

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012325\
 Data File : FF015301.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 03:31
 Operator : YP\AJ
 Sample : Q1168-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-05-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 24 05:08:02 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...	15.019	1953542	14.919 ug/ml
Target Compounds			
1) N-OCTANE	2.037	562271	4.224 ug/ml
2) N-DECANE	4.568	607910	4.562 ug/ml
3) N-DODECANE	6.733	603415	4.411 ug/ml
4) N-TETRADECANE	8.558	584238	4.474 ug/ml
5) N-HEXADECANE	10.165	570381	4.248 ug/ml
6) N-OCTADECANE	11.608	577773	3.936 ug/ml
7) N-EICOSANE	12.919	580190	3.968 ug/ml
8) N-DOCOSANE	14.118	560235	3.869 ug/ml
10) N-TETRACOSANE	15.222	558417	3.856 ug/ml
11) N-HEXACOSANE	16.245	539311	3.827 ug/ml
12) N-OCTACOSANE	17.195	532578	3.886 ug/ml
13) N-TRIACONTANE	18.083	537538	4.041 ug/ml
14) N-DOTRIACONTANE	18.918	536484	4.223 ug/ml
15) N-TETRATRIACONTANE	19.702	484619	4.373 ug/ml
16) N-HEXATRIACONTANE	20.443	417069	4.614 ug/mlm
17) N-OCTATRIACONTANE	21.183	385345	4.768 ug/ml
18) N-TETRACONTANE	22.099	373668	4.926 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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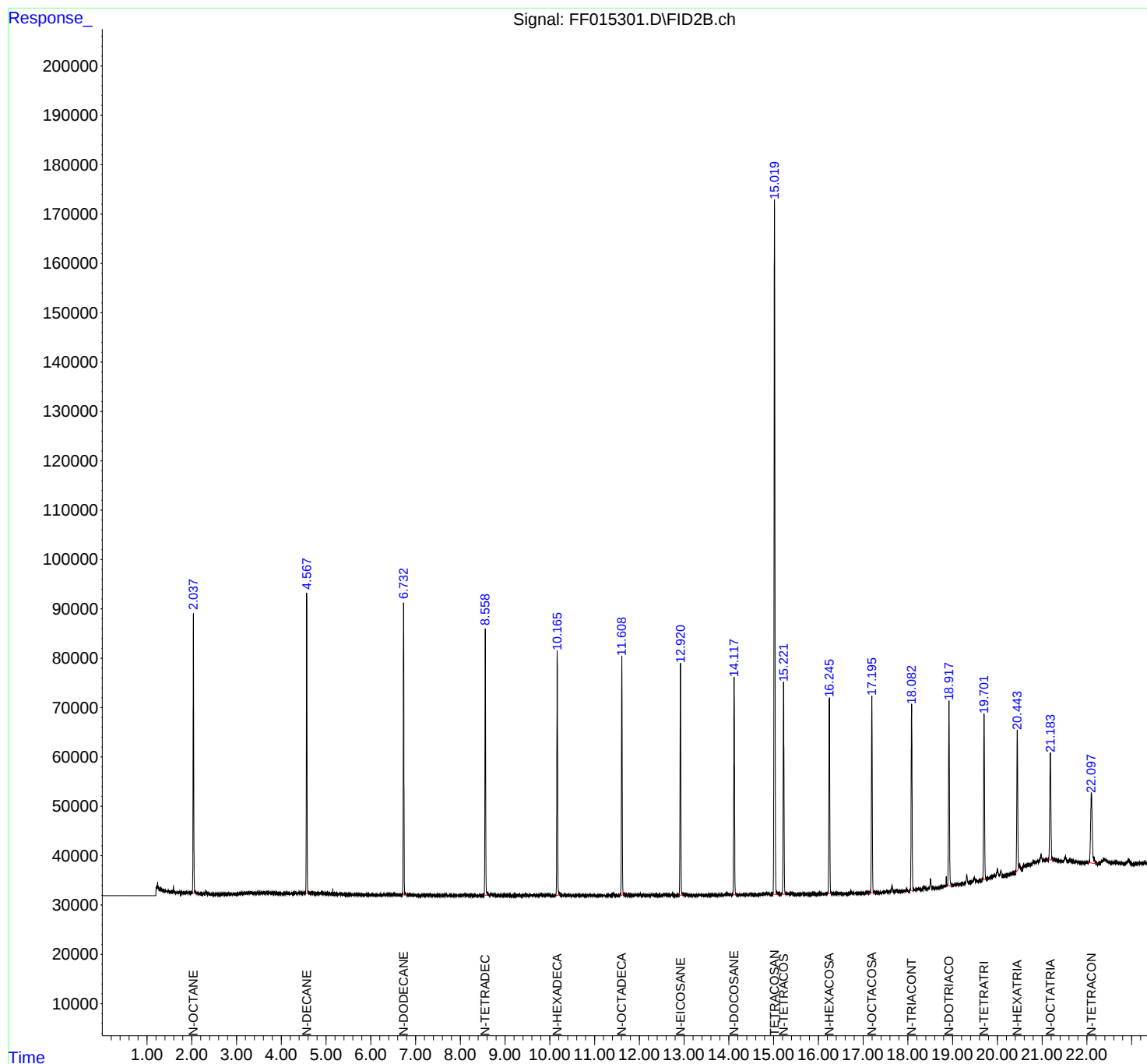
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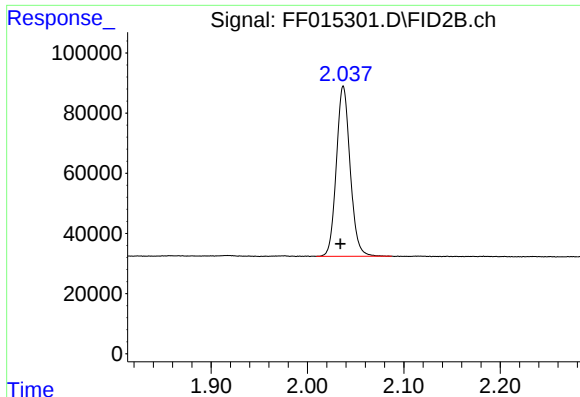
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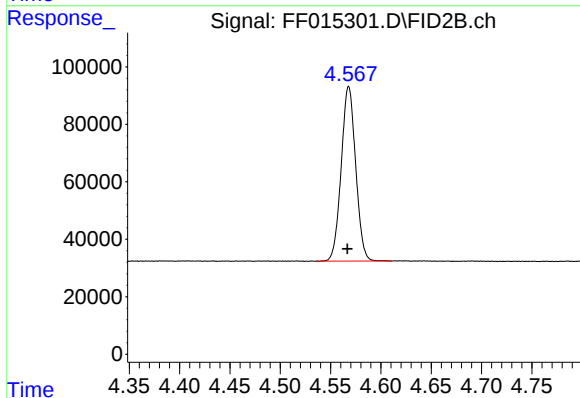
#1 N-OCTANE

R.T.: 2.037 min
Delta R.T.: 0.003 min
Response: 562271
Conc: 4.22 ug/ml

Instrument : FID_F
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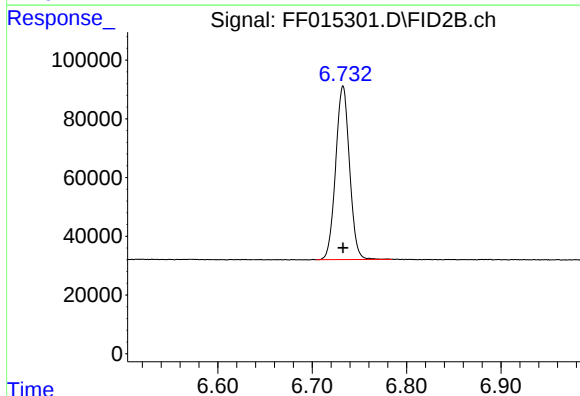
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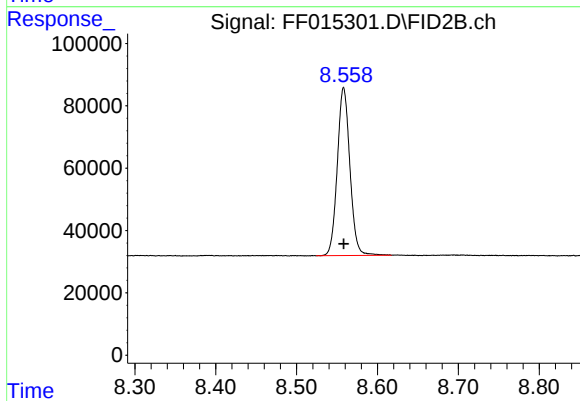
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 607910
Conc: 4.56 ug/ml



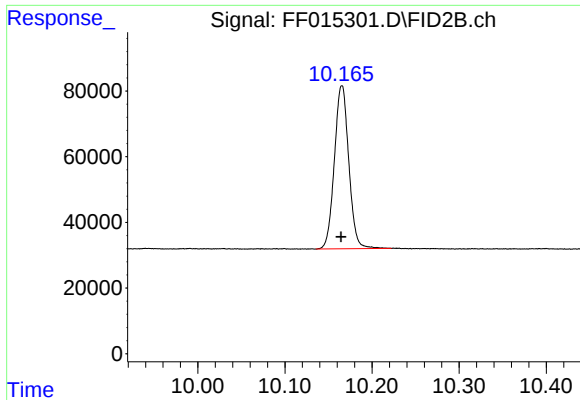
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 603415
Conc: 4.41 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 584238
Conc: 4.47 ug/ml



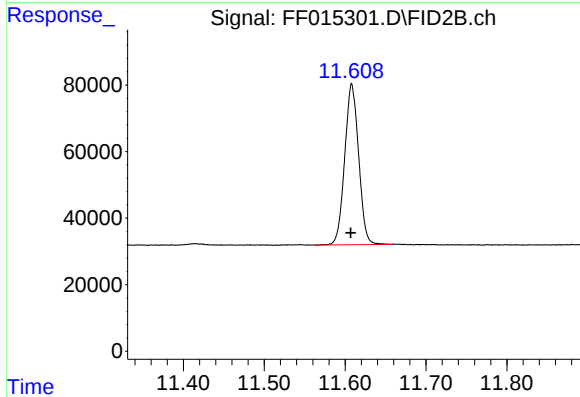
#5 N-HEXADECANE

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 570381
Conc: 4.25 ug/ml

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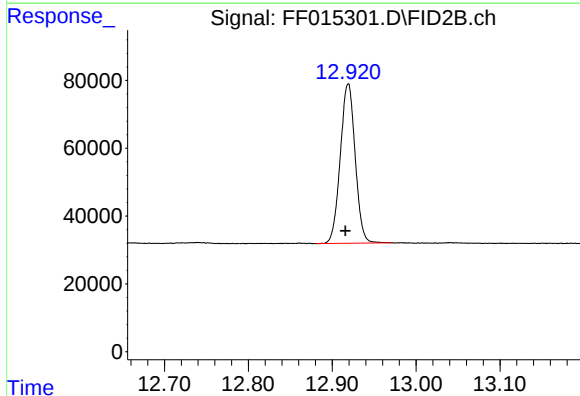
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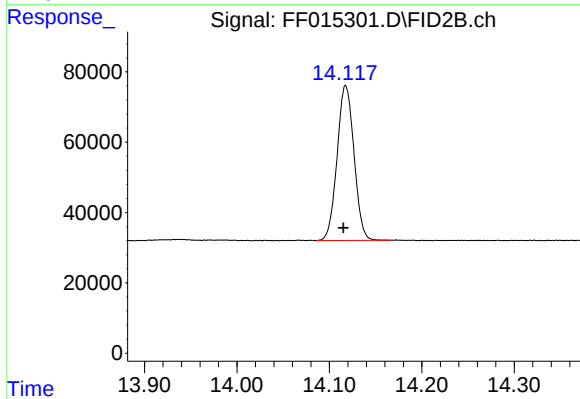
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: 0.001 min
Response: 577773
Conc: 3.94 ug/ml



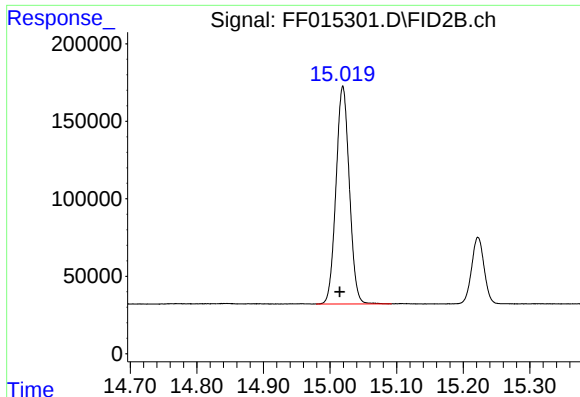
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: 0.003 min
Response: 580190
Conc: 3.97 ug/ml



#8 N-DOCOSANE

R.T.: 14.118 min
Delta R.T.: 0.003 min
Response: 560235
Conc: 3.87 ug/ml



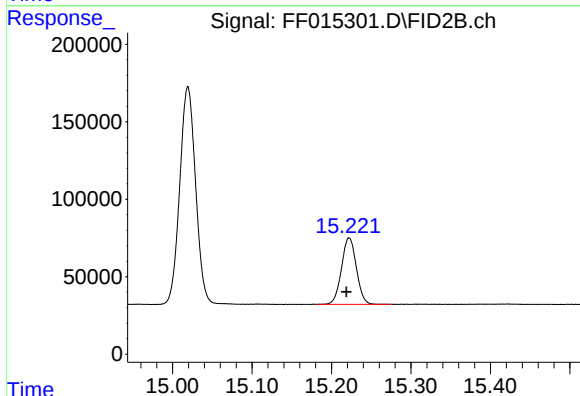
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.019 min
Delta R.T.: 0.005 min
Response: 1953542
Conc: 14.92 ug/ml

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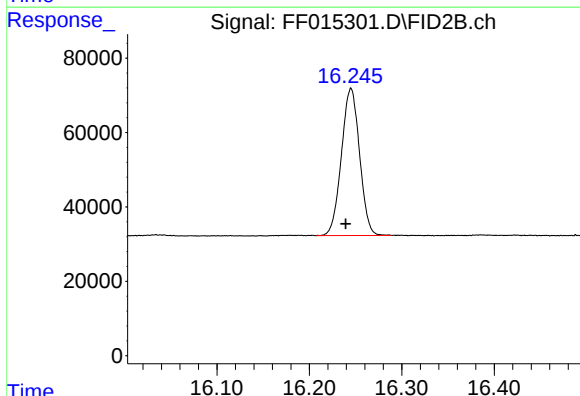
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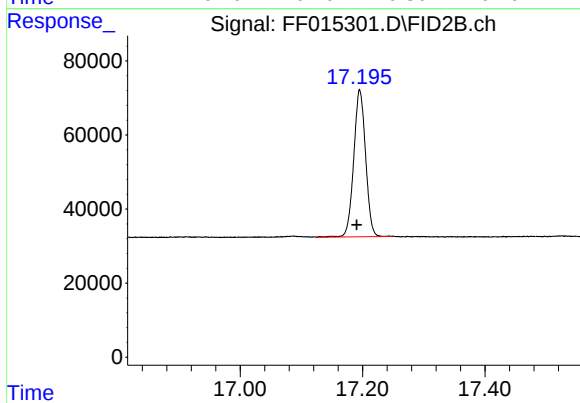
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: 0.003 min
Response: 558417
Conc: 3.86 ug/ml



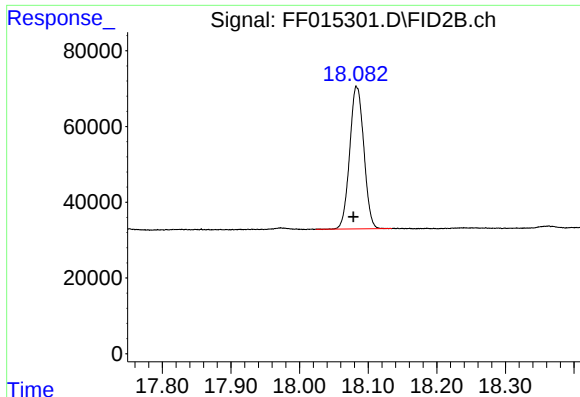
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: 0.006 min
Response: 539311
Conc: 3.83 ug/ml



#12 N-OCTACOSANE

R.T.: 17.195 min
Delta R.T.: 0.005 min
Response: 532578
Conc: 3.89 ug/ml



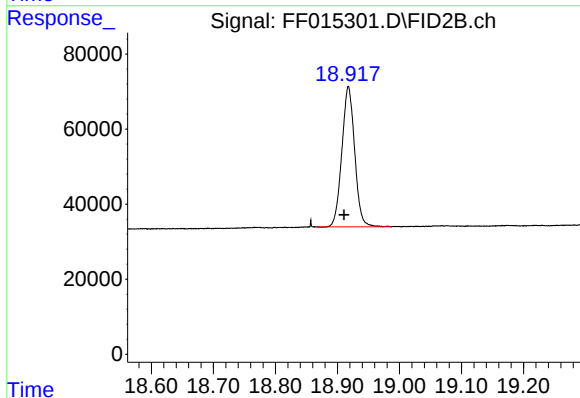
#13 N-TRIACONTANE

R.T.: 18.083 min
Delta R.T.: 0.005 min
Response: 537538
Conc: 4.04 ug/ml

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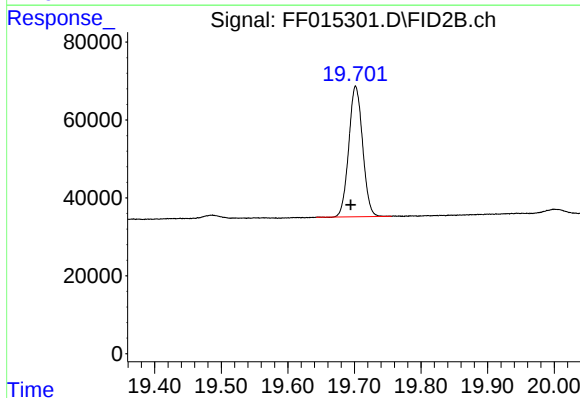
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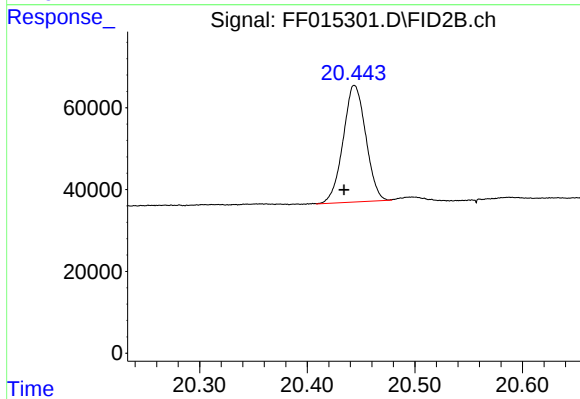
#14 N-DOTRIACONTANE

R.T.: 18.918 min
Delta R.T.: 0.007 min
Response: 536484
Conc: 4.22 ug/ml



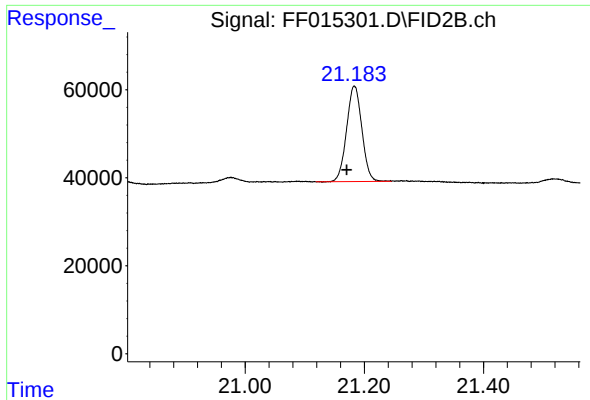
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: 0.007 min
Response: 484619
Conc: 4.37 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.443 min
Delta R.T.: 0.009 min
Response: 417069
Conc: 4.61 ug/ml m



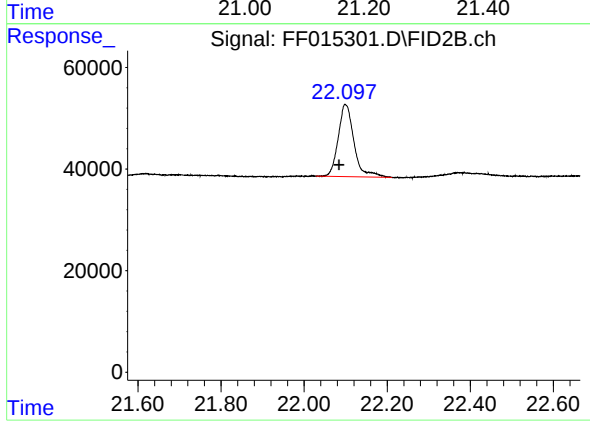
#17 N-OCTATRIACONTANE

R.T.: 21.183 min
Delta R.T.: 0.013 min
Response: 385345
Conc: 4.77 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.099 min
Delta R.T.: 0.015 min
Response: 373668
Conc: 4.93 ug/ml