ml
12) N-OCTACOSANE	17.187	2683711	20.348 ug/ml
13) N-TRIACONTANE	18.073	2583616	19.800 ug/mlm
14) N-DOTRIACONTANE	18.906	2900499	22.992 ug/mlm
15) N-TETRATRIACONTANE	19.689	1991715	17.563 ug/mlm
16) N-HEXATRIACONTANE	20.432	1828160	17.903 ug/mlm
17) N-OCTATRIACONTANE	21.167	1500658	15.399 ug/mlm
18) N-TETRACONTANE	22.077	1482539	15.330 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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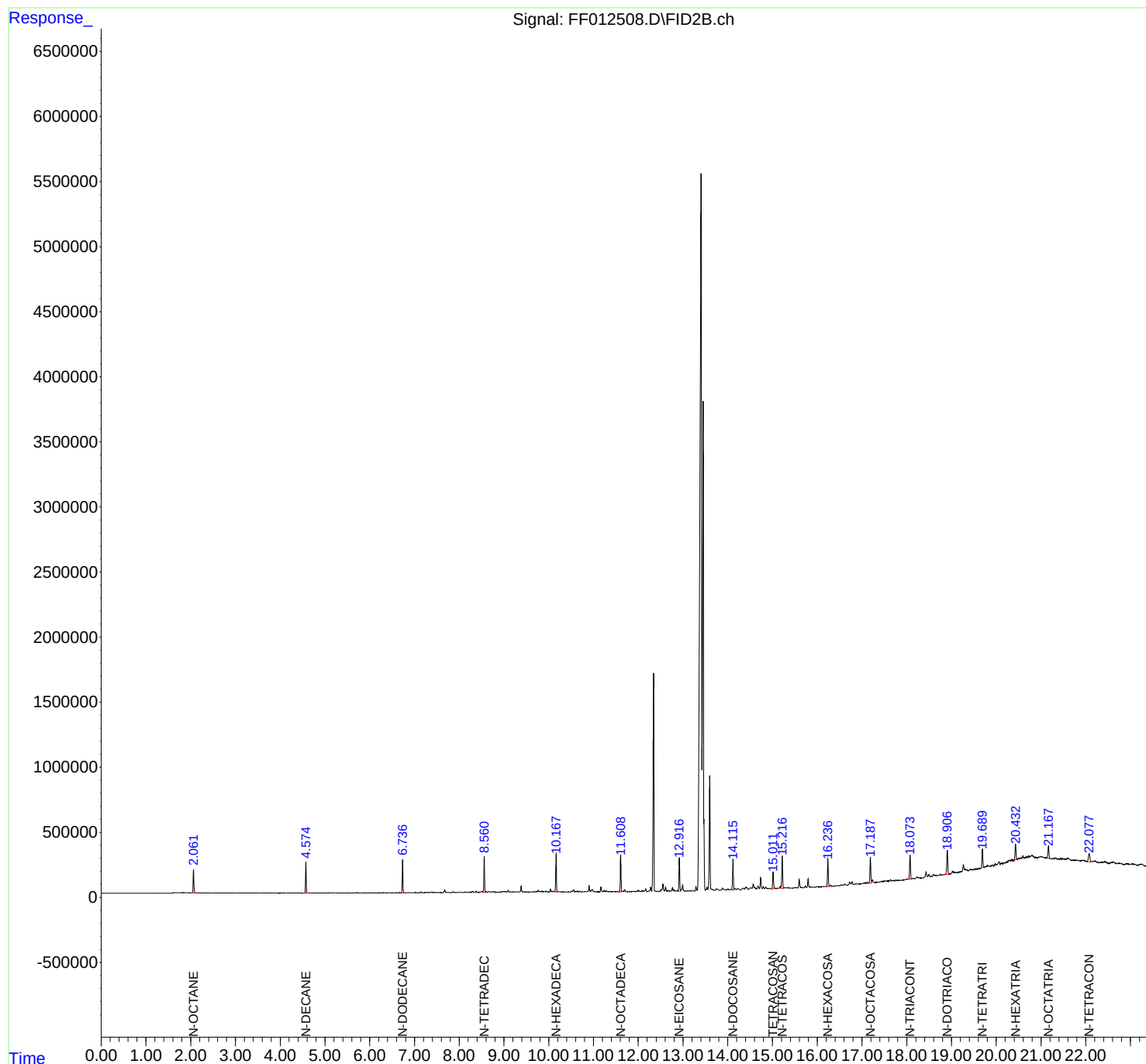
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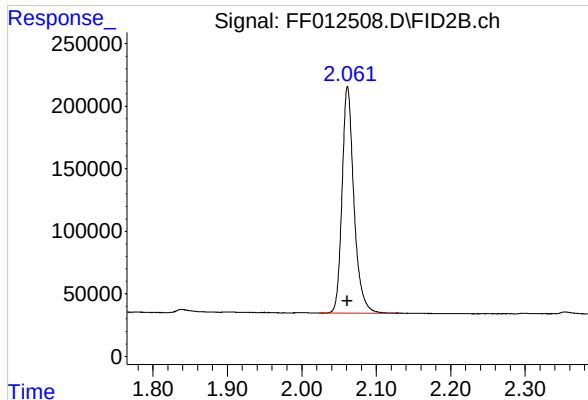
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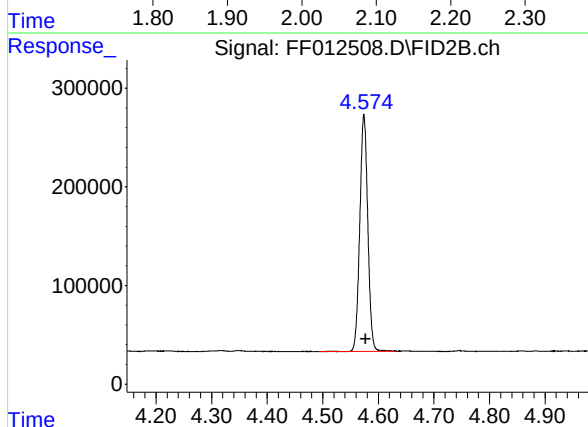
#1 N-OCTANE

R.T.: 2.062 min
Delta R.T.: 0.000 min
Response: 2010960
Conc: 16.16 ug/ml

Instrument :
FID_F
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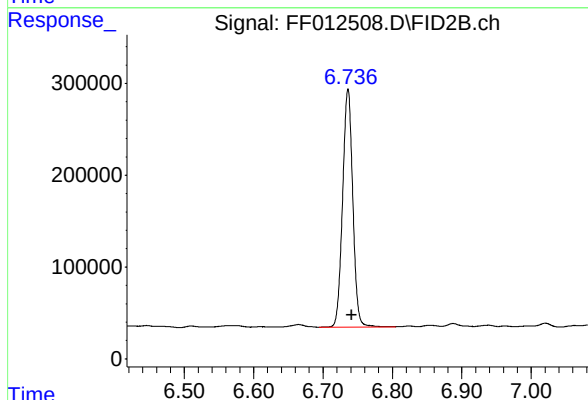
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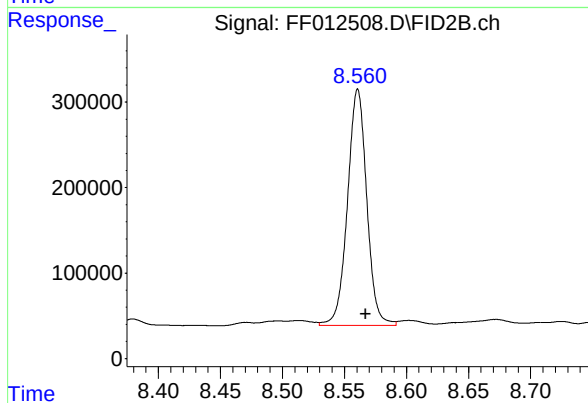
#2 N-DECANE

R.T.: 4.574 min
Delta R.T.: -0.003 min
Response: 2397018
Conc: 19.24 ug/ml



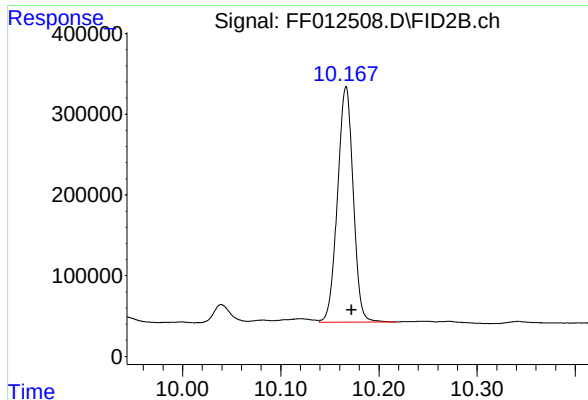
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.005 min
Response: 2642118
Conc: 21.39 ug/ml



#4 N-TETRADECANE

R.T.: 8.561 min
Delta R.T.: -0.006 min
Response: 2990792
Conc: 23.32 ug/ml



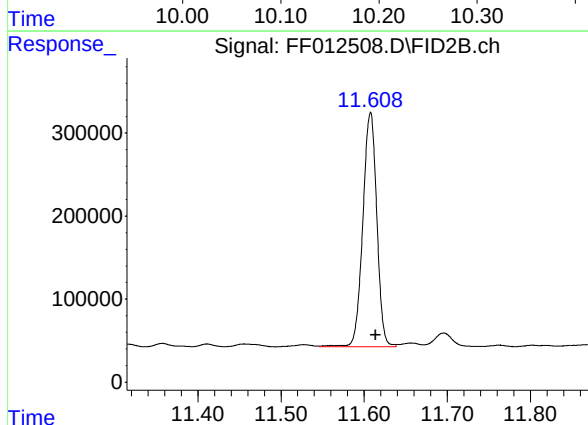
#5 N-HEXADECANE

R.T.: 10.167 min
Delta R.T.: -0.006 min
Response: 3239559
Conc: 24.26 ug/ml

Instrument :
FID_F
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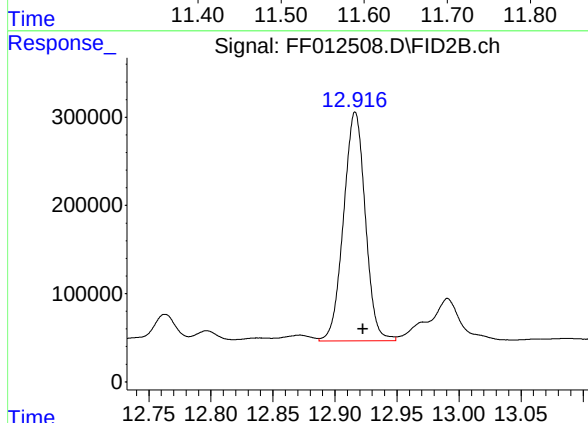
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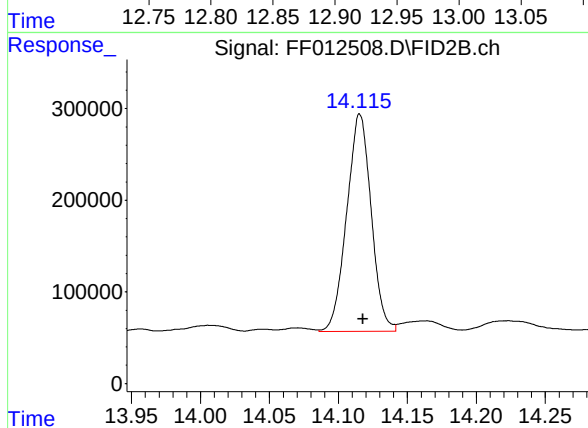
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: -0.006 min
Response: 3293925
Conc: 24.15 ug/ml



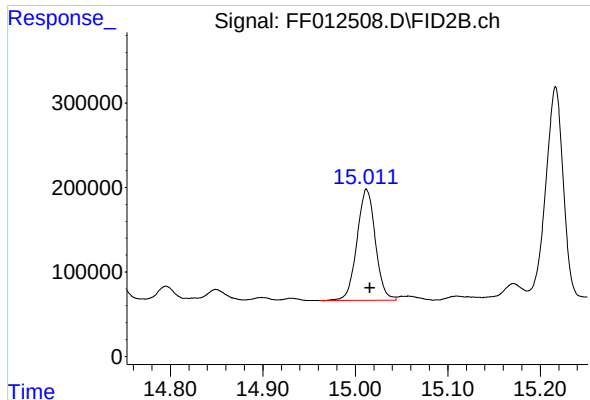
#7 N-EICOSANE

R.T.: 12.916 min
Delta R.T.: -0.006 min
Response: 3167580
Conc: 23.00 ug/ml



#8 N-DOCOSANE

R.T.: 14.116 min
Delta R.T.: -0.002 min
Response: 2926203
Conc: 21.74 ug/ml



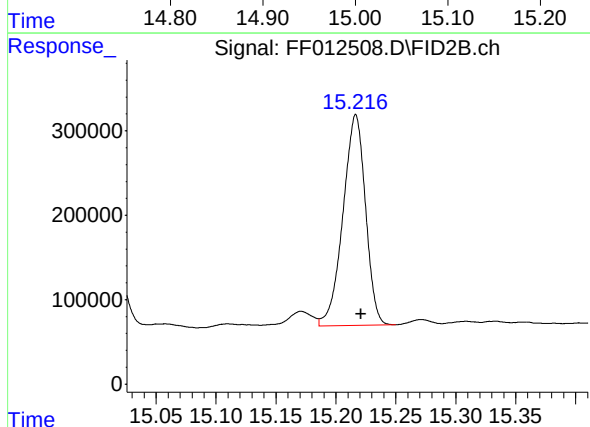
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.012 min
Delta R.T.: -0.004 min
Response: 1824031
Conc: 15.17 ug/ml

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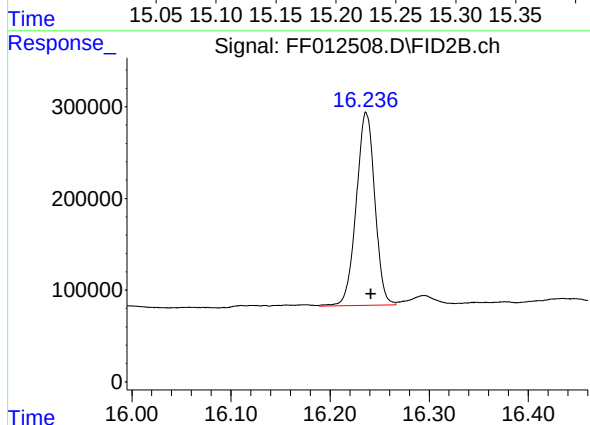
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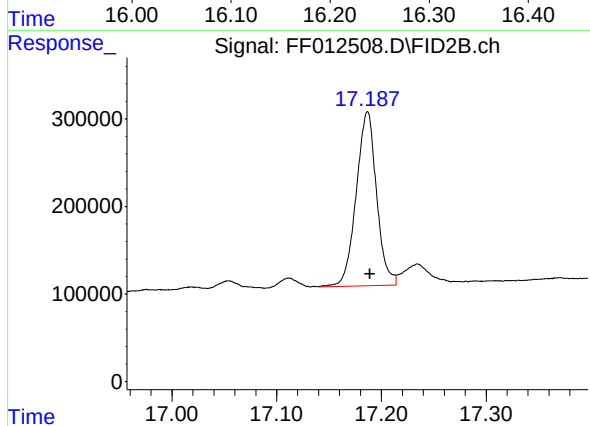
#10 N-TETRACOSANE

R.T.: 15.217 min
Delta R.T.: -0.004 min
Response: 3266707
Conc: 24.15 ug/ml



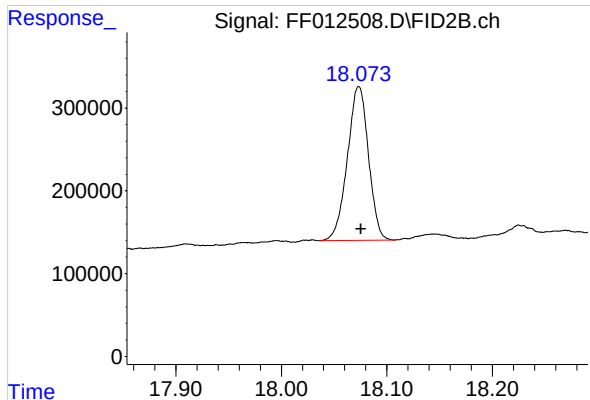
#11 N-HEXACOSANE

R.T.: 16.236 min
Delta R.T.: -0.005 min
Response: 2740254
Conc: 20.58 ug/ml



#12 N-OCTACOSANE

R.T.: 17.187 min
Delta R.T.: -0.002 min
Response: 2683711
Conc: 20.35 ug/ml



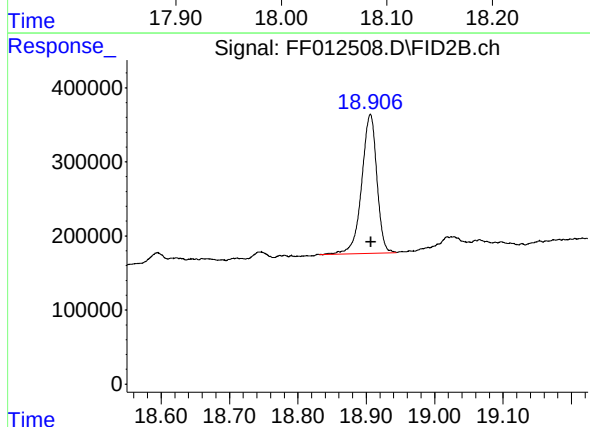
#13 N-TRIACONTANE

R.T.: 18.073 min
Delta R.T.: -0.003 min
Response: 2583616
Conc: 19.80 ug/ml

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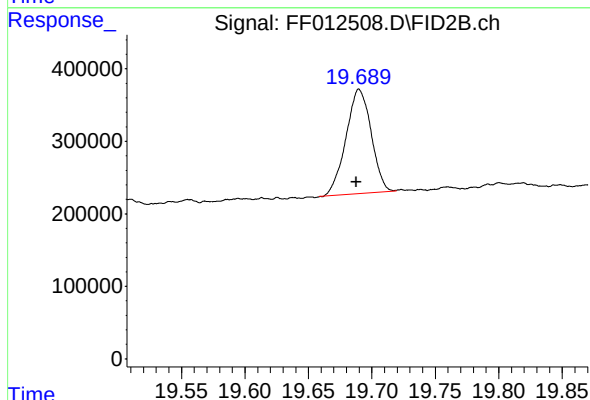
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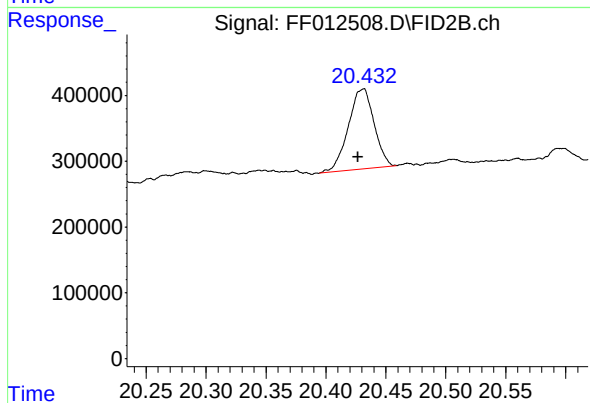
#14 N-DOTRIACONTANE

R.T.: 18.906 min
Delta R.T.: -0.001 min
Response: 2900499
Conc: 22.99 ug/ml



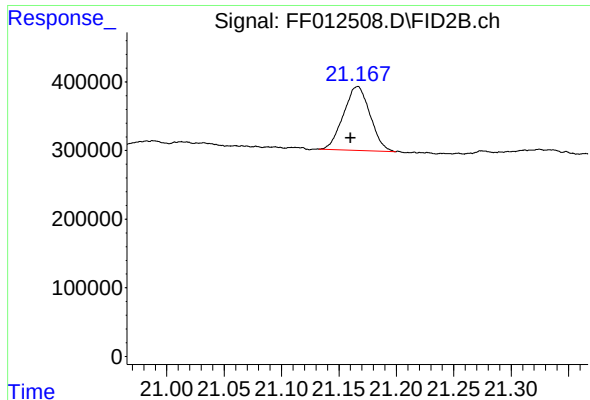
#15 N-TETRATRIACONTANE

R.T.: 19.689 min
Delta R.T.: 0.002 min
Response: 1991715
Conc: 17.56 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.432 min
Delta R.T.: 0.005 min
Response: 1828160
Conc: 17.90 ug/ml



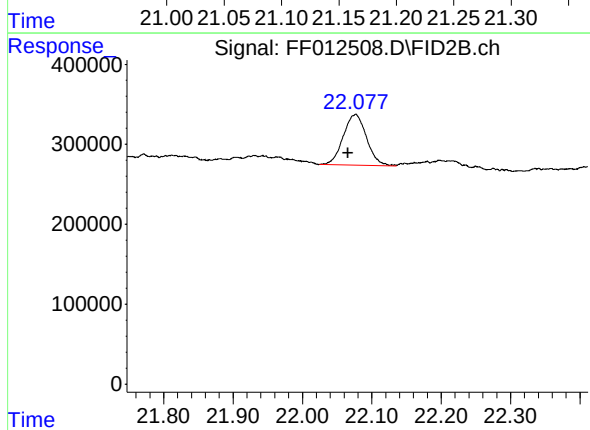
#17 N-OCTATRIACONTANE

R.T.: 21.167 min
Delta R.T.: 0.006 min
Response: 1500658
Conc: 15.40 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.077 min
Delta R.T.: 0.012 min
Response: 1482539
Conc: 15.33 ug/ml