

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032622\
 Data File : FG009436.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2022 22:07
 Operator : AJ\MA
 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 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 26 22:48:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Quant Title :
 QLast Update : Sat Mar 26 00:33:44 2022
 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...	14.632	5606356	40.683 ug/ml
Target Compounds			
1) N-OCTANE	2.234	6989706	48.601 ug/ml
2) N-DECANE	4.333	7154129	48.908 ug/ml
3) N-DODECANE	6.360	7123068	47.764 ug/ml
4) N-TETRADECANE	8.160	7086008	46.411 ug/ml
5) N-HEXADECANE	9.767	6976621	45.034 ug/ml
6) N-OCTADECANE	11.214	6977989	43.729 ug/ml
7) N-EICOSANE	12.527	6631619	42.478 ug/ml
8) N-DOCOSANE	13.728	6413500	41.435 ug/ml
10) N-TETRACOSANE	14.836	6269552	40.653 ug/ml
11) N-HEXACOSANE	15.861	6084006	40.074 ug/ml
12) N-OCTACOSANE	16.814	5963774	40.242 ug/ml
13) N-TRIACONTANE	17.705	5838313	40.940 ug/ml
14) N-DOTRIACONTANE	18.540	5663213	42.589 ug/ml
15) N-TETRATRIACONTANE	19.327	5277564	45.168 ug/mlm
16) N-HEXATRIACONTANE	20.068	4695808	47.617 ug/mlm
17) N-OCTATRIACONTANE	20.807	4349177	50.169 ug/ml
18) N-TETRACONTANE	21.724	4258272	50.098 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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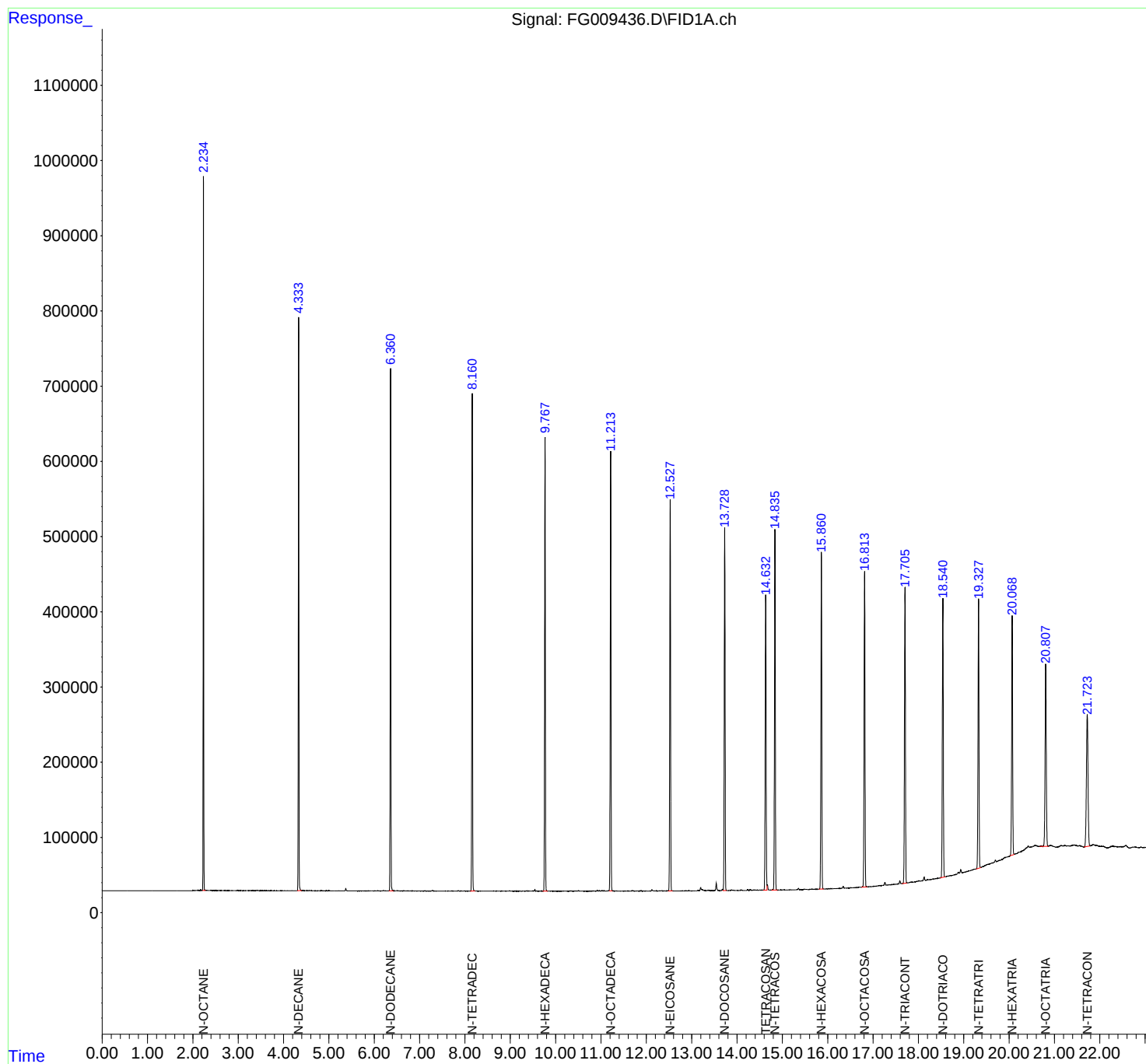
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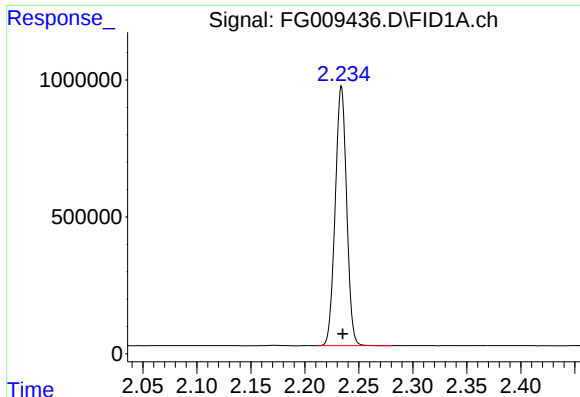
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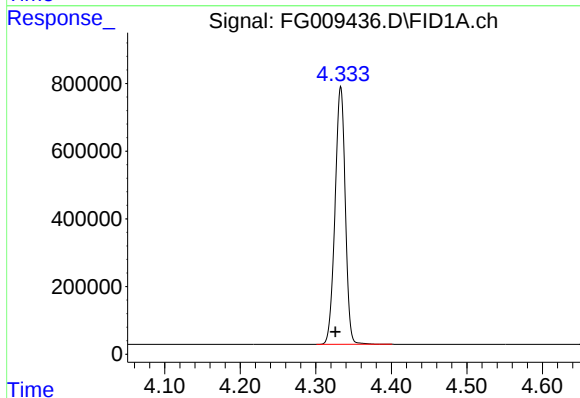
#1 N-OCTANE

R.T.: 2.234 min
Delta R.T.: -0.001 min
Response: 6989706
Conc: 48.60 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

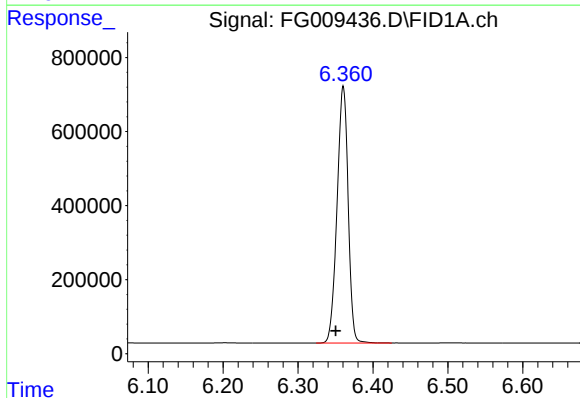
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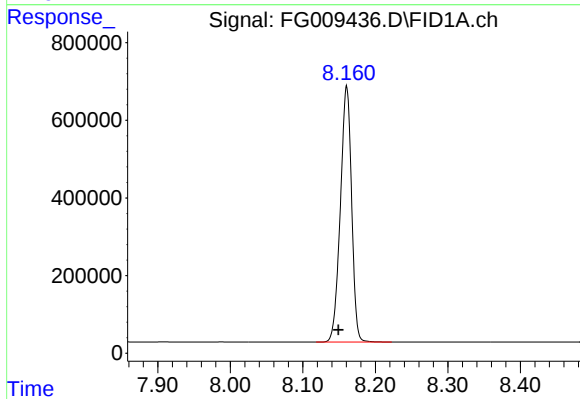
#2 N-DECANE

R.T.: 4.333 min
Delta R.T.: 0.007 min
Response: 7154129
Conc: 48.91 ug/ml



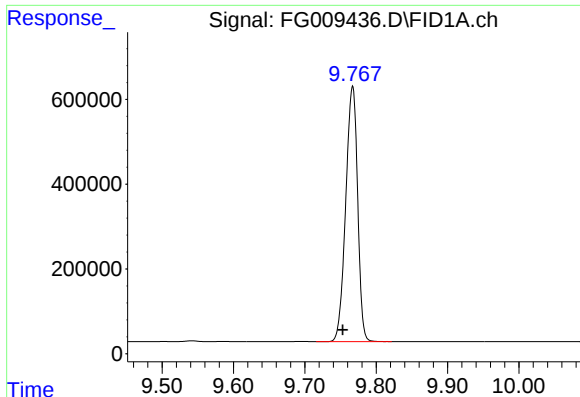
#3 N-DODECANE

R.T.: 6.360 min
Delta R.T.: 0.010 min
Response: 7123068
Conc: 47.76 ug/ml



#4 N-TETRADECANE

R.T.: 8.160 min
Delta R.T.: 0.011 min
Response: 7086008
Conc: 46.41 ug/ml



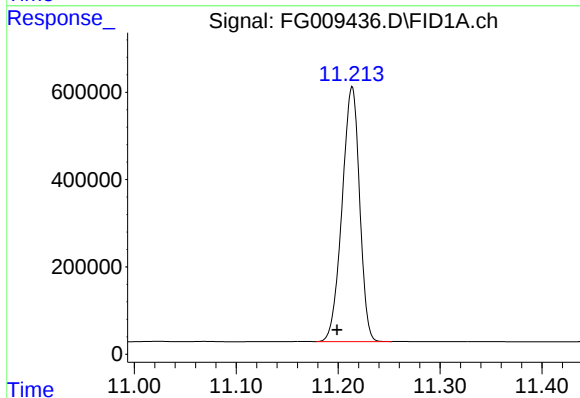
#5 N-HEXADECANE

R.T.: 9.767 min
Delta R.T.: 0.014 min
Response: 6976621
Conc: 45.03 ug/ml

Instrument :
FID_G
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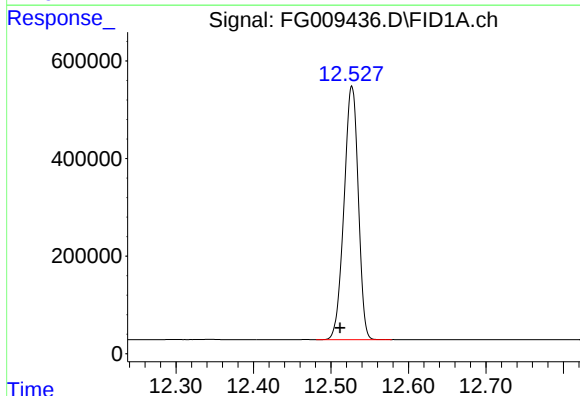
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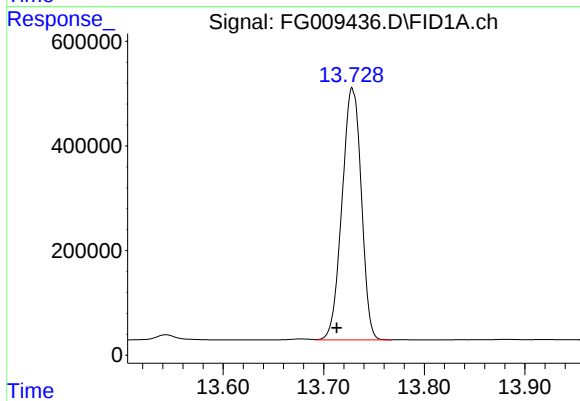
#6 N-OCTADECANE

R.T.: 11.214 min
Delta R.T.: 0.015 min
Response: 6977989
Conc: 43.73 ug/ml



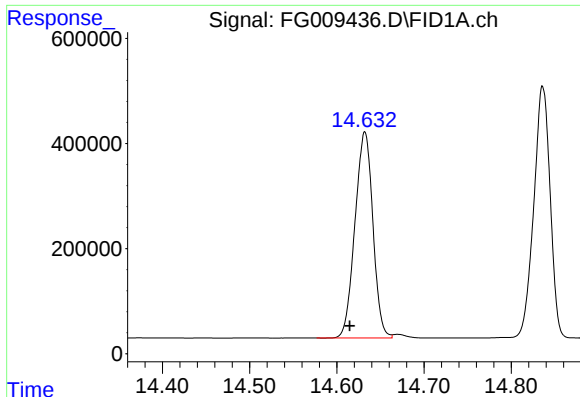
#7 N-EICOSANE

R.T.: 12.527 min
Delta R.T.: 0.015 min
Response: 6631619
Conc: 42.48 ug/ml



#8 N-DOCOSANE

R.T.: 13.728 min
Delta R.T.: 0.016 min
Response: 6413500
Conc: 41.44 ug/ml



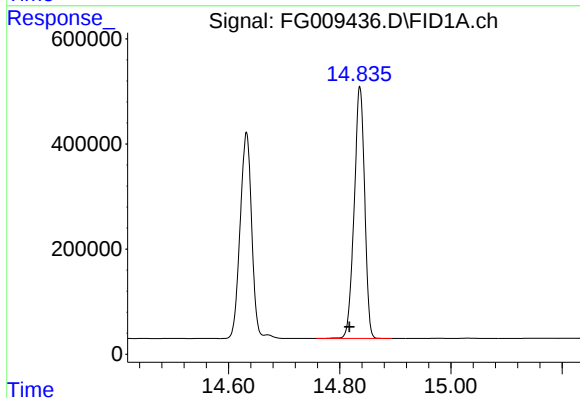
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.632 min
Delta R.T.: 0.017 min
Response: 5606356
Conc: 40.68 ug/ml

Instrument :
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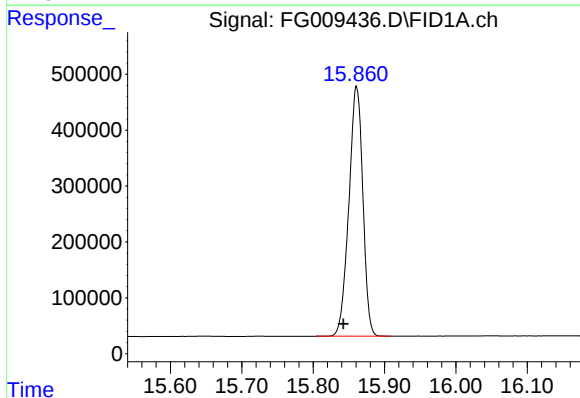
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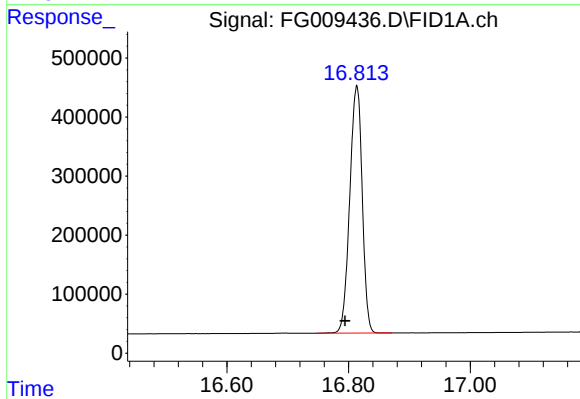
#10 N-TETRACOSANE

R.T.: 14.836 min
Delta R.T.: 0.019 min
Response: 6269552
Conc: 40.65 ug/ml



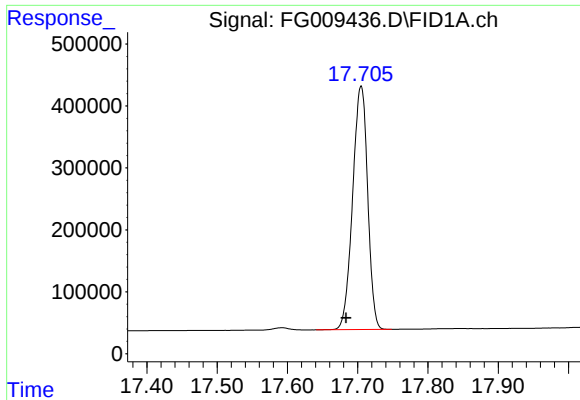
#11 N-HEXACOSANE

R.T.: 15.861 min
Delta R.T.: 0.019 min
Response: 6084006
Conc: 40.07 ug/ml



#12 N-OCTACOSANE

R.T.: 16.814 min
Delta R.T.: 0.019 min
Response: 5963774
Conc: 40.24 ug/ml



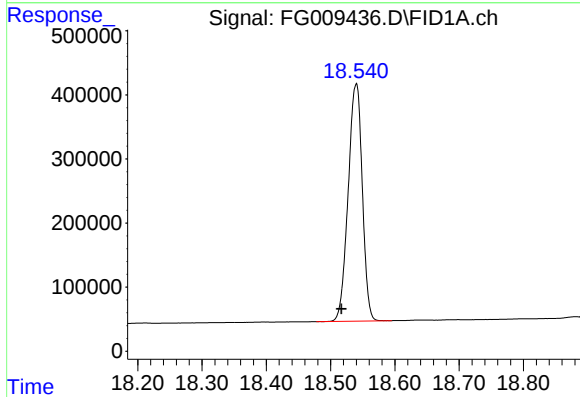
#13 N-TRIACONTANE

R.T.: 17.705 min
Delta R.T.: 0.021 min
Response: 5838313
Conc: 40.94 ug/ml

Instrument :
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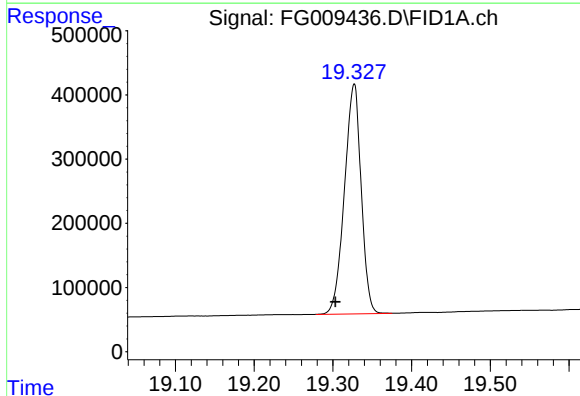
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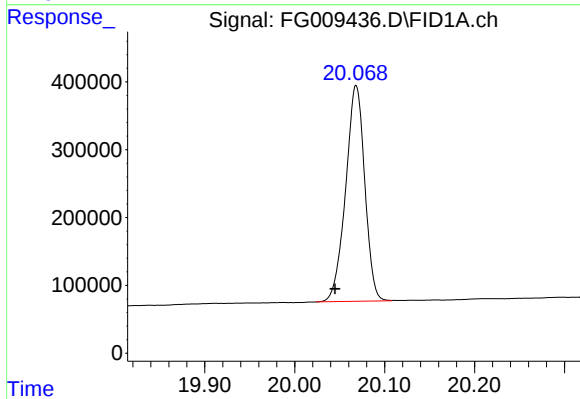
#14 N-DOTRIACONTANE

R.T.: 18.540 min
Delta R.T.: 0.023 min
Response: 5663213
Conc: 42.59 ug/ml



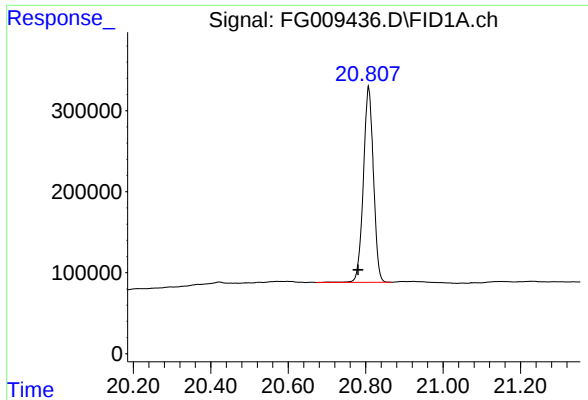
#15 N-TETRATRIACONTANE

R.T.: 19.327 min
Delta R.T.: 0.024 min
Response: 5277564
Conc: 45.17 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.068 min
Delta R.T.: 0.023 min
Response: 4695808
Conc: 47.62 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.807 min
Delta R.T.: 0.027 min
Response: 4349177
Conc: 50.17 ug/ml

Instrument :

FID_G

ClientSampleId :

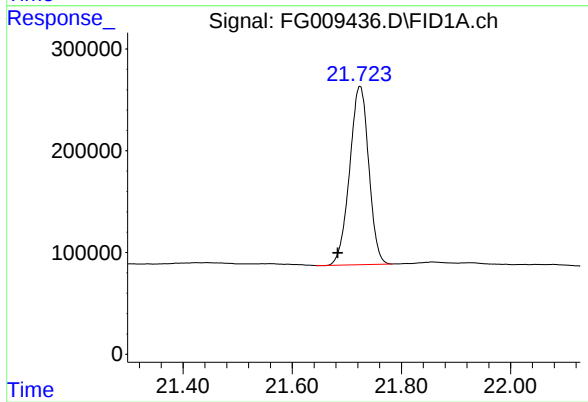
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#18 N-TETRACONTANE

R.T.: 21.724 min
Delta R.T.: 0.041 min
Response: 4258272
Conc: 50.10 ug/ml