

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051023\
 Data File : FF012595.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2023 13:47
 Operator : YP\AJ
 Sample : 02666-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 BU-02-050823MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/11/2023
 Supervised By :Ankita Jodhani 05/11/2023

Integration File: autoint1.e
 Quant Time: May 11 01:52:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF050523.M
 Quant Title :
 QLast Update : Fri May 05 16:23:08 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...	15.007	1724002	14.281 ug/ml
Target Compounds			
1) N-OCTANE	2.052	1183380	9.094 ug/ml
2) N-DECANE	4.566	2107908	15.791 ug/ml
3) N-DODECANE	6.731	4413222	33.771 ug/ml
4) N-TETRADECANE	8.558	7897475	61.278 ug/ml
5) N-HEXADECANE	10.164	8173034	60.641 ug/ml
6) N-OCTADECANE	11.604	6533257	47.166 ug/ml
7) N-EICOSANE	12.912	5084352	36.728 ug/ml
8) N-DOCOSANE	14.112	3918052	29.247 ug/ml
10) N-TETRACOSANE	15.210	4829438	36.193 ug/ml
11) N-HEXACOSANE	16.230	2596849	20.032 ug/ml
12) N-OCTACOSANE	17.180	2687113	21.204 ug/ml
13) N-TRIACONTANE	18.068	2589367	20.704 ug/mlm
14) N-DOTRIACONTANE	18.902	3004335	25.149 ug/mlm
15) N-TETRATRIACONTANE	19.687	1828076	16.618 ug/mlm
16) N-HEXATRIACONTANE	20.430	1821061	17.501 ug/mlm
17) N-OCTATRIACONTANE	21.168	1661622	16.523 ug/mlm
18) N-TETRACONTANE	22.079	1226505	11.840 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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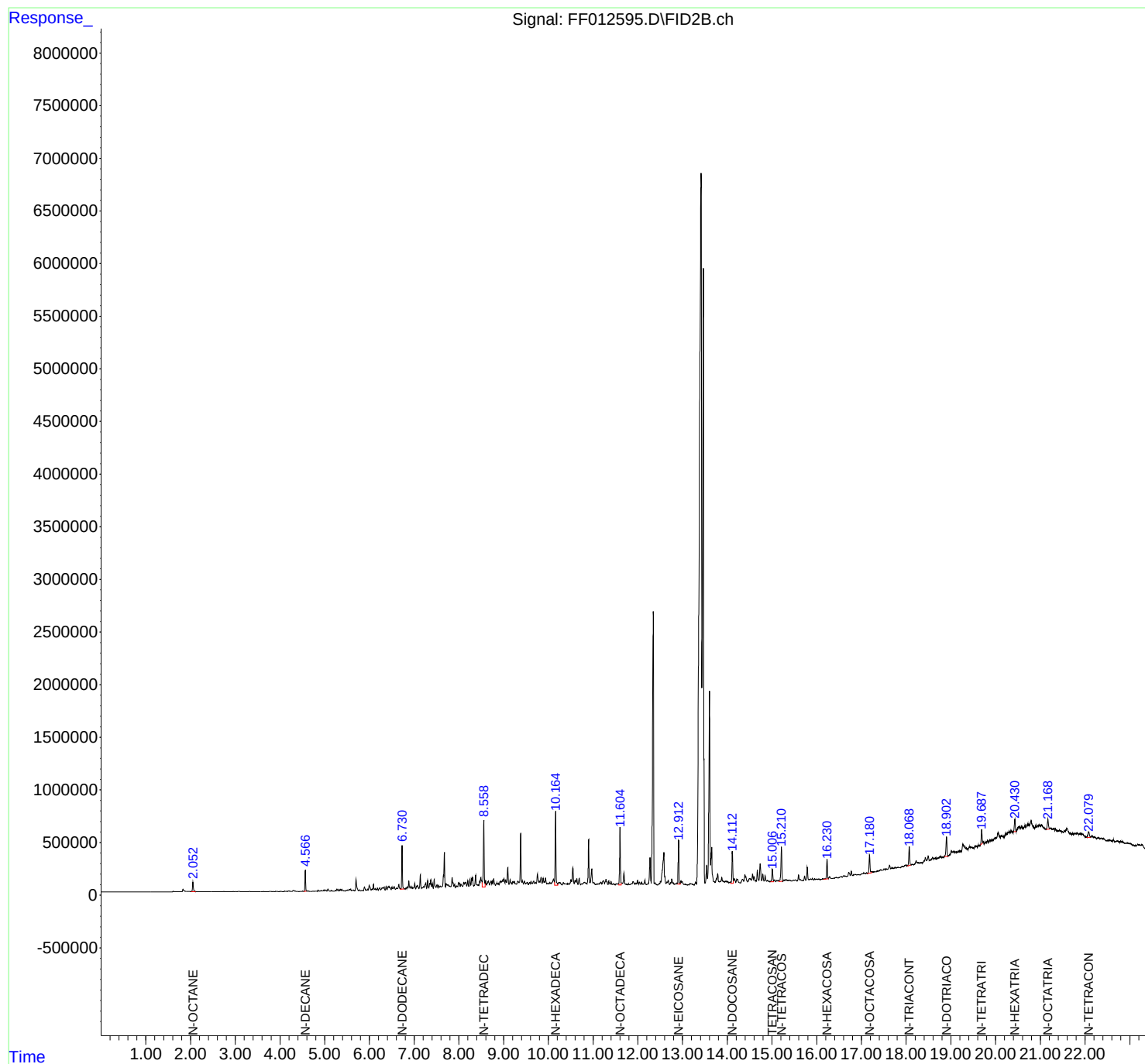
APPROVED

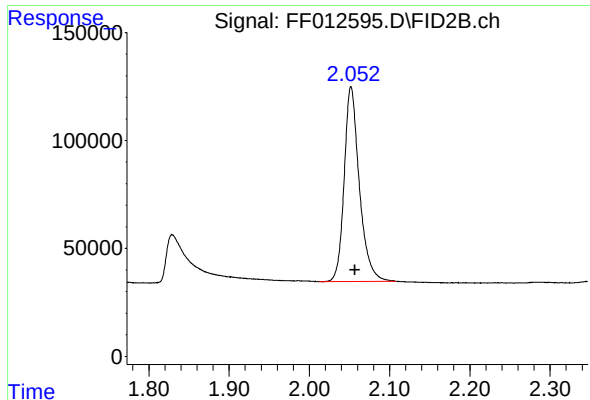
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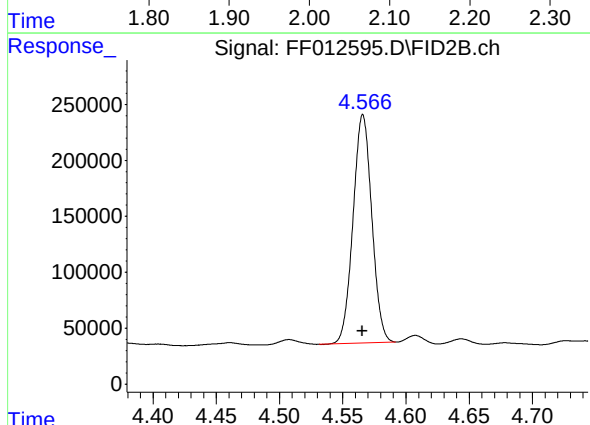
#1 N-OCTANE

R.T.: 2.052 min
Delta R.T.: -0.005 min
Response: 1183380
Conc: 9.09 ug/ml

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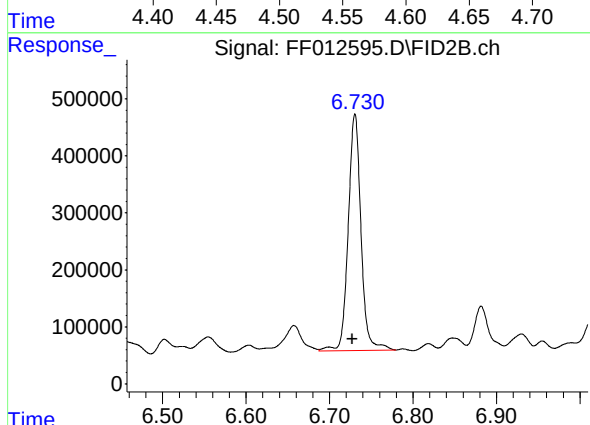
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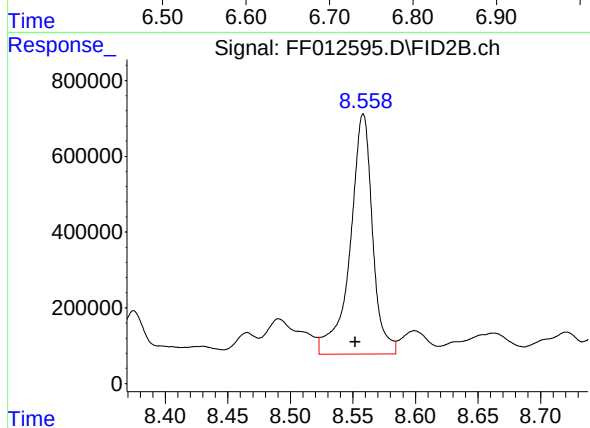
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 2107908
Conc: 15.79 ug/ml



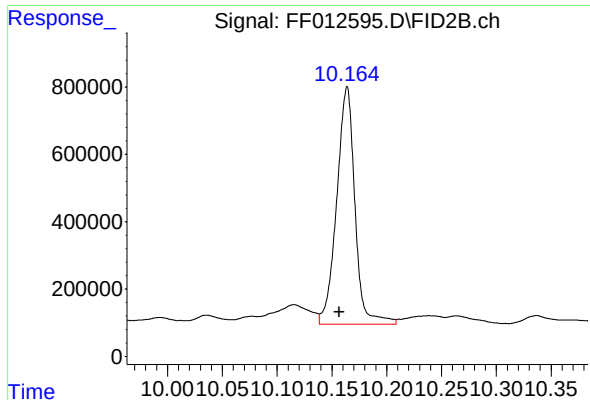
#3 N-DODECANE

R.T.: 6.731 min
Delta R.T.: 0.003 min
Response: 4413222
Conc: 33.77 ug/ml



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: 0.007 min
Response: 7897475
Conc: 61.28 ug/ml



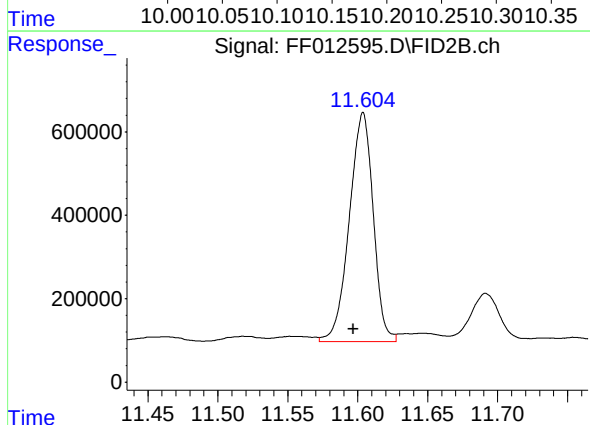
#5 N-HEXADECANE

R.T.: 10.164 min
Delta R.T.: 0.007 min
Response: 8173034
Conc: 60.64 ug/ml

Instrument :
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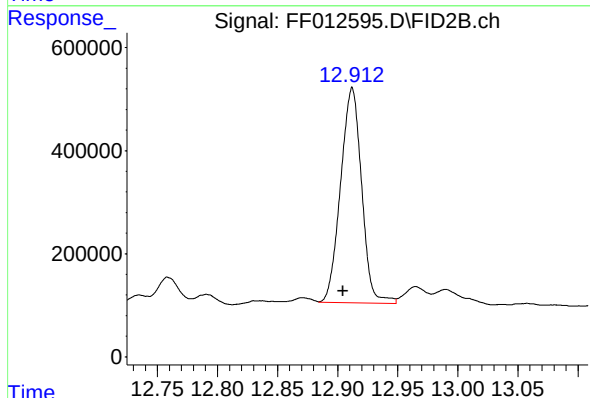
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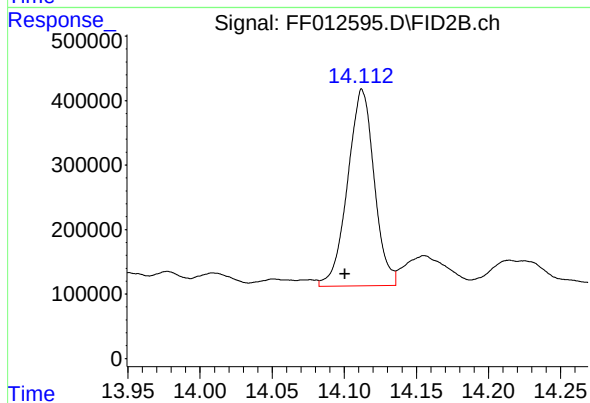
#6 N-OCTADECANE

R.T.: 11.604 min
Delta R.T.: 0.007 min
Response: 6533257
Conc: 47.17 ug/ml



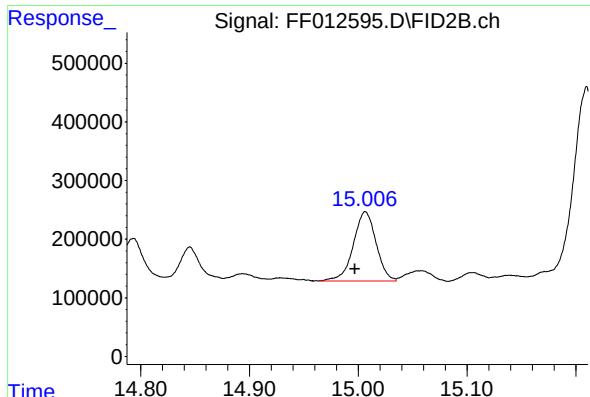
#7 N-EICOSANE

R.T.: 12.912 min
Delta R.T.: 0.008 min
Response: 5084352
Conc: 36.73 ug/ml



#8 N-DOCOSANE

R.T.: 14.112 min
Delta R.T.: 0.012 min
Response: 3918052
Conc: 29.25 ug/ml



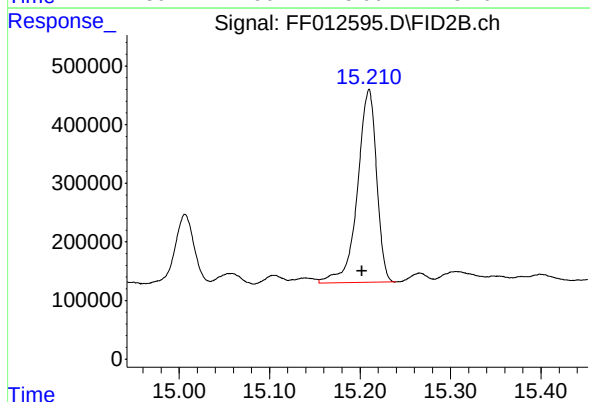
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.007 min
Delta R.T.: 0.010 min
Response: 1724002
Conc: 14.28 ug/ml

Instrument :
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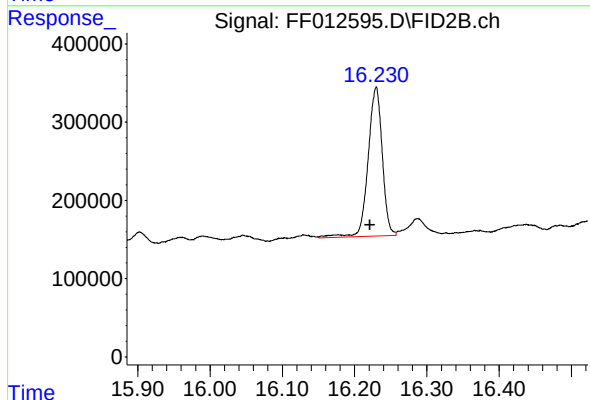
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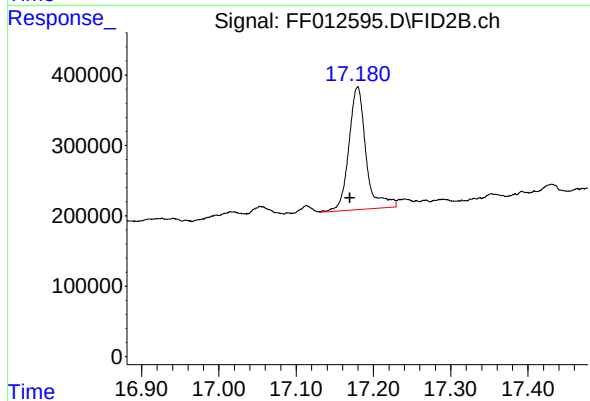
#10 N-TETRACOSANE

R.T.: 15.210 min
Delta R.T.: 0.008 min
Response: 4829438
Conc: 36.19 ug/ml



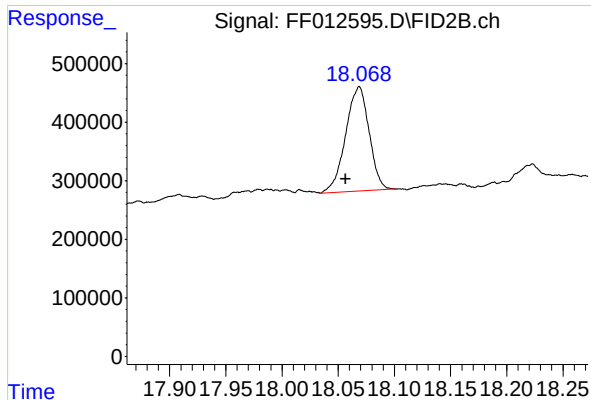
#11 N-HEXACOSANE

R.T.: 16.230 min
Delta R.T.: 0.009 min
Response: 2596849
Conc: 20.03 ug/ml



#12 N-OCTACOSANE

R.T.: 17.180 min
Delta R.T.: 0.010 min
Response: 2687113
Conc: 21.20 ug/ml



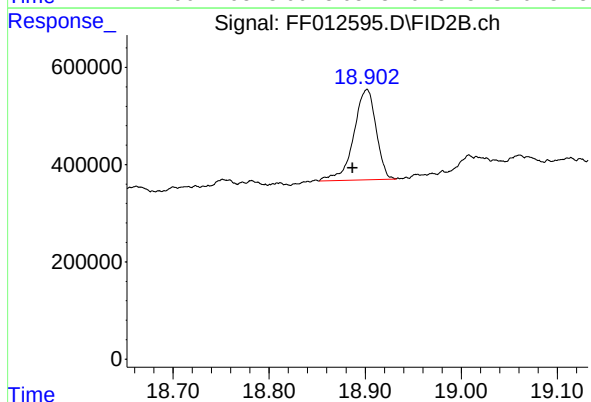
#13 N-TRIACONTANE

R.T.: 18.068 min
Delta R.T.: 0.012 min
Response: 2589367
Conc: 20.70 ug/ml

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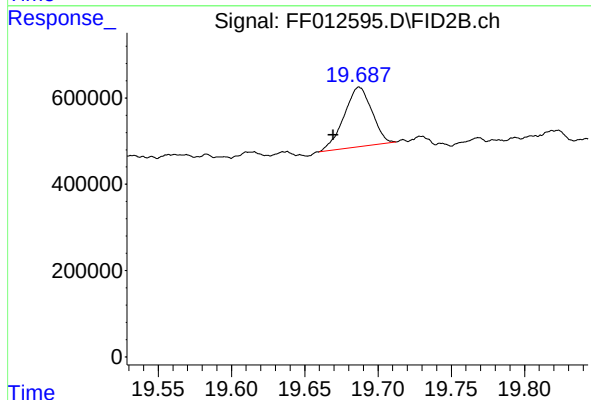
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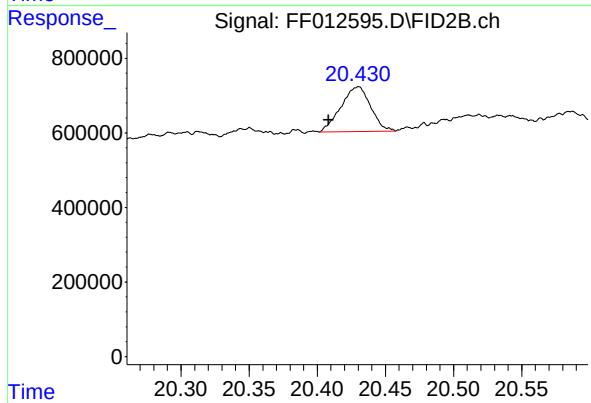
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: 0.015 min
Response: 3004335
Conc: 25.15 ug/ml m



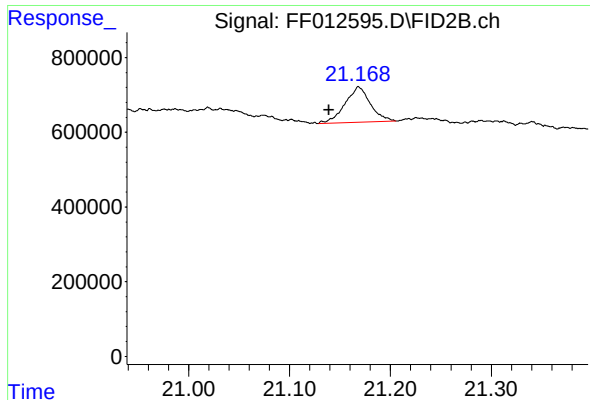
#15 N-TETRATRIACONTANE

R.T.: 19.687 min
Delta R.T.: 0.017 min
Response: 1828076
Conc: 16.62 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.430 min
Delta R.T.: 0.021 min
Response: 1821061
Conc: 17.50 ug/ml m



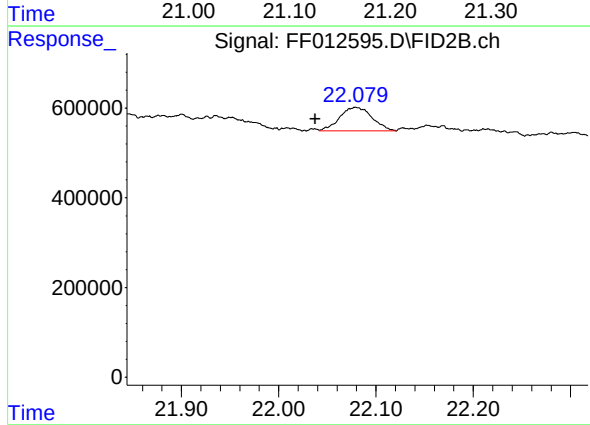
#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: 0.029 min
Response: 1661622
Conc: 16.52 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.079 min
Delta R.T.: 0.041 min
Response: 1226505
Conc: 11.84 ug/ml m