

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102524\
 Data File : FF014794.D
 Signal(s) : FID2B.ch
 Acq On : 25 Oct 2024 17:48
 Operator : YP\AJ
 Sample : P4509-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

AU-06-10232024MS

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 04:04:52 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	1213103	9.218 ug/ml
Target Compounds			
1) N-OCTANE	2.048	1740573	12.510 ug/ml
2) N-DECANE	4.575	2391035	16.738 ug/ml
3) N-DODECANE	6.738	2873691	19.803 ug/ml
4) N-TETRADECANE	8.564	3085501	21.049 ug/ml
5) N-HEXADECANE	10.170	3007738	20.468 ug/ml
6) N-OCTADECANE	11.613	3149631	20.980 ug/ml
7) N-EICOSANE	12.923	2955248	19.481 ug/ml
8) N-DOCOSANE	14.121	2946469	20.024 ug/ml
10) N-TETRACOSANE	15.224	3458850	23.535 ug/ml
11) N-HEXACOSANE	16.246	2733862	18.717 ug/ml
12) N-OCTACOSANE	17.196	2833854	19.613 ug/ml
13) N-TRIACONTANE	18.085	2675772	18.278 ug/mlm
14) N-DOTRIACONTANE	18.918	2638498	18.340 ug/ml
15) N-TETRATRIACONTANE	19.702	1761121	12.841 ug/mlm
16) N-HEXATRIACONTANE	20.441	891609	6.873 ug/mlm
17) N-OCTATRIACONTANE	21.178	1265314	11.001 ug/mlm
18) N-TETRACONTANE	22.088	402831	3.837 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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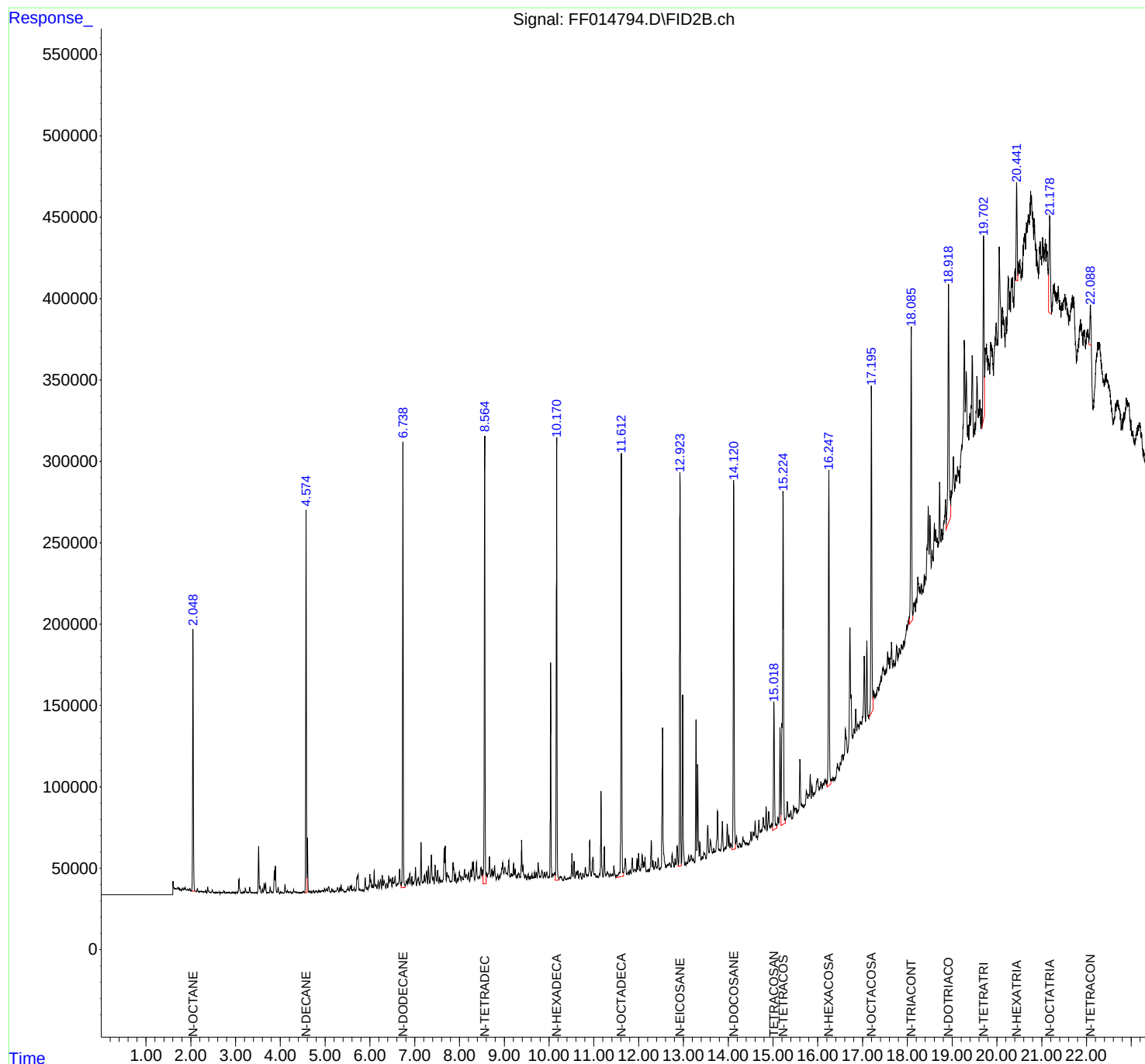
APPROVED

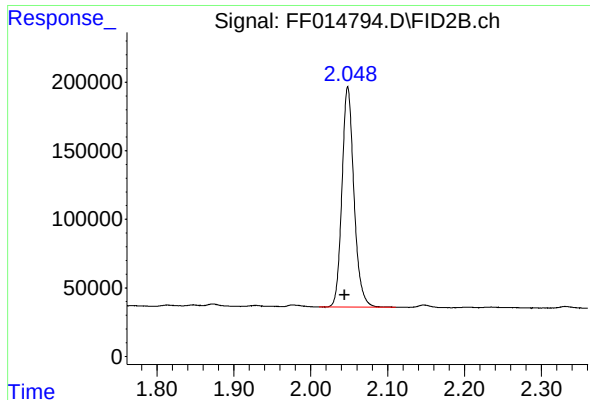
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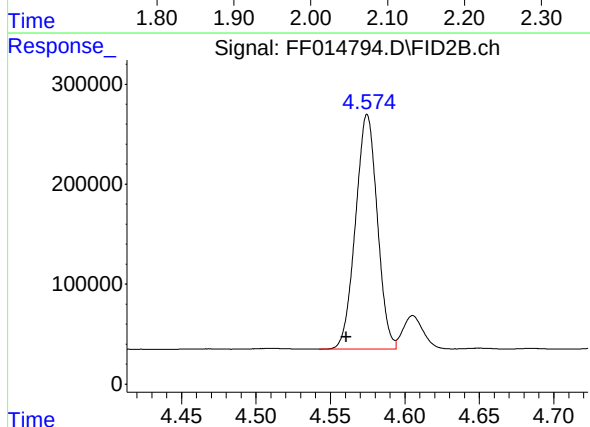
#1 N-OCTANE

R.T.: 2.048 min
Delta R.T.: 0.004 min
Response: 1740573
Conc: 12.51 ug/ml

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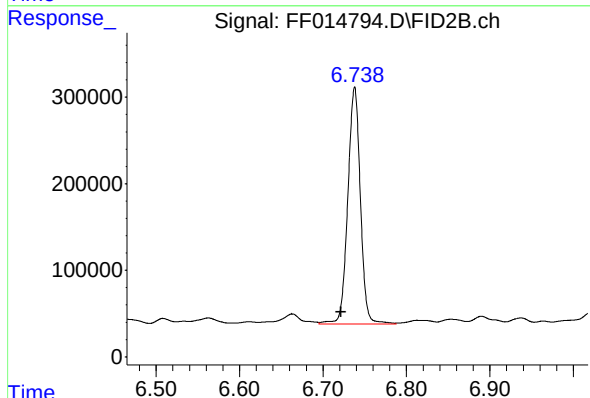
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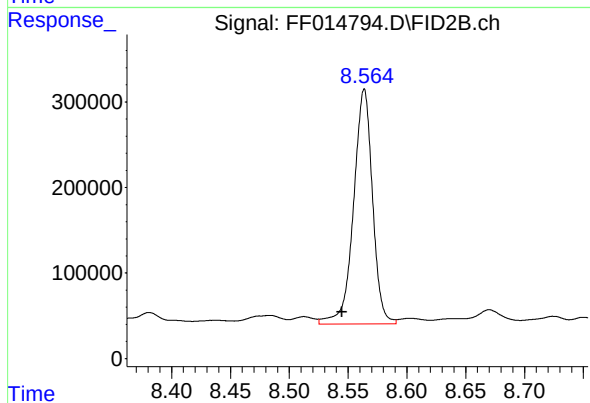
#2 N-DECANE

R.T.: 4.575 min
Delta R.T.: 0.014 min
Response: 2391035
Conc: 16.74 ug/ml



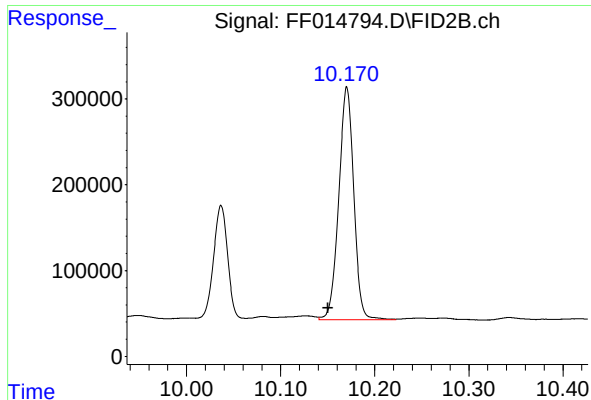
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: 0.016 min
Response: 2873691
Conc: 19.80 ug/ml



#4 N-TETRADECANE

R.T.: 8.564 min
Delta R.T.: 0.019 min
Response: 3085501
Conc: 21.05 ug/ml



#5 N-HEXADECANE

R.T.: 10.170 min
Delta R.T.: 0.020 min
Response: 3007738
Conc: 20.47 ug/ml

Instrument :

FID_F

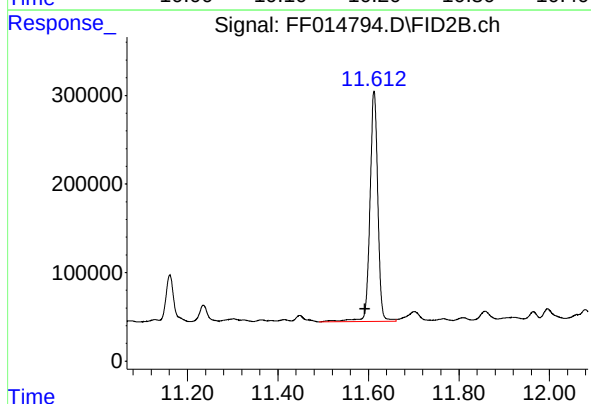
ClientSampleId :

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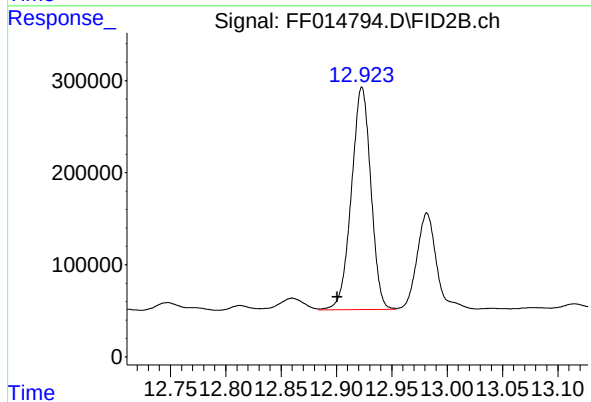
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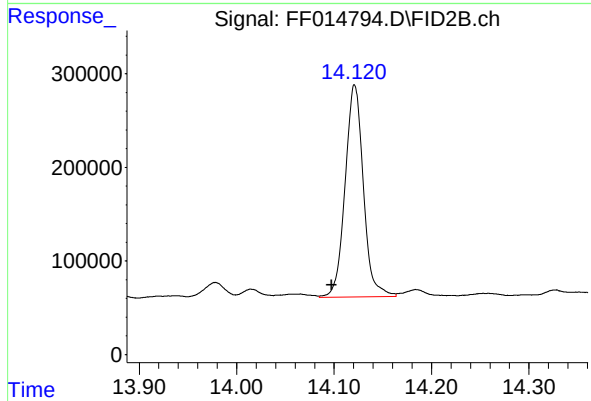
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: 0.021 min
Response: 3149631
Conc: 20.98 ug/ml



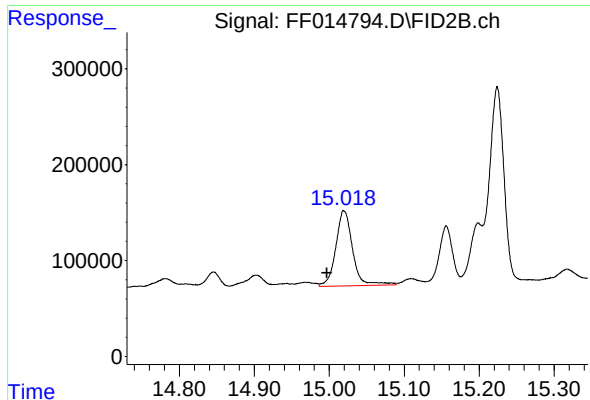
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.022 min
Response: 2955248
Conc: 19.48 ug/ml



#8 N-DOCOSANE

R.T.: 14.121 min
Delta R.T.: 0.024 min
Response: 2946469
Conc: 20.02 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.020 min
Delta R.T.: 0.023 min
Response: 1213103
Conc: 9.22 ug/ml

Instrument :

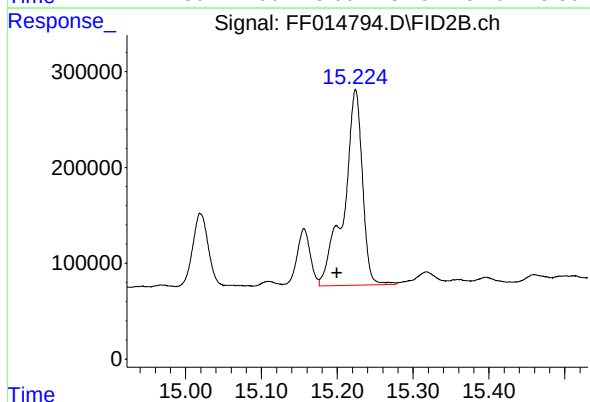
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ClientSampleId :

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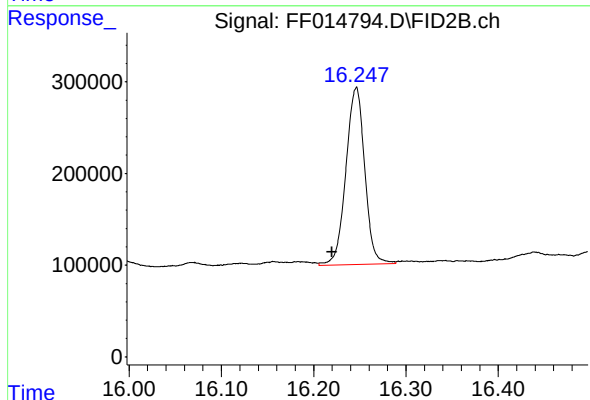
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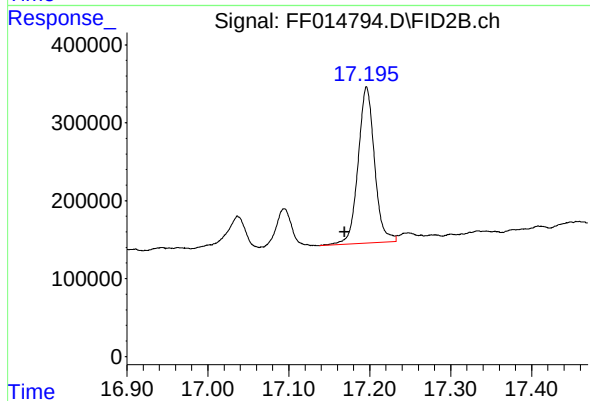
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: 0.024 min
Response: 3458850
Conc: 23.53 ug/ml



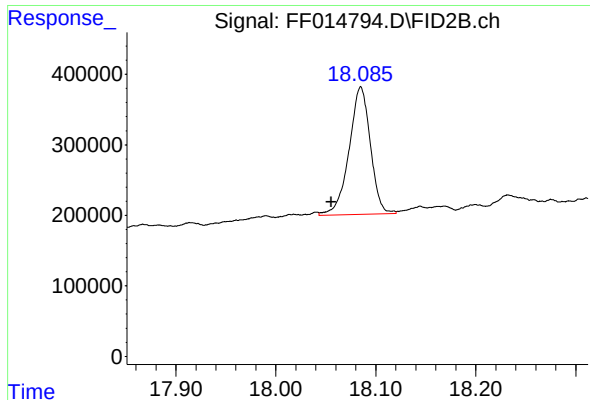
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: 0.026 min
Response: 2733862
Conc: 18.72 ug/ml



#12 N-OCTACOSANE

R.T.: 17.196 min
Delta R.T.: 0.027 min
Response: 2833854
Conc: 19.61 ug/ml



#13 N-TRIACONTANE

R.T.: 18.085 min
Delta R.T.: 0.029 min
Response: 2675772
Conc: 18.28 ug/ml

Instrument :

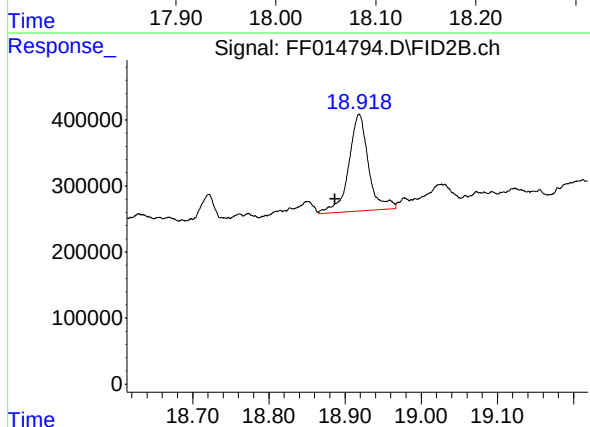
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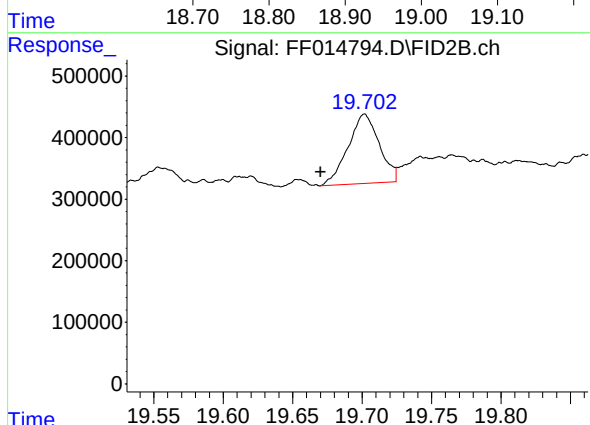
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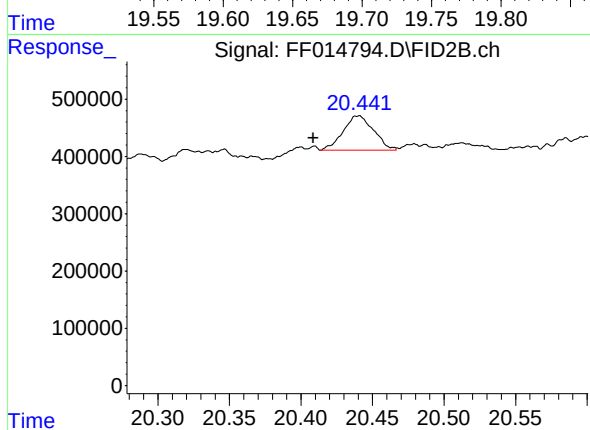
#14 N-DOTRIACONTANE

R.T.: 18.918 min
Delta R.T.: 0.031 min
Response: 2638498
Conc: 18.34 ug/ml



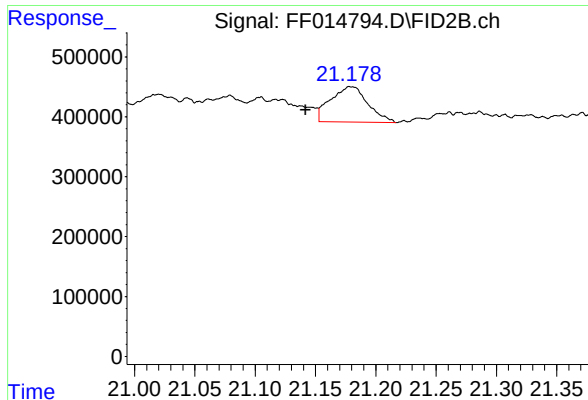
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: 0.031 min
Response: 1761121
Conc: 12.84 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.441 min
Delta R.T.: 0.032 min
Response: 891609
Conc: 6.87 ug/ml m



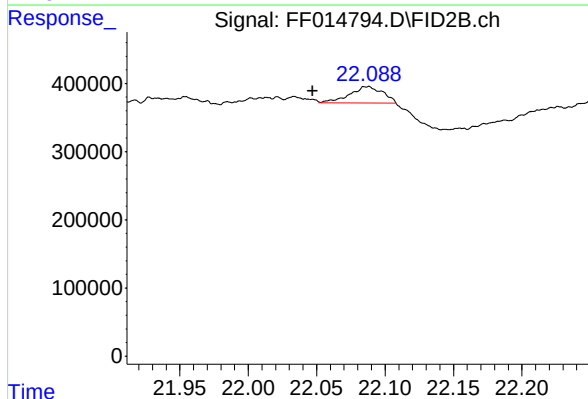
#17 N-OCTATRIACONTANE

R.T.: 21.178 min
Delta R.T.: 0.036 min
Response: 1265314
Conc: 11.00 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.088 min
Delta R.T.: 0.041 min
Response: 402831
Conc: 3.84 ug/ml m