

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061522AL\
 Data File : FC060263.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jun 2022 15:55
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 16 02:10:55 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)	10.648	2714822	17.445 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
12) S 1-chlorooctadecane (S...	12.018	2153599	17.369 ug/ml
Spiked Amount 50.000		Recovery =	34.74%
Target Compounds			
1) T n-Nonane (C9)	2.627	2471814	19.313 ug/ml
2) T n-Decane (C10)	3.625	2475495	19.350 ug/ml
3) T A~Naphthalene (C11.7)	5.163	2754760	19.059 ug/ml
4) T n-Dodecane (C12)	5.577	2577594	19.336 ug/ml
5) T A~2-methylnaphthalene...	6.187	2754555	18.768 ug/ml
6) T n-Tetradecane (C14)	7.328	2608713	19.109 ug/ml
7) T n-Hexadecane (C16)	8.893	2626690	18.721 ug/ml
8) T n-Octadecane (C18)	10.303	2614613	18.270 ug/ml
10) T n-Eicosane (C20)	11.582	2526153	17.706 ug/ml
11) T n-Heneicosane (C21)	12.180	2500898	17.448 ug/ml
13) T n-Docosane (C22)	12.754	2447779	17.178 ug/ml
14) T n-Tetracosane (C24)	13.832	2337133	16.655 ug/ml
15) T n-Hexacosane (C26)	14.831	2231707	16.480 ug/ml
16) T n-Octacosane (C28)	15.760	2168183	16.648 ug/ml
17) T n-Tricontane (C30)	16.627	2127217	17.376 ug/ml
18) T n-Dotriacontane (C32)	17.441	2048311	18.371 ug/ml
19) T n-Tetratriacontane (C34)	18.206	1954205	19.160 ug/ml
20) T n-Hexatriacontane (C36)	18.927	1867701	19.723 ug/ml
21) T n-Octatriacontane (C38)	19.613	1829494	19.829 ug/ml
22) T n-Tetracontane (C40)	20.260	1873367	19.911 ug/ml

(f)=RT Delta > 1/2 Window

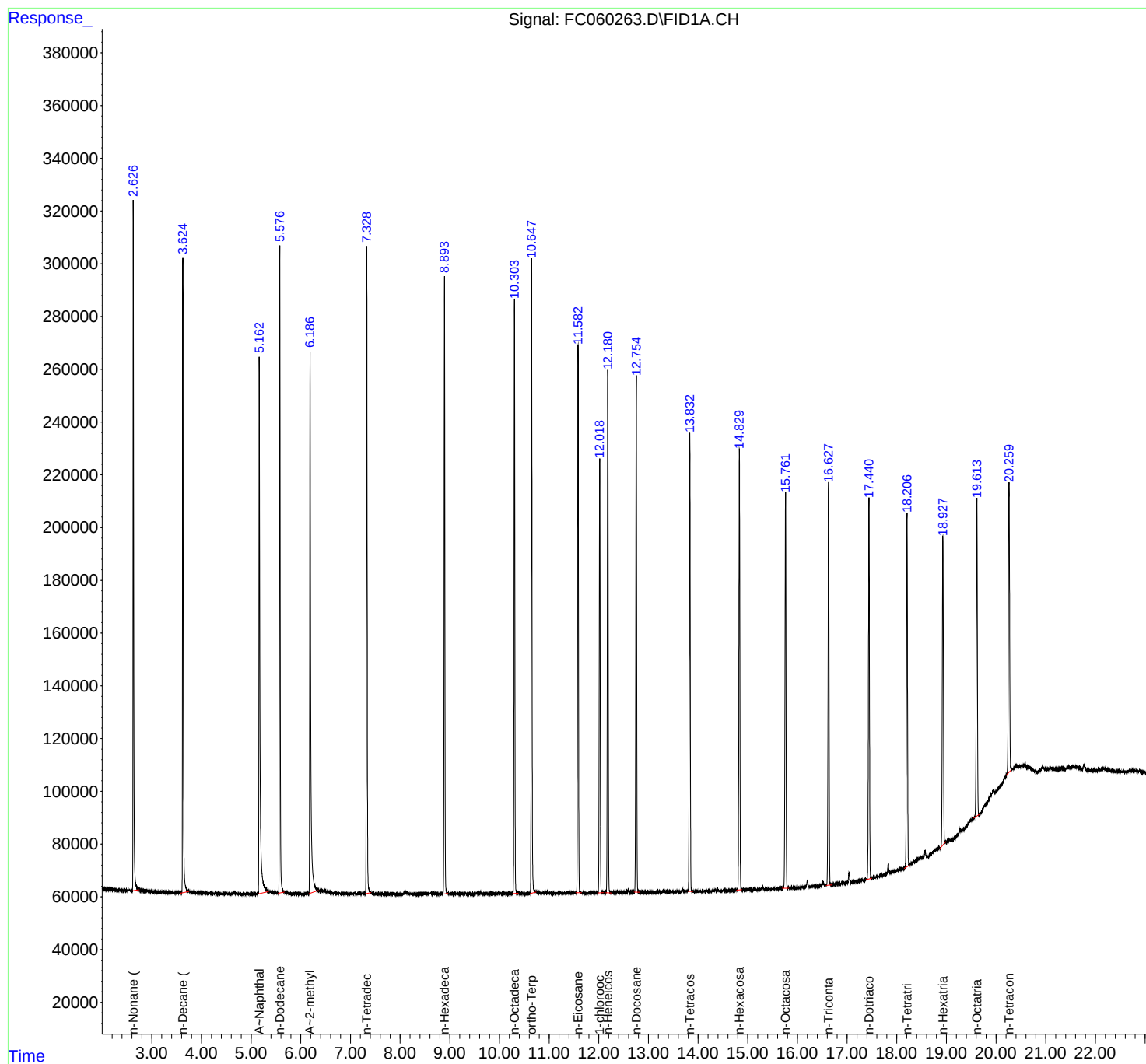
(m)=manual int.

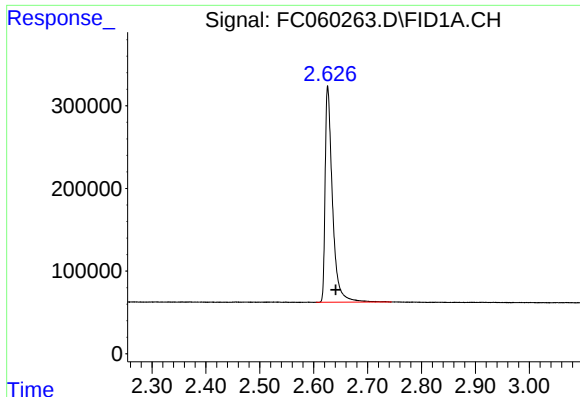
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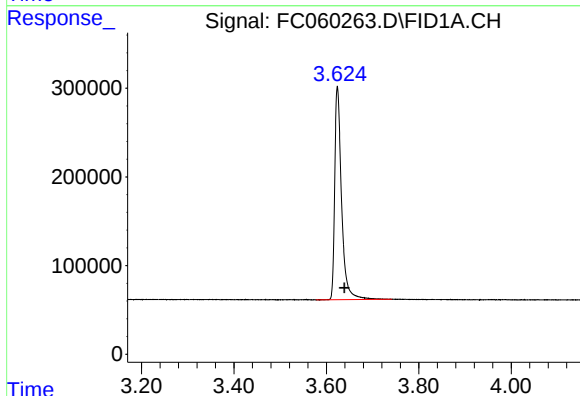




#1 n-Nonane (C9)

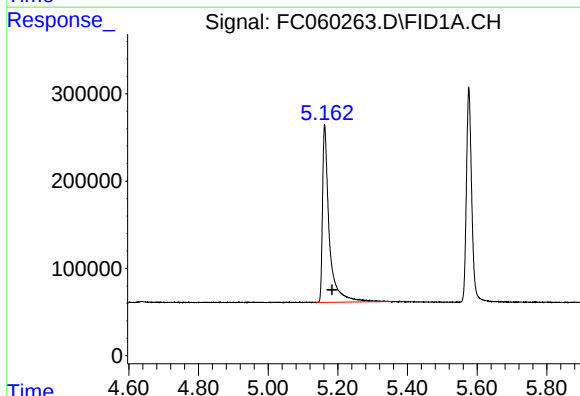
R.T.: 2.627 min
Delta R.T.: -0.014 min
Response: 2471814
Conc: 19.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



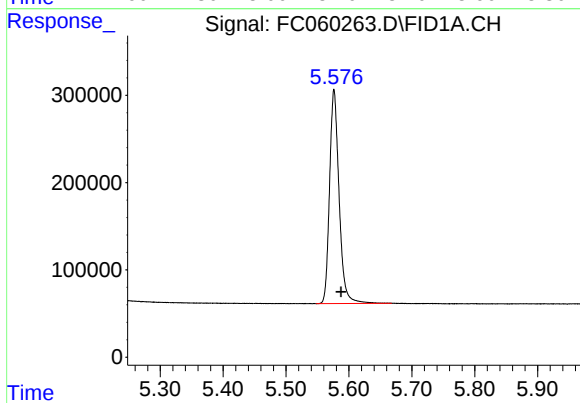
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 2475495
Conc: 19.35 ug/ml



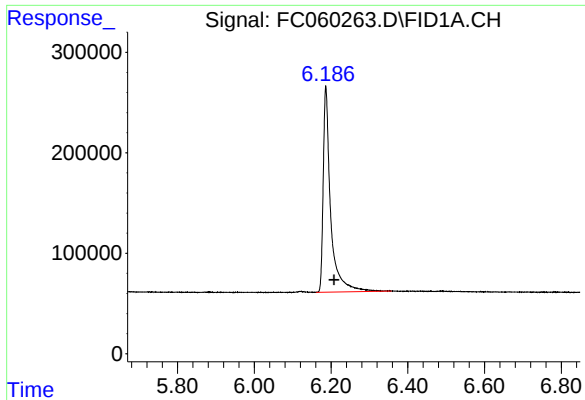
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 2754760
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

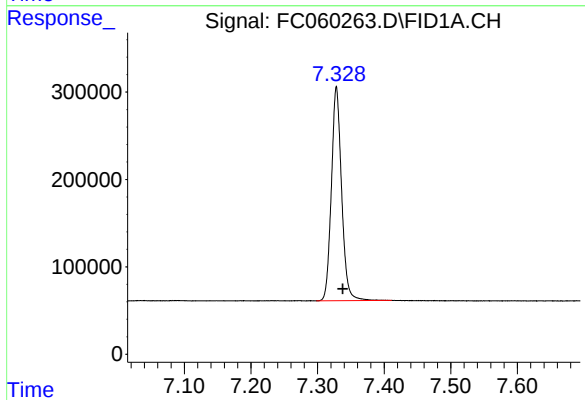
R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 2577594
Conc: 19.34 ug/ml



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

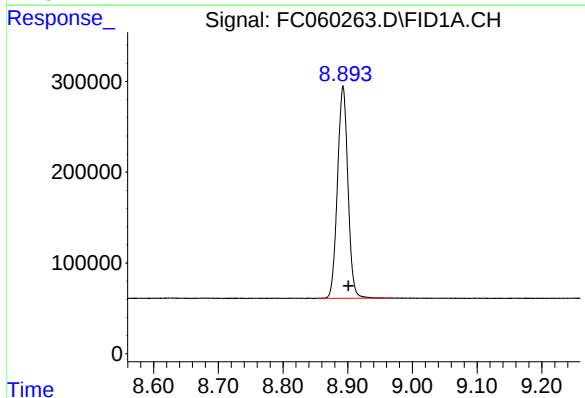
R.T.: 6.187 min
Delta R.T.: -0.021 min
Response: 2754555
Conc: 18.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



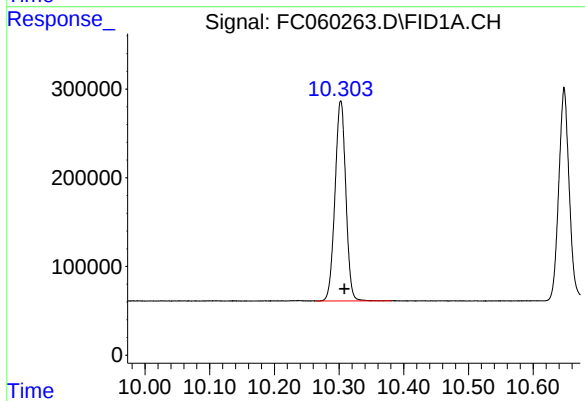
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 2608713
Conc: 19.11 ug/ml



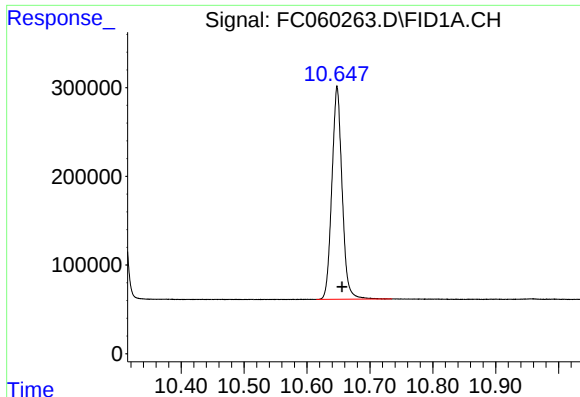
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.009 min
Response: 2626690
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

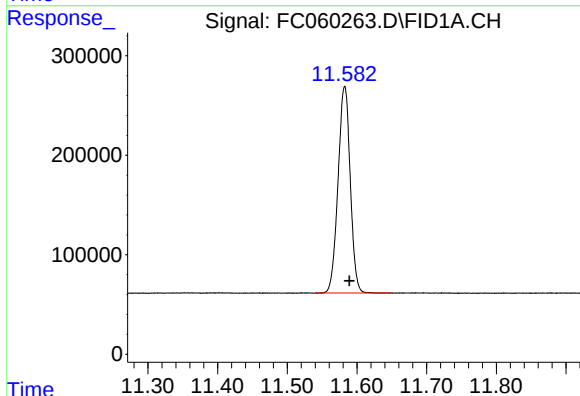
R.T.: 10.303 min
Delta R.T.: -0.006 min
Response: 2614613
Conc: 18.27 ug/ml



#9 ortho-Terphenyl (SURRE)

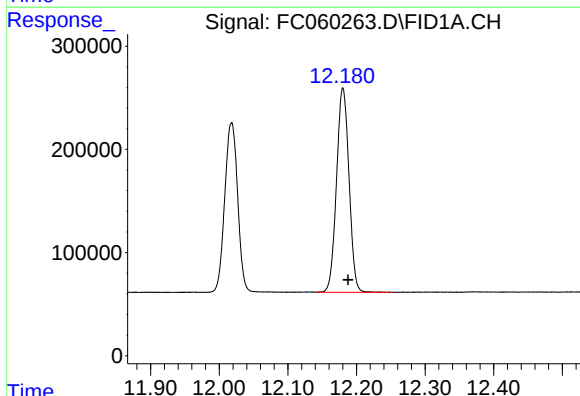
R.T.: 10.648 min
Delta R.T.: -0.008 min
Response: 2714822
Conc: 17.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



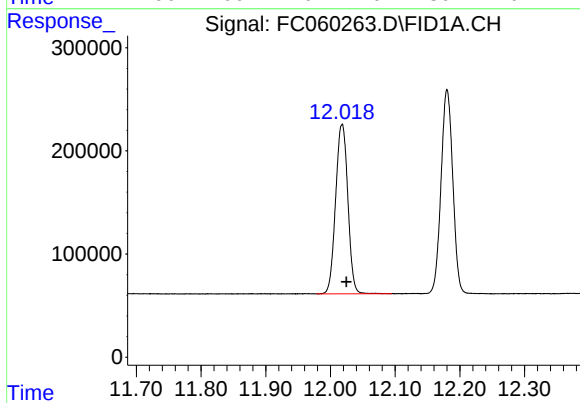
#10 n-Eicosane (C20)

R.T.: 11.582 min
Delta R.T.: -0.007 min
Response: 2526153
Conc: 17.71 ug/ml



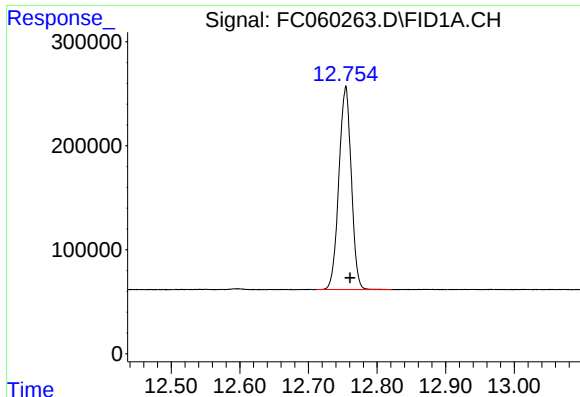
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.007 min
Response: 2500898
Conc: 17.45 ug/ml



#12 1-chlorooctadecane (SURRE)

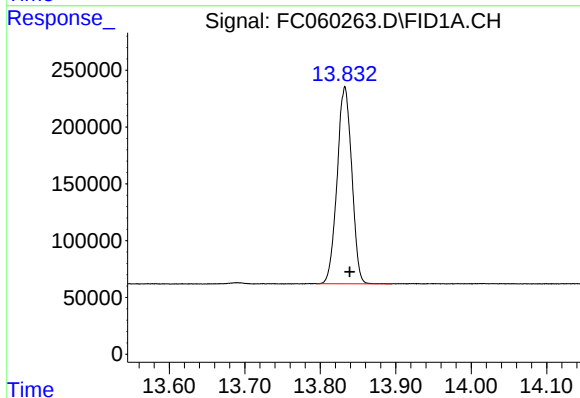
R.T.: 12.018 min
Delta R.T.: -0.007 min
Response: 2153599
Conc: 17.37 ug/ml



#13 n-Docosane (C22)

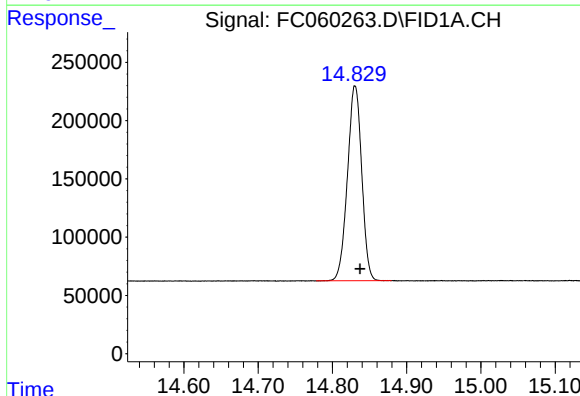
R.T.: 12.754 min
Delta R.T.: -0.007 min
Response: 2447779
Conc: 17.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



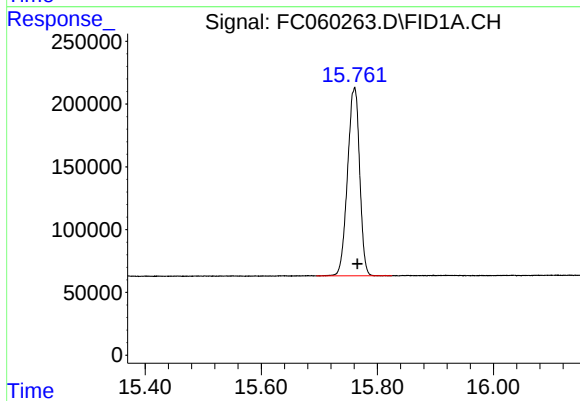
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 2337133
Conc: 16.65 ug/ml



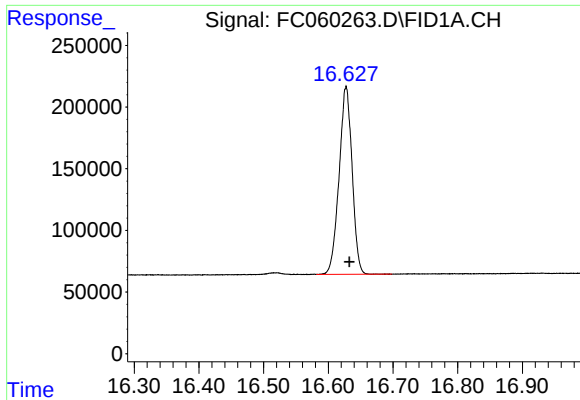
#15 n-Hexacosane (C26)

R.T.: 14.831 min
Delta R.T.: -0.007 min
Response: 2231707
Conc: 16.48 ug/ml



#16 n-Octacosane (C28)

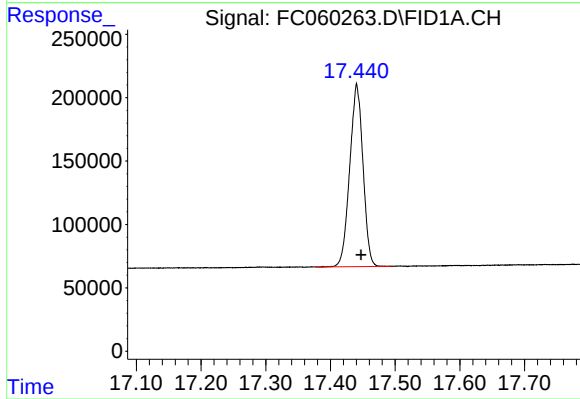
R.T.: 15.760 min
Delta R.T.: -0.006 min
Response: 2168183
Conc: 16.65 ug/ml



#17 n-Tricontane (C30)

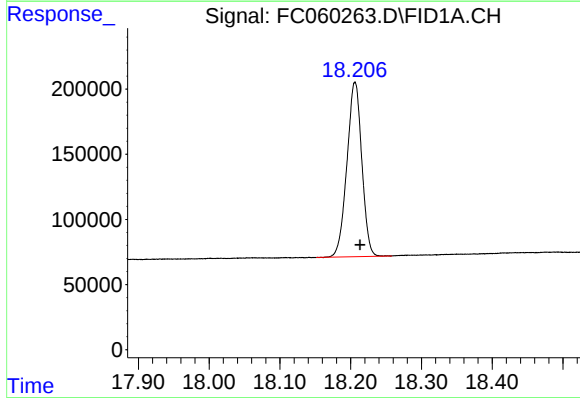
R.T.: 16.627 min
Delta R.T.: -0.005 min
Response: 2127217
Conc: 17.38 ug/ml

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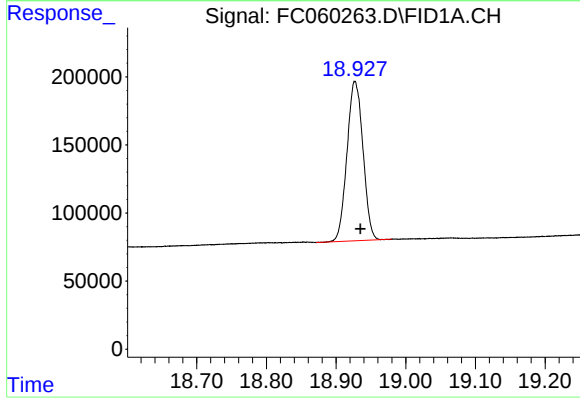
#18 n-Dotriacontane (C32)

R.T.: 17.441 min
Delta R.T.: -0.006 min
Response: 2048311
Conc: 18.37 ug/ml



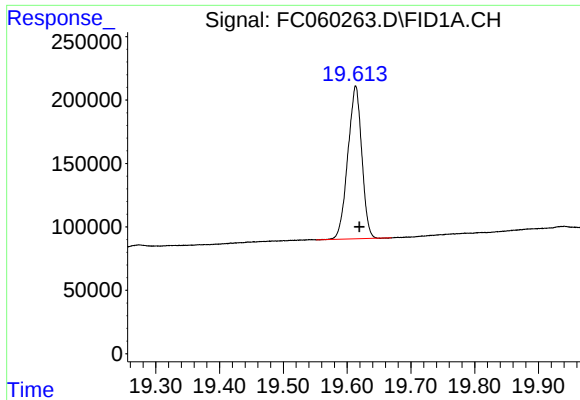
#19 n-Tetratriacontane (C34)

R.T.: 18.206 min
Delta R.T.: -0.007 min
Response: 1954205
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

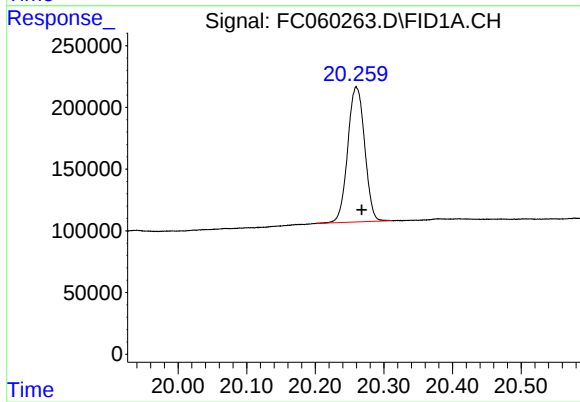
R.T.: 18.927 min
Delta R.T.: -0.008 min
Response: 1867701
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.613 min
Delta R.T.: -0.006 min
Response: 1829494
Conc: 19.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.260 min
Delta R.T.: -0.008 min
Response: 1873367
Conc: 19.91 ug/ml