

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062322AL\
 Data File : FC060432.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2022 2:14
 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 24 05:41:55 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)	10.647	2894002	18.596 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
12) S 1-chlorooctadecane (S...	12.017	2275155	18.350 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
Target Compounds			
1) T n-Nonane (C9)	2.618	2566897	20.056 ug/ml
2) T n-Decane (C10)	3.619	2594062	20.277 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2622785	18.146 ug/ml
4) T n-Dodecane (C12)	5.574	2753281	20.654 ug/ml
5) T A~2-methylnaphthalene...	6.187	2804920	19.111 ug/ml
6) T n-Tetradecane (C14)	7.327	2811210	20.593 ug/ml
7) T n-Hexadecane (C16)	8.891	2825414	20.137 ug/ml
8) T n-Octadecane (C18)	10.301	2788225	19.483 ug/ml
10) T n-Eicosane (C20)	11.581	2685556	18.824 ug/ml
11) T n-Heneicosane (C21)	12.180	2648930	18.480 ug/ml
13) T n-Docosane (C22)	12.753	2610837	18.322 ug/ml
14) T n-Tetracosane (C24)	13.832	2525155	17.994 ug/ml
15) T n-Hexacosane (C26)	14.830	2473803	18.268 ug/ml
16) T n-Octacosane (C28)	15.759	2513305	19.298 ug/ml
17) T n-Tricontane (C30)	16.627	2612345	21.338 ug/ml
18) T n-Dotriacontane (C32)	17.441	2591240	23.241 ug/ml
19) T n-Tetratriacontane (C34)	18.206	2435587	23.879 ug/ml
20) T n-Hexatriacontane (C36)	18.929	2284691	24.126 ug/ml
21) T n-Octatriacontane (C38)	19.611	2176059	23.586 ug/ml
22) T n-Tetracontane (C40)	20.260	2101591	22.337 ug/ml

(f)=RT Delta > 1/2 Window

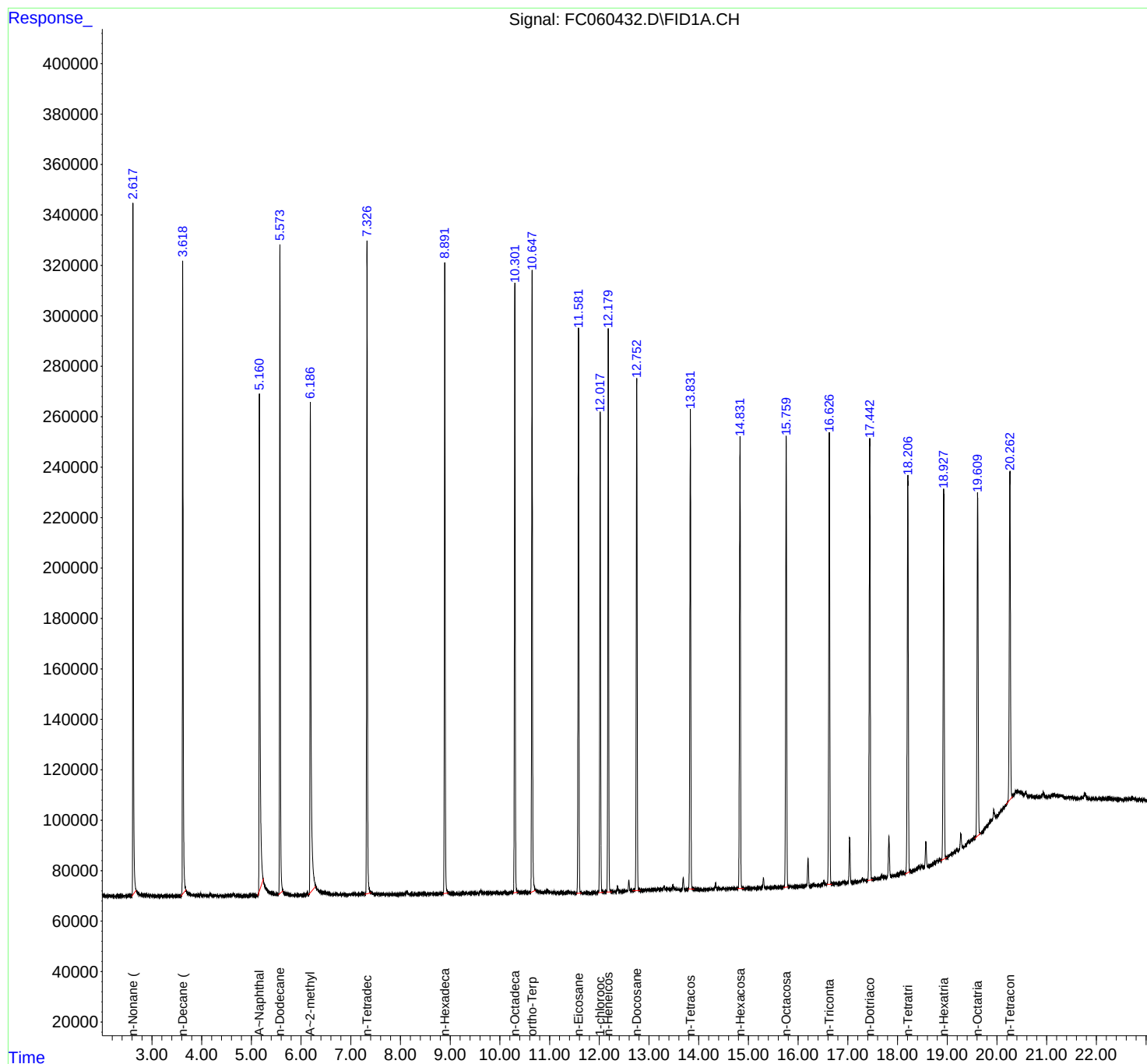
(m)=manual int.

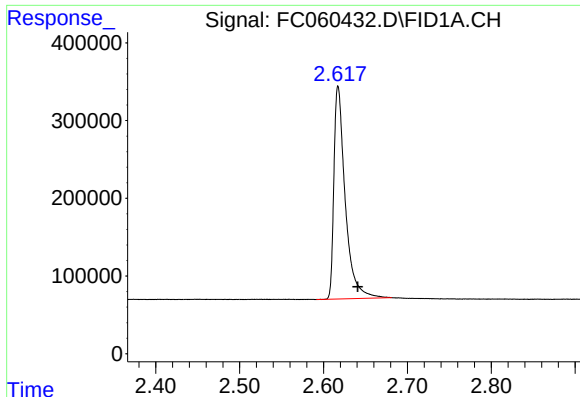
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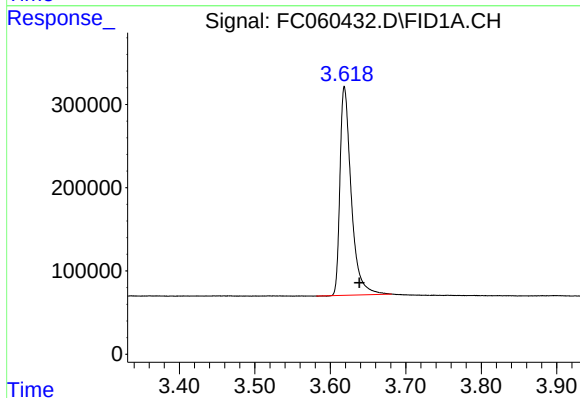




#1 n-Nonane (C9)

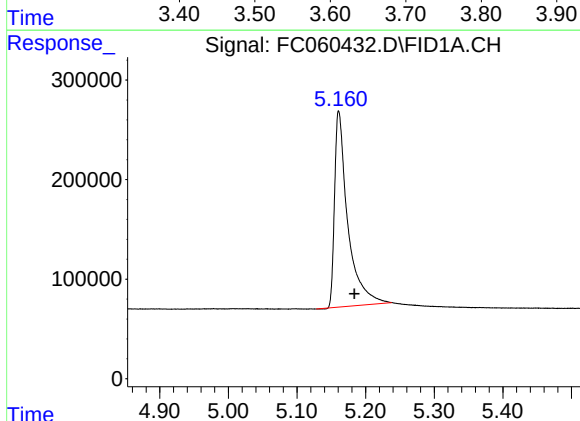
R.T.: 2.618 min
Delta R.T.: -0.023 min
Response: 2566897
Conc: 20.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



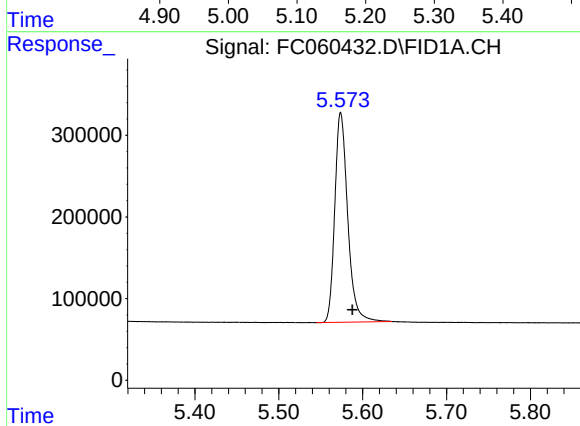
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.019 min
Response: 2594062
Conc: 20.28 ug/ml



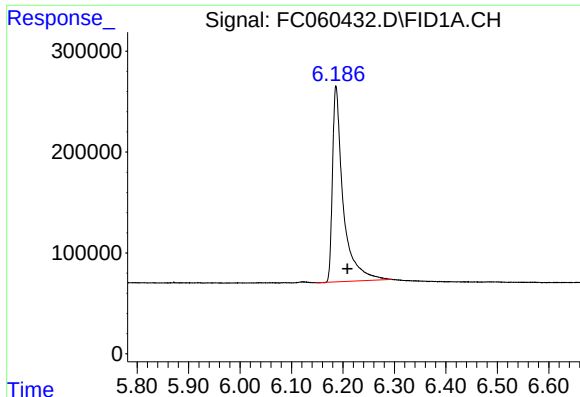
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 2622785
Conc: 18.15 ug/ml



#4 n-Dodecane (C12)

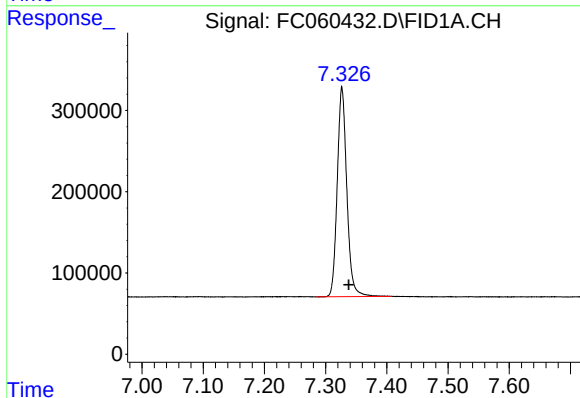
R.T.: 5.574 min
Delta R.T.: -0.014 min
Response: 2753281
Conc: 20.65 ug/ml



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

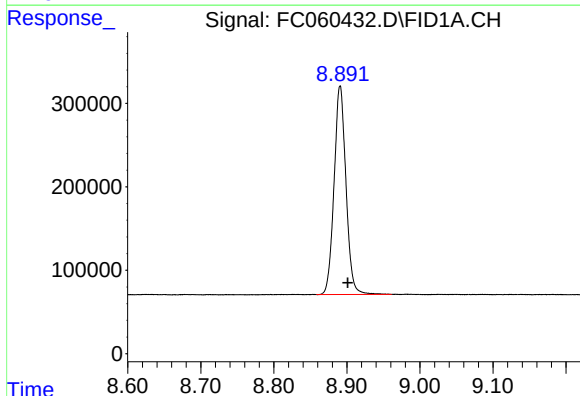
R.T.: 6.187 min
Delta R.T.: -0.021 min
Response: 2804920
Conc: 19.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



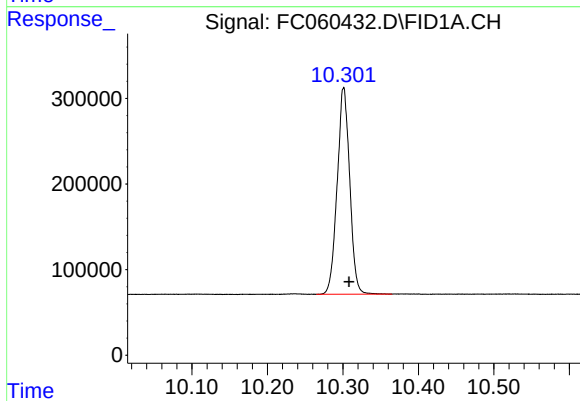
#6 n-Tetradecane (C14)

R.T.: 7.327 min
Delta R.T.: -0.011 min
Response: 2811210
Conc: 20.59 ug/ml



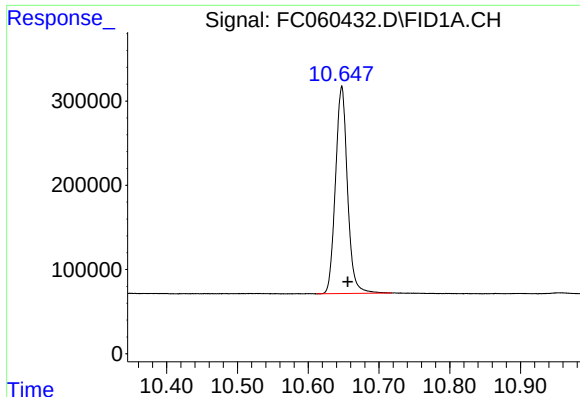
#7 n-Hexadecane (C16)

R.T.: 8.891 min
Delta R.T.: -0.010 min
Response: 2825414
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

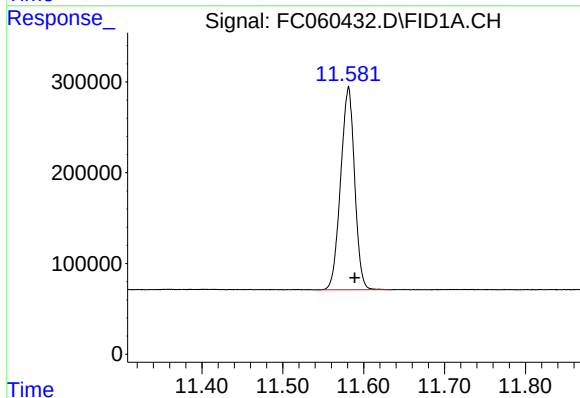
R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2788225
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

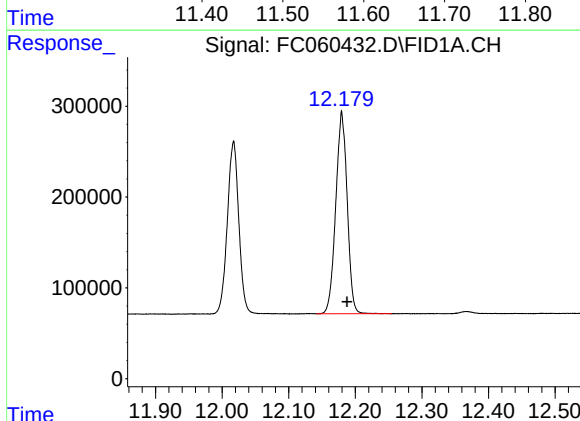
R.T.: 10.647 min
Delta R.T.: -0.008 min
Response: 2894002
Conc: 18.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



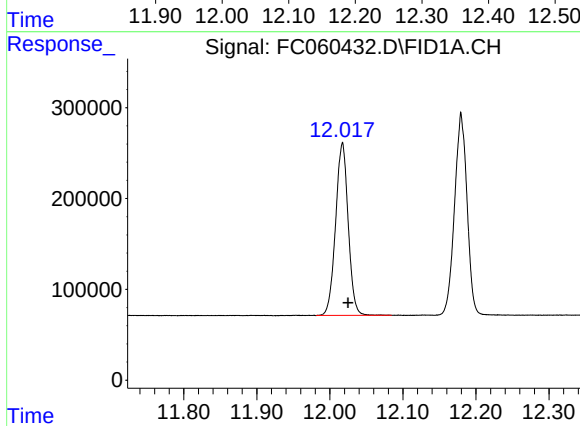
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.008 min
Response: 2685556
Conc: 18.82 ug/ml



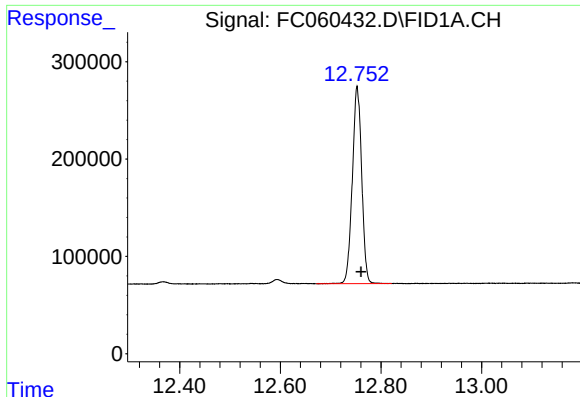
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.008 min
Response: 2648930
Conc: 18.48 ug/ml



#12 1-chlorooctadecane (SURR)

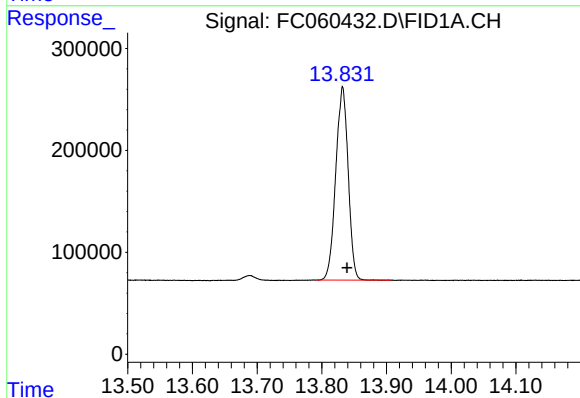
R.T.: 12.017 min
Delta R.T.: -0.008 min
Response: 2275155
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

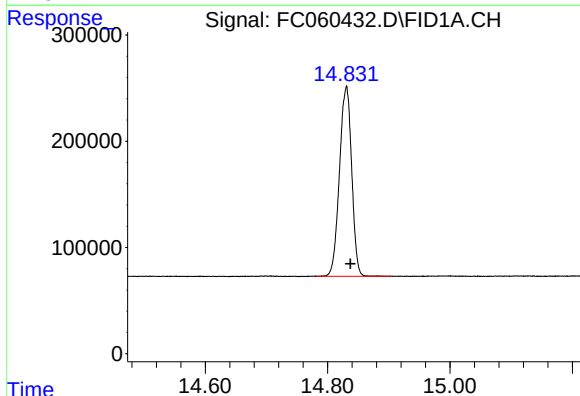
R.T.: 12.753 min
Delta R.T.: -0.008 min
Response: 2610837
Conc: 18.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



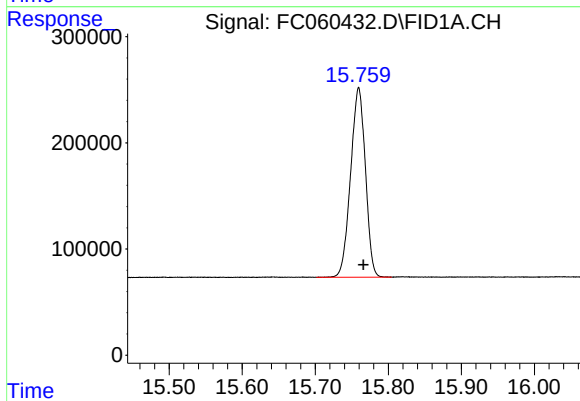
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 2525155
Conc: 17.99 ug/ml



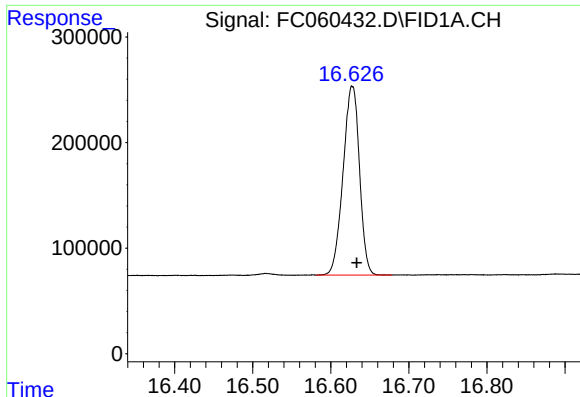
#15 n-Hexacosane (C26)

R.T.: 14.830 min
Delta R.T.: -0.007 min
Response: 2473803
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

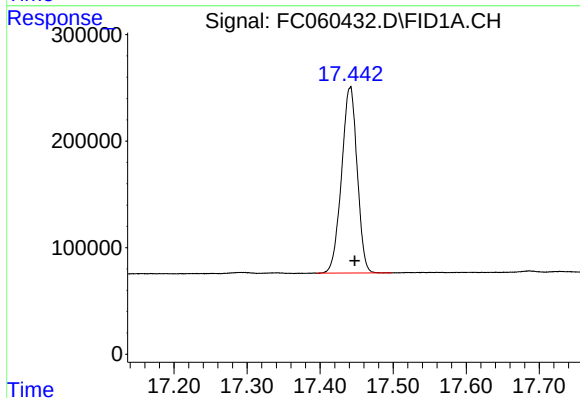
R.T.: 15.759 min
Delta R.T.: -0.006 min
Response: 2513305
Conc: 19.30 ug/ml



#17 n-Tricontane (C30)

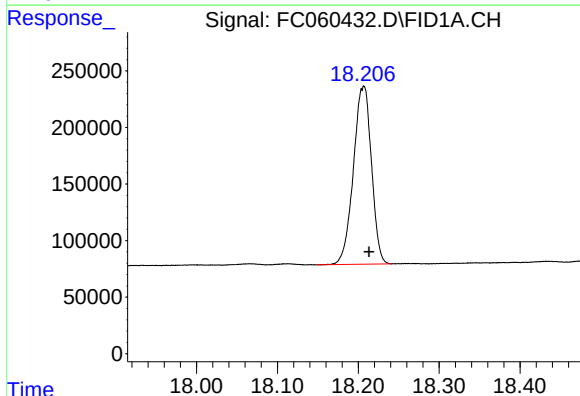
R.T.: 16.627 min
Delta R.T.: -0.006 min
Response: 2612345
Conc: 21.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



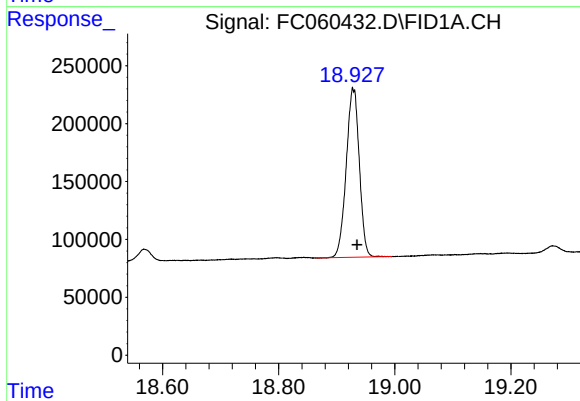
#18 n-Dotriacontane (C32)

R.T.: 17.441 min
Delta R.T.: -0.006 min
Response: 2591240
Conc: 23.24 ug/ml



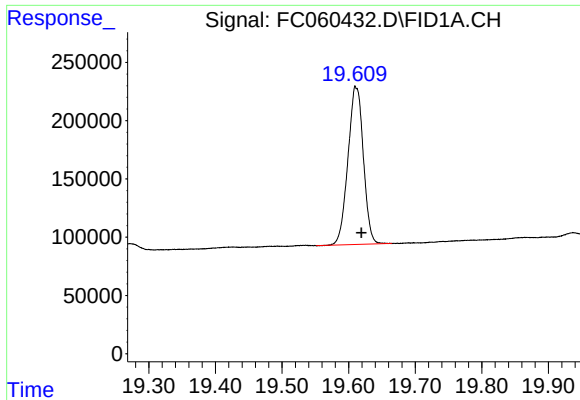
#19 n-Tetratriacontane (C34)

R.T.: 18.206 min
Delta R.T.: -0.007 min
Response: 2435587
Conc: 23.88 ug/ml



#20 n-Hexatriacontane (C36)

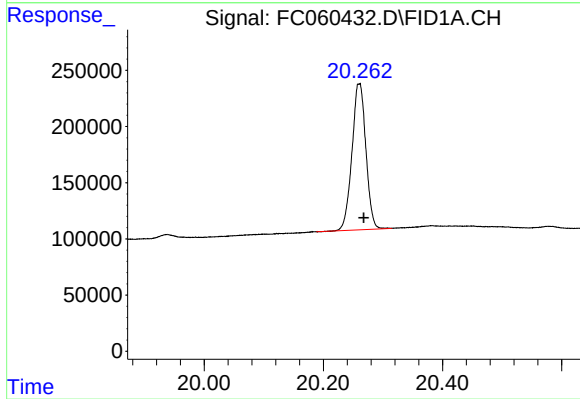
R.T.: 18.929 min
Delta R.T.: -0.006 min
Response: 2284691
Conc: 24.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.611 min
Delta R.T.: -0.008 min
Response: 2176059
Conc: 23.59 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: 2101591
Conc: 22.34 ug/ml