

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121823\
 Data File : FF013895.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 12:42
 Operator : YP\AJ
 Sample : PB157845BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB157845BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :Ankita Jodhani 12/19/2023

Integration File: autoint1.e
 Quant Time: Dec 18 23:20:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120523.M
 Quant Title :
 QLast Update : Tue Dec 05 11:16:50 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...	14.969	2139077	18.102 ug/ml
Target Compounds			
1) N-OCTANE	1.990	1999433	16.666 ug/ml
2) N-DECANE	4.510	2234927	17.838 ug/ml
3) N-DODECANE	6.677	2286854	17.861 ug/ml
4) N-TETRADECANE	8.505	2313481	17.969 ug/ml
5) N-HEXADECANE	10.113	2385543	18.133 ug/ml
6) N-OCTADECANE	11.558	2384250	18.097 ug/ml
7) N-EICOSANE	12.868	2373478	18.216 ug/ml
8) N-DOCOSANE	14.068	2289693	18.225 ug/ml
10) N-TETRACOSANE	15.173	2285983	18.385 ug/ml
11) N-HEXACOSANE	16.195	2271343	18.779 ug/ml
12) N-OCTACOSANE	17.148	2292670	19.326 ug/ml
13) N-TRIACONTANE	18.037	2368702	20.181 ug/ml
14) N-DOTRIACONTANE	18.871	2380962	20.996 ug/ml
15) N-TETRATRIACONTANE	19.655	2026534	20.674 ug/ml
16) N-HEXATRIACONTANE	20.395	1677627	20.847 ug/ml
17) N-OCTATRIACONTANE	21.126	1509754	20.273 ug/mlm
18) N-TETRACONTANE	22.016	1641237	21.017 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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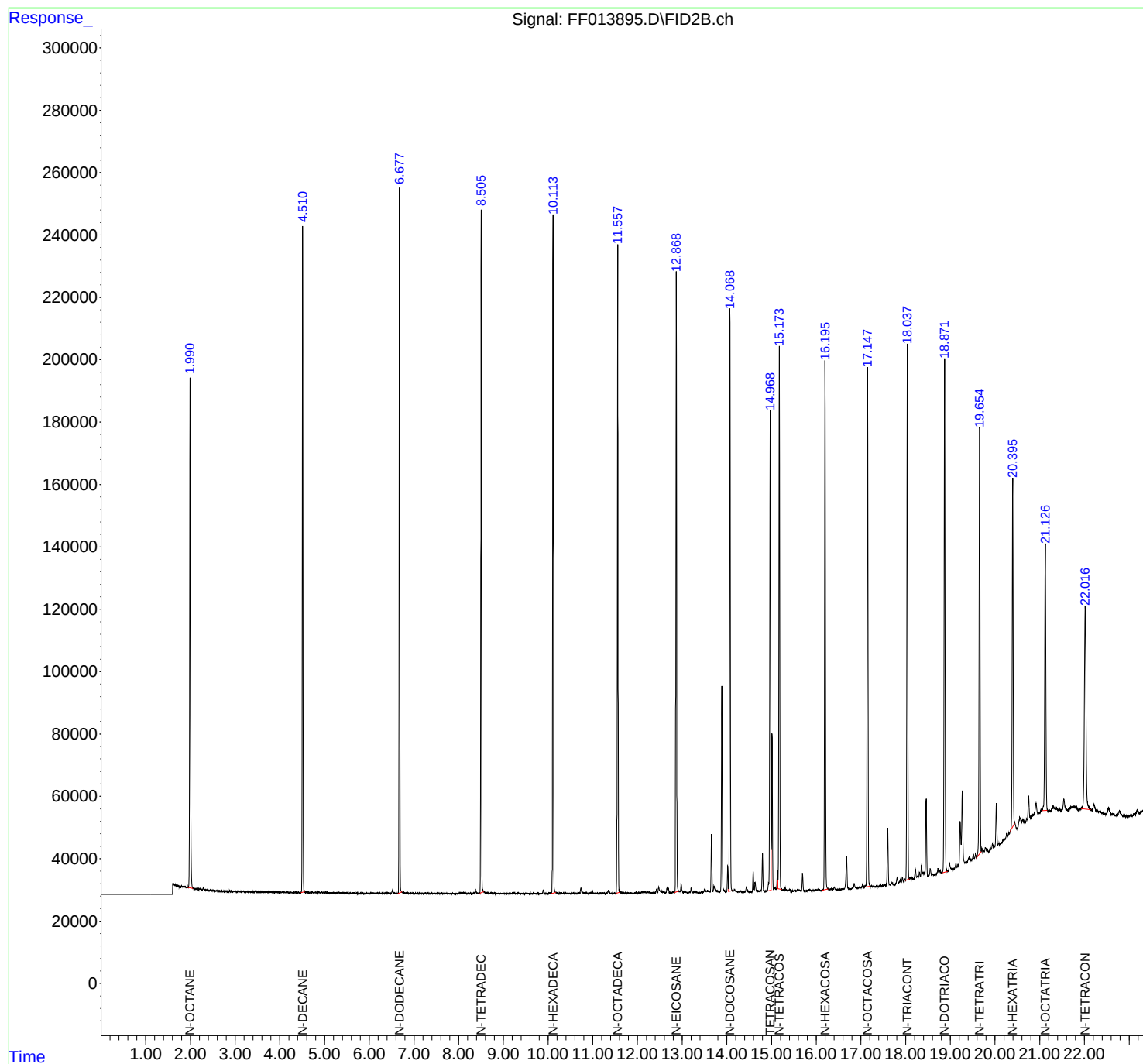
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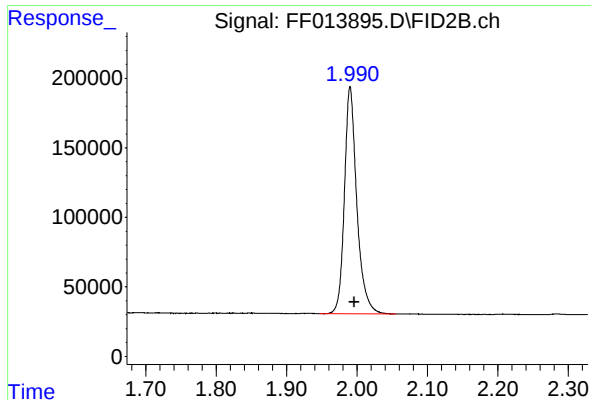
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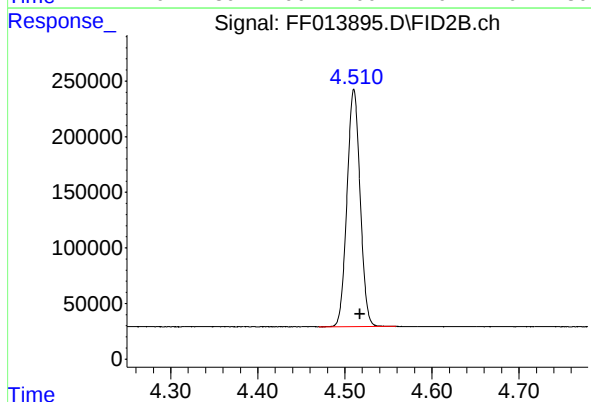
#1 N-OCTANE

R.T.: 1.990 min
Delta R.T.: -0.006 min
Response: 1999433
Conc: 16.67 ug/ml

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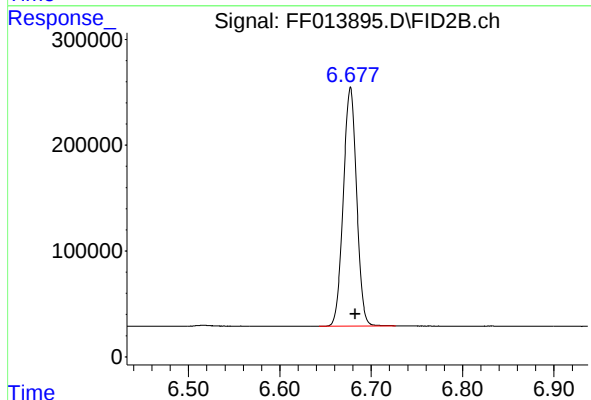
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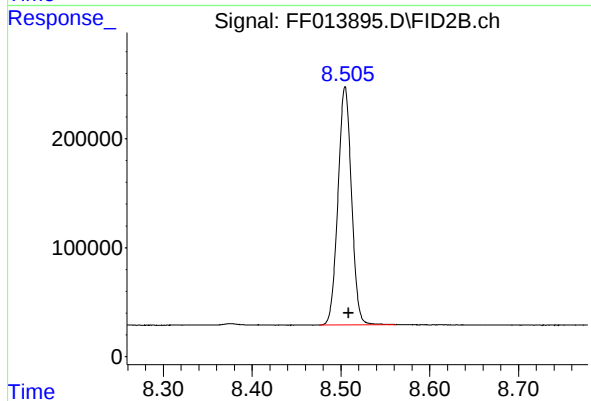
#2 N-DECANE

R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 2234927
Conc: 17.84 ug/ml



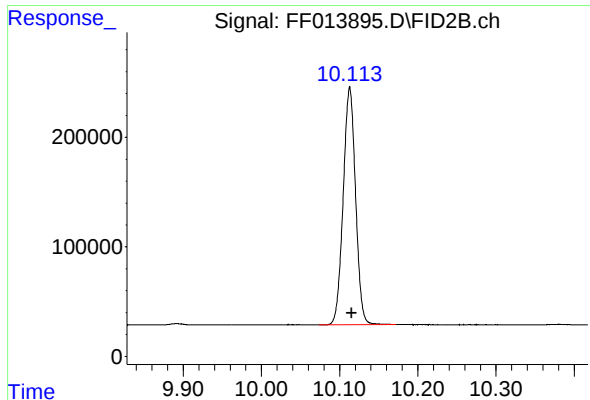
#3 N-DODECANE

R.T.: 6.677 min
Delta R.T.: -0.005 min
Response: 2286854
Conc: 17.86 ug/ml



#4 N-TETRADECANE

R.T.: 8.505 min
Delta R.T.: -0.004 min
Response: 2313481
Conc: 17.97 ug/ml



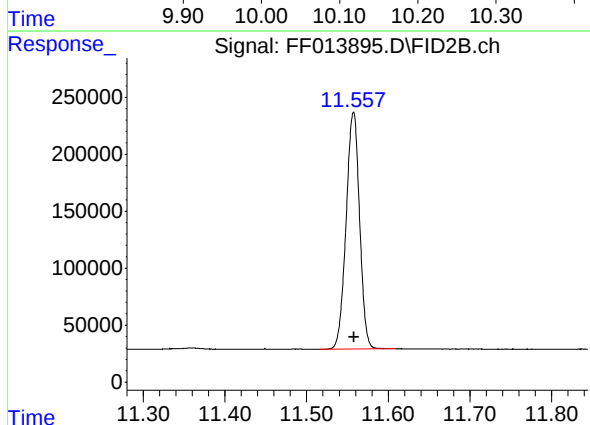
#5 N-HEXADECANE

R.T.: 10.113 min
Delta R.T.: -0.002 min
Response: 2385543
Conc: 18.13 ug/ml

Instrument :
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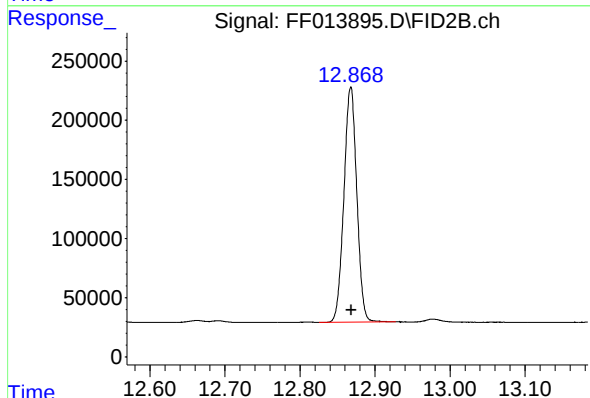
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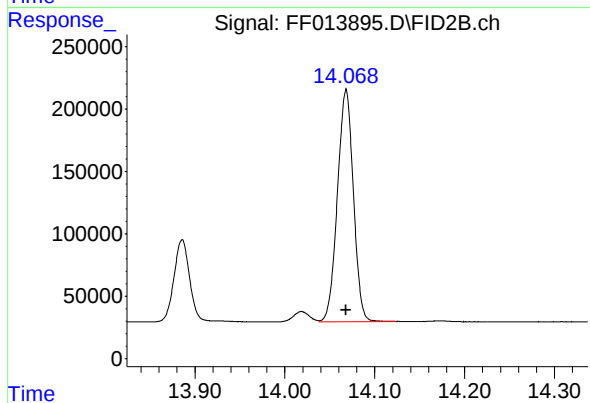
#6 N-OCTADECANE

R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 2384250
Conc: 18.10 ug/ml



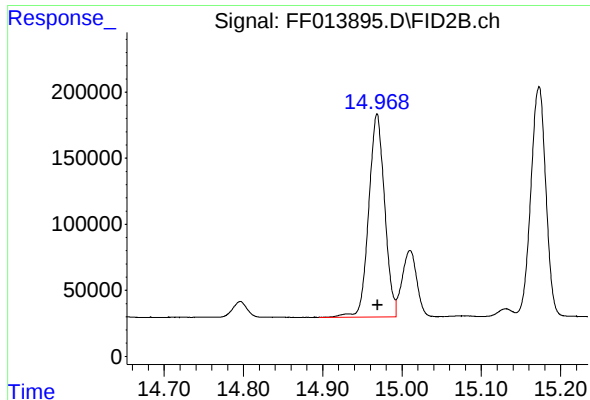
#7 N-EICOSANE

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 2373478
Conc: 18.22 ug/ml



#8 N-DOCOSANE

R.T.: 14.068 min
Delta R.T.: 0.000 min
Response: 2289693
Conc: 18.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.969 min
Delta R.T.: 0.000 min
Response: 2139077
Conc: 18.10 ug/ml

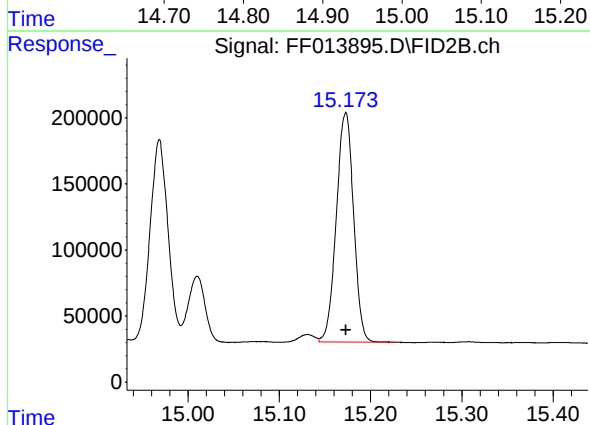
Instrument :

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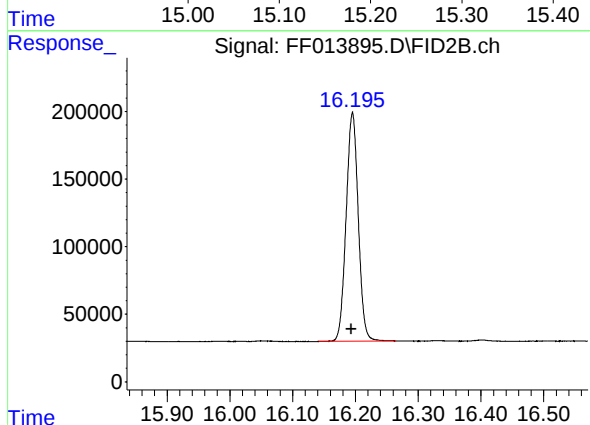
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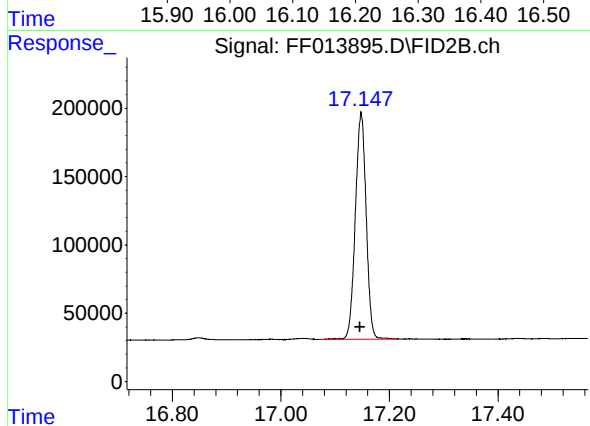
#10 N-TETRACOSANE

R.T.: 15.173 min
Delta R.T.: 0.000 min
Response: 2285983
Conc: 18.39 ug/ml



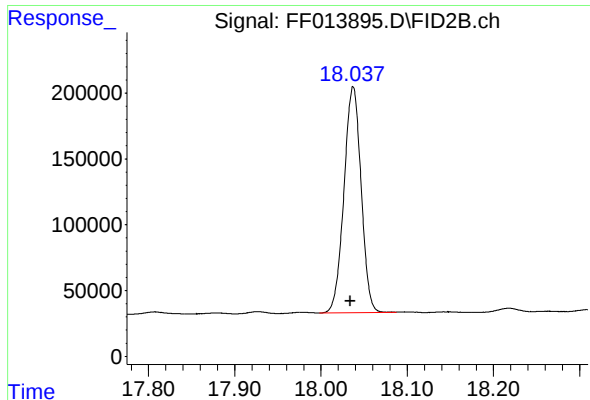
#11 N-HEXACOSANE

R.T.: 16.195 min
Delta R.T.: 0.002 min
Response: 2271343
Conc: 18.78 ug/ml



#12 N-OCTACOSANE

R.T.: 17.148 min
Delta R.T.: 0.002 min
Response: 2292670
Conc: 19.33 ug/ml



#13 N-TRIACONTANE

R.T.: 18.037 min
Delta R.T.: 0.003 min
Response: 2368702
Conc: 20.18 ug/ml

Instrument :

FID_F

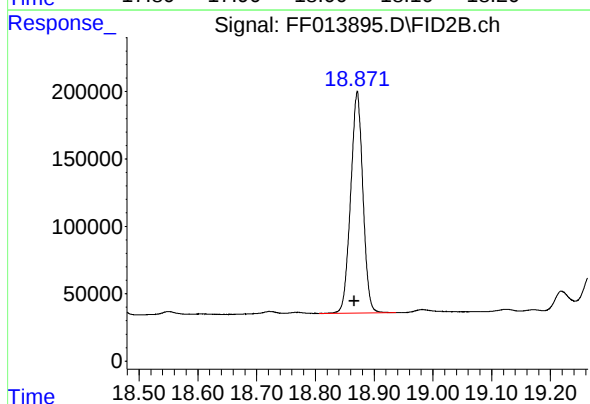
ClientSampleId :

PB157845BS

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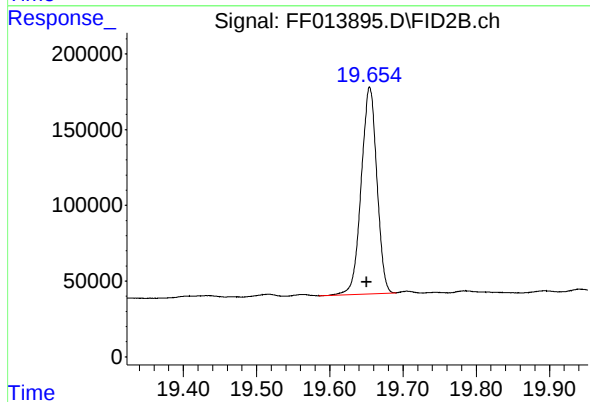
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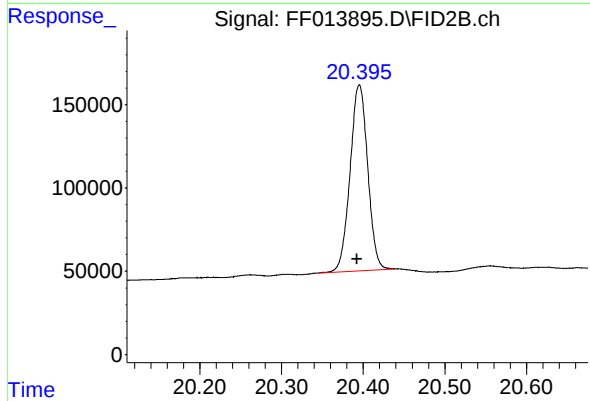
#14 N-DOTRIACONTANE

R.T.: 18.871 min
Delta R.T.: 0.005 min
Response: 2380962
Conc: 21.00 ug/ml



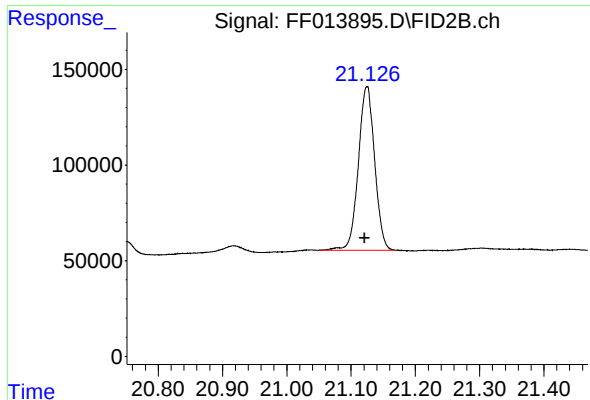
#15 N-TETRATRIACONTANE

R.T.: 19.655 min
Delta R.T.: 0.004 min
Response: 2026534
Conc: 20.67 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.395 min
Delta R.T.: 0.003 min
Response: 1677627
Conc: 20.85 ug/ml



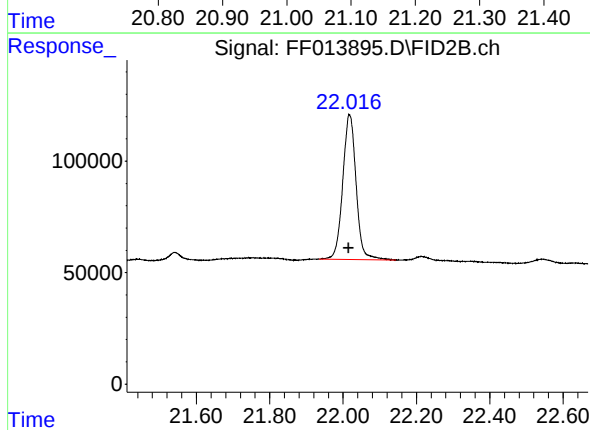
#17 N-OCTATRIACONTANE

R.T.: 21.126 min
Delta R.T.: 0.005 min
Response: 1509754
Conc: 20.27 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.016 min
Delta R.T.: 0.000 min
Response: 1641237
Conc: 21.02 ug/ml m