

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012125\
 Data File : FF015261.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jan 2025 11:46
 Operator : YP\AJ
 Sample : PB166151BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB166151BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/22/2025
 Supervised By :Ankita Jodhani 01/22/2025

Integration File: autoint1.e
 Quant Time: Jan 22 00:32:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 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...	15.014	2136225	16.314 ug/ml
Target Compounds			
1) N-OCTANE	2.038	1776136	13.342 ug/ml
2) N-DECANE	4.567	2422600	18.179 ug/ml
3) N-DODECANE	6.731	2536544	18.543 ug/ml
4) N-TETRADECANE	8.556	2532166	19.392 ug/ml
5) N-HEXADECANE	10.163	2525472	18.811 ug/ml
6) N-OCTADECANE	11.605	2577885	17.562 ug/ml
7) N-EICOSANE	12.916	2566952	17.558 ug/ml
8) N-DOCOSANE	14.114	2440163	16.852 ug/ml
10) N-TETRACOSANE	15.218	2386867	16.484 ug/ml
11) N-HEXACOSANE	16.239	2288941	16.244 ug/ml
12) N-OCTACOSANE	17.190	2200451	16.056 ug/ml
13) N-TRIACONTANE	18.079	2134454	16.047 ug/ml
14) N-DOTRIACONTANE	18.912	1981302	15.596 ug/ml
15) N-TETRATRIACONTANE	19.695	1696950	15.314 ug/ml
16) N-HEXATRIACONTANE	20.436	1324618	14.653 ug/mlm
17) N-OCTATRIACONTANE	21.174	1014168	12.549 ug/ml
18) N-TETRACONTANE	22.090	716101	9.440 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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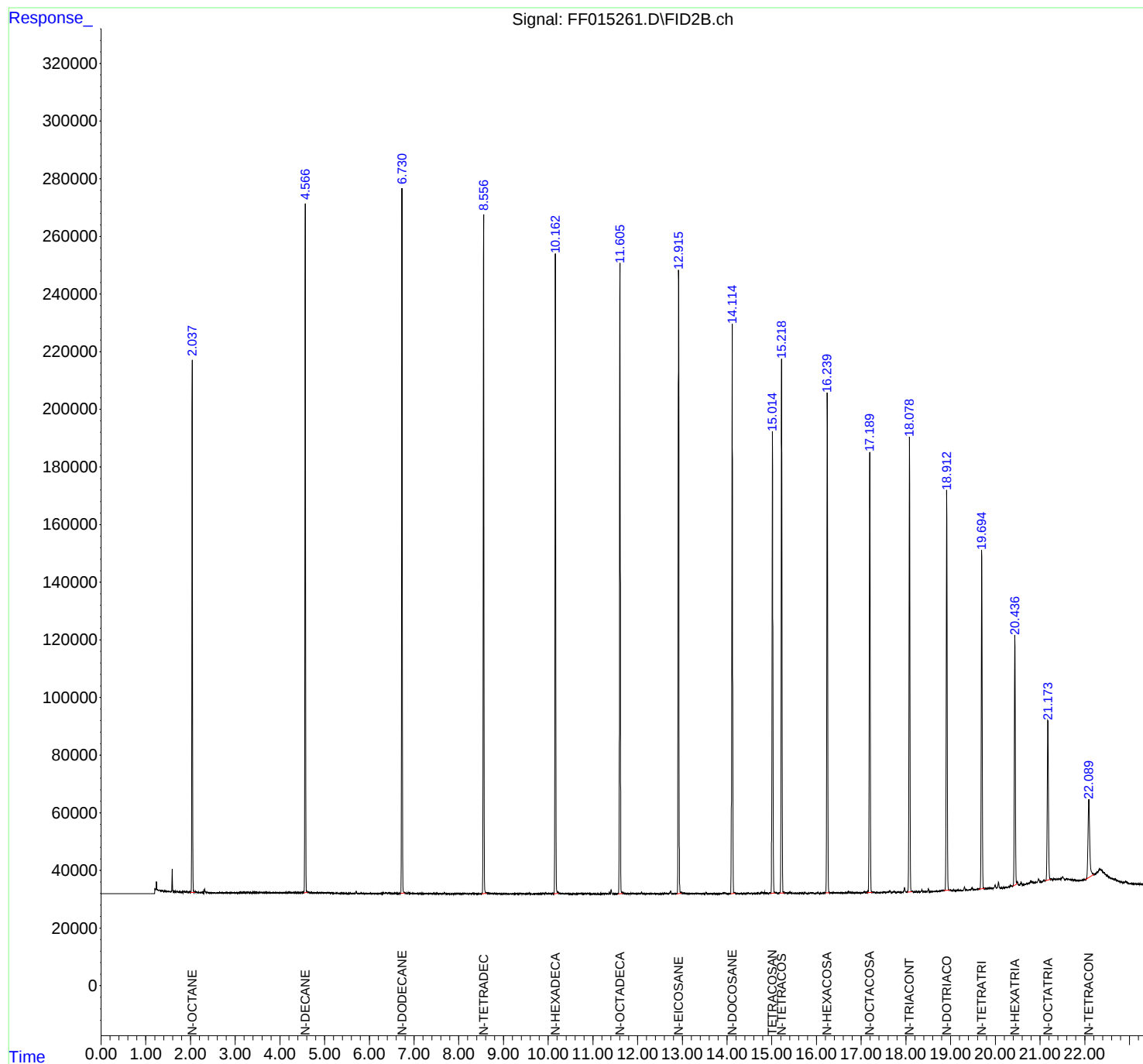
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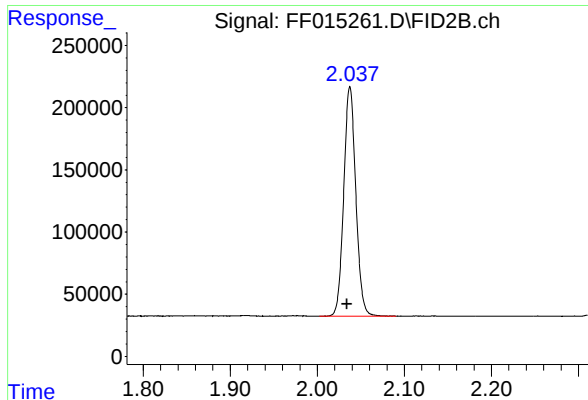
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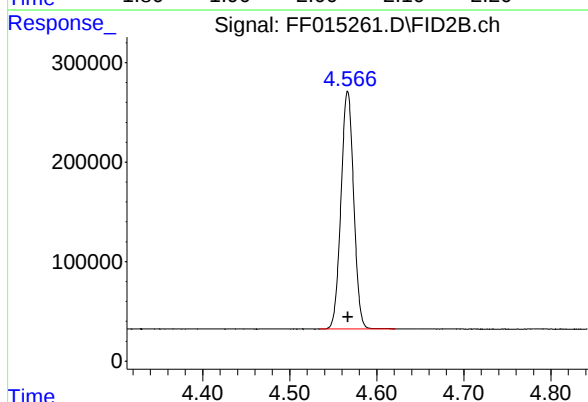
#1 N-OCTANE

R.T.: 2.038 min
Delta R.T.: 0.004 min
Response: 1776136
Conc: 13.34 ug/ml

Instrument :
FID_F
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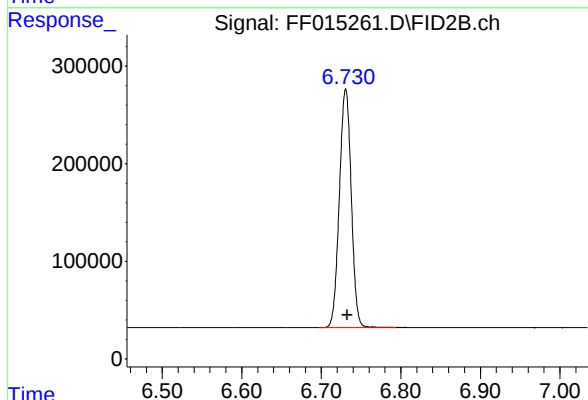
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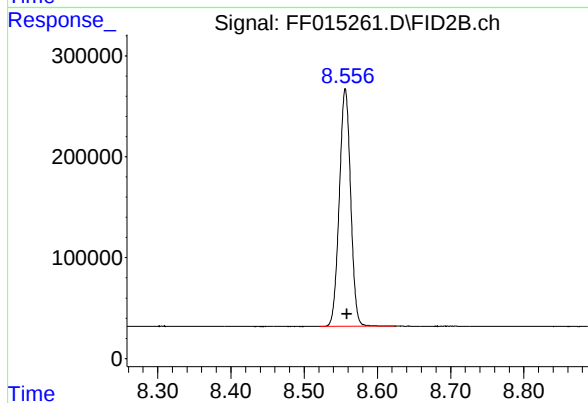
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2422600
Conc: 18.18 ug/ml



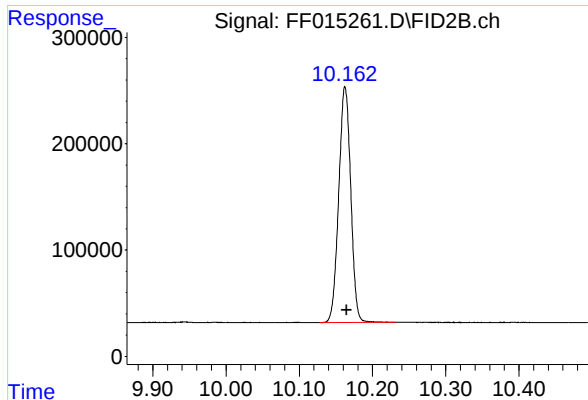
#3 N-DODECANE

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 2536544
Conc: 18.54 ug/ml



#4 N-TETRADECANE

R.T.: 8.556 min
Delta R.T.: -0.002 min
Response: 2532166
Conc: 19.39 ug/ml



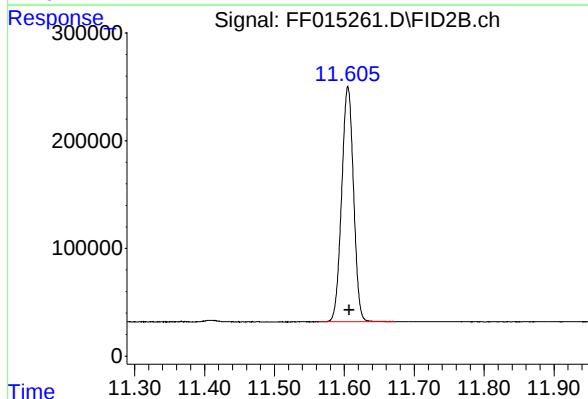
#5 N-HEXADECANE

R.T.: 10.163 min
Delta R.T.: -0.002 min
Response: 2525472
Conc: 18.81 ug/ml

Instrument :
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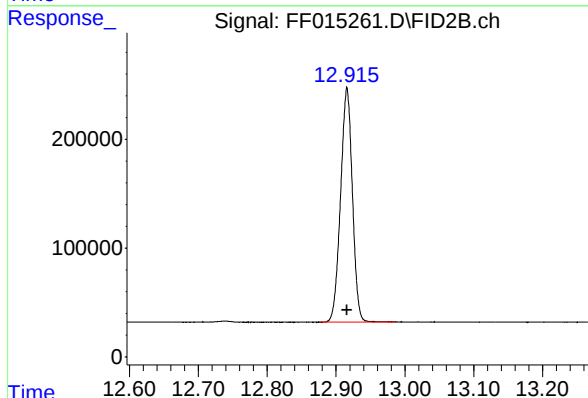
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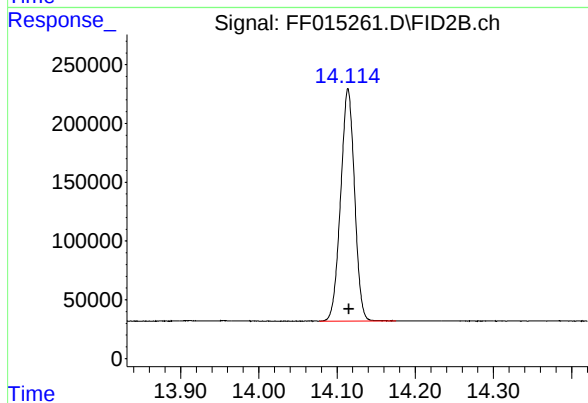
#6 N-OCTADECANE

R.T.: 11.605 min
Delta R.T.: -0.002 min
Response: 2577885
Conc: 17.56 ug/ml



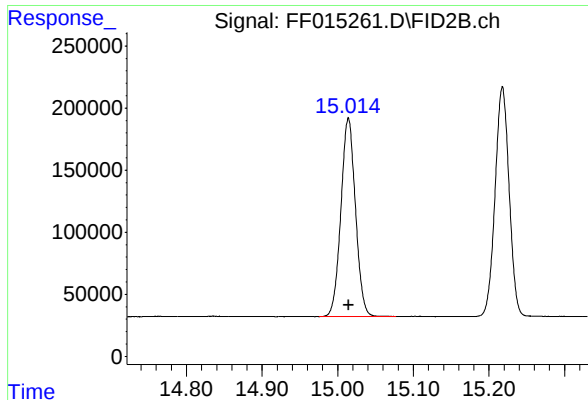
#7 N-EICOSANE

R.T.: 12.916 min
Delta R.T.: 0.000 min
Response: 2566952
Conc: 17.56 ug/ml



#8 N-DOCOSANE

R.T.: 14.114 min
Delta R.T.: 0.000 min
Response: 2440163
Conc: 16.85 ug/ml



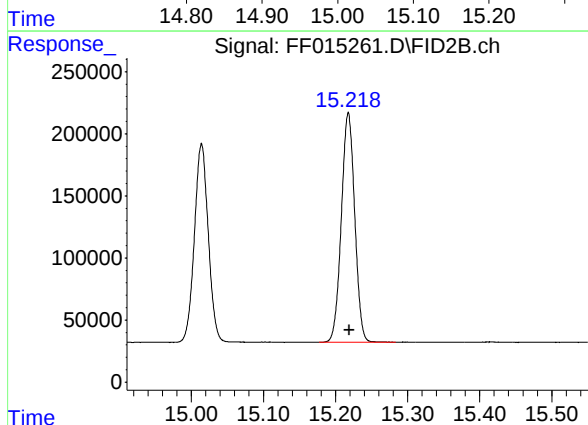
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.014 min
Delta R.T.: 0.000 min
Response: 2136225
Conc: 16.31 ug/ml

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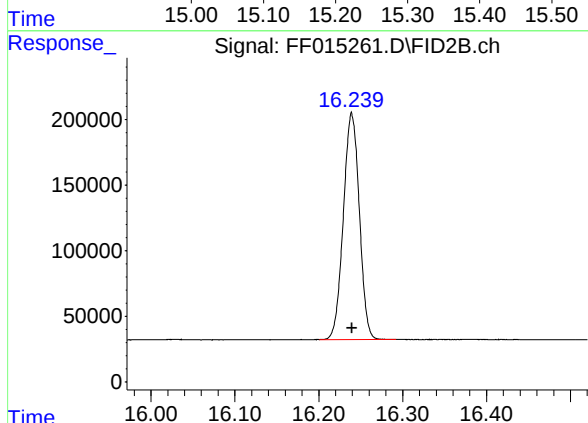
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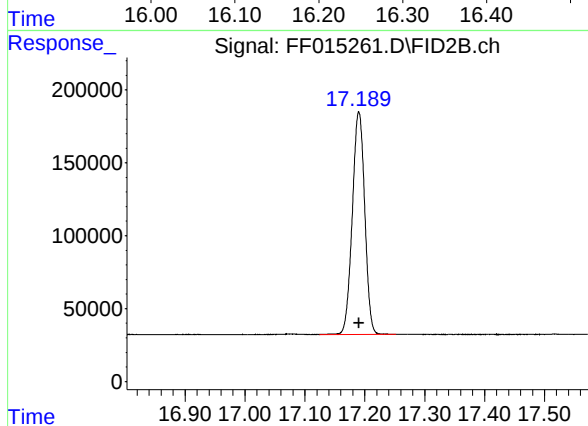
#10 N-TETRACOSANE

R.T.: 15.218 min
Delta R.T.: -0.001 min
Response: 2386867
Conc: 16.48 ug/ml



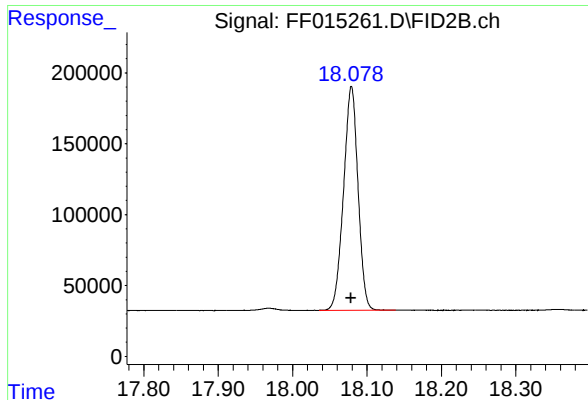
#11 N-HEXACOSANE

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 2288941
Conc: 16.24 ug/ml



#12 N-OCTACOSANE

R.T.: 17.190 min
Delta R.T.: 0.000 min
Response: 2200451
Conc: 16.06 ug/ml



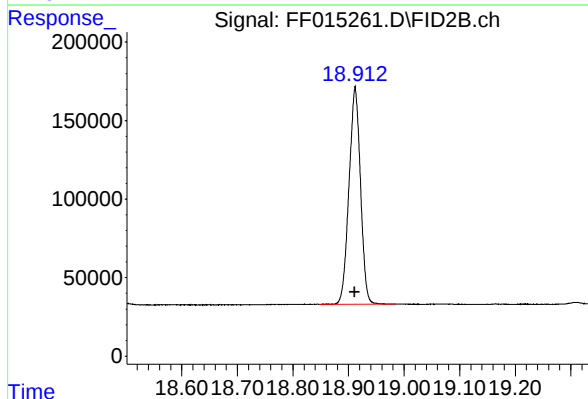
#13 N-TRIACONTANE

R.T.: 18.079 min
Delta R.T.: 0.000 min
Response: 2134454
Conc: 16.05 ug/ml

Instrument :
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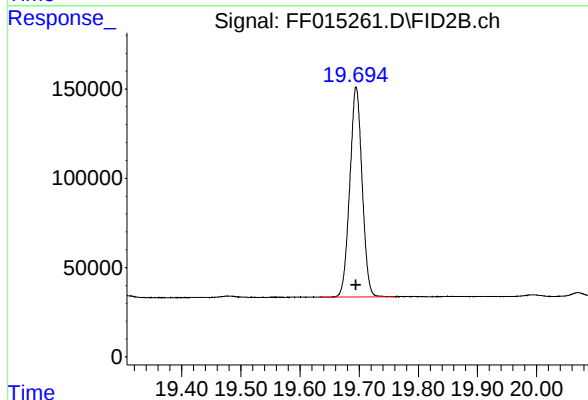
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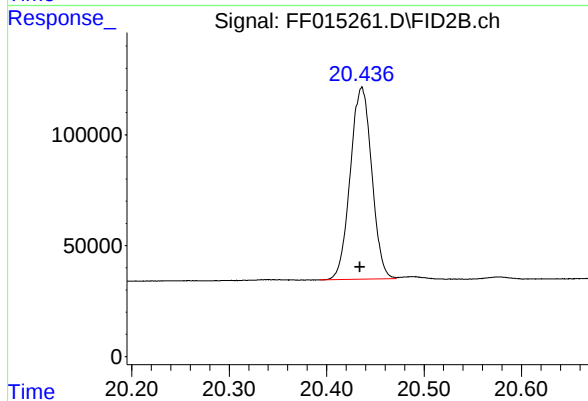
#14 N-DOTRIACONTANE

R.T.: 18.912 min
Delta R.T.: 0.001 min
Response: 1981302
Conc: 15.60 ug/ml



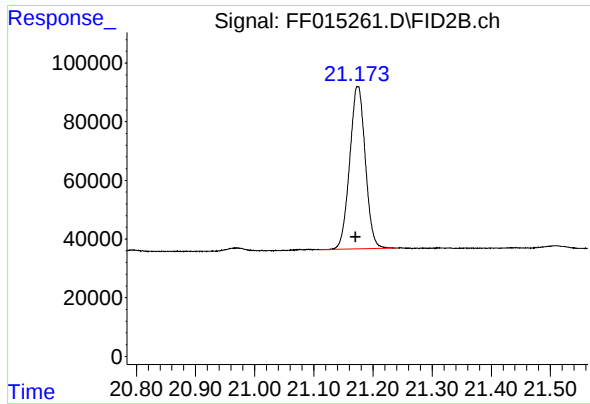
#15 N-TETRATRIACONTANE

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 1696950
Conc: 15.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.436 min
Delta R.T.: 0.002 min
Response: 1324618
Conc: 14.65 ug/ml m



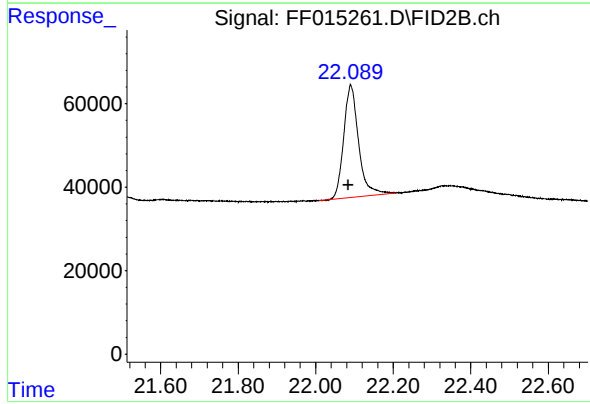
#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: 0.004 min
Response: 1014168
Conc: 12.55 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.090 min
Delta R.T.: 0.006 min
Response: 716101
Conc: 9.44 ug/ml