

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102224\
 Data File : FF014743.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 19:14
 Operator : YP\AJ
 Sample : P4473-01MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 TS-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 04:04:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 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...	15.008	1413808	10.743 ug/mlm
Target Compounds			
1) N-OCTANE	2.047	1794598	12.898 ug/ml
2) N-DECANE	4.569	2227089	15.590 ug/ml
3) N-DODECANE	6.731	2458639	16.943 ug/ml
4) N-TETRADECANE	8.555	2534066	17.287 ug/ml
5) N-HEXADECANE	10.161	2667938	18.155 ug/ml
6) N-OCTADECANE	11.603	2941349	19.592 ug/ml
7) N-EICOSANE	12.912	2816972	18.569 ug/ml
8) N-DOCOSANE	14.109	2713821	18.443 ug/ml
10) N-TETRACOSANE	15.211	2939682	20.002 ug/ml
11) N-HEXACOSANE	16.231	2637679	18.059 ug/ml
12) N-OCTACOSANE	17.181	2834922	19.620 ug/ml
13) N-TRIACONTANE	18.069	2925941	19.987 ug/ml
14) N-DOTRIACONTANE	18.906	4483278	31.163 ug/ml
15) N-TETRATRIACONTANE	19.686	1350028	9.844 ug/mlm
16) N-HEXATRIACONTANE	20.423	857471	6.610 ug/ml
17) N-OCTATRIACONTANE	21.153	951715	8.275 ug/mlm
18) N-TETRACONTANE	22.061	877369	8.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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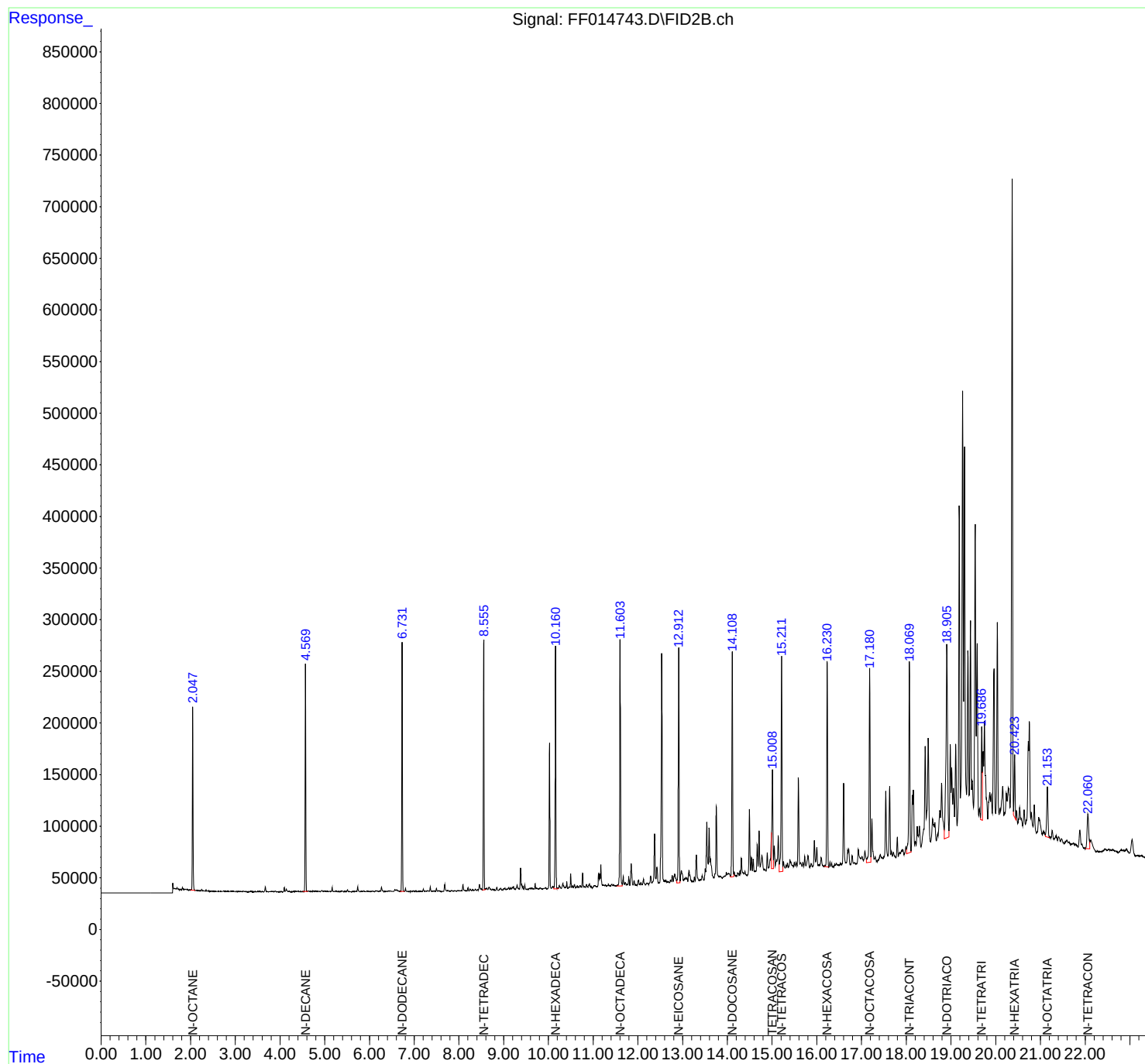
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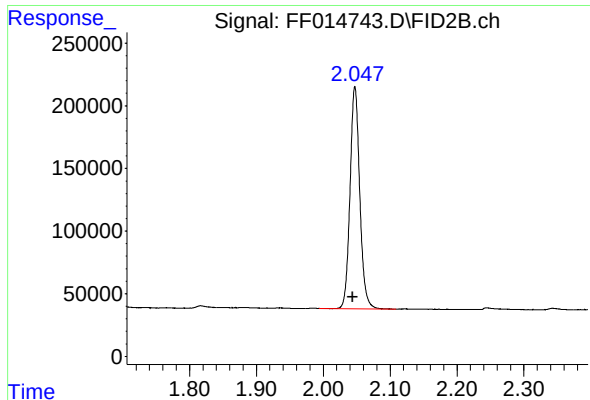
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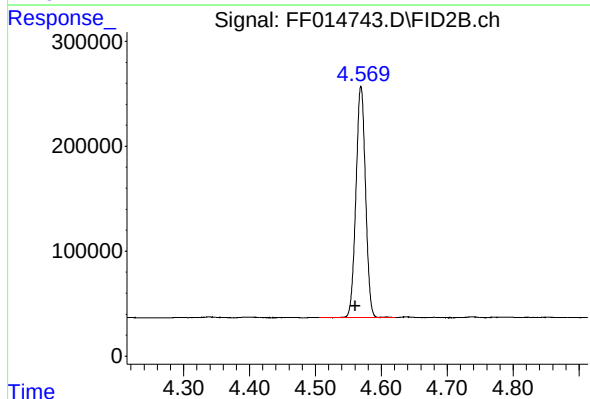
#1 N-OCTANE

R.T.: 2.047 min
Delta R.T.: 0.003 min
Response: 1794598
Conc: 12.90 ug/ml

Instrument :
FID_F
ClientSampleId :
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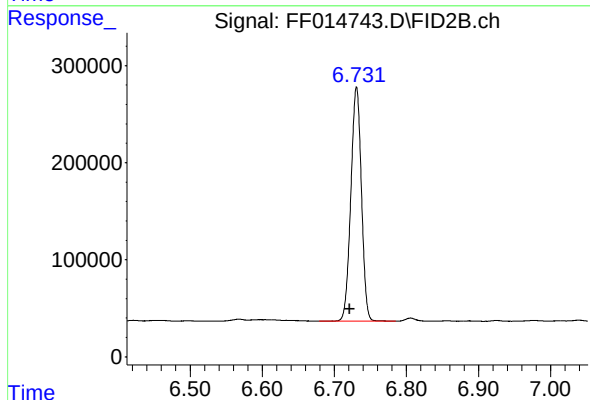
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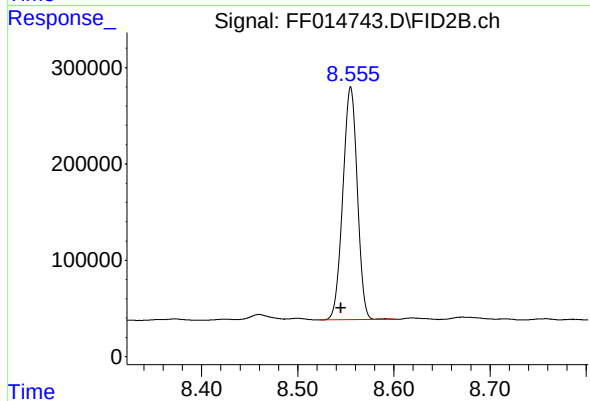
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: 0.009 min
Response: 2227089
Conc: 15.59 ug/ml



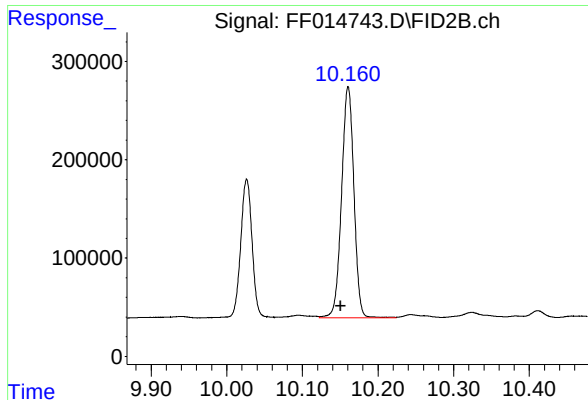
#3 N-DODECANE

R.T.: 6.731 min
Delta R.T.: 0.010 min
Response: 2458639
Conc: 16.94 ug/ml



#4 N-TETRADECANE

R.T.: 8.555 min
Delta R.T.: 0.010 min
Response: 2534066
Conc: 17.29 ug/ml



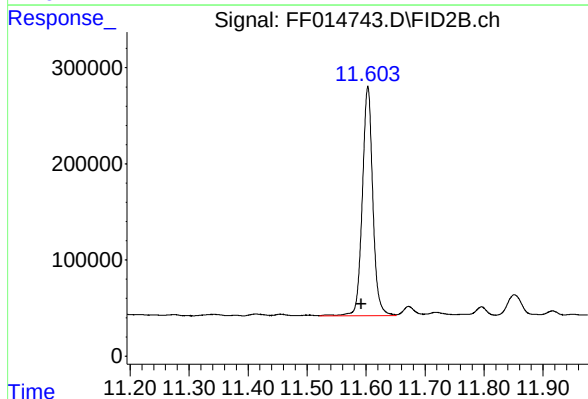
#5 N-HEXADECANE

R.T.: 10.161 min
Delta R.T.: 0.010 min
Response: 2667938
Conc: 18.16 ug/ml

Instrument :
FID_F
ClientSampleId :
TS-1MSD

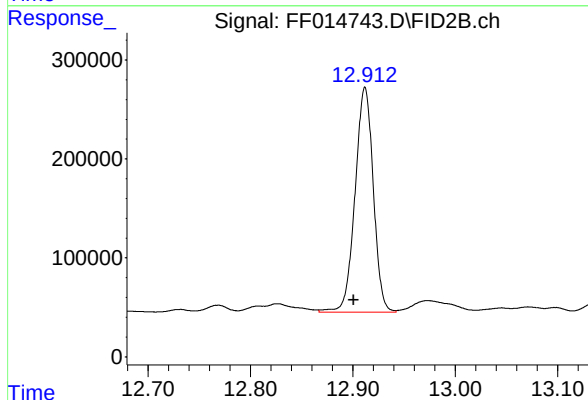
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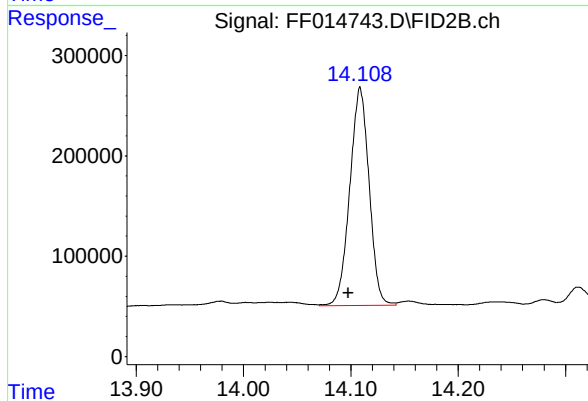
#6 N-OCTADECANE

R.T.: 11.603 min
Delta R.T.: 0.011 min
Response: 2941349
Conc: 19.59 ug/ml



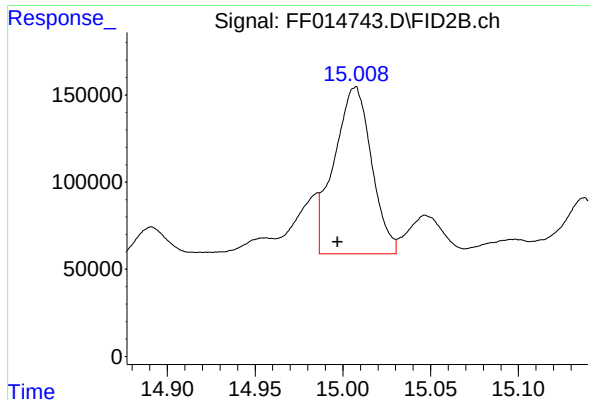
#7 N-EICOSANE

R.T.: 12.912 min
Delta R.T.: 0.011 min
Response: 2816972
Conc: 18.57 ug/ml



#8 N-DOCOSANE

R.T.: 14.109 min
Delta R.T.: 0.011 min
Response: 2713821
Conc: 18.44 ug/ml



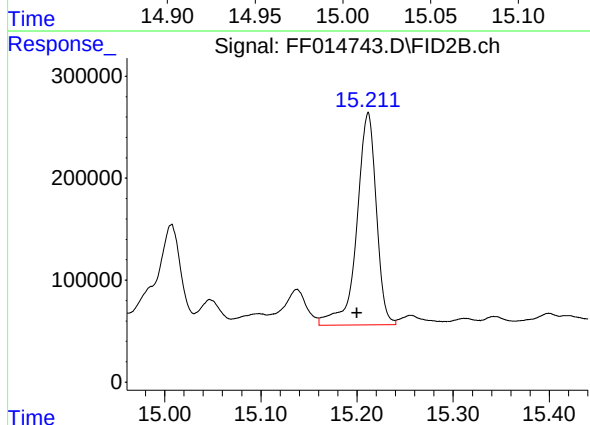
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.008 min
Delta R.T.: 0.011 min
Response: 1413808
Conc: 10.74 ug/ml

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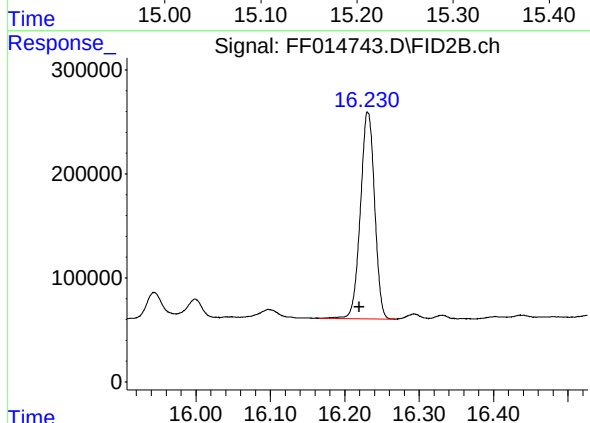
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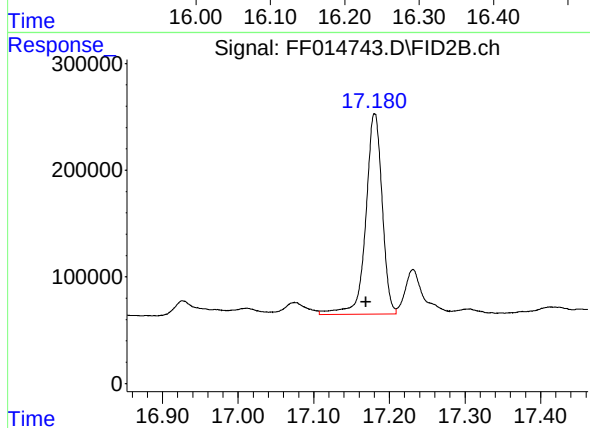
#10 N-TETRACOSANE

R.T.: 15.211 min
Delta R.T.: 0.012 min
Response: 2939682
Conc: 20.00 ug/ml



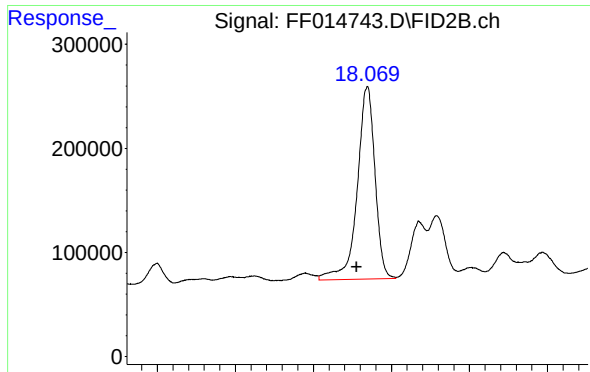
#11 N-HEXACOSANE

R.T.: 16.231 min
Delta R.T.: 0.011 min
Response: 2637679
Conc: 18.06 ug/ml



#12 N-OCTACOSANE

R.T.: 17.181 min
Delta R.T.: 0.011 min
Response: 2834922
Conc: 19.62 ug/ml



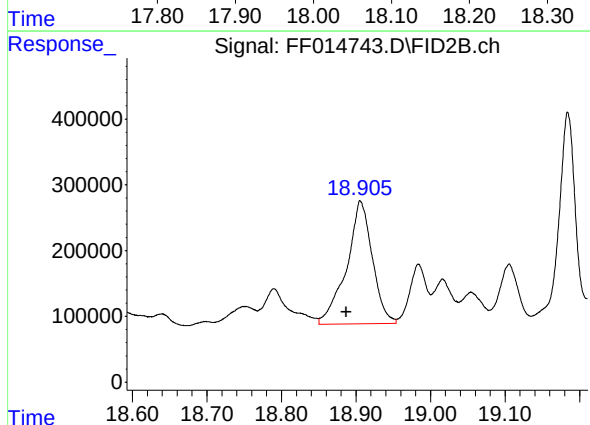
#13 N-TRIACONTANE

R.T.: 18.069 min
Delta R.T.: 0.014 min
Response: 2925941
Conc: 19.99 ug/ml

Instrument :
FID_F
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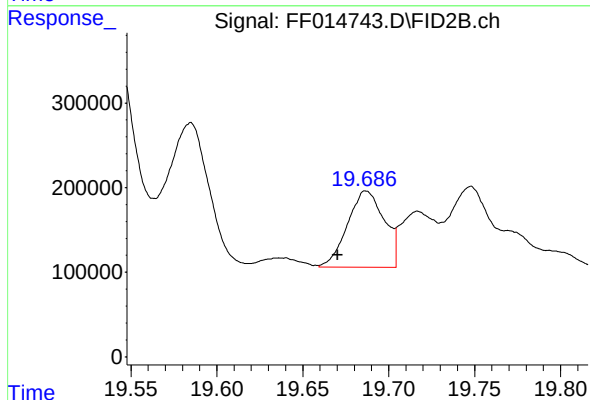
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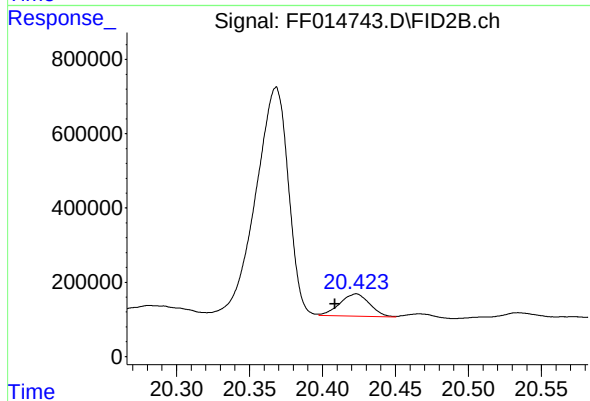
#14 N-DOTRIACONTANE

R.T.: 18.906 min
Delta R.T.: 0.019 min
Response: 4483278
Conc: 31.16 ug/ml



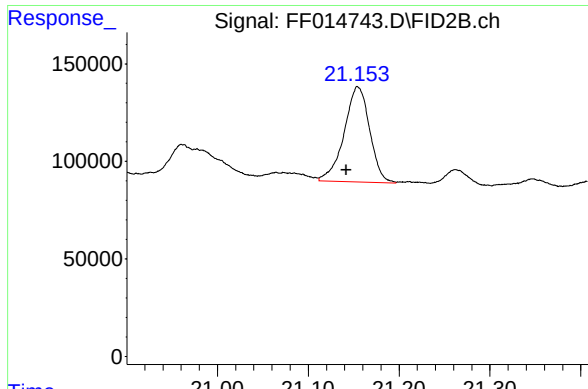
#15 N-TETRATRIACONTANE

R.T.: 19.686 min
Delta R.T.: 0.016 min
Response: 1350028
Conc: 9.84 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.423 min
Delta R.T.: 0.014 min
Response: 857471
Conc: 6.61 ug/ml



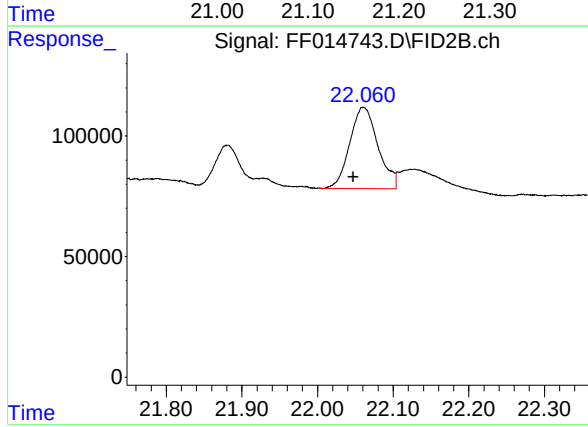
#17 N-OCTATRIACONTANE

R.T.: 21.153 min
Delta R.T.: 0.012 min
Response: 951715
Conc: 8.27 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.061 min
Delta R.T.: 0.014 min
Response: 877369
Conc: 8.36 ug/ml