

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102524\
 Data File : FF014799.D
 Signal(s) : FID2B.ch
 Acq On : 25 Oct 2024 20:41
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 04:05:35 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...	15.020	6049826	45.971 ug/ml
Target Compounds			
1) N-OCTANE	2.049	6594862	47.400 ug/ml
2) N-DECANE	4.575	7169971	50.191 ug/ml
3) N-DODECANE	6.739	7196331	49.591 ug/ml
4) N-TETRADECANE	8.564	7152038	48.791 ug/ml
5) N-HEXADECANE	10.170	7106577	48.360 ug/ml
6) N-OCTADECANE	11.613	7150274	47.628 ug/ml
7) N-EICOSANE	12.923	7146548	47.109 ug/ml
8) N-DOCOSANE	14.121	6850161	46.552 ug/ml
10) N-TETRACOSANE	15.224	6773583	46.089 ug/ml
11) N-HEXACOSANE	16.244	6624023	45.351 ug/ml
12) N-OCTACOSANE	17.194	6566333	45.445 ug/ml
13) N-TRIACONTANE	18.081	6735616	46.011 ug/ml
14) N-DOTRIACONTANE	18.914	6744020	46.877 ug/ml
15) N-TETRATRIACONTANE	19.697	6384220	46.551 ug/ml
16) N-HEXATRIACONTANE	20.436	6041323	46.568 ug/ml
17) N-OCTATRIACONTANE	21.172	5764722	50.121 ug/ml
18) N-TETRACONTANE	22.083	5514975	52.526 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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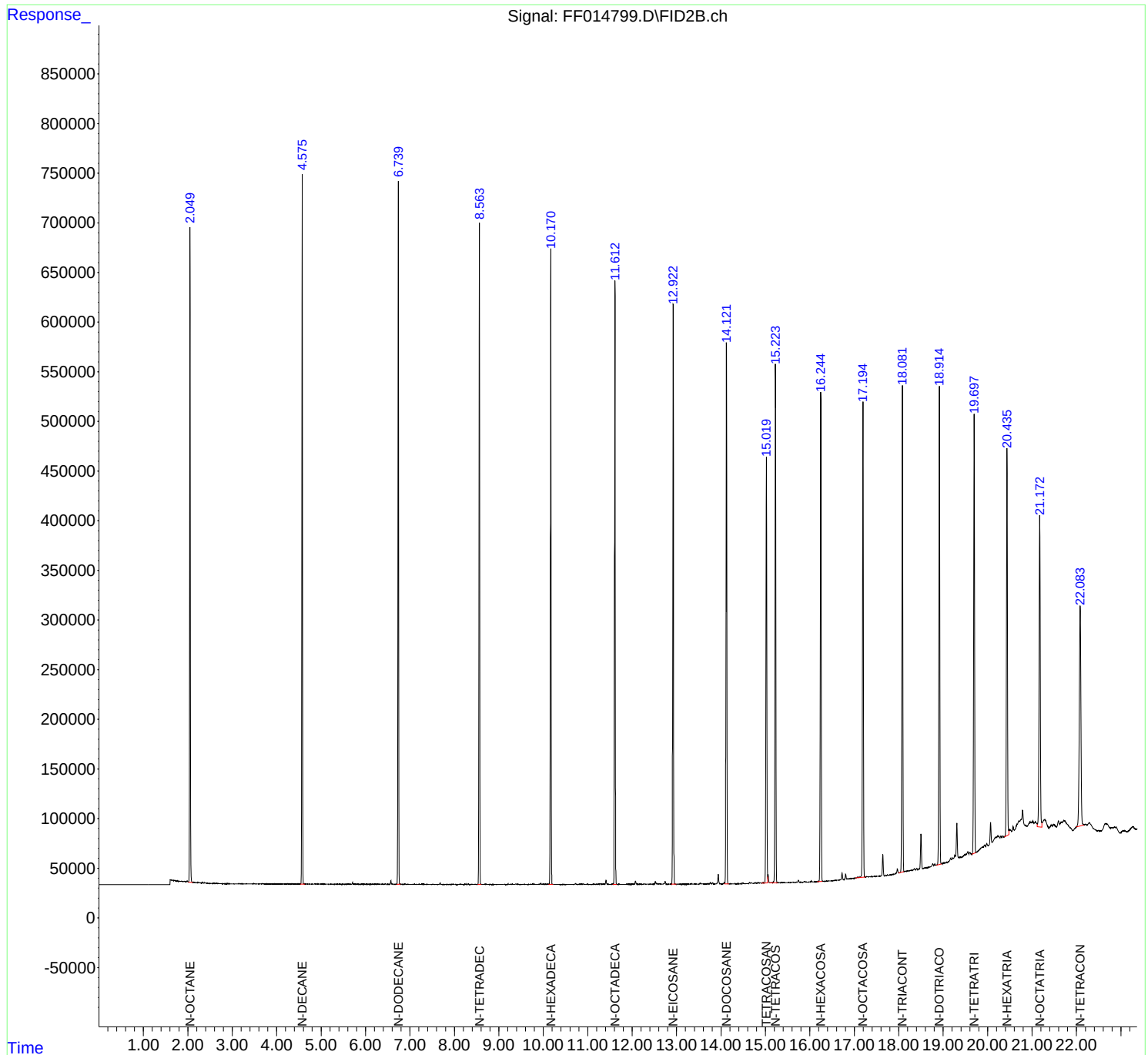
Instrument :
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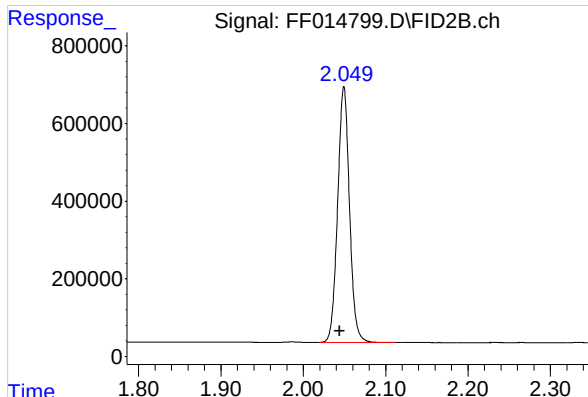
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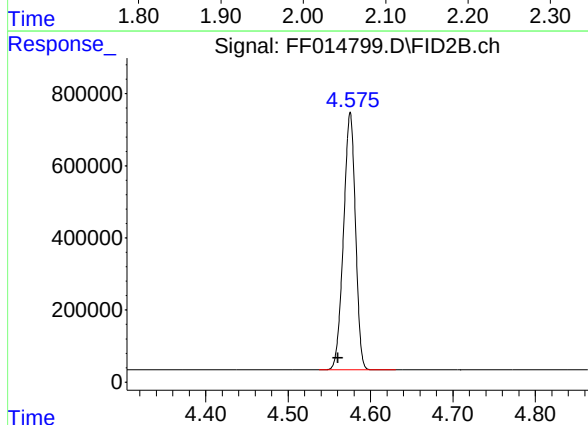
#1 N-OCTANE

R.T.: 2.049 min
Delta R.T.: 0.005 min
Response: 6594862
Conc: 47.40 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

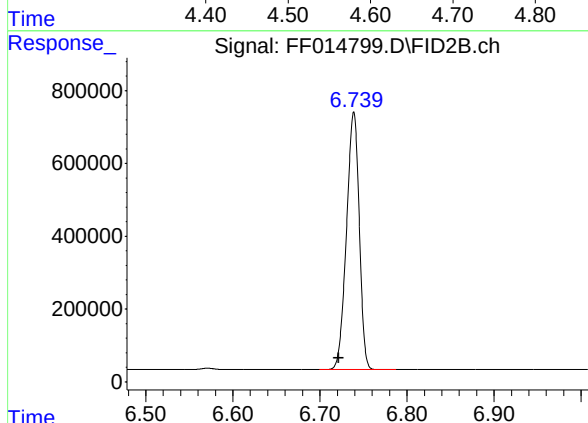
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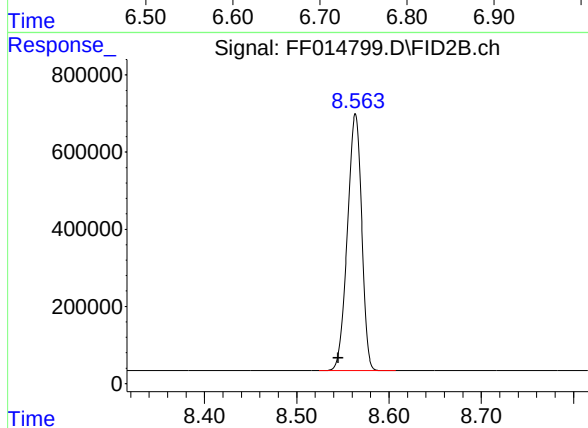
#2 N-DECANE

R.T.: 4.575 min
Delta R.T.: 0.015 min
Response: 7169971
Conc: 50.19 ug/ml



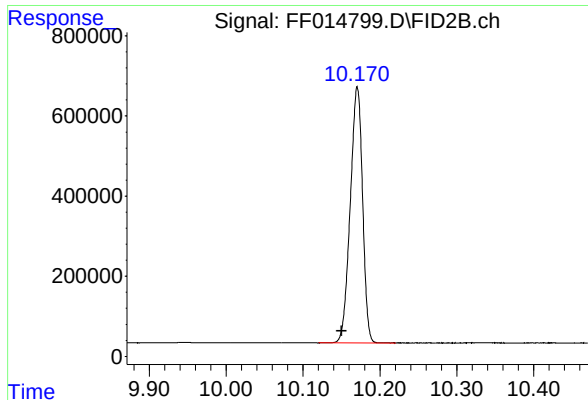
#3 N-DODECANE

R.T.: 6.739 min
Delta R.T.: 0.017 min
Response: 7196331
Conc: 49.59 ug/ml



#4 N-TETRADECANE

R.T.: 8.564 min
Delta R.T.: 0.019 min
Response: 7152038
Conc: 48.79 ug/ml



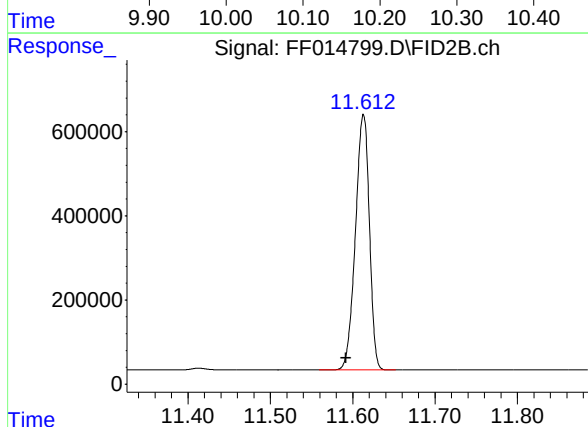
#5 N-HEXADECANE

R.T.: 10.170 min
Delta R.T.: 0.020 min
Response: 7106577
Conc: 48.36 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

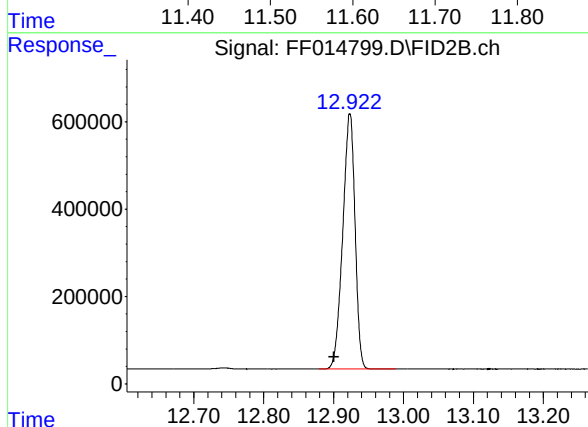
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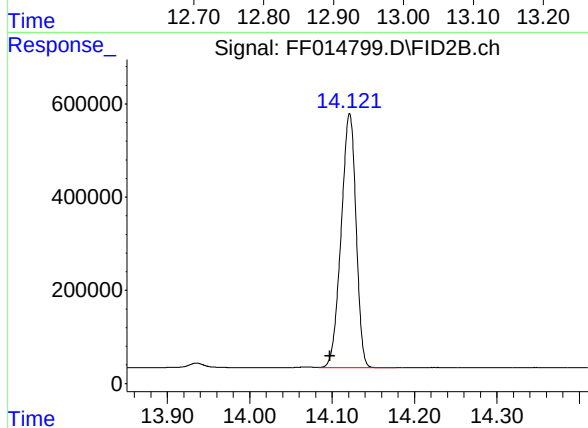
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: 0.021 min
Response: 7150274
Conc: 47.63 ug/ml



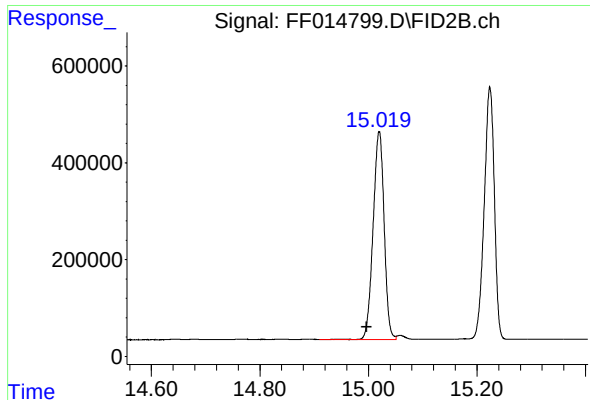
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.022 min
Response: 7146548
Conc: 47.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.121 min
Delta R.T.: 0.024 min
Response: 6850161
Conc: 46.55 ug/ml



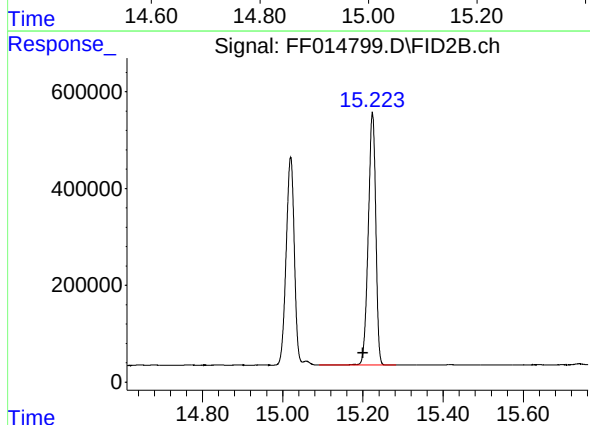
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.020 min
Delta R.T.: 0.023 min
Response: 6049826
Conc: 45.97 ug/ml

Instrument :
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50 PPM TRPH STD

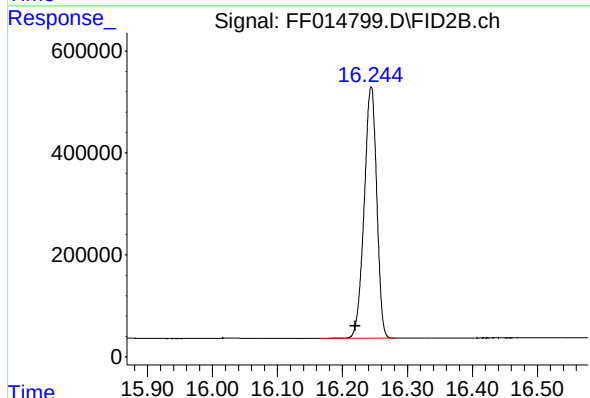
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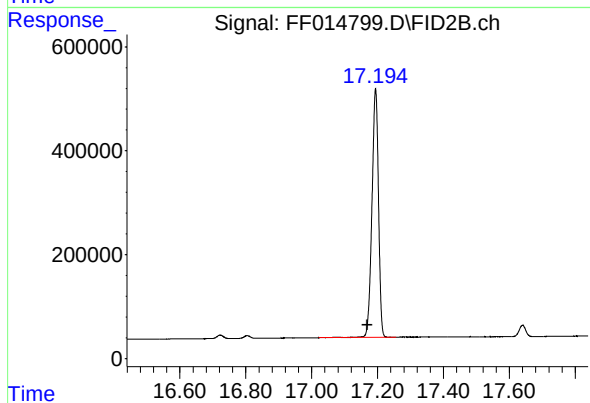
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: 0.024 min
Response: 6773583
Conc: 46.09 ug/ml



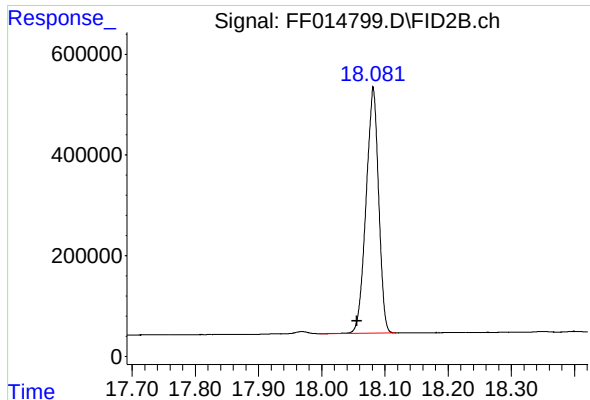
#11 N-HEXACOSANE

R.T.: 16.244 min
Delta R.T.: 0.024 min
Response: 6624023
Conc: 45.35 ug/ml



#12 N-OCTACOSANE

R.T.: 17.194 min
Delta R.T.: 0.025 min
Response: 6566333
Conc: 45.44 ug/ml



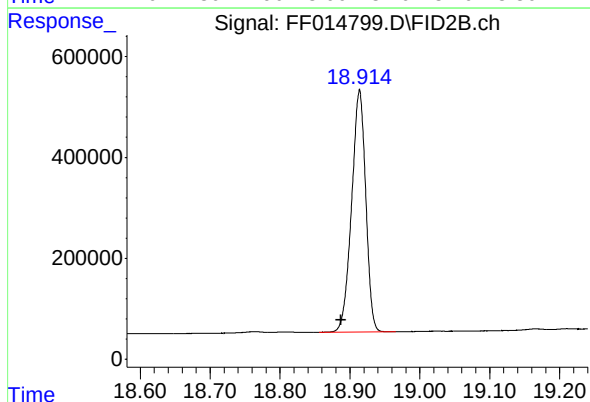
#13 N-TRIACONTANE

R.T.: 18.081 min
Delta R.T.: 0.026 min
Response: 6735616
Conc: 46.01 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

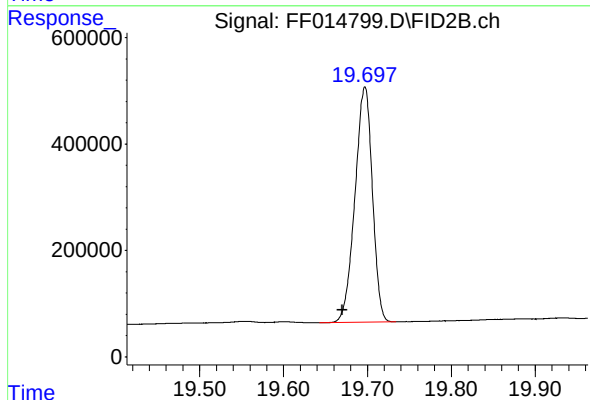
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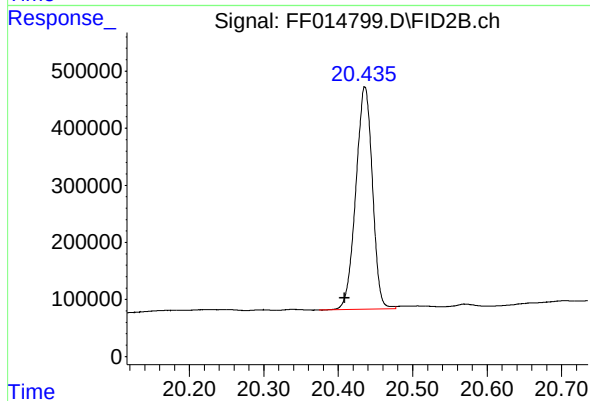
#14 N-DOTRIACONTANE

R.T.: 18.914 min
Delta R.T.: 0.027 min
Response: 6744020
Conc: 46.88 ug/ml



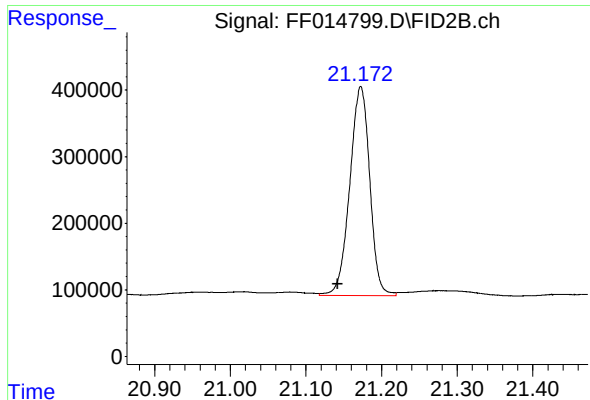
#15 N-TETRATRIACONTANE

R.T.: 19.697 min
Delta R.T.: 0.027 min
Response: 6384220
Conc: 46.55 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.436 min
Delta R.T.: 0.027 min
Response: 6041323
Conc: 46.57 ug/ml



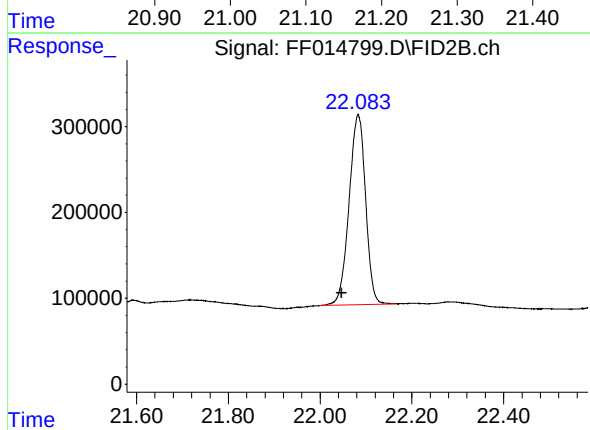
#17 N-OCTATRIACONTANE

R.T.: 21.172 min
Delta R.T.: 0.031 min
Response: 5764722
Conc: 50.12 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.083 min
Delta R.T.: 0.036 min
Response: 5514975
Conc: 52.53 ug/ml m