

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081821AL\
 Data File : FD038624.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2021 10:03
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 19 02:38:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.360	2776724	20.342 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
12) S 1-chlorooctadecane (S...	12.796	2179834	20.271 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.188	2487253	21.186 ug/ml
2) T n-Decane (C10)	4.241	2545950	21.594 ug/ml
3) T A~Naphthalene (C11.7)	5.805	2791711	21.387 ug/ml
4) T n-Dodecane (C12)	6.244	2591345	21.823 ug/ml
5) T A~2-methylnaphthalene...	6.856	2835202	21.666 ug/ml
6) T n-Tetradecane (C14)	8.029	2636785	21.696 ug/ml
7) T n-Hexadecane (C16)	9.620	2656239	21.734 ug/ml
8) T n-Octadecane (C18)	11.054	2701814	21.460 ug/ml
10) T n-Eicosane (C20)	12.356	2633357	20.890 ug/ml
11) T n-Heneicosane (C21)	12.964	2621700	20.538 ug/ml
13) T n-Docosane (C22)	13.547	2590815	20.351 ug/ml
14) T n-Tetracosane (C24)	14.645	2564597	19.937 ug/ml
15) T n-Hexacosane (C26)	15.660	2412733	18.946 ug/ml
16) T n-Octacosane (C28)	16.606	2321133	18.193 ug/ml
17) T n-Tricontane (C30)	17.489	2237781	17.662 ug/ml
18) T n-Dotriacontane (C32)	18.318	2144133	17.450 ug/ml
19) T n-Tetratriacontane (C34)	19.097	2071695	17.358 ug/ml
20) T n-Hexatriacontane (C36)	19.832	1999872	17.944 ug/ml
21) T n-Octatriacontane (C38)	20.533	1954479	18.906 ug/ml
22) T n-Tetracontane (C40)	21.339	2002908	19.955 ug/ml

(f)=RT Delta > 1/2 Window

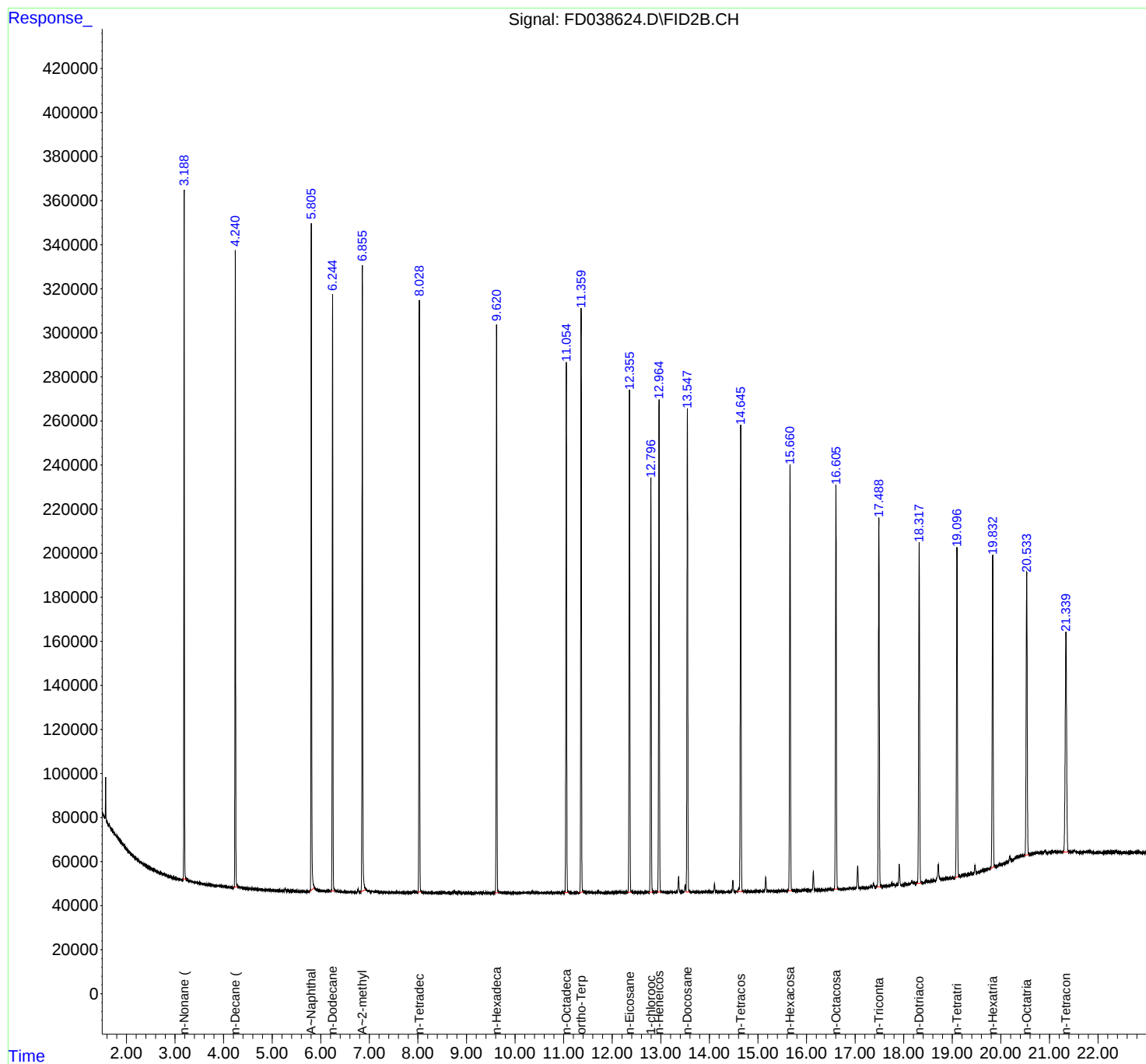
(m)=manual int.

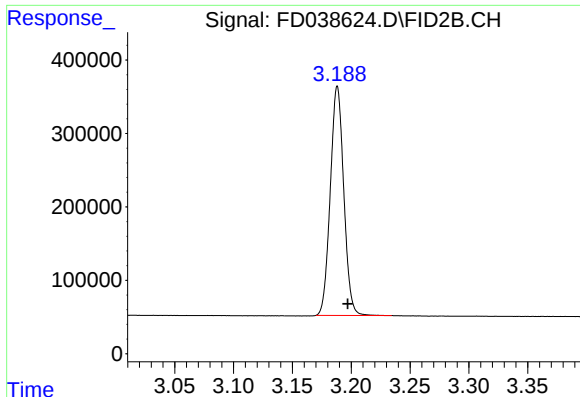
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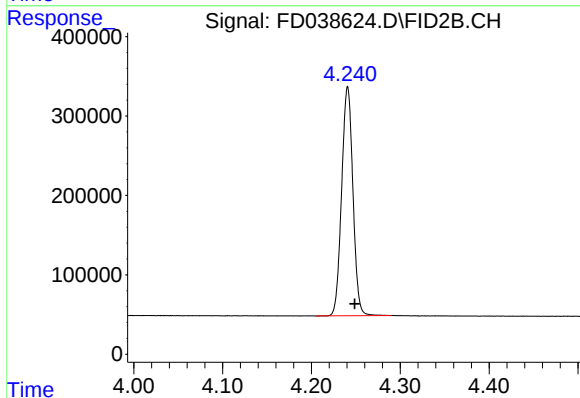




#1 n-Nonane (C9)

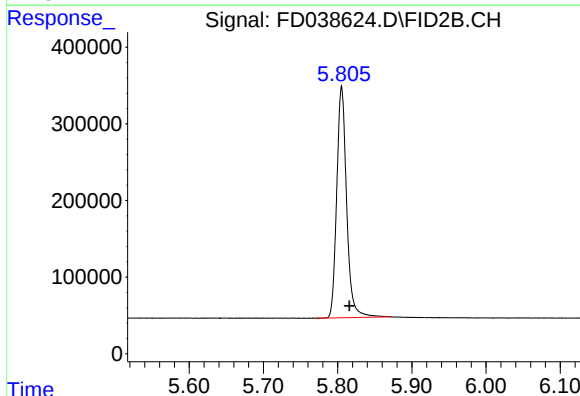
R.T.: 3.188 min
Delta R.T.: -0.009 min
Response: 2487253
Conc: 21.19 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



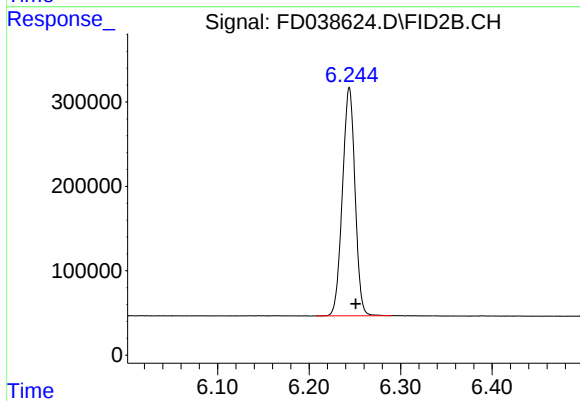
#2 n-Decane (C10)

R.T.: 4.241 min
Delta R.T.: -0.008 min
Response: 2545950
Conc: 21.59 ug/ml



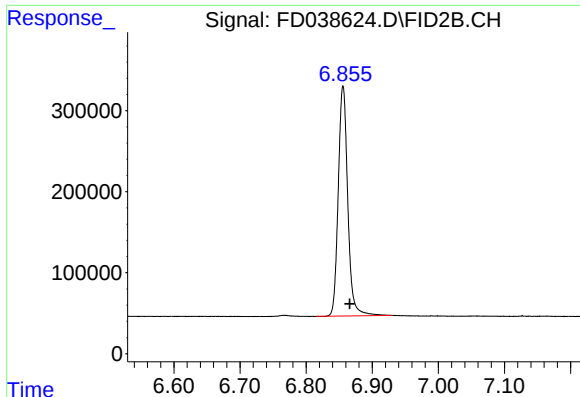
#3 A~Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.010 min
Response: 2791711
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

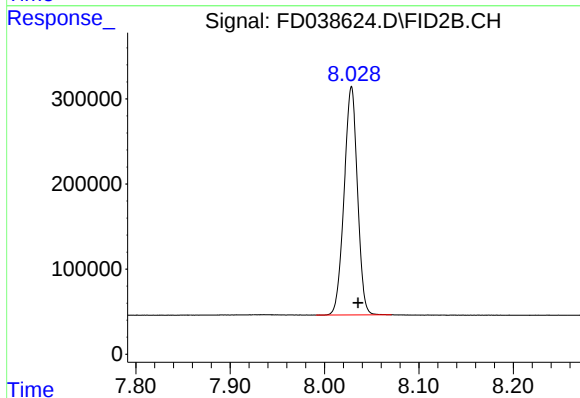
R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 2591345
Conc: 21.82 ug/ml



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

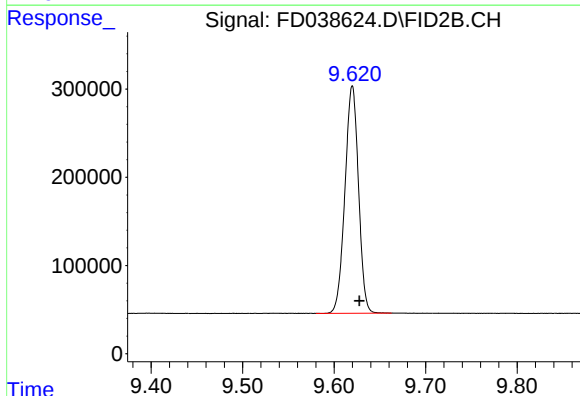
R.T.: 6.856 min
Delta R.T.: -0.010 min
Response: 2835202
Conc: 21.67 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



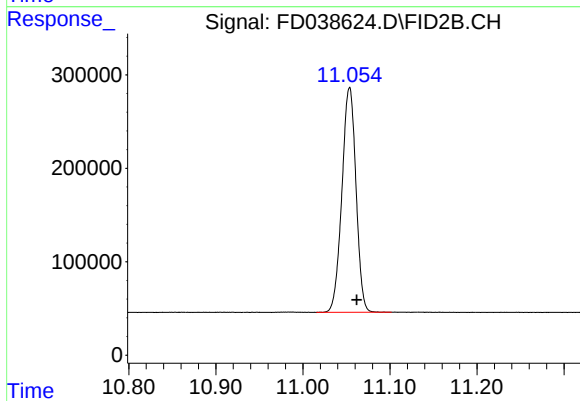
#6 n-Tetradecane (C14)

R.T.: 8.029 min
Delta R.T.: -0.007 min
Response: 2636785
Conc: 21.70 ug/ml



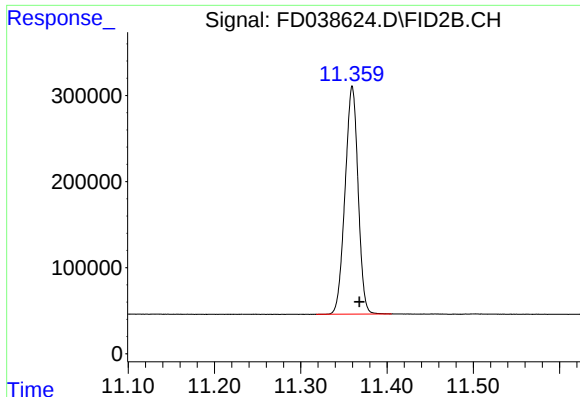
#7 n-Hexadecane (C16)

R.T.: 9.620 min
Delta R.T.: -0.008 min
Response: 2656239
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

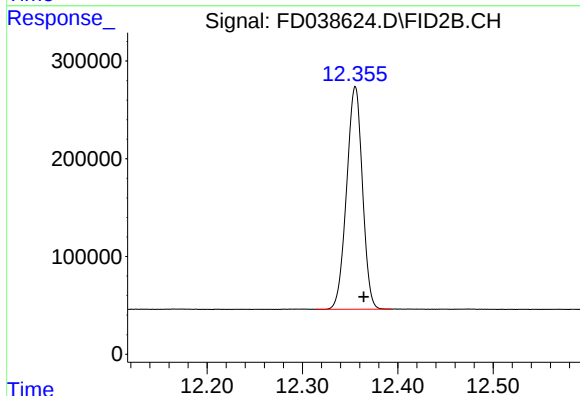
R.T.: 11.054 min
Delta R.T.: -0.008 min
Response: 2701814
Conc: 21.46 ug/ml



#9 ortho-Terphenyl (SURR)

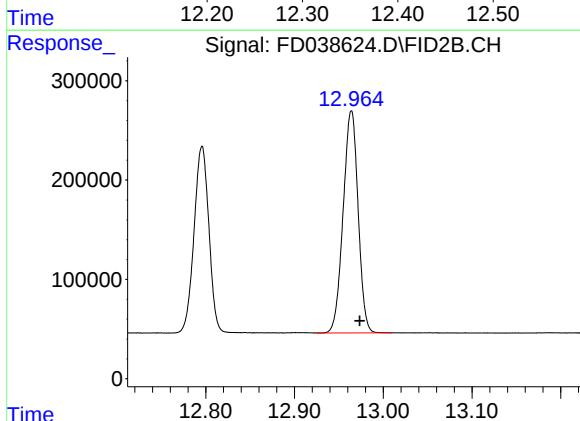
R.T.: 11.360 min
Delta R.T.: -0.008 min
Response: 2776724
Conc: 20.34 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



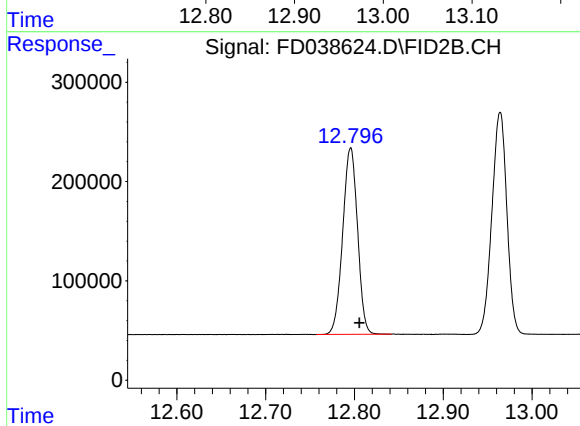
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: -0.009 min
Response: 2633357
Conc: 20.89 ug/ml



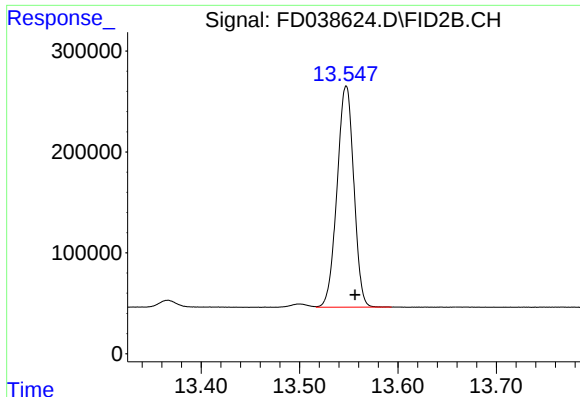
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.009 min
Response: 2621700
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

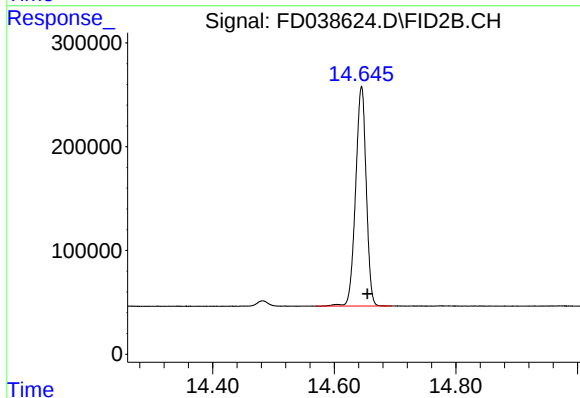
R.T.: 12.796 min
Delta R.T.: -0.010 min
Response: 2179834
Conc: 20.27 ug/ml



#13 n-Docosane (C22)

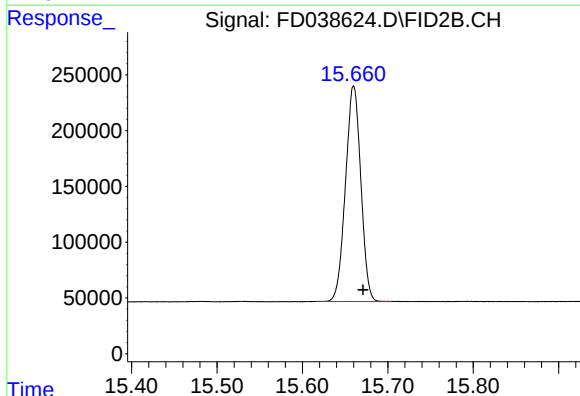
R.T.: 13.547 min
Delta R.T.: -0.009 min
Response: 2590815
Conc: 20.35 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



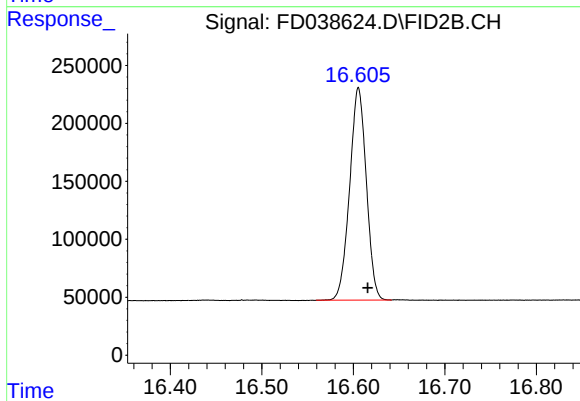
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.009 min
Response: 2564597
Conc: 19.94 ug/ml



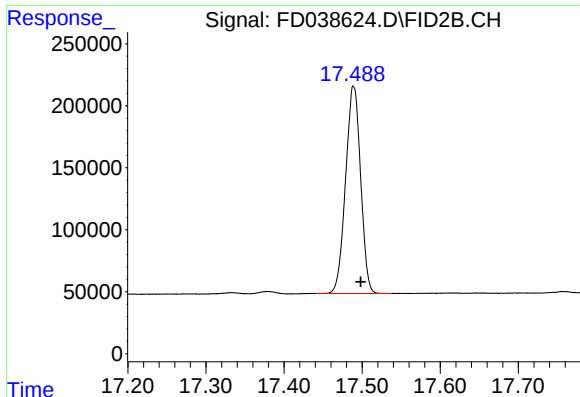
#15 n-Hexacosane (C26)

R.T.: 15.660 min
Delta R.T.: -0.011 min
Response: 2412733
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

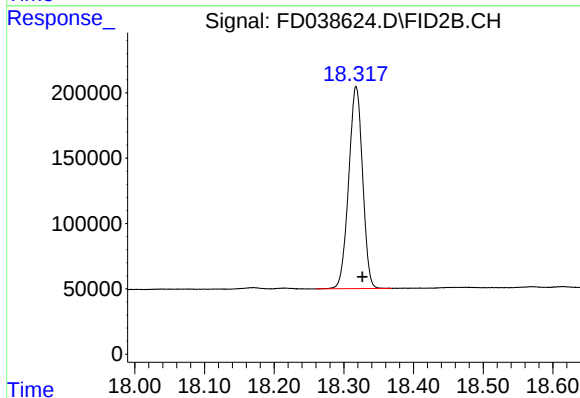
R.T.: 16.606 min
Delta R.T.: -0.010 min
Response: 2321133
Conc: 18.19 ug/ml



#17 n-Tricontane (C30)

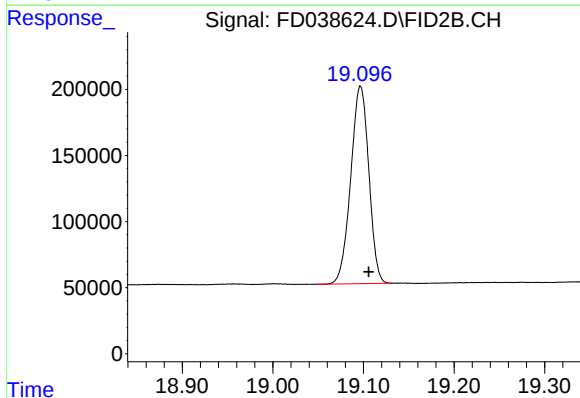
R.T.: 17.489 min
Delta R.T.: -0.009 min
Response: 2237781
Conc: 17.66 ug/ml

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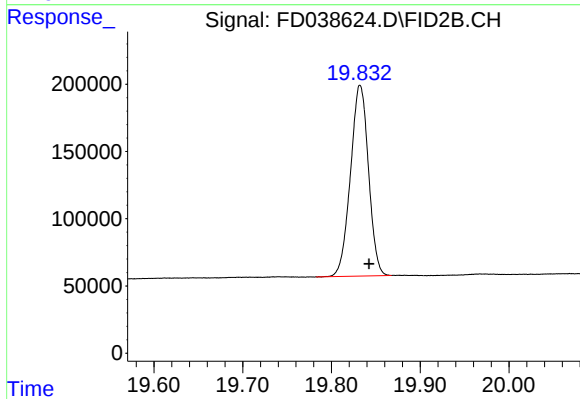
#18 n-Dotriacontane (C32)

R.T.: 18.318 min
Delta R.T.: -0.009 min
Response: 2144133
Conc: 17.45 ug/ml



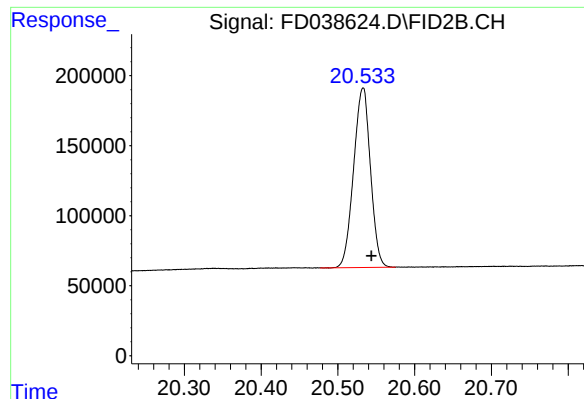
#19 n-Tetratriacontane (C34)

R.T.: 19.097 min
Delta R.T.: -0.009 min
Response: 2071695
Conc: 17.36 ug/ml



#20 n-Hexatriacontane (C36)

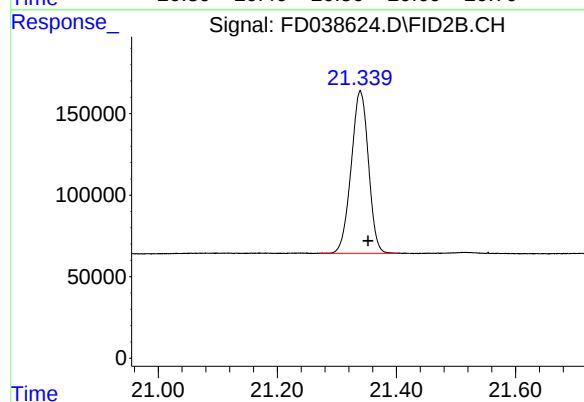
R.T.: 19.832 min
Delta R.T.: -0.010 min
Response: 1999872
Conc: 17.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: -0.011 min
Response: 1954479
Conc: 18.91 ug/ml

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FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.339 min
Delta R.T.: -0.013 min
Response: 2002908
Conc: 19.96 ug/ml