

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061923\
 Data File : FG012206.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2023 12:26
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 20 04:11:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 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...	15.001	5734030	43.006 ug/ml
Target Compounds			
1) N-OCTANE	2.028	6485510	46.633 ug/ml
2) N-DECANE	4.537	6744297	45.773 ug/ml
3) N-DODECANE	6.706	6885354	45.871 ug/ml
4) N-TETRADECANE	8.535	6868708	45.846 ug/ml
5) N-HEXADECANE	10.145	7011467	44.812 ug/ml
6) N-OCTADECANE	11.590	7009214	44.074 ug/ml
7) N-EICOSANE	12.901	6921845	43.619 ug/ml
8) N-DOCOSANE	14.100	6587169	43.113 ug/ml
10) N-TETRACOSANE	15.205	6407727	42.897 ug/ml
11) N-HEXACOSANE	16.227	6105383	43.112 ug/ml
12) N-OCTACOSANE	17.178	5873418	43.387 ug/ml
13) N-TRIACONTANE	18.068	5727330	43.226 ug/ml
14) N-DOTRIACONTANE	18.901	5545669	43.445 ug/ml
15) N-TETRATRIACONTANE	19.685	5462673	44.880 ug/ml
16) N-HEXATRIACONTANE	20.426	5583962	45.562 ug/mlm
17) N-OCTATRIACONTANE	21.167	5881382	46.097 ug/ml
18) N-TETRACONTANE	22.082	6093038	46.015 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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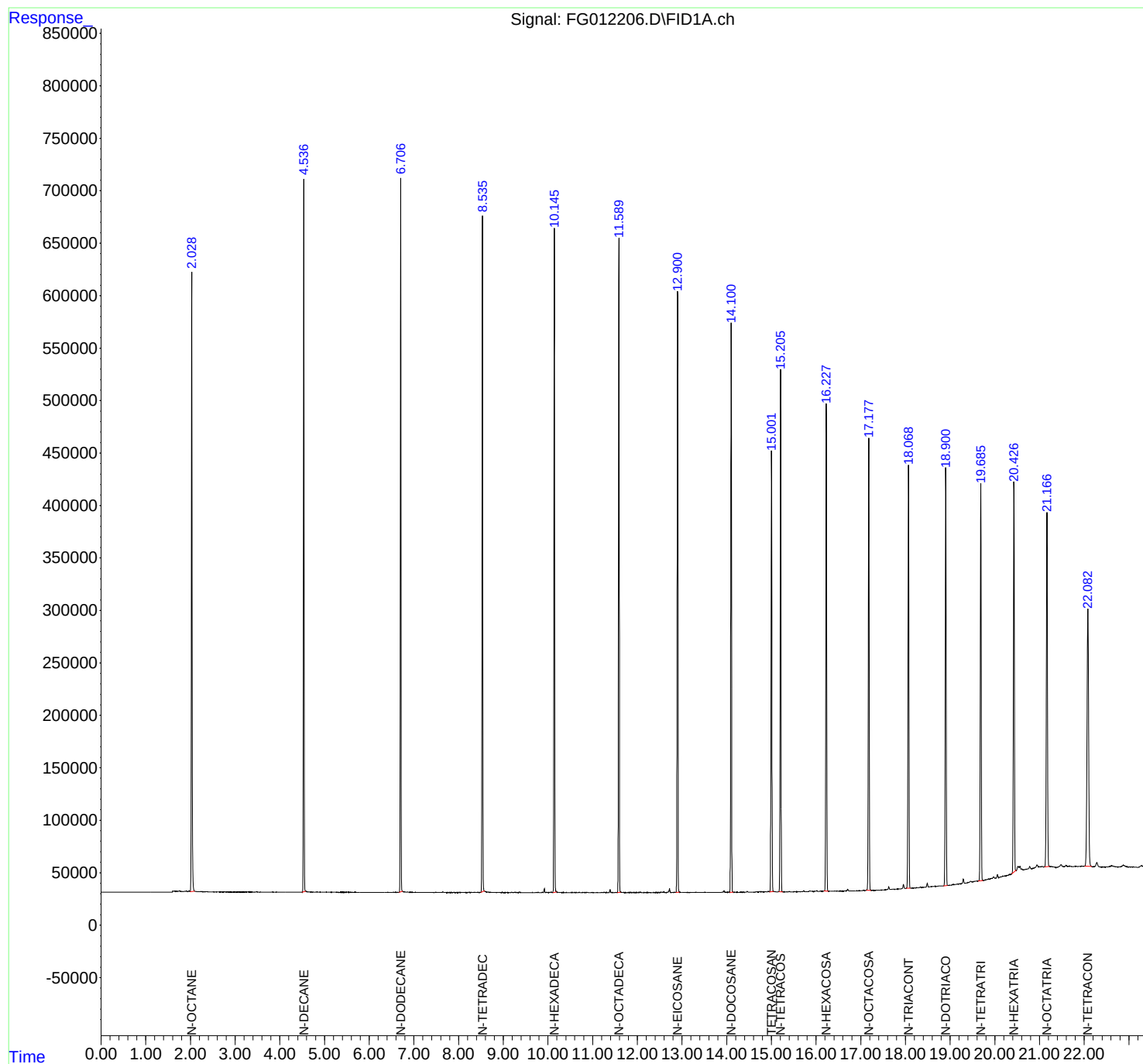
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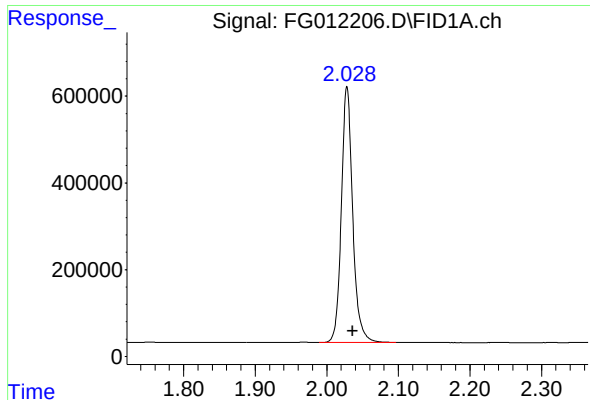
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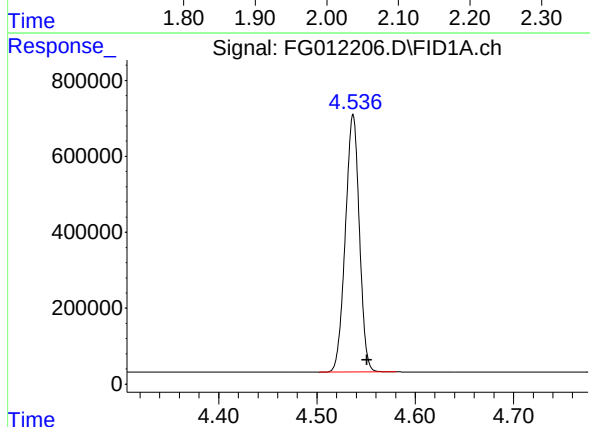
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.008 min
Response: 6485510
Conc: 46.63 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

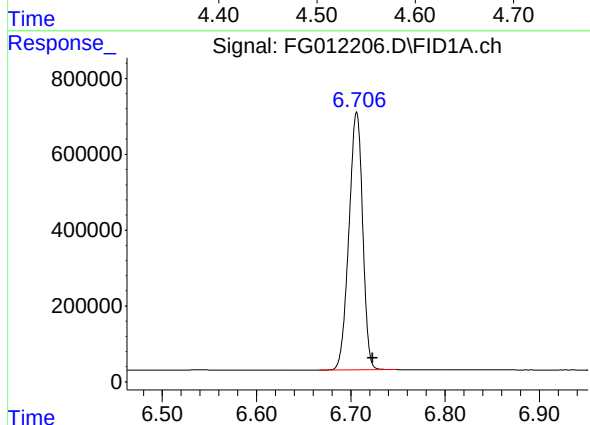
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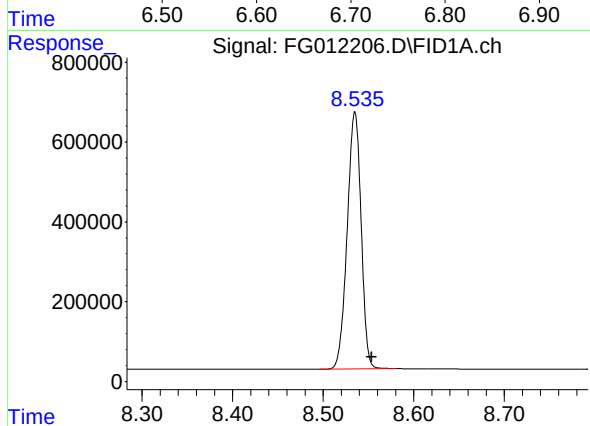
#2 N-DECANE

R.T.: 4.537 min
Delta R.T.: -0.014 min
Response: 6744297
Conc: 45.77 ug/ml



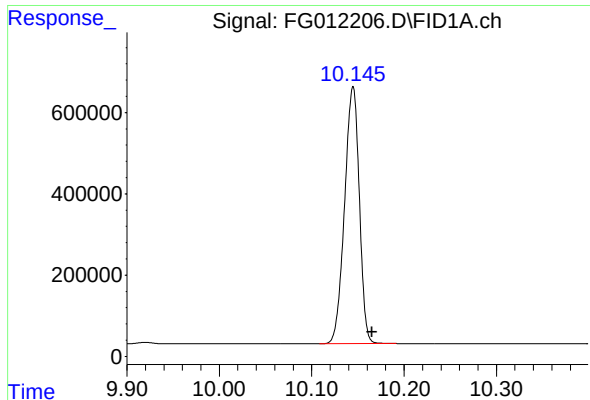
#3 N-DODECANE

R.T.: 6.706 min
Delta R.T.: -0.017 min
Response: 6885354
Conc: 45.87 ug/ml



#4 N-TETRADECANE

R.T.: 8.535 min
Delta R.T.: -0.018 min
Response: 6868708
Conc: 45.85 ug/ml



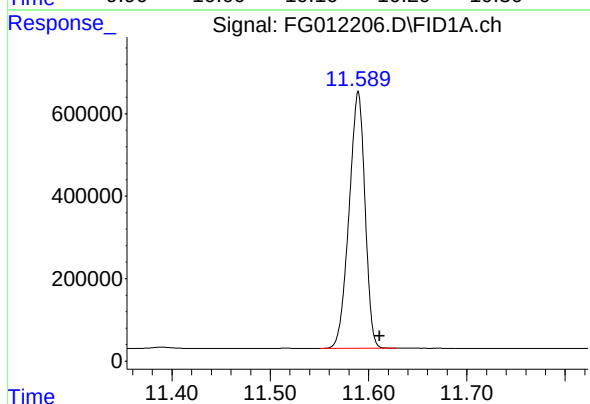
#5 N-HEXADECANE

R.T.: 10.145 min
Delta R.T.: -0.020 min
Response: 7011467
Conc: 44.81 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

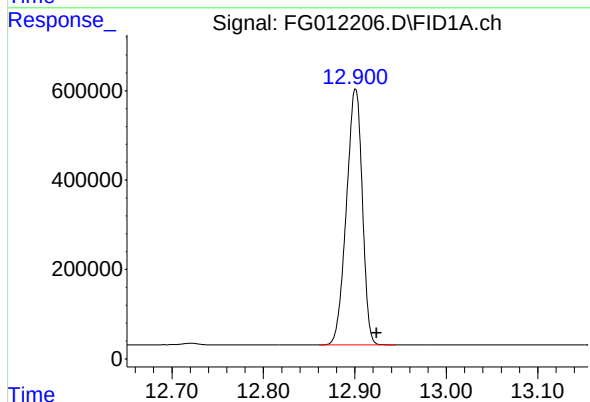
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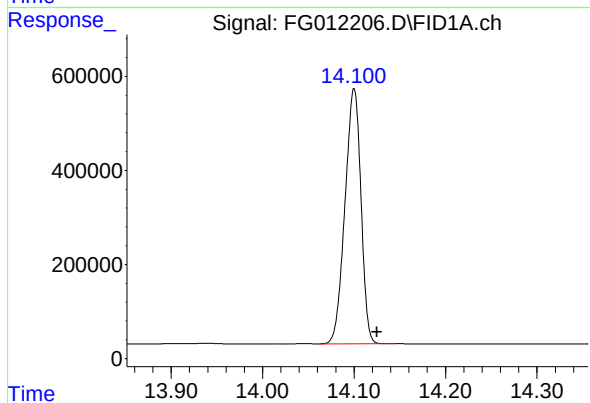
#6 N-OCTADECANE

R.T.: 11.590 min
Delta R.T.: -0.022 min
Response: 7009214
Conc: 44.07 ug/ml



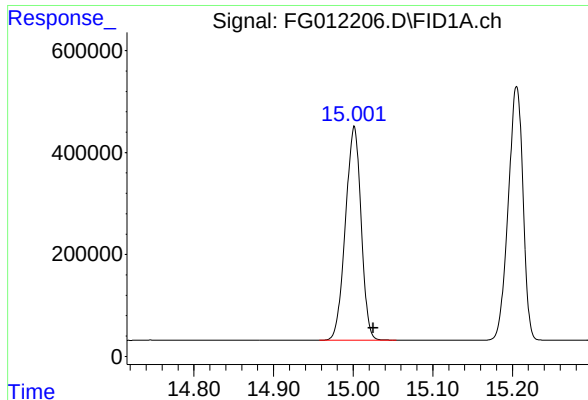
#7 N-EICOSANE

R.T.: 12.901 min
Delta R.T.: -0.023 min
Response: 6921845
Conc: 43.62 ug/ml



#8 N-DOCOSANE

R.T.: 14.100 min
Delta R.T.: -0.025 min
Response: 6587169
Conc: 43.11 ug/ml



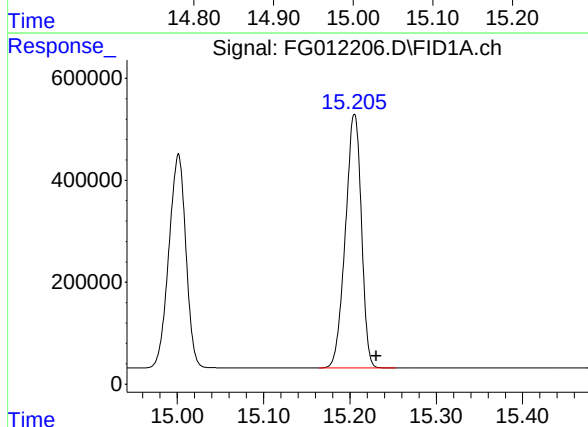
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.001 min
Delta R.T.: -0.024 min
Response: 5734030
Conc: 43.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

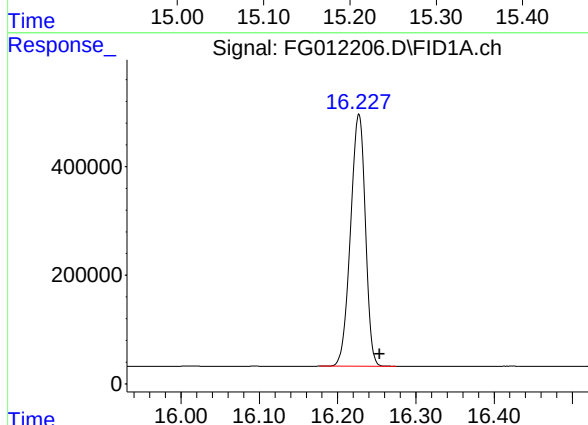
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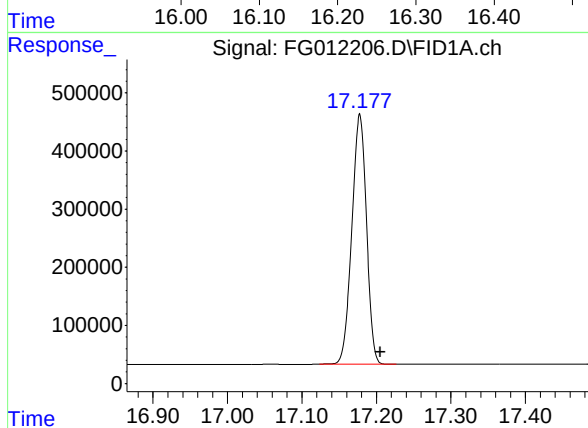
#10 N-TETRACOSANE

R.T.: 15.205 min
Delta R.T.: -0.025 min
Response: 6407727
Conc: 42.90 ug/ml



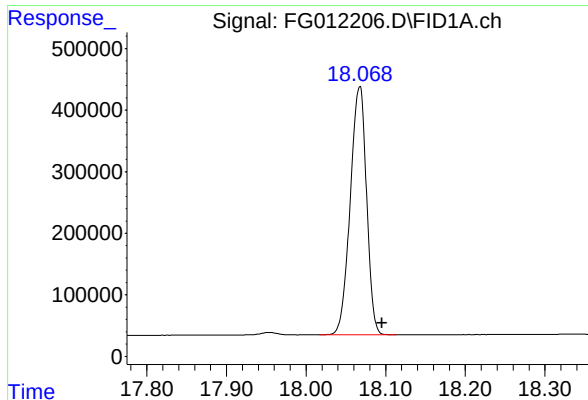
#11 N-HEXACOSANE

R.T.: 16.227 min
Delta R.T.: -0.026 min
Response: 6105383
Conc: 43.11 ug/ml



#12 N-OCTACOSANE

R.T.: 17.178 min
Delta R.T.: -0.028 min
Response: 5873418
Conc: 43.39 ug/ml



#13 N-TRIACONTANE

R.T.: 18.068 min
Delta R.T.: -0.028 min
Response: 5727330
Conc: 43.23 ug/ml

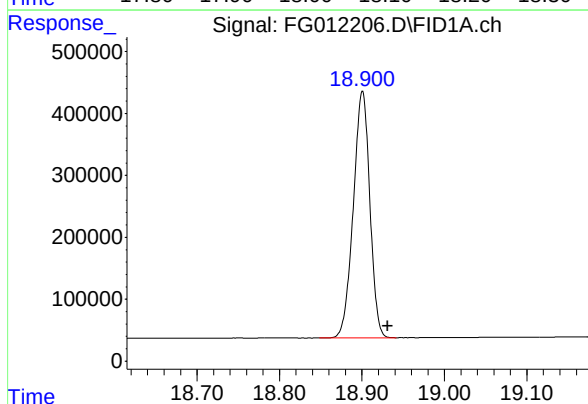
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

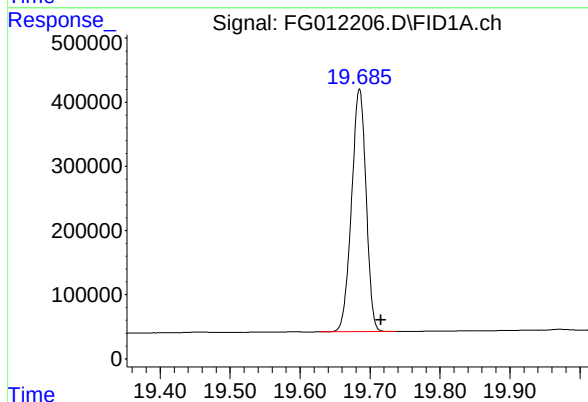
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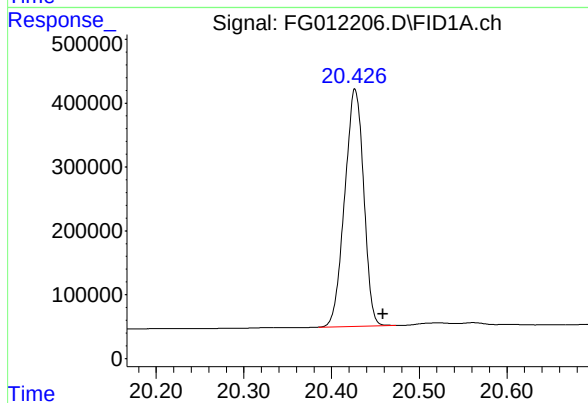
#14 N-DOTRIACONTANE

R.T.: 18.901 min
Delta R.T.: -0.030 min
Response: 5545669
Conc: 43.45 ug/ml



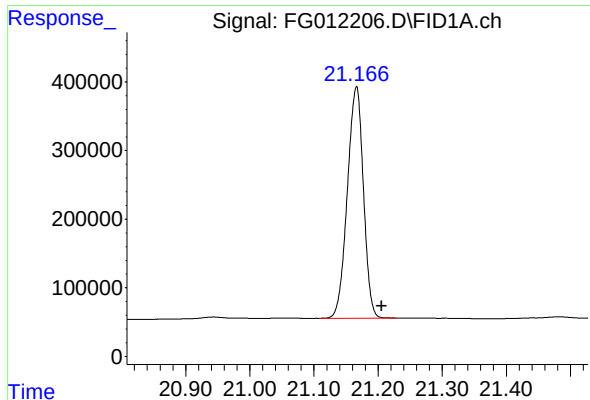
#15 N-TETRATRIACONTANE

R.T.: 19.685 min
Delta R.T.: -0.031 min
Response: 5462673
Conc: 44.88 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.426 min
Delta R.T.: -0.033 min
Response: 5583962
Conc: 45.56 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.167 min
Delta R.T.: -0.039 min
Response: 5881382
Conc: 46.10 ug/ml

Instrument :

FID_G

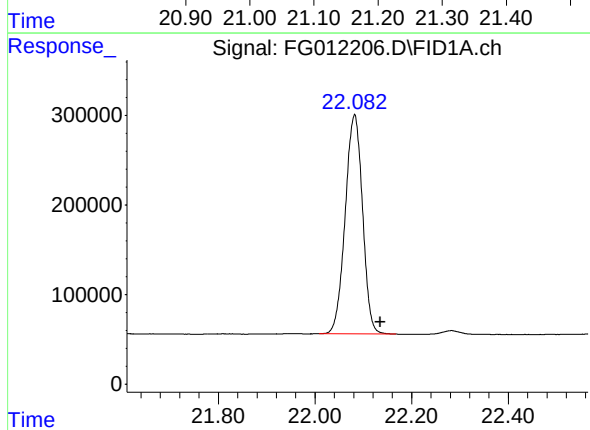
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.082 min
Delta R.T.: -0.053 min
Response: 6093038
Conc: 46.01 ug/ml