

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011922AL\
 Data File : FD040673.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jan 2022 12:49
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jan 20 01:36:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.606	2856421	18.526 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
12) S 1-chlorooctadecane (S...	12.044	2163879	18.384 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T n-Nonane (C9)	2.560	2430348	18.931 ug/ml
2) T n-Decane (C10)	3.545	2480422	19.263 ug/ml
3) T A~Naphthalene (C11.7)	5.074	2733110	19.237 ug/ml
4) T n-Dodecane (C12)	5.512	2521723	19.730 ug/ml
5) T A~2-methylnaphthalene...	6.113	2744399	19.454 ug/ml
6) T n-Tetradecane (C14)	7.288	2591909	20.008 ug/ml
7) T n-Hexadecane (C16)	8.875	2603439	19.983 ug/ml
8) T n-Octadecane (C18)	10.307	2653241	19.581 ug/ml
10) T n-Eicosane (C20)	11.606	2612568	19.207 ug/ml
11) T n-Heneicosane (C21)	12.214	2573958	18.588 ug/ml
13) T n-Docosane (C22)	12.798	2678052	19.422 ug/ml
14) T n-Tetracosane (C24)	13.894	2867364	20.507 ug/ml
15) T n-Hexacosane (C26)	14.909	2885694	20.934 ug/ml
16) T n-Octacosane (C28)	15.854	2994512	22.069 ug/ml
17) T n-Tricontane (C30)	16.735	3078049	23.616 ug/ml
18) T n-Dotriacontane (C32)	17.564	2849416	23.836 ug/ml
19) T n-Tetratriacontane (C34)	18.343	2503033	23.772 ug/ml
20) T n-Hexatriacontane (C36)	19.079	2119623	20.918 ug/ml
21) T n-Octatriacontane (C38)	19.776	1883156	21.077 ug/ml
22) T n-Tetracontane (C40)	20.571	1783822	20.868 ug/ml

(f)=RT Delta > 1/2 Window

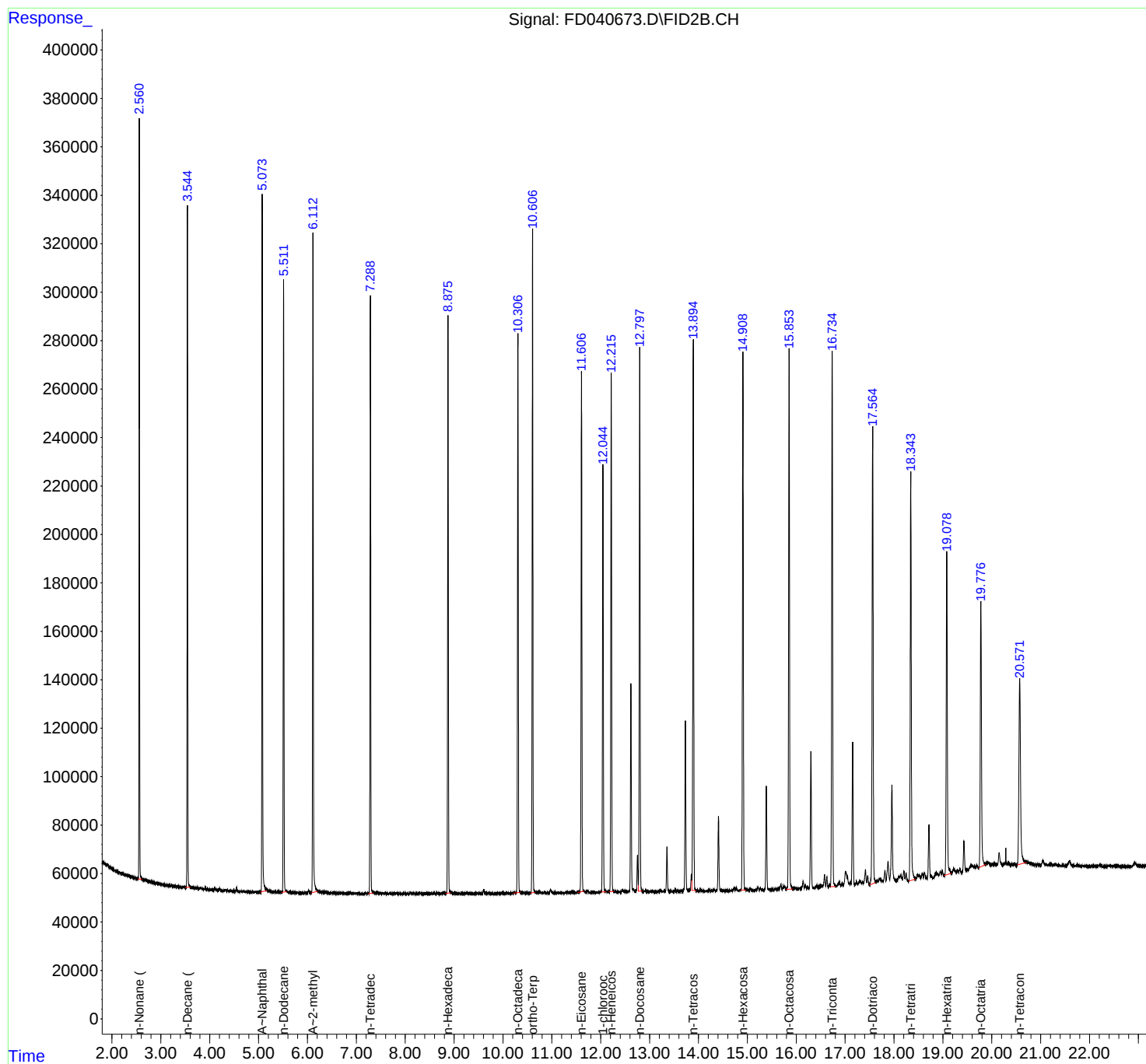
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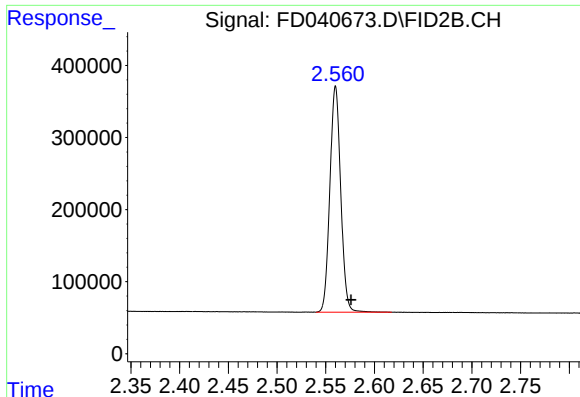
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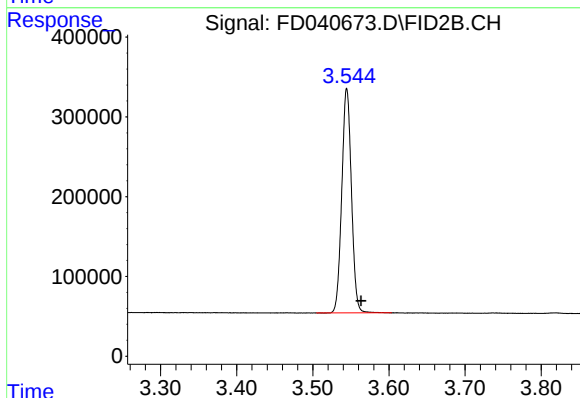




#1 n-Nonane (C9)

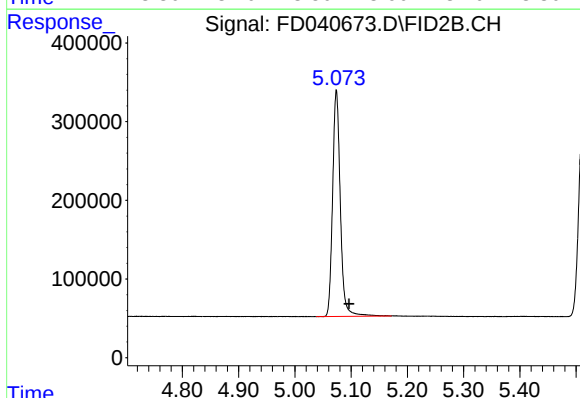
R.T.: 2.560 min
Delta R.T.: -0.016 min
Response: 2430348
Conc: 18.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



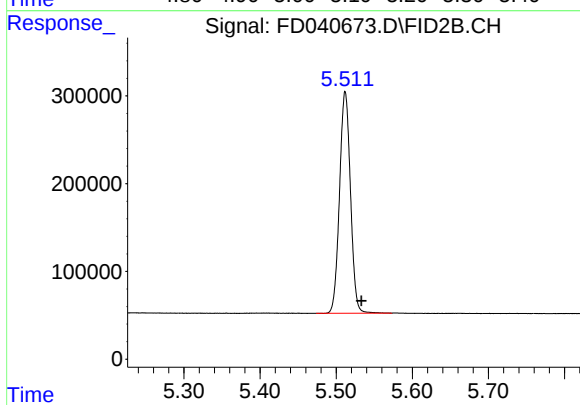
#2 n-Decane (C10)

R.T.: 3.545 min
Delta R.T.: -0.019 min
Response: 2480422
Conc: 19.26 ug/ml



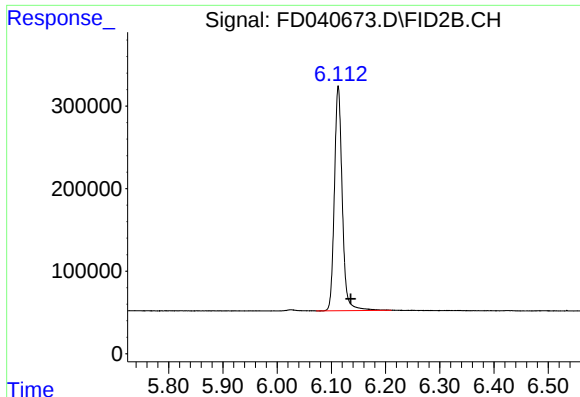
#3 A~Naphthalene (C11.7)

R.T.: 5.074 min
Delta R.T.: -0.022 min
Response: 2733110
Conc: 19.24 ug/ml



#4 n-Dodecane (C12)

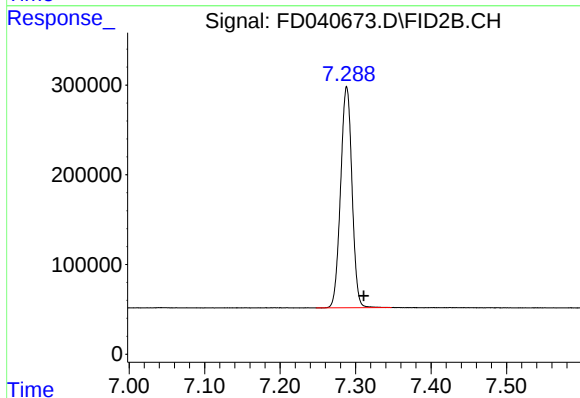
R.T.: 5.512 min
Delta R.T.: -0.021 min
Response: 2521723
Conc: 19.73 ug/ml



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

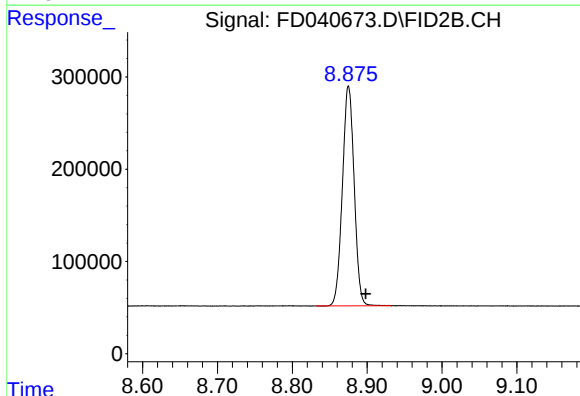
R.T.: 6.113 min
Delta R.T.: -0.023 min
Response: 2744399
Conc: 19.45 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



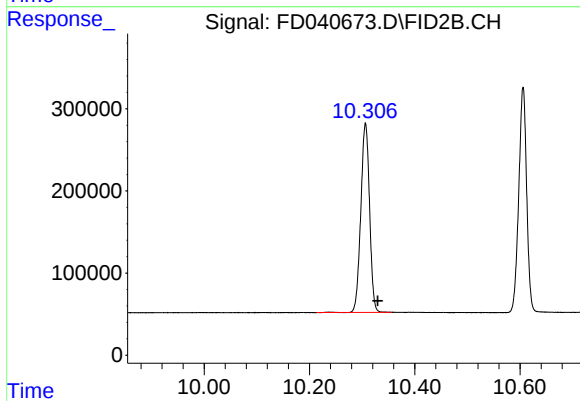
#6 n-Tetradecane (C14)

R.T.: 7.288 min
Delta R.T.: -0.022 min
Response: 2591909
Conc: 20.01 ug/ml



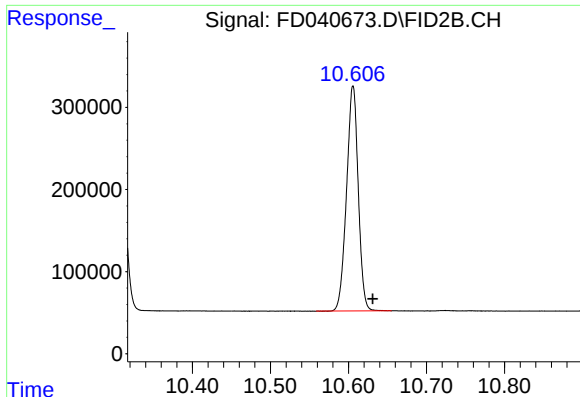
#7 n-Hexadecane (C16)

R.T.: 8.875 min
Delta R.T.: -0.023 min
Response: 2603439
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

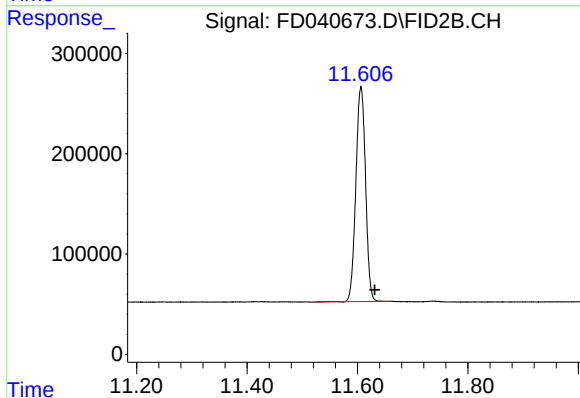
R.T.: 10.307 min
Delta R.T.: -0.023 min
Response: 2653241
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURRE)

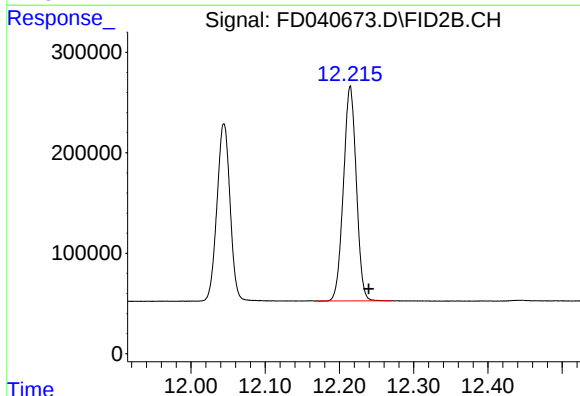
R.T.: 10.606 min
Delta R.T.: -0.025 min
Response: 2856421
Conc: 18.53 ug/ml

Instrument :
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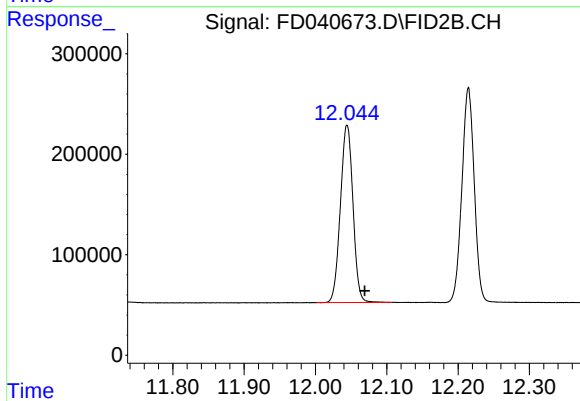
#10 n-Eicosane (C20)

R.T.: 11.606 min
Delta R.T.: -0.025 min
Response: 2612568
Conc: 19.21 ug/ml



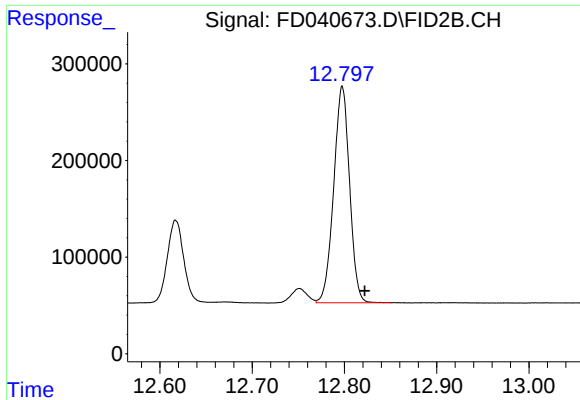
#11 n-Heneicosane (C21)

R.T.: 12.214 min
Delta R.T.: -0.025 min
Response: 2573958
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURRE)

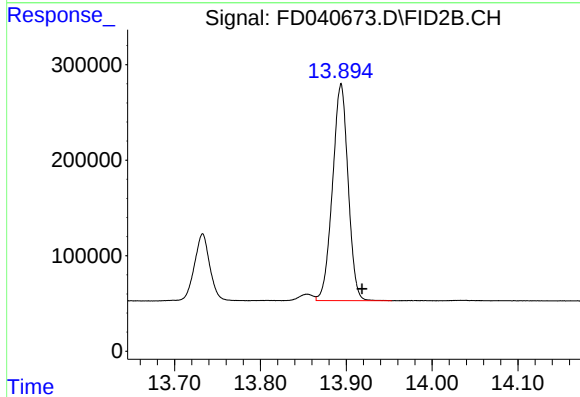
R.T.: 12.044 min
Delta R.T.: -0.025 min
Response: 2163879
Conc: 18.38 ug/ml



#13 n-Docosane (C22)

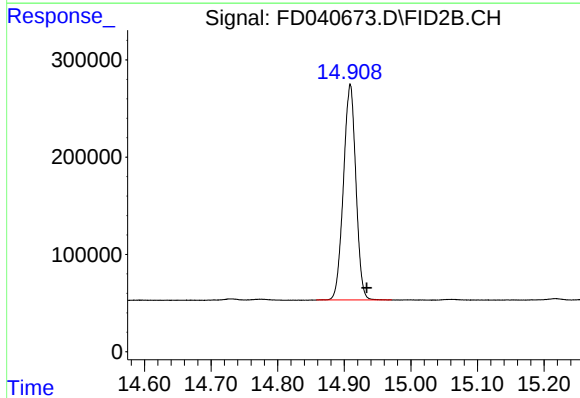
R.T.: 12.798 min
Delta R.T.: -0.024 min
Response: 2678052
Conc: 19.42 ug/ml

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20 PPM ALIPHATIC HC STD



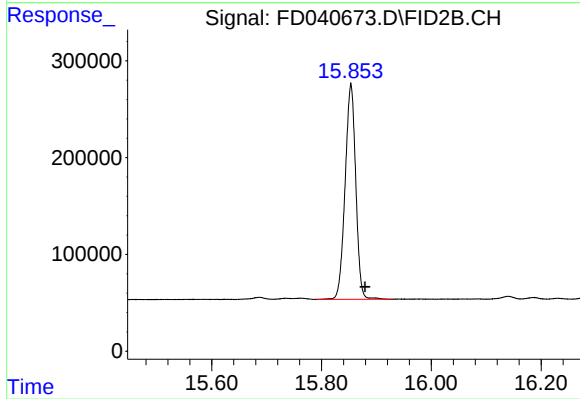
#14 n-Tetracosane (C24)

R.T.: 13.894 min
Delta R.T.: -0.025 min
Response: 2867364
Conc: 20.51 ug/ml



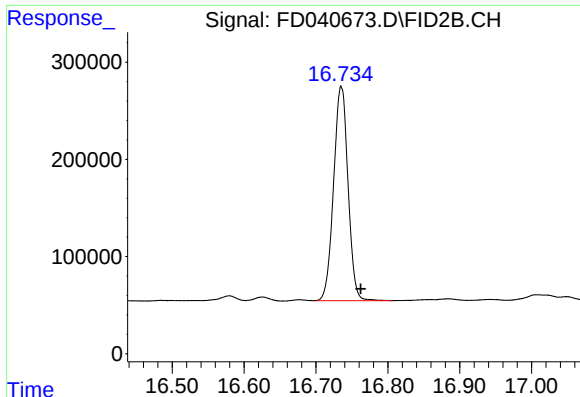
#15 n-Hexacosane (C26)

R.T.: 14.909 min
Delta R.T.: -0.025 min
Response: 2885694
Conc: 20.93 ug/ml



#16 n-Octacosane (C28)

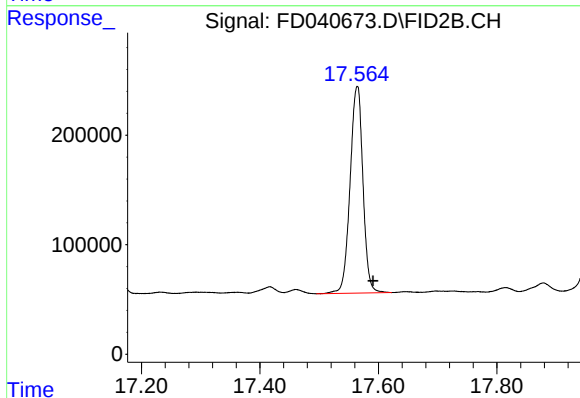
R.T.: 15.854 min
Delta R.T.: -0.026 min
Response: 2994512
Conc: 22.07 ug/ml



#17 n-Tricontane (C30)

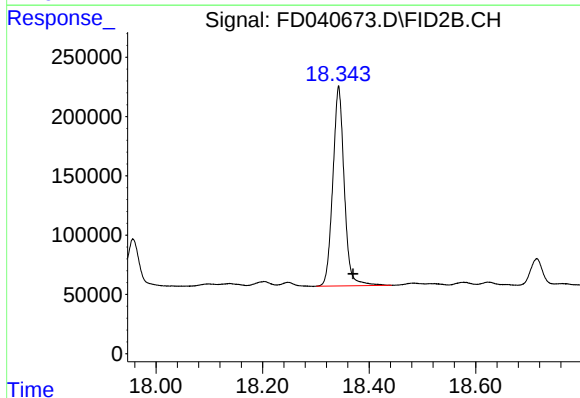
R.T.: 16.735 min
Delta R.T.: -0.027 min
Response: 3078049
Conc: 23.62 ug/ml

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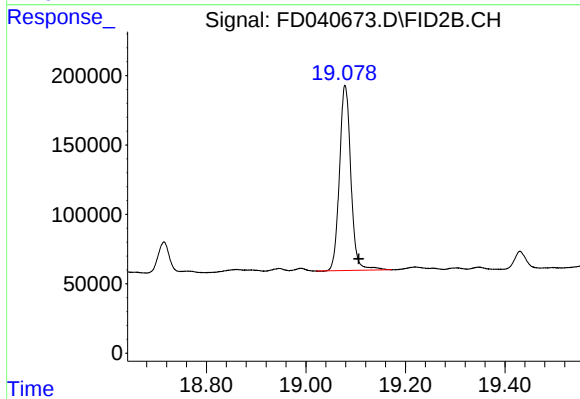
#18 n-Dotriacontane (C32)

R.T.: 17.564 min
Delta R.T.: -0.027 min
Response: 2849416
Conc: 23.84 ug/ml



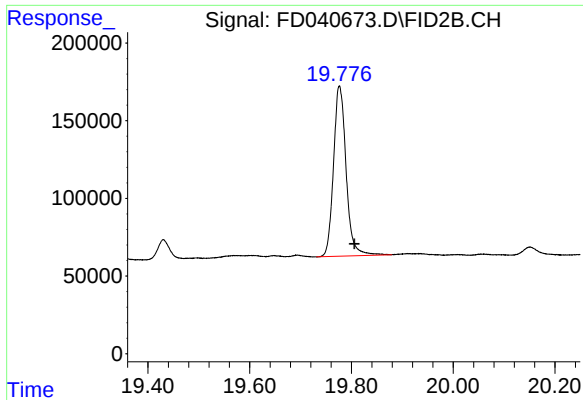
#19 n-Tetratriacontane (C34)

R.T.: 18.343 min
Delta R.T.: -0.027 min
Response: 2503033
Conc: 23.77 ug/ml



#20 n-Hexatriacontane (C36)

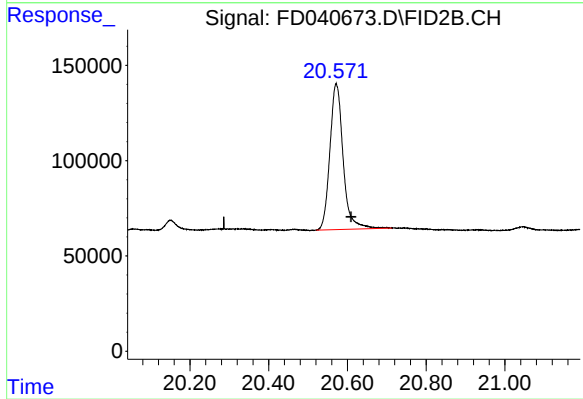
R.T.: 19.079 min
Delta R.T.: -0.028 min
Response: 2119623
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.776 min
Delta R.T.: -0.030 min
Response: 1883156
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.571 min
Delta R.T.: -0.038 min
Response: 1783822
Conc: 20.87 ug/ml