

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062022AL\
 Data File : FC060387.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jun 2022 14:56
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 22 03:26:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.651	2680998	17.227 ug/ml
Spiked Amount 50.000		Recovery =	34.45%
12) S 1-chlorooctadecane (S...	12.022	2097199	16.914 ug/ml
Spiked Amount 50.000		Recovery =	33.83%
Target Compounds			
1) T n-Nonane (C9)	2.624	2398343	18.739 ug/ml
2) T n-Decane (C10)	3.623	2416796	18.891 ug/ml
3) T A~Naphthalene (C11.7)	5.165	2551669	17.654 ug/ml
4) T n-Dodecane (C12)	5.577	2586457	19.402 ug/ml
5) T A~2-methylnaphthalene...	6.190	2511484	17.112 ug/ml
6) T n-Tetradecane (C14)	7.329	2596429	19.019 ug/ml
7) T n-Hexadecane (C16)	8.894	2609789	18.600 ug/ml
8) T n-Octadecane (C18)	10.305	2578253	18.016 ug/ml
10) T n-Eicosane (C20)	11.585	2477134	17.363 ug/ml
11) T n-Heneicosane (C21)	12.183	2439738	17.021 ug/ml
13) T n-Docosane (C22)	12.758	2388509	16.762 ug/ml
14) T n-Tetracosane (C24)	13.837	2303318	16.414 ug/ml
15) T n-Hexacosane (C26)	14.836	2256029	16.660 ug/ml
16) T n-Octacosane (C28)	15.764	2265703	17.397 ug/ml
17) T n-Tricontane (C30)	16.632	2346028	19.163 ug/ml
18) T n-Dotriacontane (C32)	17.446	2307438	20.695 ug/ml
19) T n-Tetratriacontane (C34)	18.213	2170080	21.276 ug/ml
20) T n-Hexatriacontane (C36)	18.935	2037398	21.515 ug/ml
21) T n-Octatriacontane (C38)	19.619	1946221	21.094 ug/ml
22) T n-Tetracontane (C40)	20.268	1862022	19.791 ug/ml

(f)=RT Delta > 1/2 Window

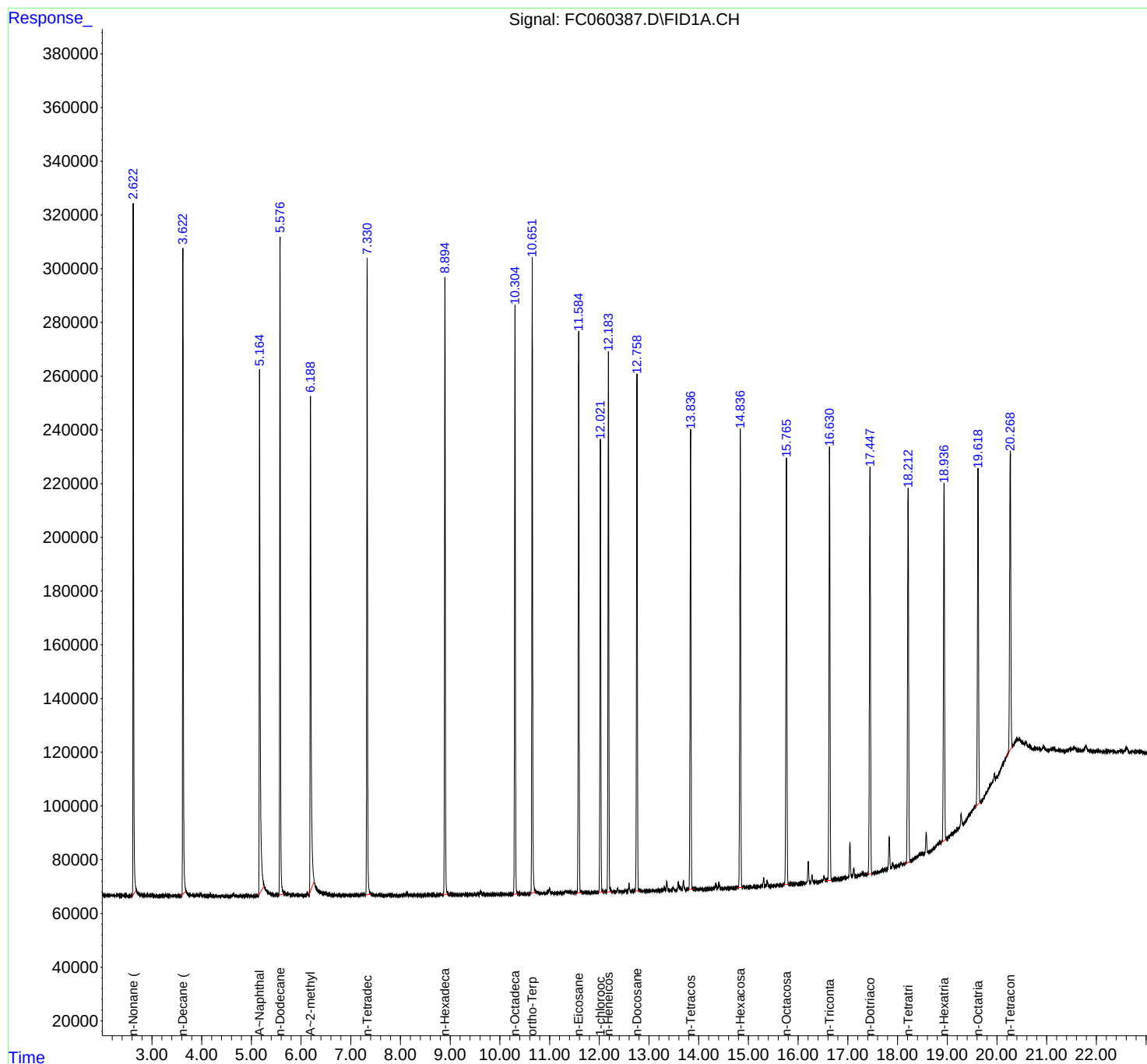
(m)=manual int.

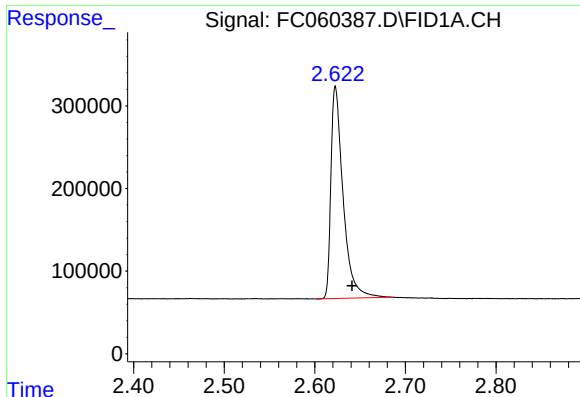
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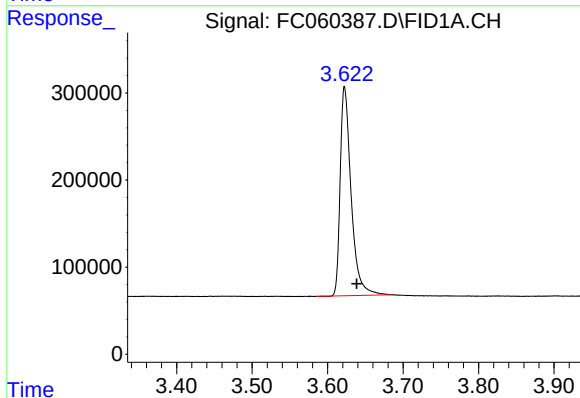




#1 n-Nonane (C9)

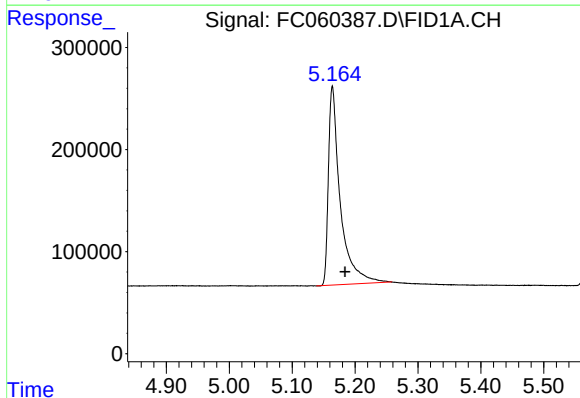
R.T.: 2.624 min
Delta R.T.: -0.017 min
Response: 2398343
Conc: 18.74 ug/ml

Instrument :
FID_C
ClientSampleId :



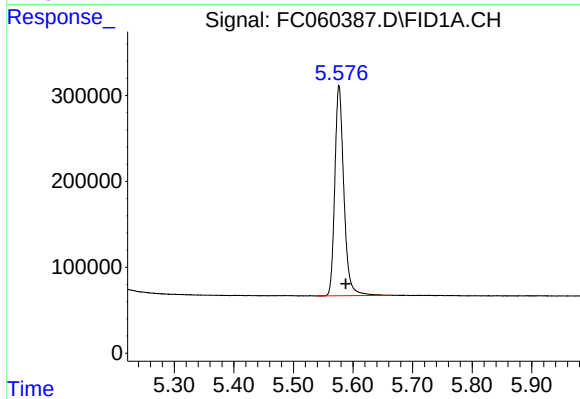
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.016 min
Response: 2416796
Conc: 18.89 ug/ml



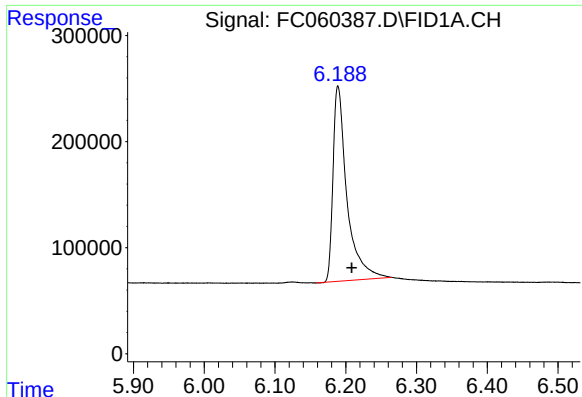
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.019 min
Response: 2551669
Conc: 17.65 ug/ml



#4 n-Dodecane (C12)

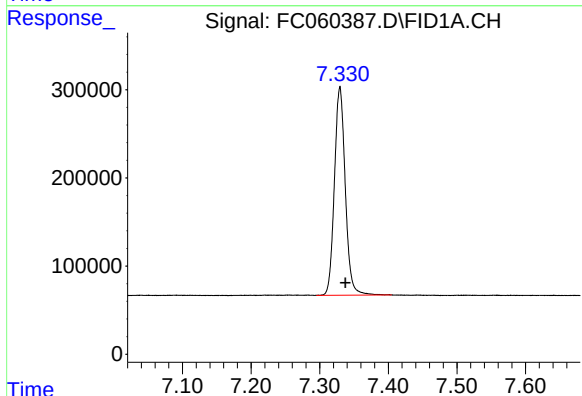
R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 2586457
Conc: 19.40 ug/ml



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

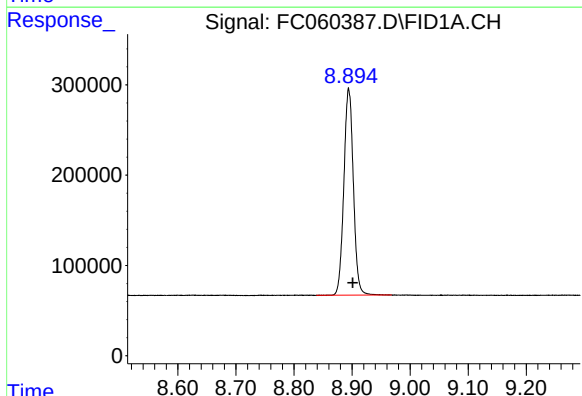
R.T.: 6.190 min
Delta R.T.: -0.019 min
Response: 2511484
Conc: 17.11 ug/ml

Instrument :
FID_C
ClientSampleId :



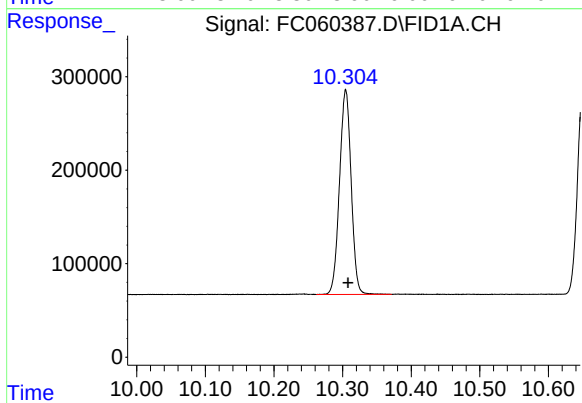
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.008 min
Response: 2596429
Conc: 19.02 ug/ml



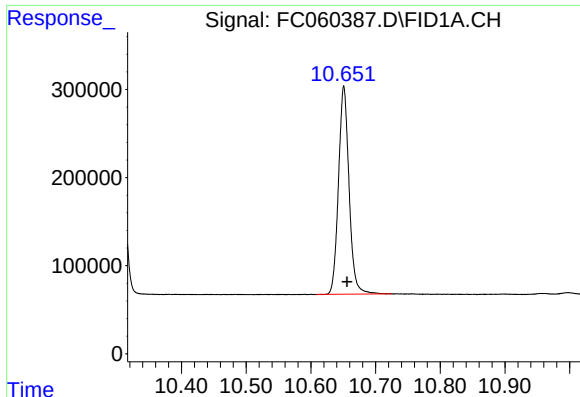
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.007 min
Response: 2609789
Conc: 18.60 ug/ml



#8 n-Octadecane (C18)

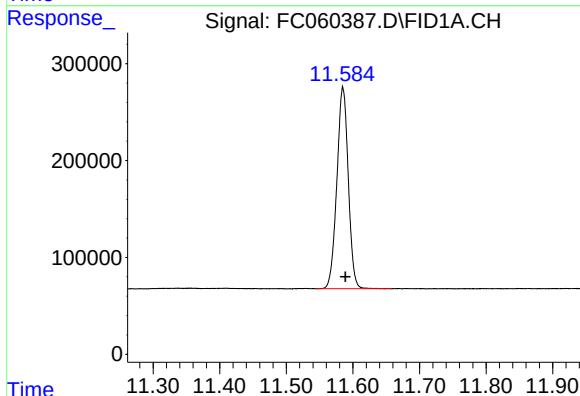
R.T.: 10.305 min
Delta R.T.: -0.004 min
Response: 2578253
Conc: 18.02 ug/ml



#9 ortho-Terphenyl (SURR)

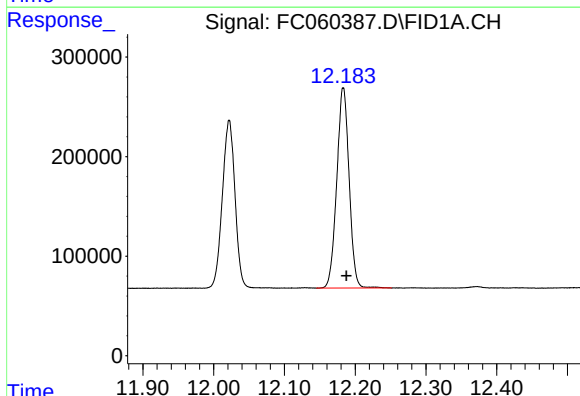
R.T.: 10.651 min
Delta R.T.: -0.005 min
Response: 2680998
Conc: 17.23 ug/ml

Instrument :
FID_C
ClientSampleId :



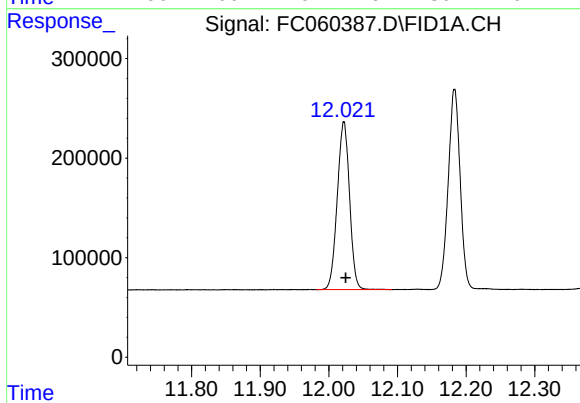
#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.004 min
Response: 2477134
Conc: 17.36 ug/ml



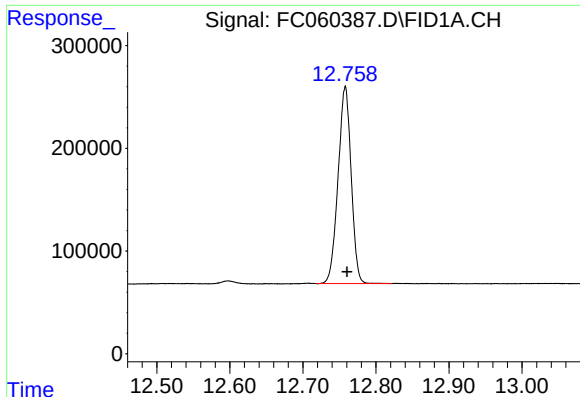
#11 n-Heneicosane (C21)

R.T.: 12.183 min
Delta R.T.: -0.005 min
Response: 2439738
Conc: 17.02 ug/ml



#12 1-chlorooctadecane (SURR)

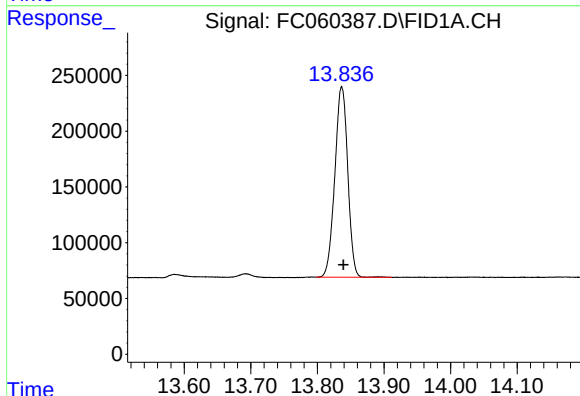
R.T.: 12.022 min
Delta R.T.: -0.003 min
Response: 2097199
Conc: 16.91 ug/ml



#13 n-Docosane (C22)

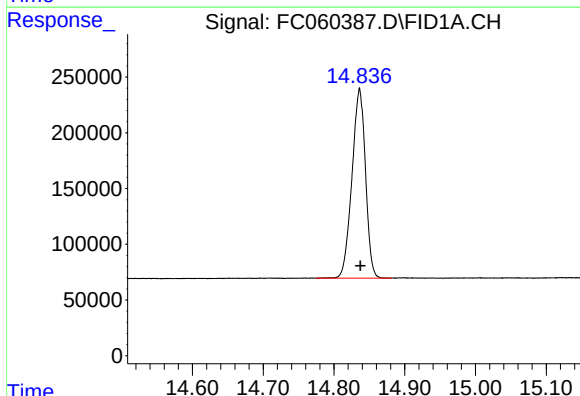
R.T.: 12.758 min
Delta R.T.: -0.003 min
Response: 2388509
Conc: 16.76 ug/ml

Instrument :
FID_C
ClientSampleId :



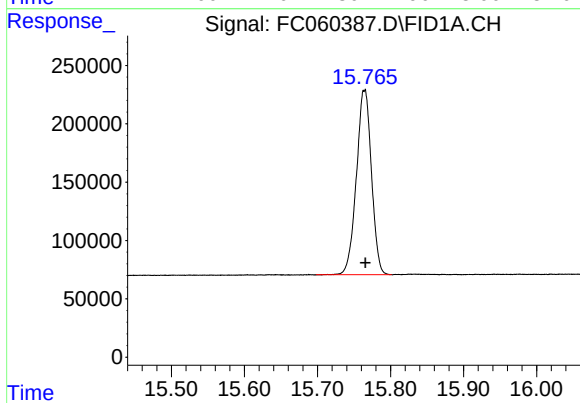
#14 n-Tetracosane (C24)

R.T.: 13.837 min
Delta R.T.: -0.002 min
Response: 2303318
Conc: 16.41 ug/ml



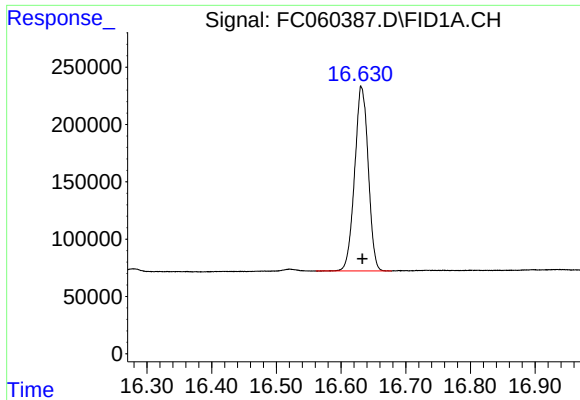
#15 n-Hexacosane (C26)

R.T.: 14.836 min
Delta R.T.: -0.001 min
Response: 2256029
Conc: 16.66 ug/ml



#16 n-Octacosane (C28)

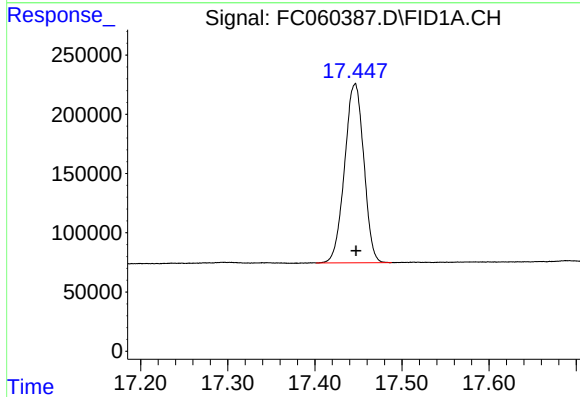
R.T.: 15.764 min
Delta R.T.: -0.002 min
Response: 2265703
Conc: 17.40 ug/ml



#17 n-Tricontane (C30)

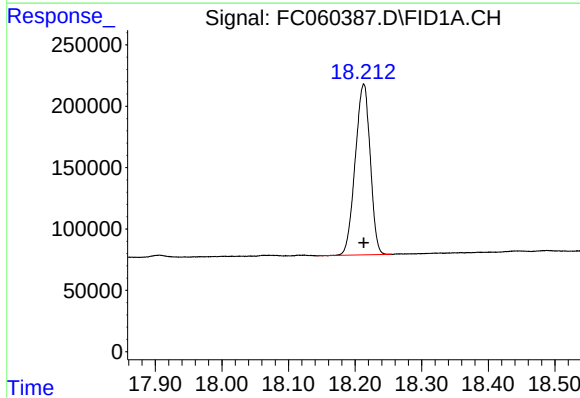
R.T.: 16.632 min
Delta R.T.: 0.000 min
Response: 2346028
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :



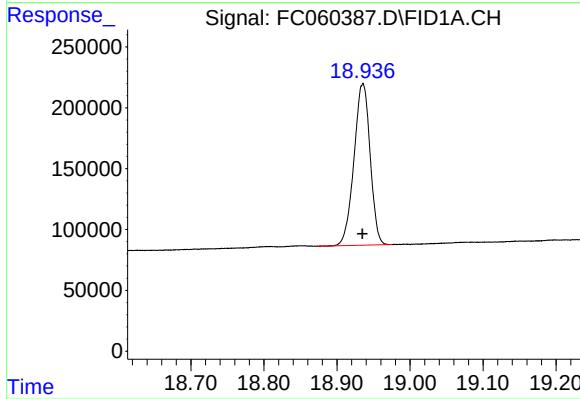
#18 n-Dotriacontane (C32)

R.T.: 17.446 min
Delta R.T.: -0.001 min
Response: 2307438
Conc: 20.70 ug/ml



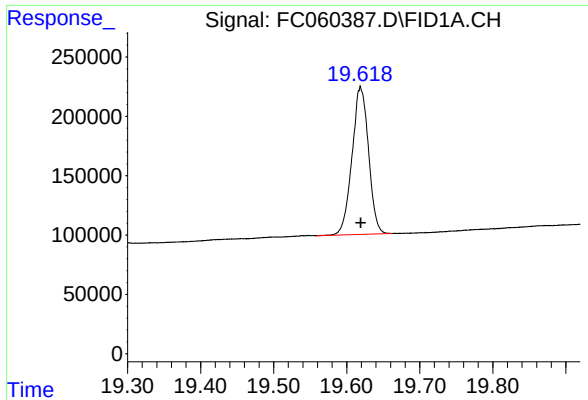
#19 n-Tetratriacontane (C34)

R.T.: 18.213 min
Delta R.T.: 0.000 min
Response: 2170080
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

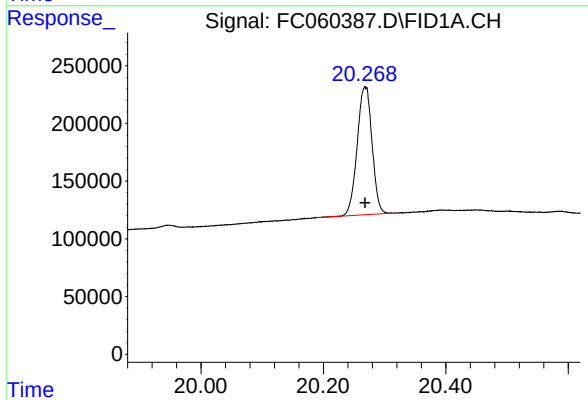
R.T.: 18.935 min
Delta R.T.: 0.000 min
Response: 2037398
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 1946221
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.268 min
Delta R.T.: 0.000 min
Response: 1862022
Conc: 19.79 ug/ml