

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110220AL\
 Data File : FC050510.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2020 1:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 03 02:39:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.619	2491886	20.288 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
12) S 1-chlorooctadecane (S...	13.054	1967047	20.373 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	3.369	2158372	20.285 ug/ml
2) T n-Decane (C10)	4.438	2160645	20.316 ug/ml
3) T A~Naphthalene (C11.7)	6.031	2344047	20.355 ug/ml
4) T n-Dodecane (C12)	6.458	2207523	20.360 ug/ml
5) T A~2-methylnaphthalene...	7.089	2364197	20.607 ug/ml
6) T n-Tetradecane (C14)	8.255	2194265	20.344 ug/ml
7) T n-Hexadecane (C16)	9.857	2162126	20.311 ug/ml
8) T n-Octadecane (C18)	11.299	2290328	20.360 ug/ml
10) T n-Eicosane (C20)	12.608	2322355	20.347 ug/ml
11) T n-Heneicosane (C21)	13.220	2321618	20.351 ug/ml
13) T n-Docosane (C22)	13.806	2321218	20.340 ug/ml
14) T n-Tetracosane (C24)	14.908	2321761	20.331 ug/ml
15) T n-Hexacosane (C26)	15.928	2309393	20.368 ug/ml
16) T n-Octacosane (C28)	16.878	2304032	20.305 ug/ml
17) T n-Tricontane (C30)	17.763	2266000	20.381 ug/ml
18) T n-Dotriacontane (C32)	18.594	2101124	20.367 ug/ml
19) T n-Tetratriacontane (C34)	19.377	1968388	20.457 ug/ml
20) T n-Hexatriacontane (C36)	20.115	1836149	20.437 ug/ml
21) T n-Octatriacontane (C38)	20.859	1694377	20.378 ug/ml
22) T n-Tetracontane (C40)	21.789	1688329	20.176 ug/ml

(f)=RT Delta > 1/2 Window

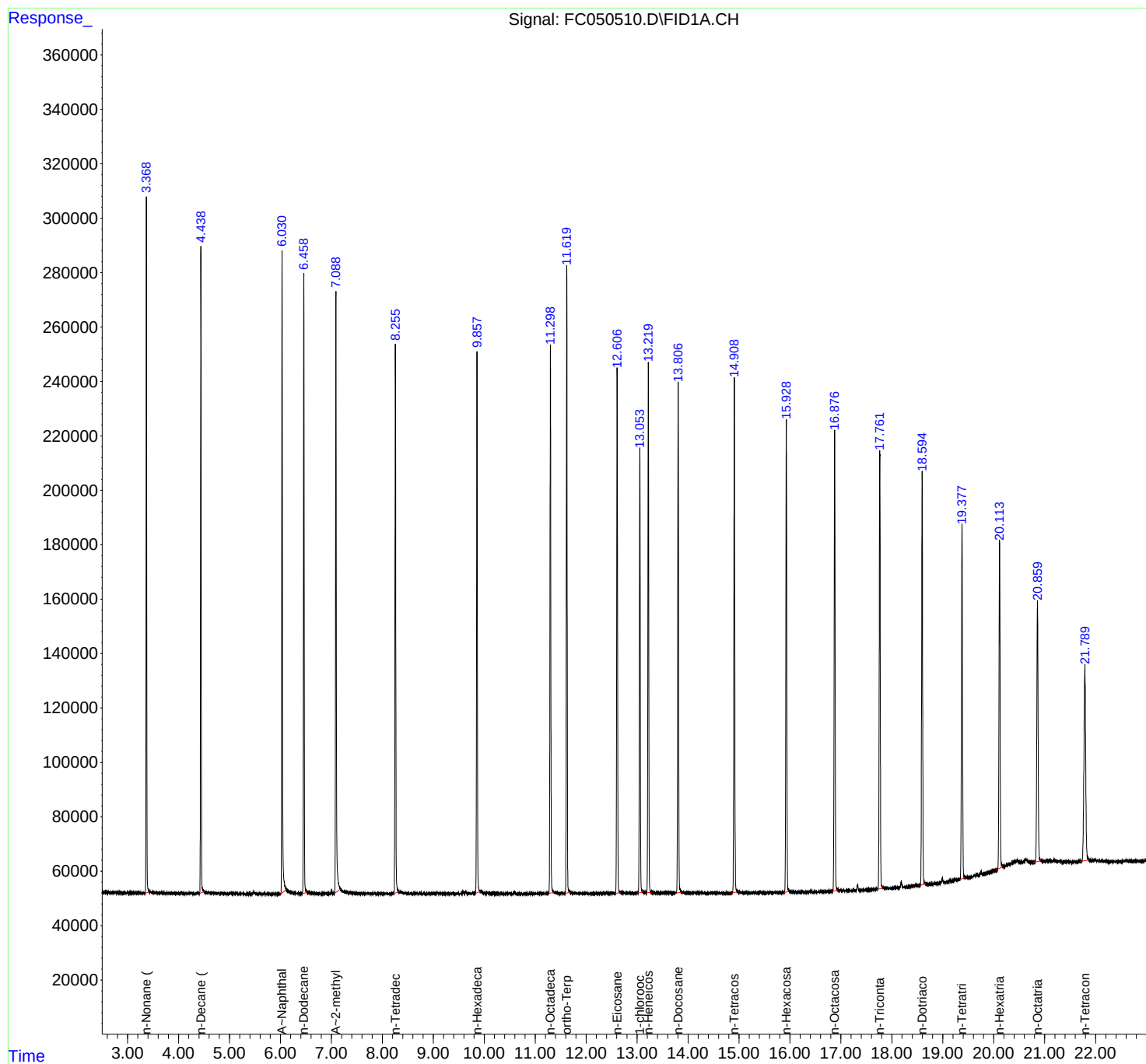
(m)=manual int.

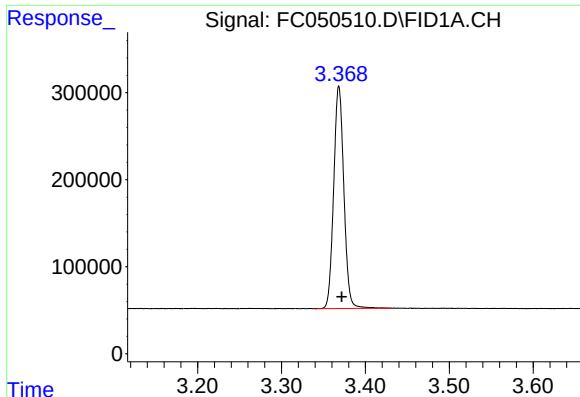
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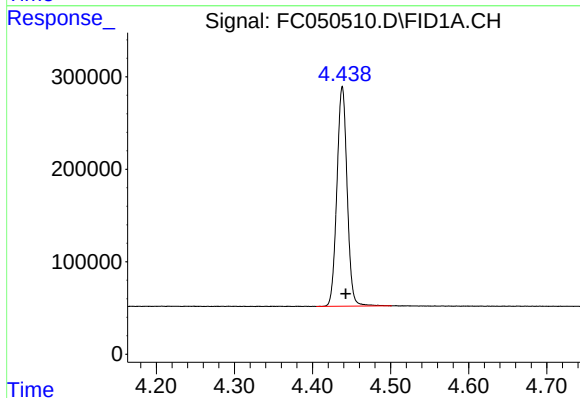




#1 n-Nonane (C9)

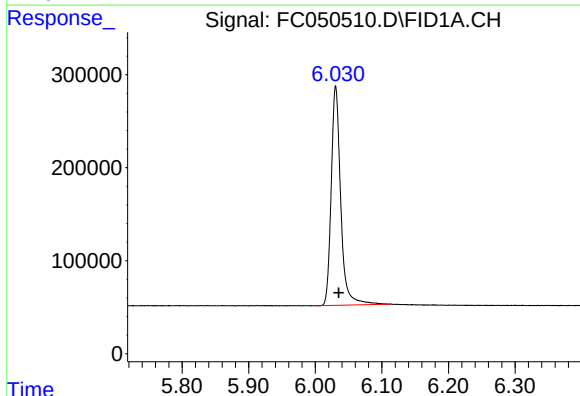
R.T.: 3.369 min
Delta R.T.: -0.003 min
Response: 2158372
Conc: 20.28 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



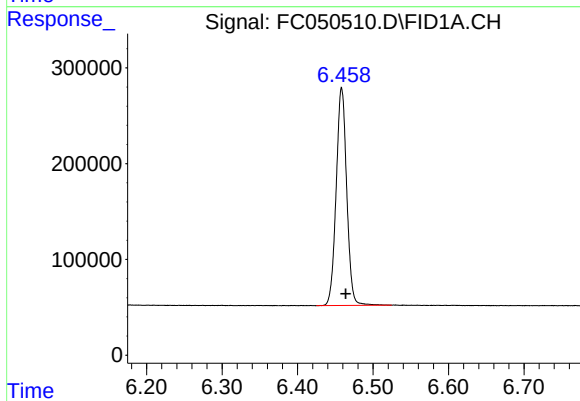
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.005 min
Response: 2160645
Conc: 20.32 ug/ml



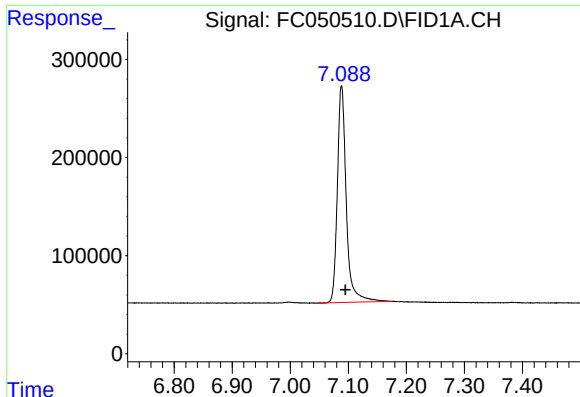
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2344047
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

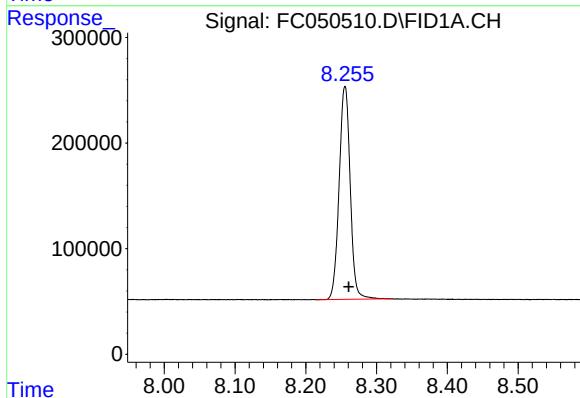
R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 2207523
Conc: 20.36 ug/ml



#5 A~2-methylnaphthalene (C12.89)

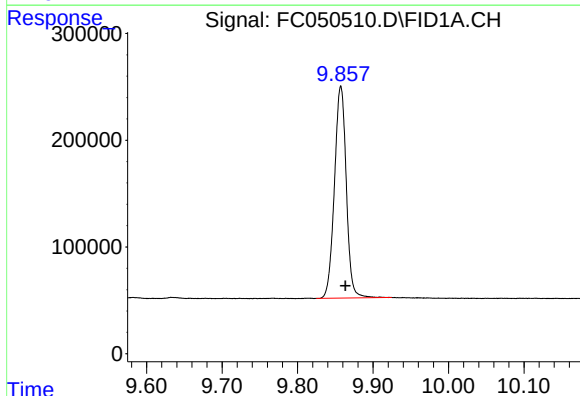
R.T.: 7.089 min
Delta R.T.: -0.006 min
Response: 2364197
Conc: 20.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



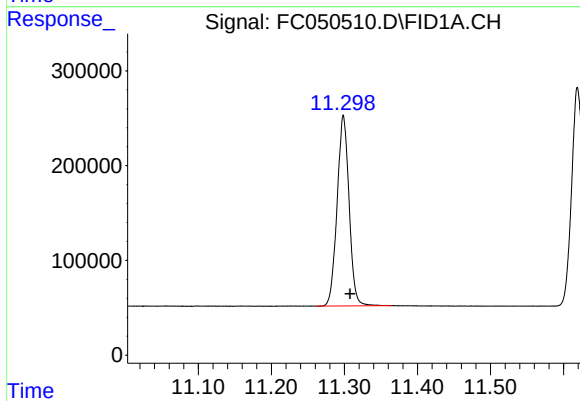
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.005 min
Response: 2194265
Conc: 20.34 ug/ml



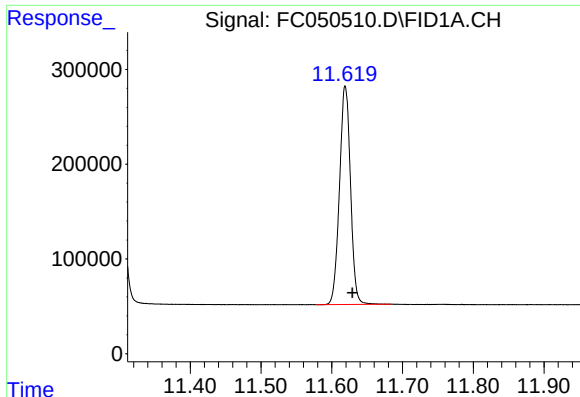
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: -0.006 min
Response: 2162126
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

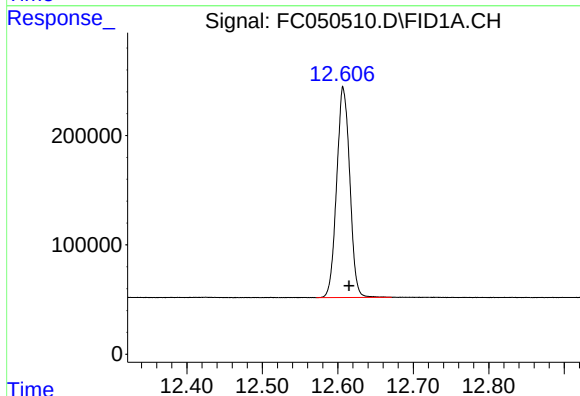
R.T.: 11.299 min
Delta R.T.: -0.009 min
Response: 2290328
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

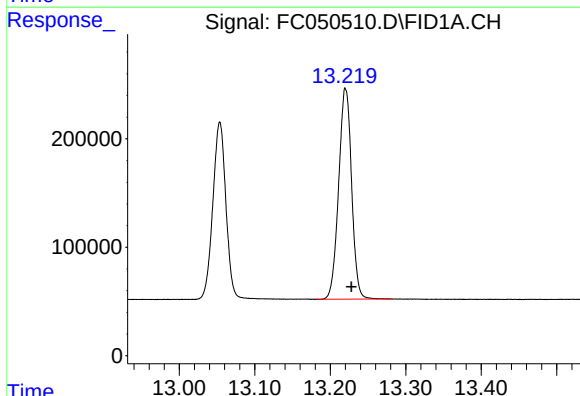
R.T.: 11.619 min
Delta R.T.: -0.010 min
Response: 2491886
Conc: 20.29 ug/ml

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FID_C
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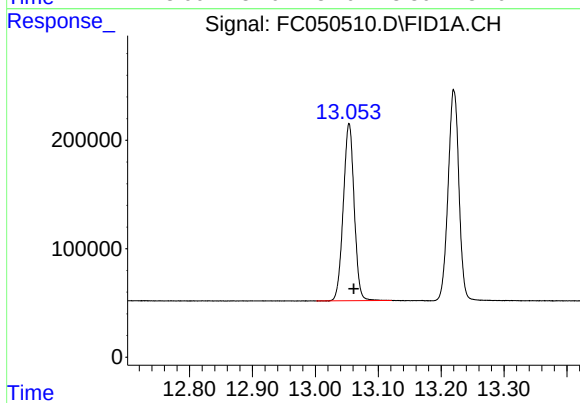
#10 n-Eicosane (C20)

R.T.: 12.608 min
Delta R.T.: -0.007 min
Response: 2322355
Conc: 20.35 ug/ml



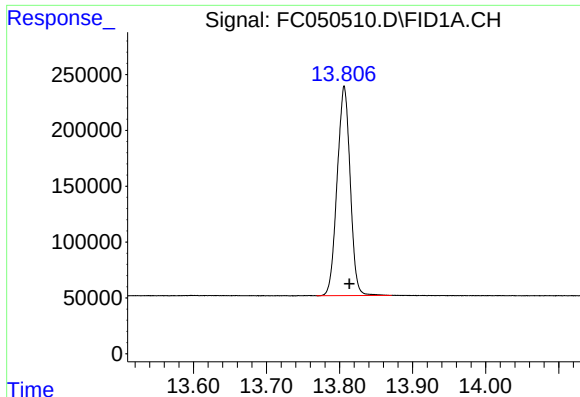
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.008 min
Response: 2321618
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

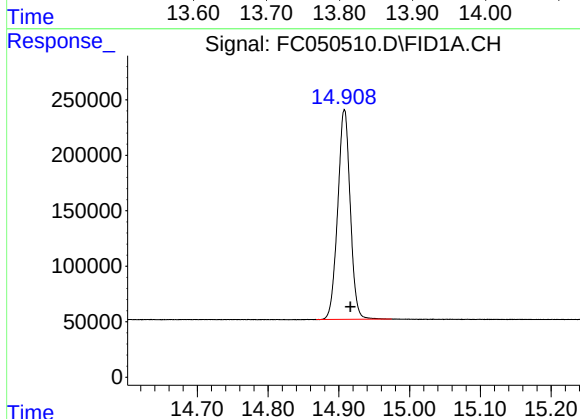
R.T.: 13.054 min
Delta R.T.: -0.008 min
Response: 1967047
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

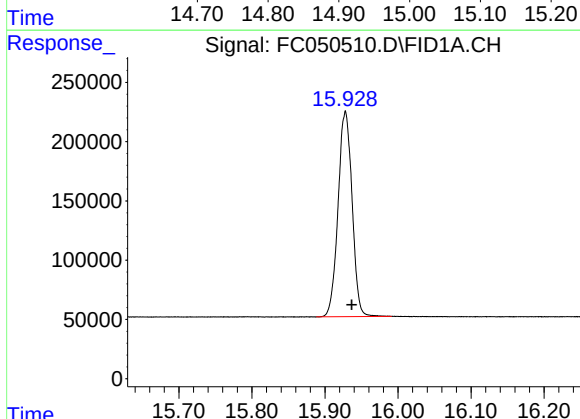
R.T.: 13.806 min
Delta R.T.: -0.007 min
Response: 2321218
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



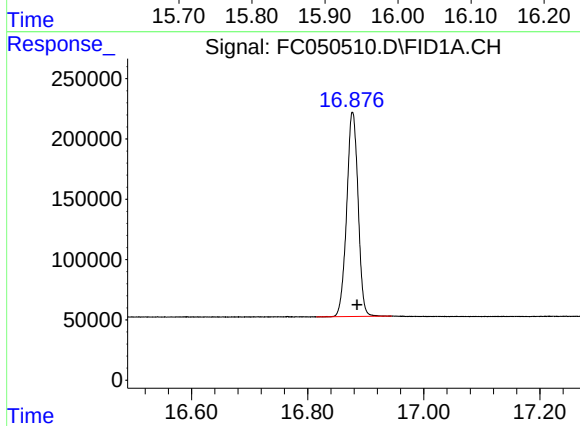
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.009 min
Response: 2321761
Conc: 20.33 ug/ml



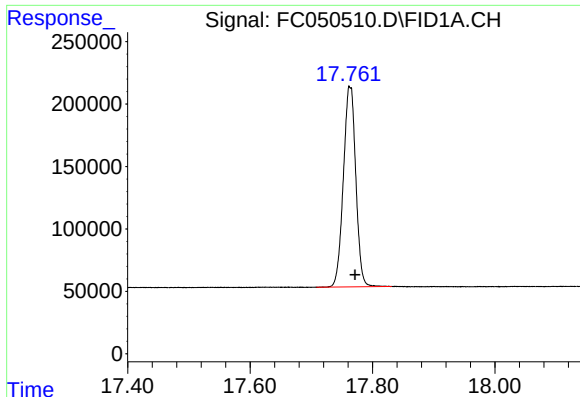
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: -0.009 min
Response: 2309393
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

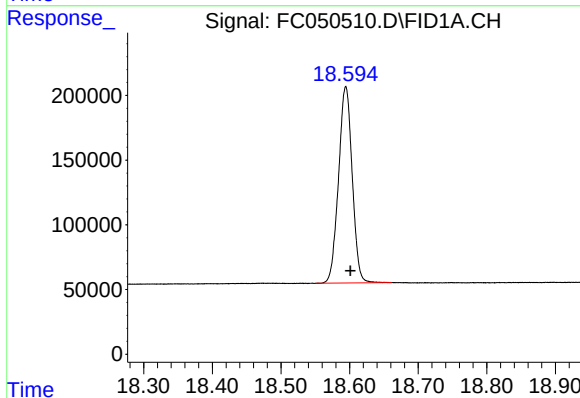
R.T.: 16.878 min
Delta R.T.: -0.008 min
Response: 2304032
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

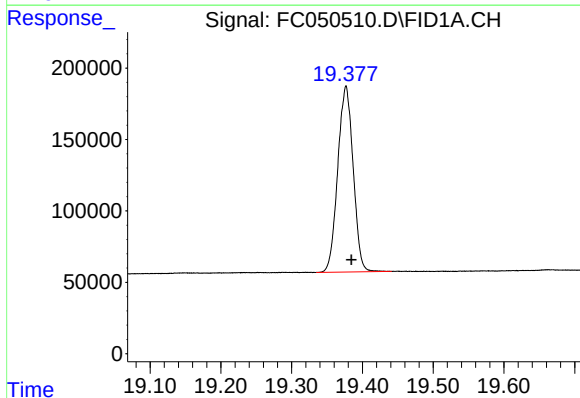
R.T.: 17.763 min
Delta R.T.: -0.008 min
Response: 2266000
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



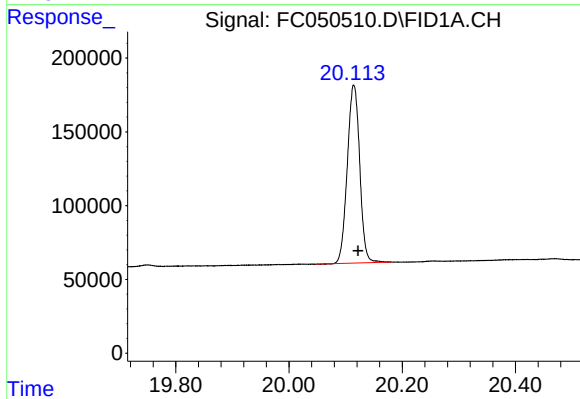
#18 n-Dotriacontane (C32)

R.T.: 18.594 min
Delta R.T.: -0.007 min
Response: 2101124
Conc: 20.37 ug/ml



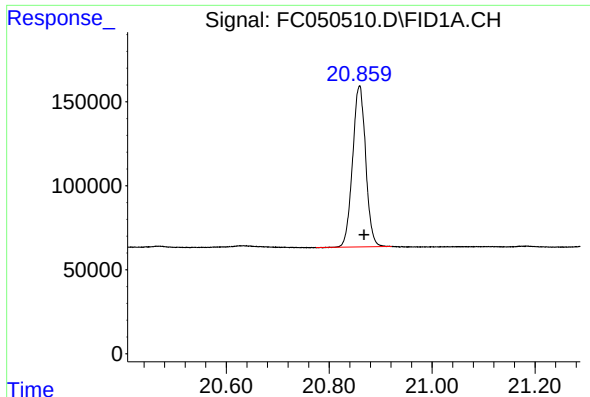
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min
Delta R.T.: -0.008 min
Response: 1968388
Conc: 20.46 ug/ml



#20 n-Hexatriacontane (C36)

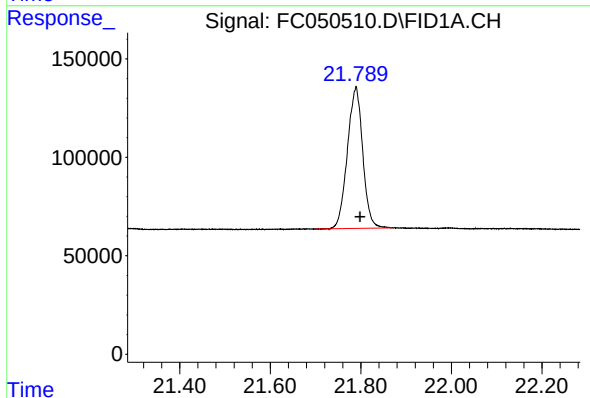
R.T.: 20.115 min
Delta R.T.: -0.007 min
Response: 1836149
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: -0.009 min
Response: 1694377
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: -0.010 min
Response: 1688329
Conc: 20.18 ug/ml