

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072621AL\
 Data File : FD038352.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jul 2021 21:05
 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: autoint1.e
 Quant Time: Jul 27 02:21:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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)	11.404	2767852	19.148 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	12.839	2104082	18.455 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	3.220	2615657	21.525 ug/ml
2) T n-Decane (C10)	4.276	2653286	21.693 ug/ml
3) T A~Naphthalene (C11.7)	5.845	2906975	21.265 ug/ml
4) T n-Dodecane (C12)	6.281	2690722	21.603 ug/ml
5) T A~2-methylnaphthalene...	6.896	2896825	21.031 ug/ml
6) T n-Tetradecane (C14)	8.067	2722718	21.184 ug/ml
7) T n-Hexadecane (C16)	9.660	2695818	20.803 ug/ml
8) T n-Octadecane (C18)	11.095	2694937	20.011 ug/ml
10) T n-Eicosane (C20)	12.398	2571644	19.146 ug/ml
11) T n-Heneicosane (C21)	13.006	2547838	18.753 ug/ml
13) T n-Docosane (C22)	13.589	2476995	18.409 ug/ml
14) T n-Tetracosane (C24)	14.686	2407425	17.829 ug/ml
15) T n-Hexacosane (C26)	15.703	2261186	17.162 ug/ml
16) T n-Octacosane (C28)	16.648	2207484	16.930 ug/ml
17) T n-Tricontane (C30)	17.531	2165610	16.946 ug/ml
18) T n-Dotriacontane (C32)	18.360	2202677	17.901 ug/ml
19) T n-Tetratriacontane (C34)	19.139	2160781	18.452 ug/ml
20) T n-Hexatriacontane (C36)	19.875	2020932	18.505 ug/ml
21) T n-Octatriacontane (C38)	20.579	2021849	20.074 ug/ml
22) T n-Tetracontane (C40)	21.403	2276060	23.271 ug/ml

(f)=RT Delta > 1/2 Window

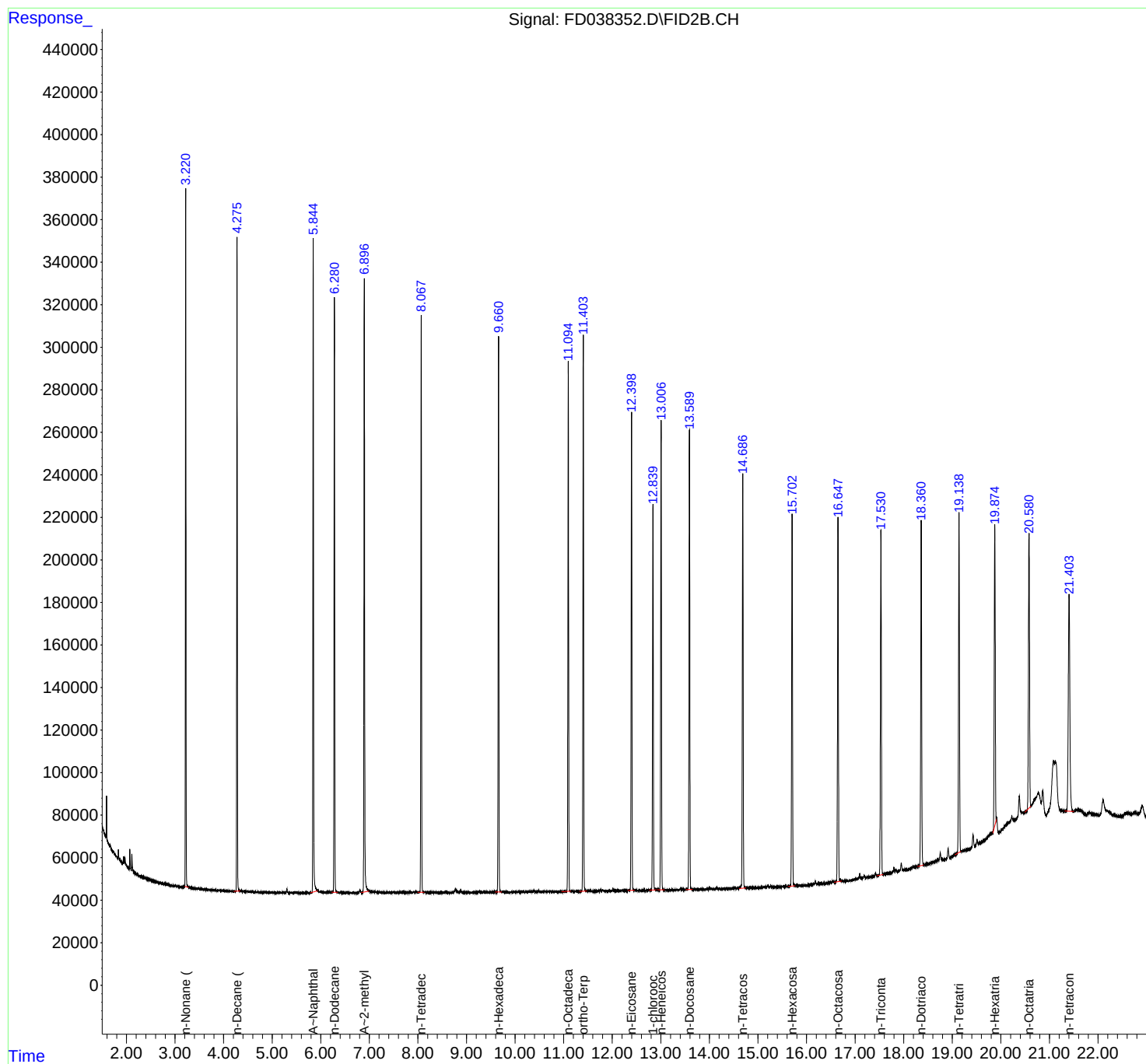
(m)=manual int.

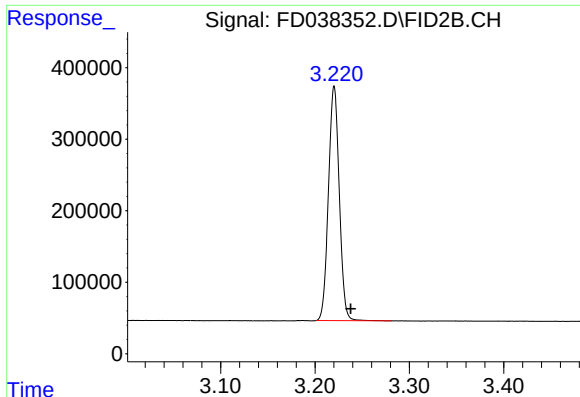
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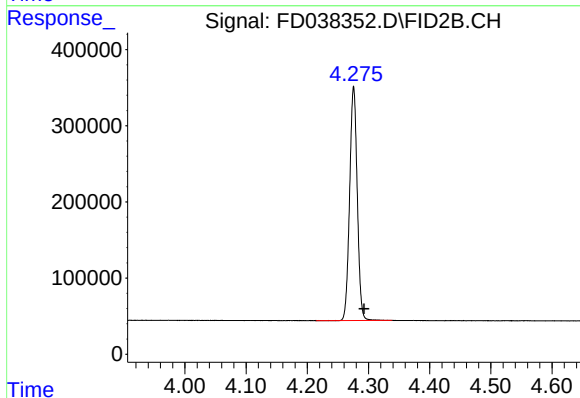




#1 n-Nonane (C9)

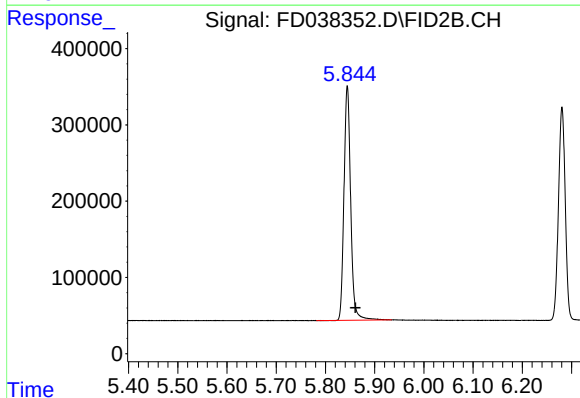
R.T.: 3.220 min
Delta R.T.: -0.018 min
Response: 2615657
Conc: 21.53 ug/ml

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20 PPM ALIPHATIC HC STD



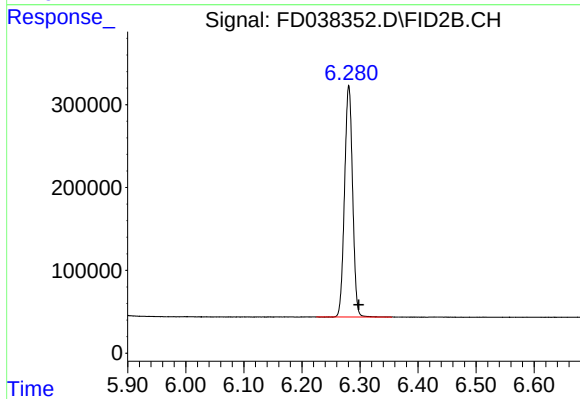
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.017 min
Response: 2653286
Conc: 21.69 ug/ml



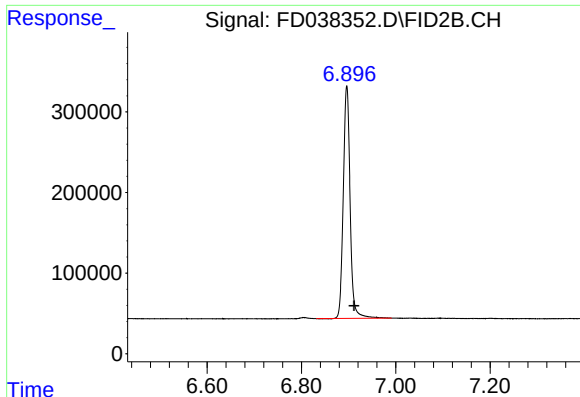
#3 A~Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: -0.017 min
Response: 2906975
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

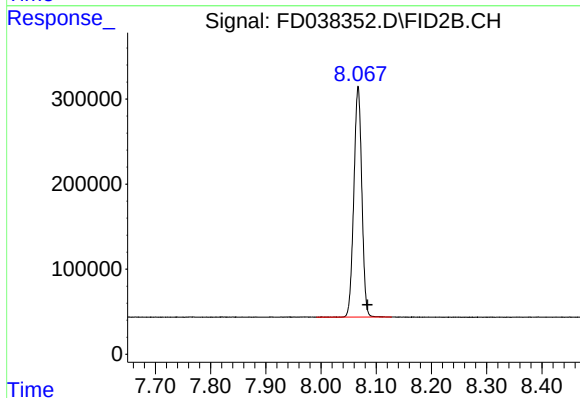
R.T.: 6.281 min
Delta R.T.: -0.017 min
Response: 2690722
Conc: 21.60 ug/ml



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

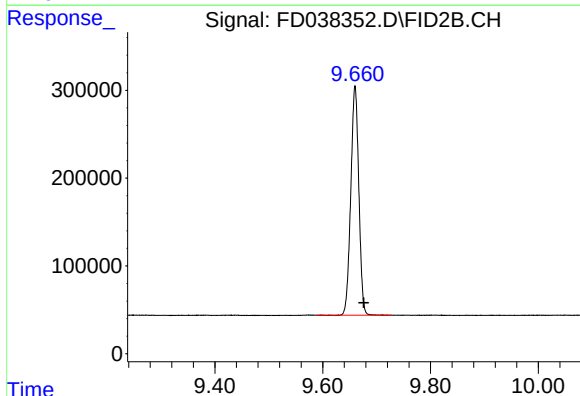
R.T.: 6.896 min
Delta R.T.: -0.016 min
Response: 2896825
Conc: 21.03 ug/ml

Instrument :
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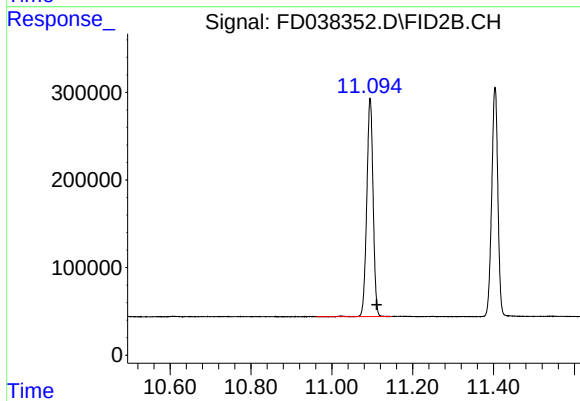
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.017 min
Response: 2722718
Conc: 21.18 ug/ml



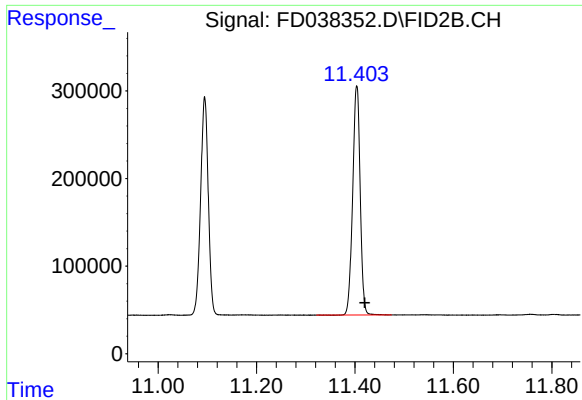
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: -0.016 min
Response: 2695818
Conc: 20.80 ug/ml



#8 n-Octadecane (C18)

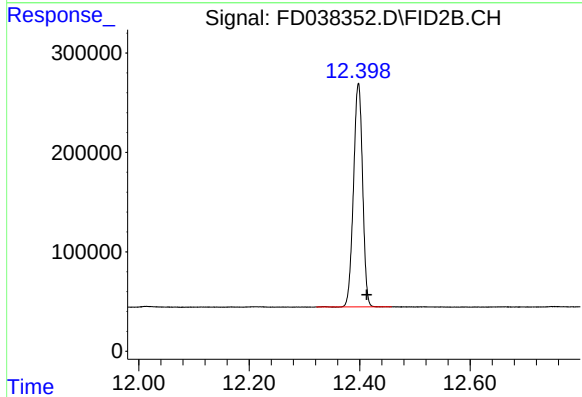
R.T.: 11.095 min
Delta R.T.: -0.016 min
Response: 2694937
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

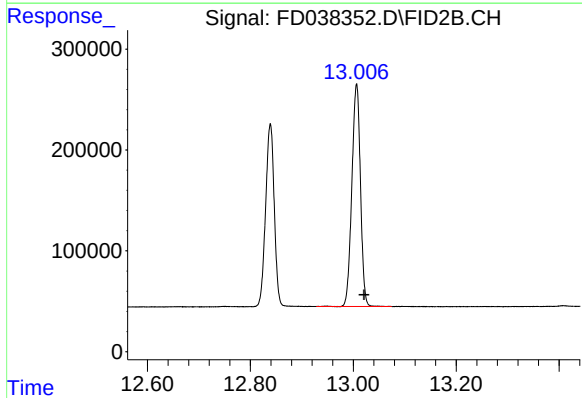
R.T.: 11.404 min
Delta R.T.: -0.016 min
Response: 2767852
Conc: 19.15 ug/ml

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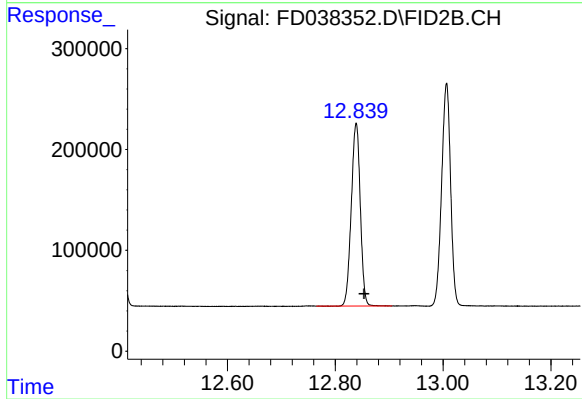
#10 n-Eicosane (C20)

R.T.: 12.398 min
Delta R.T.: -0.015 min
Response: 2571644
Conc: 19.15 ug/ml



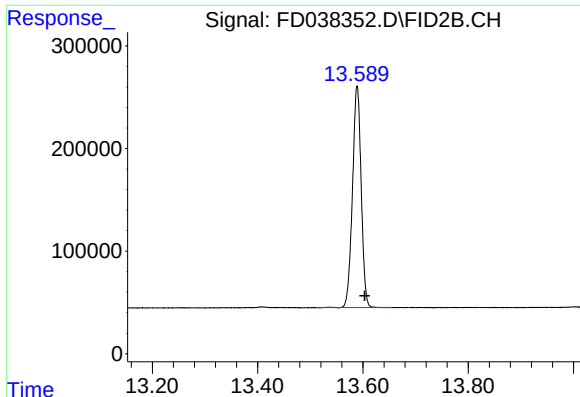
#11 n-Heneicosane (C21)

R.T.: 13.006 min
Delta R.T.: -0.015 min
Response: 2547838
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

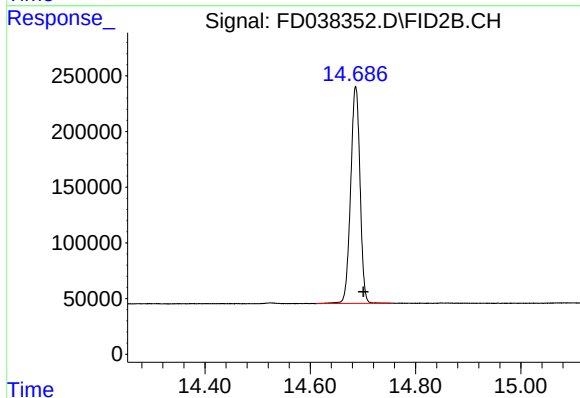
R.T.: 12.839 min
Delta R.T.: -0.015 min
Response: 2104082
Conc: 18.46 ug/ml



#13 n-Docosane (C22)

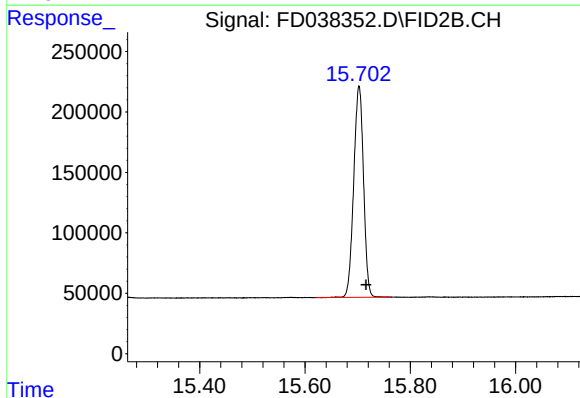
R.T.: 13.589 min
Delta R.T.: -0.015 min
Response: 2476995
Conc: 18.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



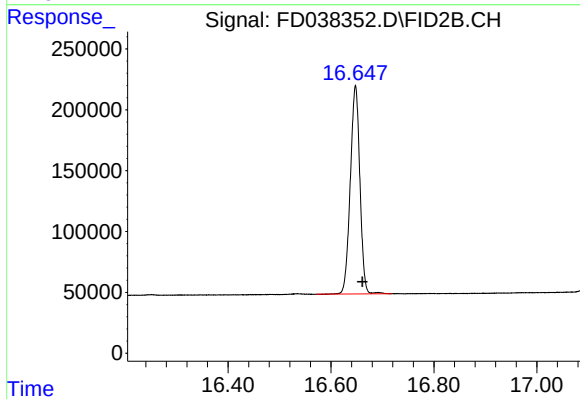
#14 n-Tetracosane (C24)

R.T.: 14.686 min
Delta R.T.: -0.015 min
Response: 2407425
Conc: 17.83 ug/ml



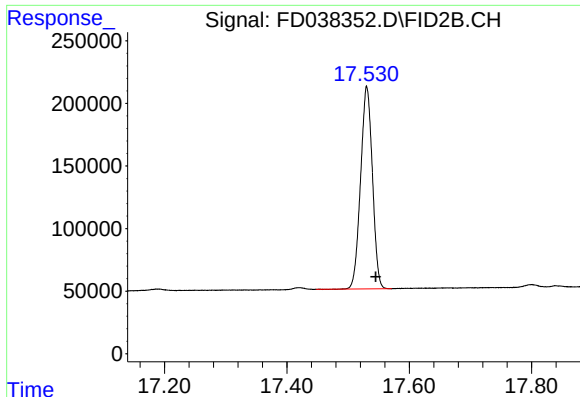
#15 n-Hexacosane (C26)

R.T.: 15.703 min
Delta R.T.: -0.014 min
Response: 2261186
Conc: 17.16 ug/ml



#16 n-Octacosane (C28)

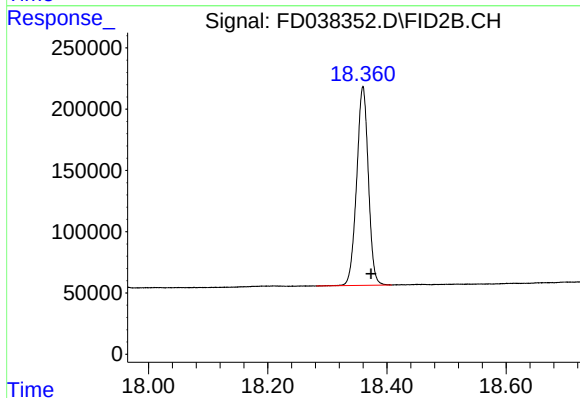
R.T.: 16.648 min
Delta R.T.: -0.014 min
Response: 2207484
Conc: 16.93 ug/ml



#17 n-Tricontane (C30)

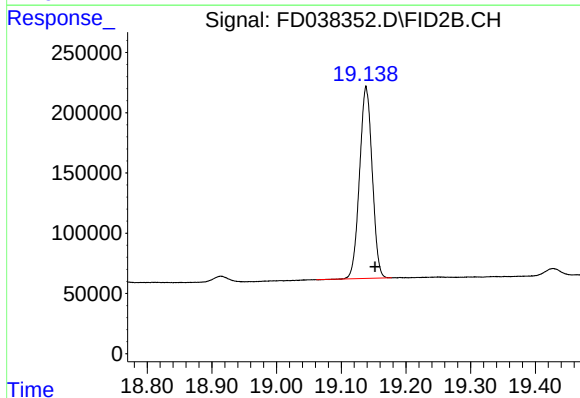
R.T.: 17.531 min
Delta R.T.: -0.014 min
Response: 2165610
Conc: 16.95 ug/ml

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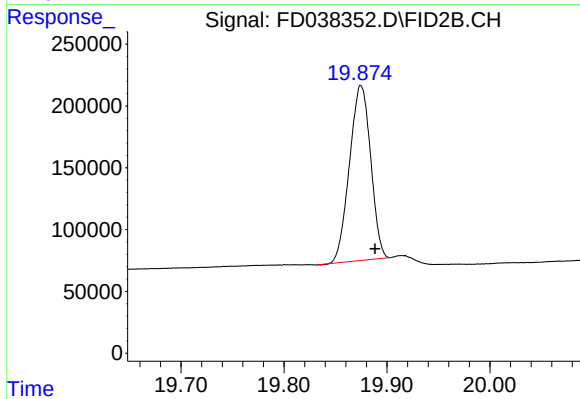
#18 n-Dotriacontane (C32)

R.T.: 18.360 min
Delta R.T.: -0.014 min
Response: 2202677
Conc: 17.90 ug/ml



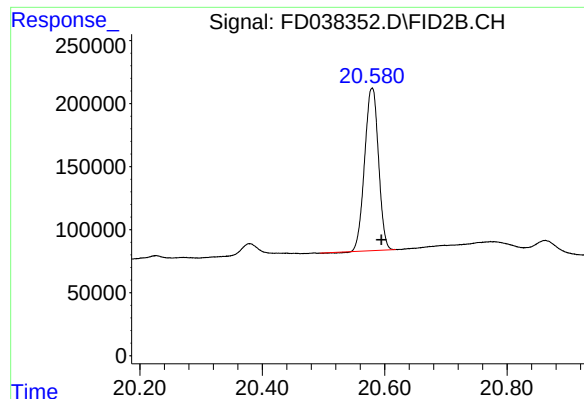
#19 n-Tetratriacontane (C34)

R.T.: 19.139 min
Delta R.T.: -0.014 min
Response: 2160781
Conc: 18.45 ug/ml



#20 n-Hexatriacontane (C36)

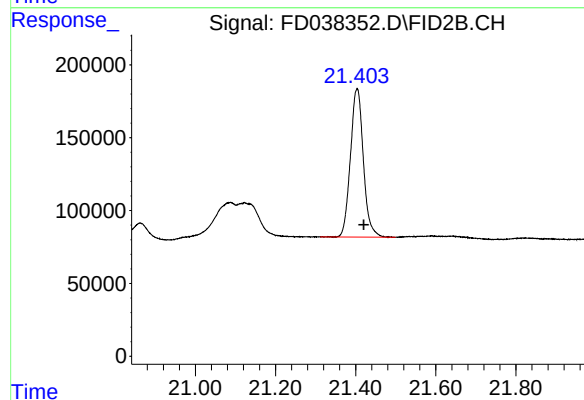
R.T.: 19.875 min
Delta R.T.: -0.014 min
Response: 2020932
Conc: 18.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.579 min
Delta R.T.: -0.015 min
Response: 2021849
Conc: 20.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.403 min
Delta R.T.: -0.017 min
Response: 2276060
Conc: 23.27 ug/ml