

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102524\
 Data File : FF014795.D
 Signal(s) : FID2B.ch
 Acq On : 25 Oct 2024 18:17
 Operator : YP\AJ
 Sample : P4509-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 AU-06-10232024MSD

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 04:05:01 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	1209331	9.189 ug/ml
Target Compounds			
1) N-OCTANE	2.048	1663368	11.955 ug/ml
2) N-DECANE	4.575	2292036	16.045 ug/ml
3) N-DODECANE	6.738	2756936	18.998 ug/ml
4) N-TETRADECANE	8.564	2957375	20.175 ug/ml
5) N-HEXADECANE	10.170	2861430	19.472 ug/ml
6) N-OCTADECANE	11.612	2886446	19.227 ug/mlm
7) N-EICOSANE	12.923	2851035	18.794 ug/ml
8) N-DOCOSANE	14.121	2818751	19.156 ug/ml
10) N-TETRACOSANE	15.224	3377614	22.982 ug/ml
11) N-HEXACOSANE	16.246	2657629	18.195 ug/ml
12) N-OCTACOSANE	17.196	2729599	18.891 ug/ml
13) N-TRIACONTANE	18.085	2500211	17.079 ug/mlm
14) N-DOTRIACONTANE	18.918	2287199	15.898 ug/ml
15) N-TETRATRIACONTANE	19.701	1332108	9.713 ug/ml
16) N-HEXATRIACONTANE	20.442	933506	7.196 ug/mlm
17) N-OCTATRIACONTANE	21.178	2314346	20.122 ug/mlm
18) N-TETRACONTANE	22.094	1731479	16.491 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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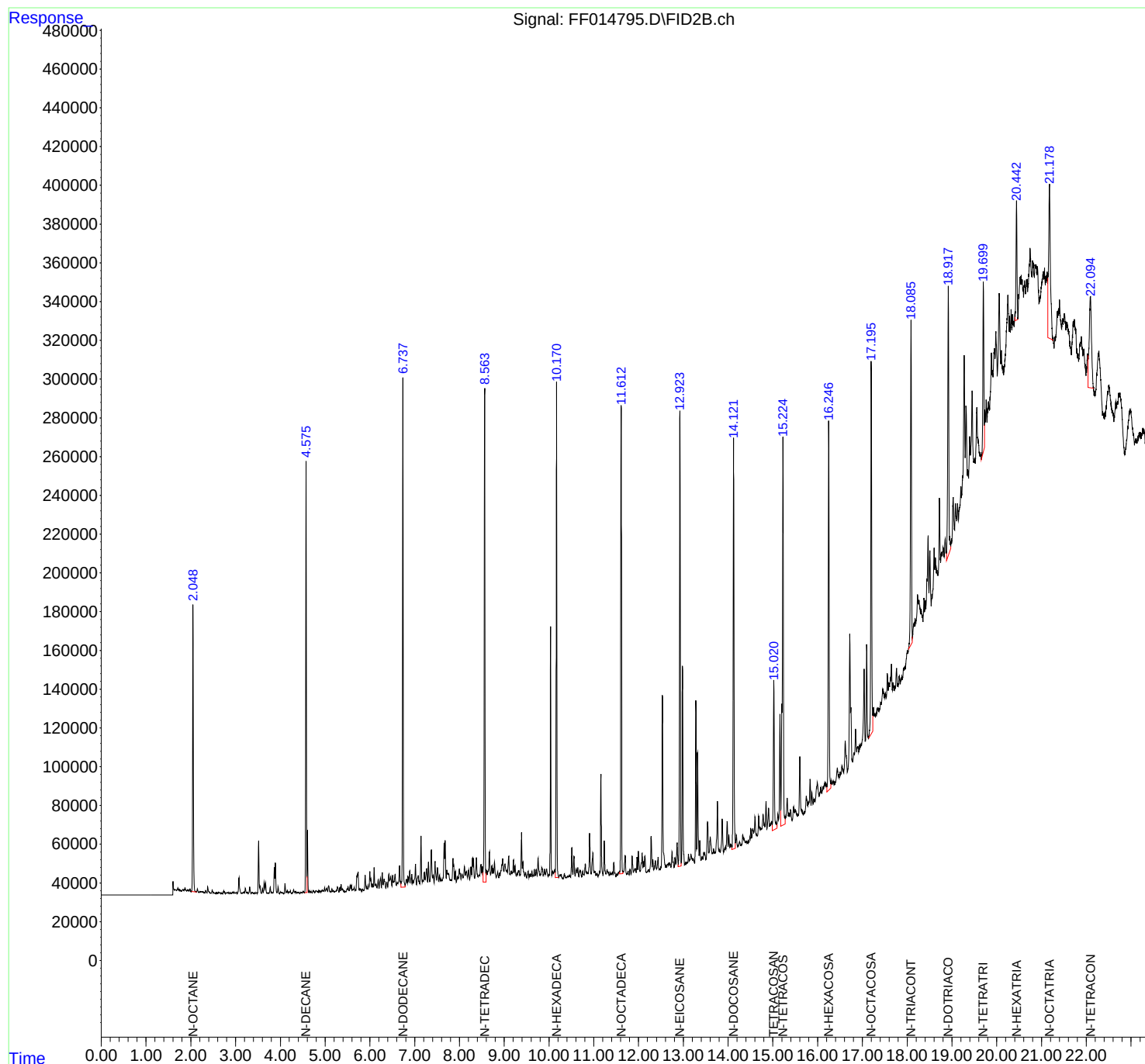
APPROVED

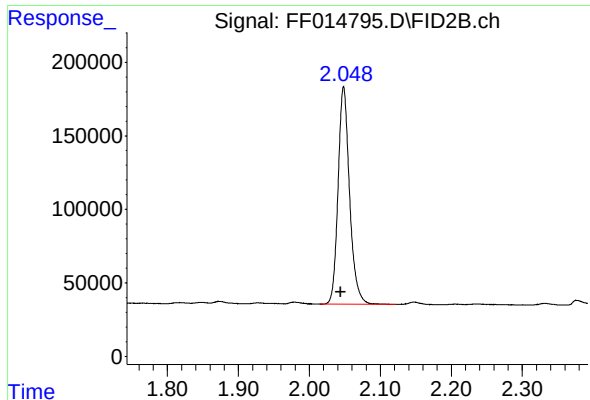
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.048 min
Delta R.T.: 0.004 min
Response: 1663368
Conc: 11.96 ug/ml

Instrument :

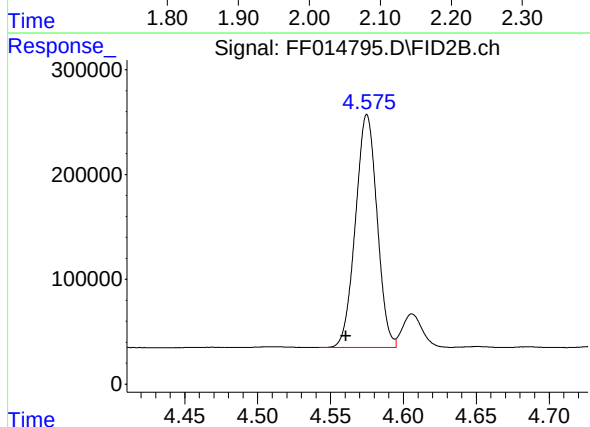
FID_F

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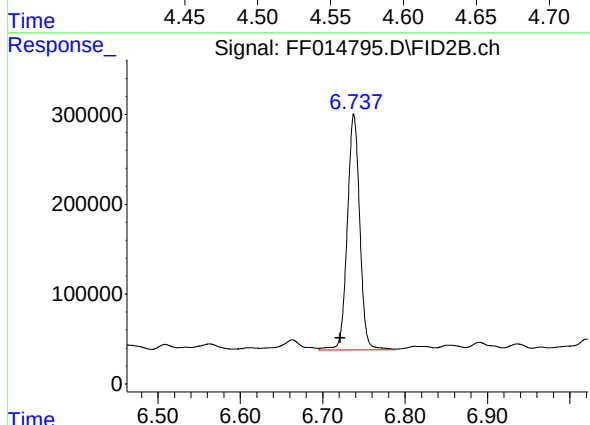
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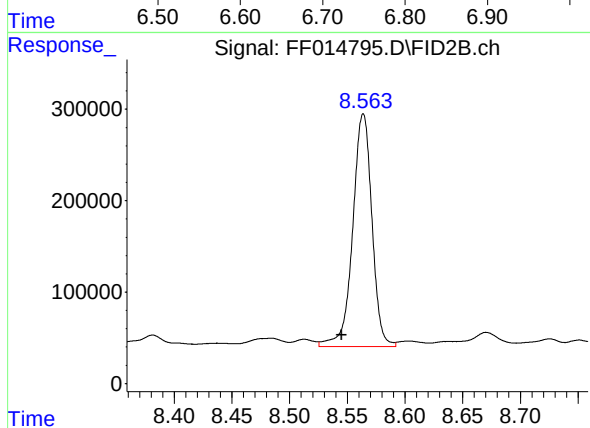
#2 N-DECANE

R.T.: 4.575 min
Delta R.T.: 0.014 min
Response: 2292036
Conc: 16.04 ug/ml



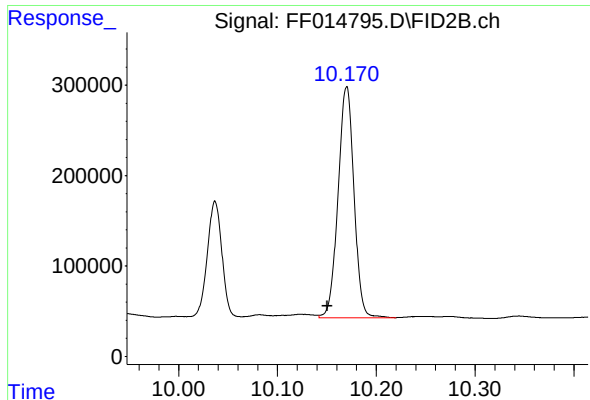
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: 0.016 min
Response: 2756936
Conc: 19.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.564 min
Delta R.T.: 0.019 min
Response: 2957375
Conc: 20.18 ug/ml



#5 N-HEXADECANE

R.T.: 10.170 min
Delta R.T.: 0.019 min
Response: 2861430
Conc: 19.47 ug/ml

Instrument :

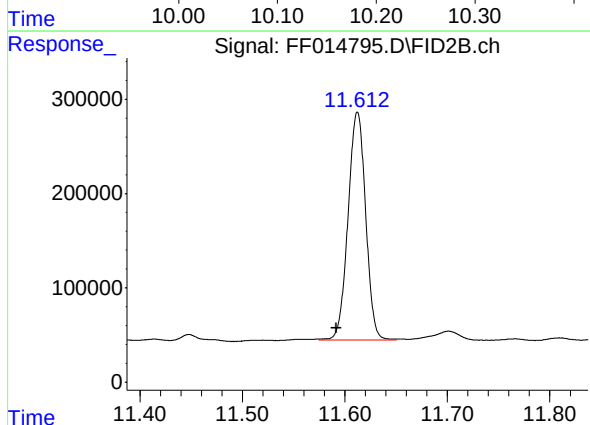
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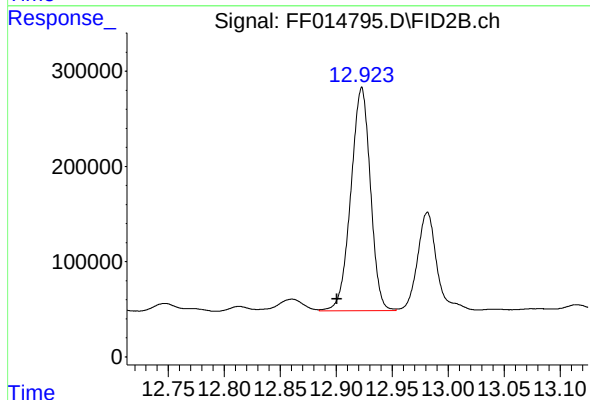
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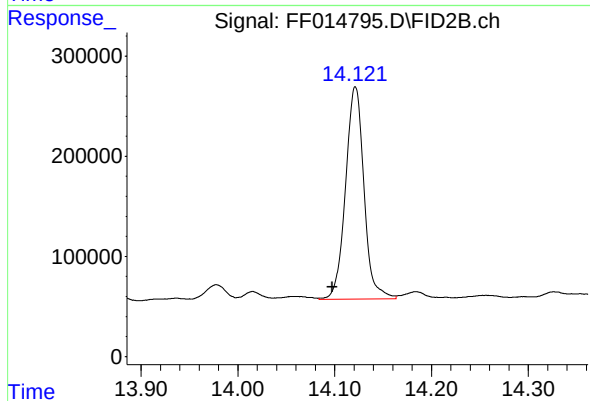
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: 0.020 min
Response: 2886446
Conc: 19.23 ug/ml m



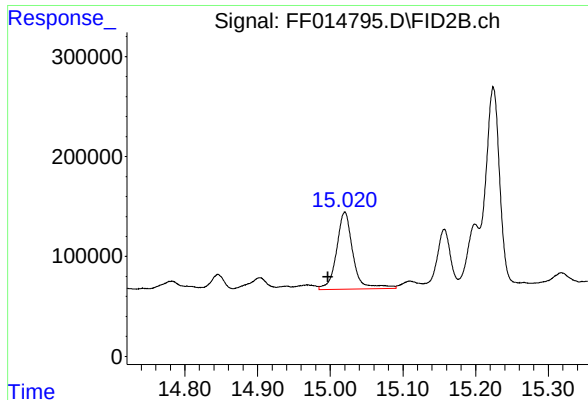
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.022 min
Response: 2851035
Conc: 18.79 ug/ml



#8 N-DOCOSANE

R.T.: 14.121 min
Delta R.T.: 0.024 min
Response: 2818751
Conc: 19.16 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.020 min
Delta R.T.: 0.023 min
Response: 1209331
Conc: 9.19 ug/ml

Instrument :

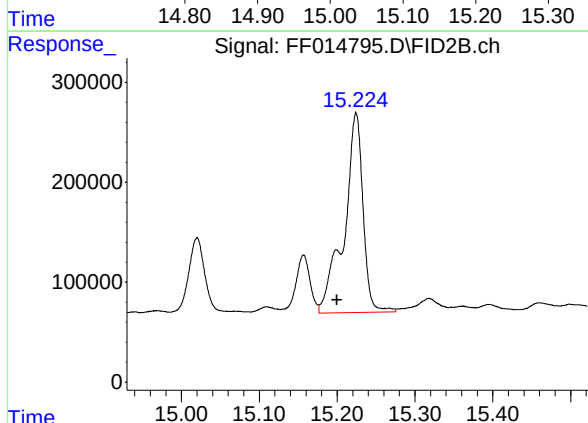
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ClientSampleId :

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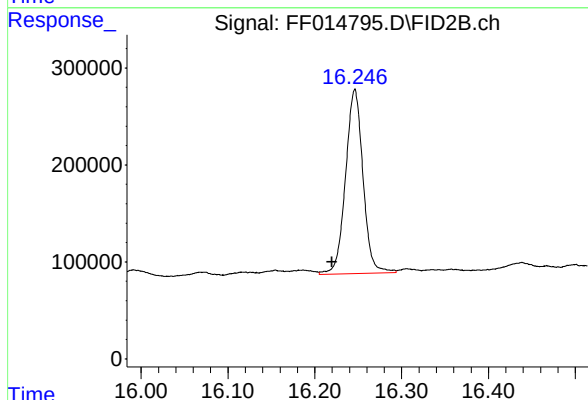
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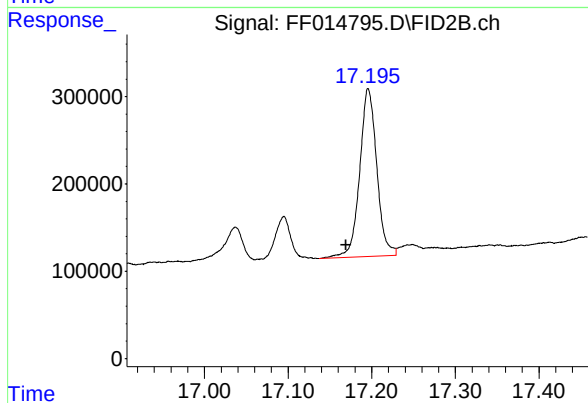
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: 0.025 min
Response: 3377614
Conc: 22.98 ug/ml



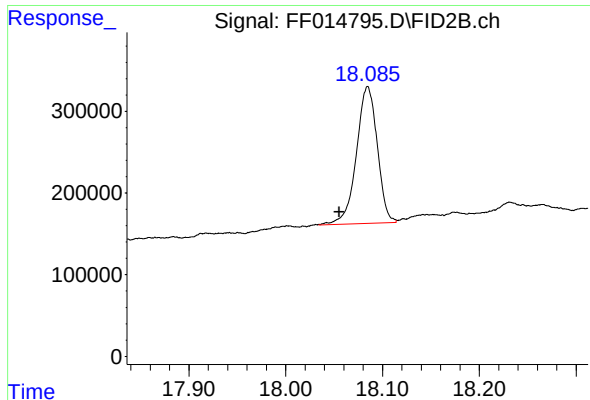
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: 0.026 min
Response: 2657629
Conc: 18.20 ug/ml



#12 N-OCTACOSANE

R.T.: 17.196 min
Delta R.T.: 0.027 min
Response: 2729599
Conc: 18.89 ug/ml



#13 N-TRIACONTANE

R.T.: 18.085 min
Delta R.T.: 0.029 min
Response: 2500211
Conc: 17.08 ug/ml

Instrument :

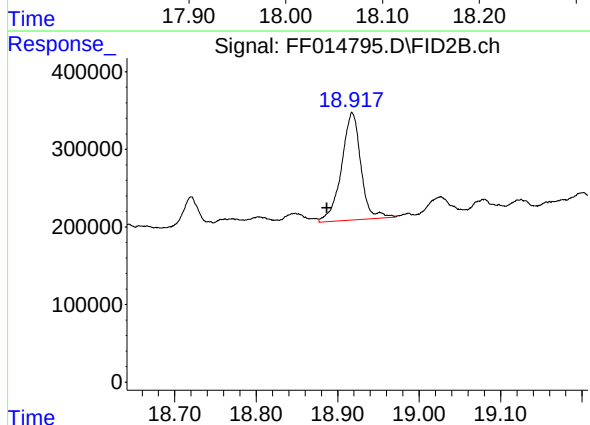
FID_F

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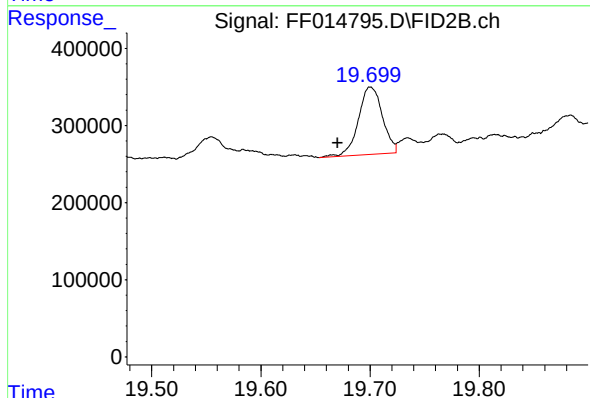
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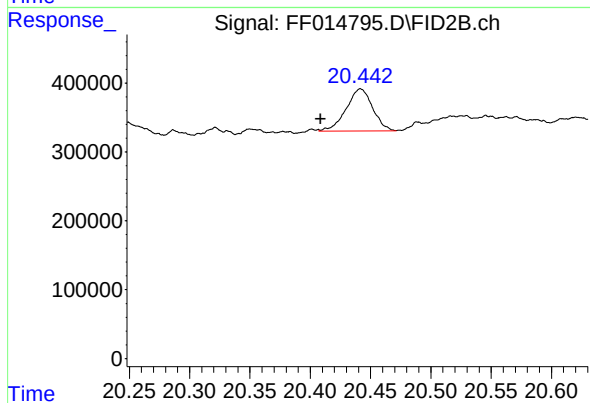
#14 N-DOTRIACONTANE

R.T.: 18.918 min
Delta R.T.: 0.031 min
Response: 2287199
Conc: 15.90 ug/ml



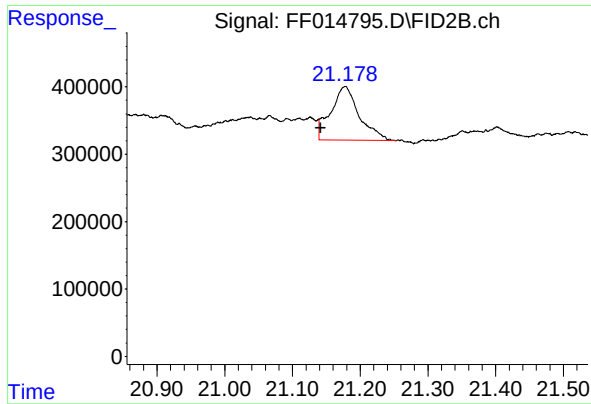
#15 N-TETRATRIACONTANE

R.T.: 19.701 min
Delta R.T.: 0.030 min
Response: 1332108
Conc: 9.71 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.442 min
Delta R.T.: 0.033 min
Response: 933506
Conc: 7.20 ug/ml m



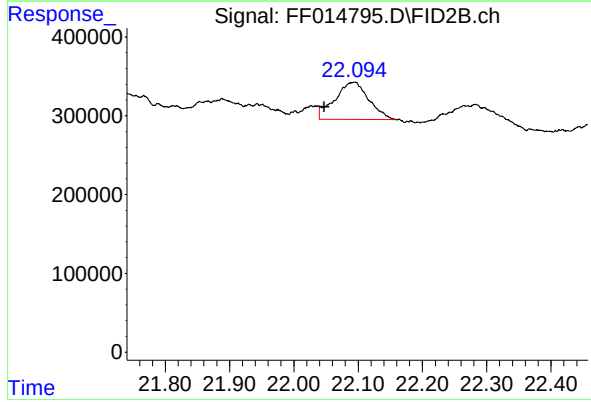
#17 N-OCTATRIACONTANE

R.T.: 21.178 min
Delta R.T.: 0.036 min
Response: 2314346
Conc: 20.12 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.094 min
Delta R.T.: 0.047 min
Response: 1731479
Conc: 16.49 ug/ml m