

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081821AL\
 Data File : FD038642.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2021 22:38
 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: Aug 19 05:56:10 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)	11.358	2826964	20.710 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
12) S 1-chlorooctadecane (S...	12.796	2217498	20.621 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
Target Compounds			
1) T n-Nonane (C9)	3.186	2545257	21.680 ug/ml
2) T n-Decane (C10)	4.239	2583857	21.915 ug/ml
3) T A~Naphthalene (C11.7)	5.803	2853256	21.858 ug/ml
4) T n-Dodecane (C12)	6.241	2637755	22.214 ug/ml
5) T A~2-methylnaphthalene...	6.853	2891947	22.100 ug/ml
6) T n-Tetradecane (C14)	8.025	2691504	22.146 ug/ml
7) T n-Hexadecane (C16)	9.617	2707899	22.157 ug/ml
8) T n-Octadecane (C18)	11.051	2752175	21.860 ug/ml
10) T n-Eicosane (C20)	12.355	2683365	21.287 ug/ml
11) T n-Heneicosane (C21)	12.964	2667425	20.896 ug/ml
13) T n-Docosane (C22)	13.547	2643811	20.768 ug/ml
14) T n-Tetracosane (C24)	14.645	2623432	20.395 ug/ml
15) T n-Hexacosane (C26)	15.661	2478271	19.460 ug/ml
16) T n-Octacosane (C28)	16.605	2386688	18.707 ug/ml
17) T n-Tricontane (C30)	17.489	2307788	18.215 ug/ml
18) T n-Dotriacontane (C32)	18.318	2210371	17.989 ug/ml
19) T n-Tetratriacontane (C34)	19.098	2131415	17.858 ug/ml
20) T n-Hexatriacontane (C36)	19.833	2062473	18.505 ug/ml
21) T n-Octatriacontane (C38)	20.533	2019381	19.534 ug/ml
22) T n-Tetracontane (C40)	21.340	2065129	20.575 ug/ml

(f)=RT Delta > 1/2 Window

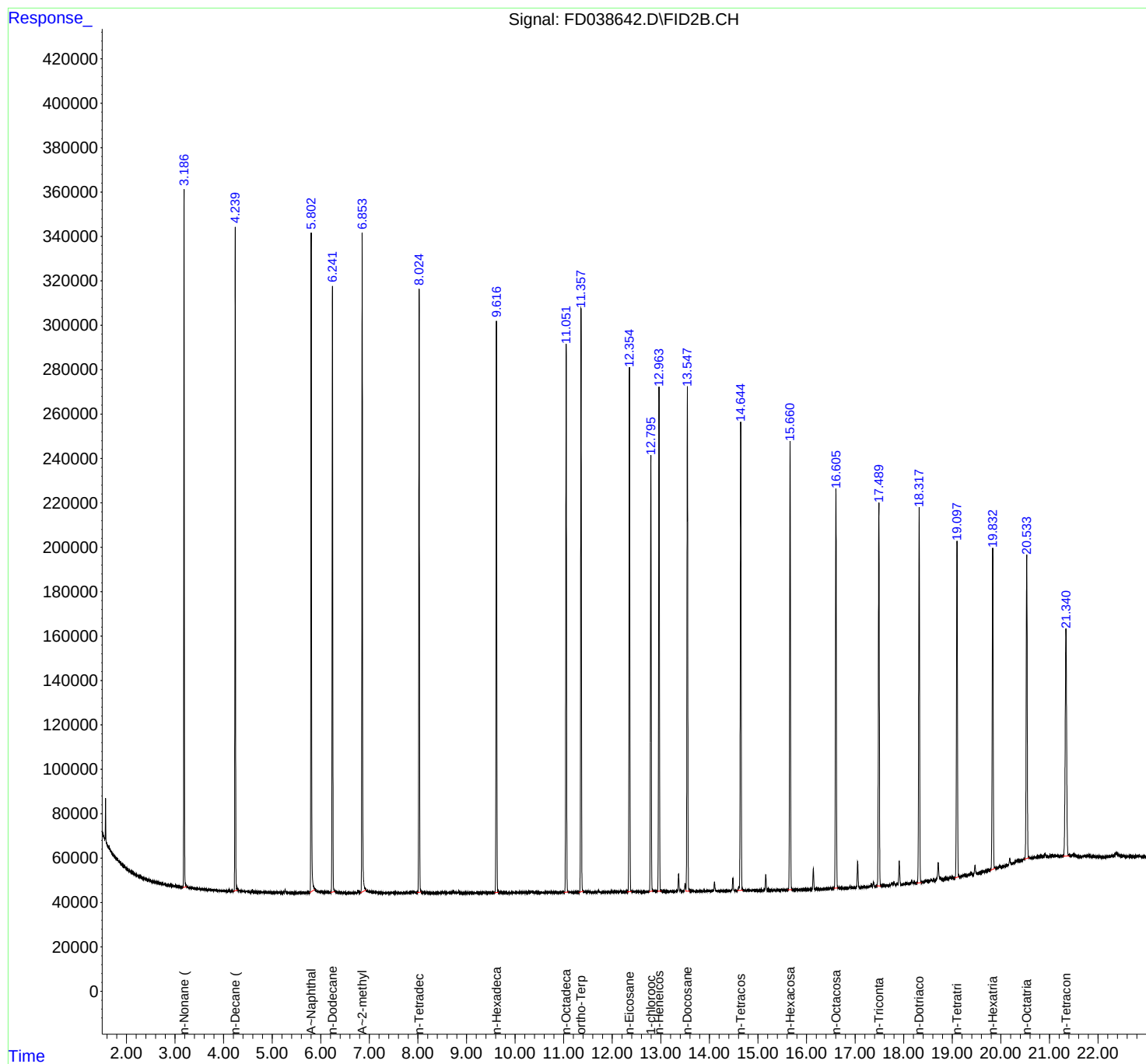
(m)=manual int.

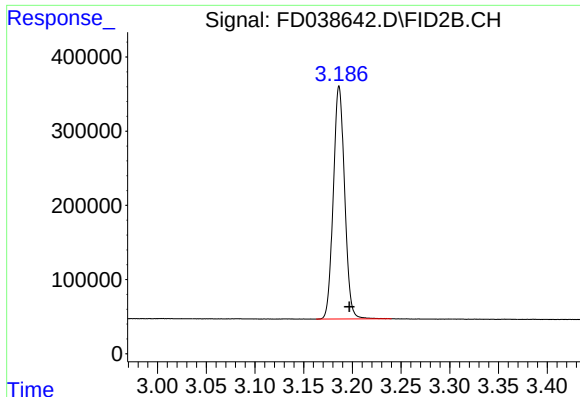
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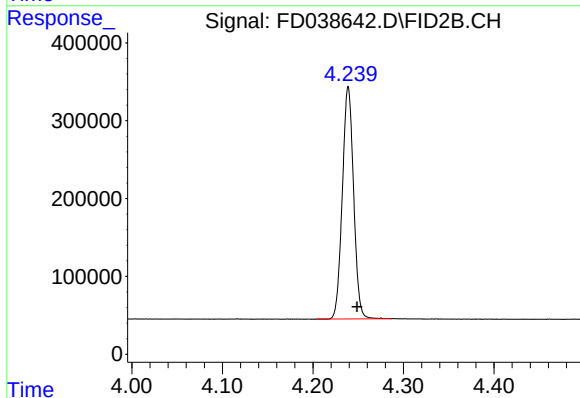




#1 n-Nonane (C9)

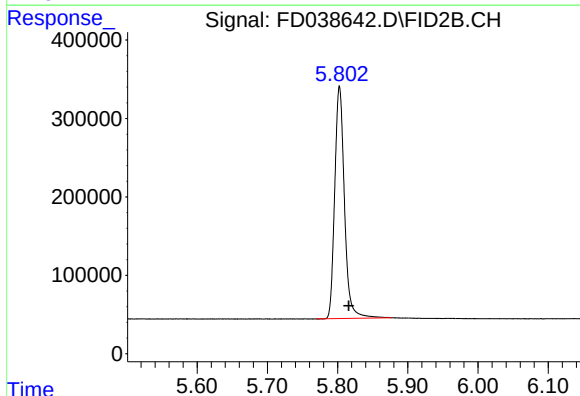
R.T.: 3.186 min
Delta R.T.: -0.011 min
Response: 2545257
Conc: 21.68 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



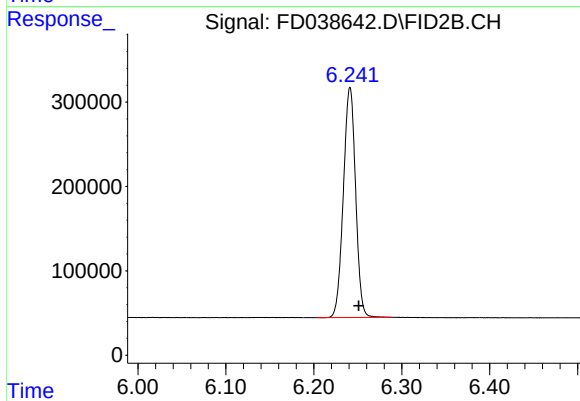
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: -0.010 min
Response: 2583857
Conc: 21.92 ug/ml



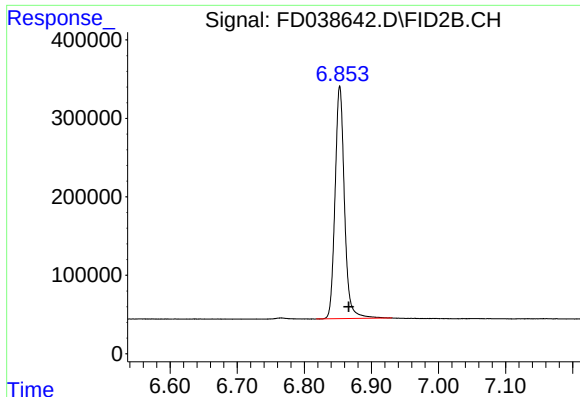
#3 A~Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.013 min
Response: 2853256
Conc: 21.86 ug/ml



#4 n-Dodecane (C12)

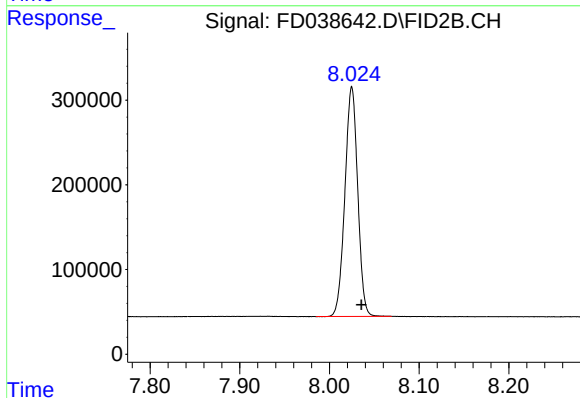
R.T.: 6.241 min
Delta R.T.: -0.010 min
Response: 2637755
Conc: 22.21 ug/ml



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

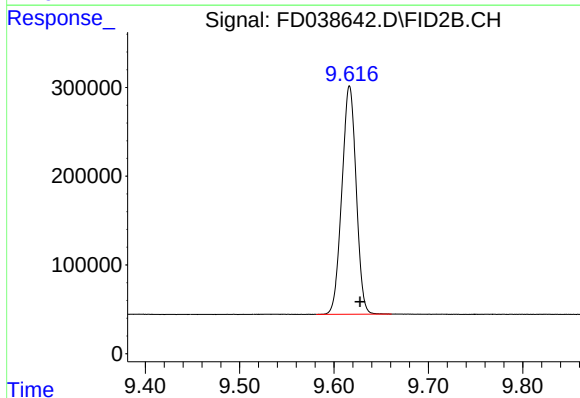
R.T.: 6.853 min
Delta R.T.: -0.013 min
Response: 2891947
Conc: 22.10 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



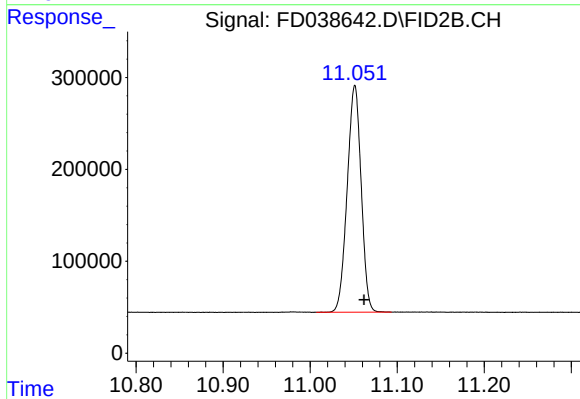
#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: -0.011 min
Response: 2691504
Conc: 22.15 ug/ml



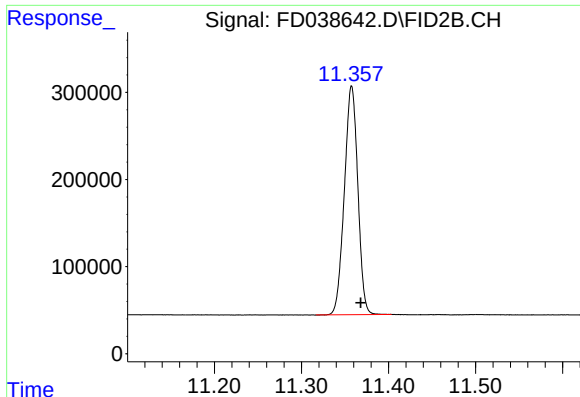
#7 n-Hexadecane (C16)

R.T.: 9.617 min
Delta R.T.: -0.011 min
Response: 2707899
Conc: 22.16 ug/ml



#8 n-Octadecane (C18)

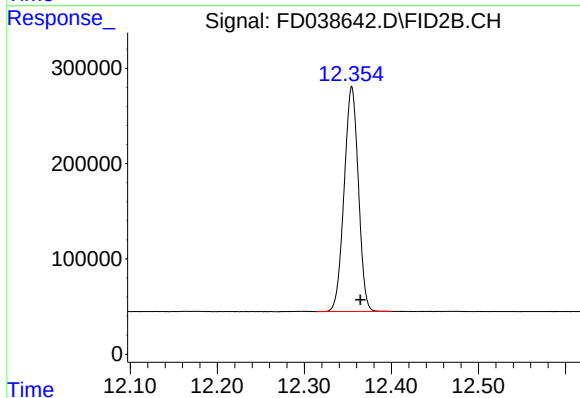
R.T.: 11.051 min
Delta R.T.: -0.010 min
Response: 2752175
Conc: 21.86 ug/ml



#9 ortho-Terphenyl (SURR)

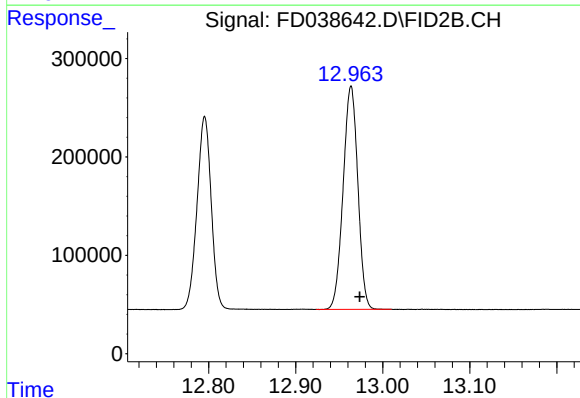
R.T.: 11.358 min
Delta R.T.: -0.010 min
Response: 2826964
Conc: 20.71 ug/ml

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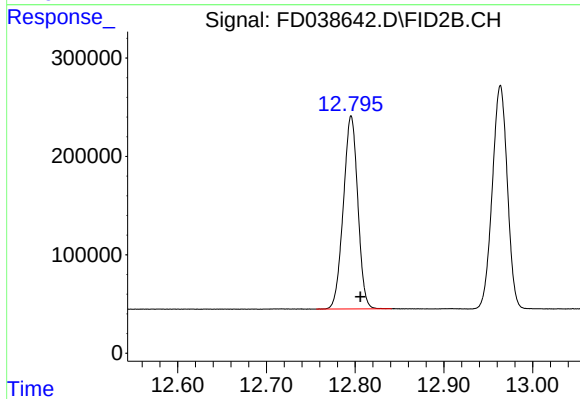
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: -0.010 min
Response: 2683365
Conc: 21.29 ug/ml



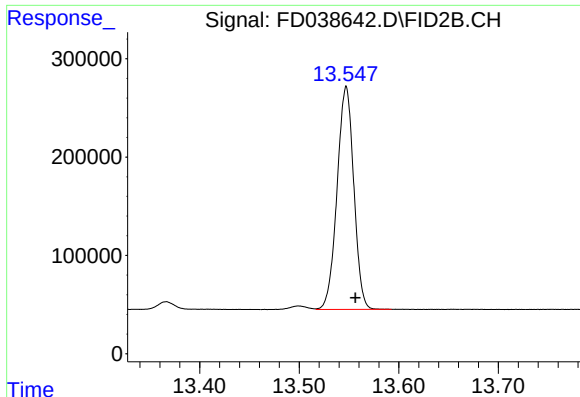
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.010 min
Response: 2667425
Conc: 20.90 ug/ml



#12 1-chlorooctadecane (SURR)

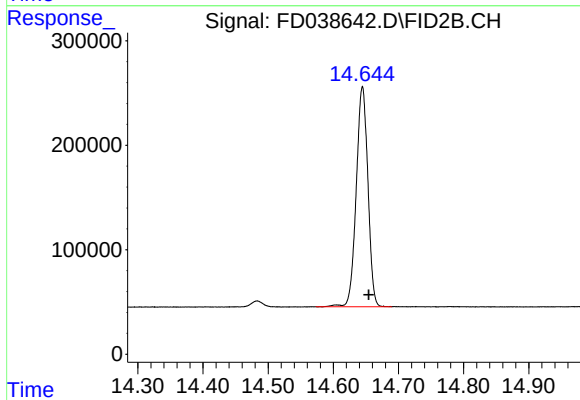
R.T.: 12.796 min
Delta R.T.: -0.010 min
Response: 2217498
Conc: 20.62 ug/ml



#13 n-Docosane (C22)

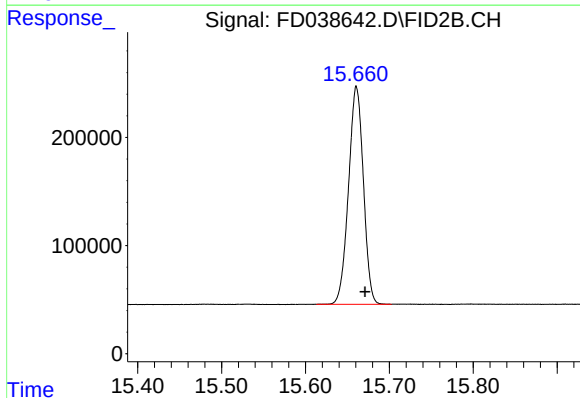
R.T.: 13.547 min
Delta R.T.: -0.009 min
Response: 2643811
Conc: 20.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



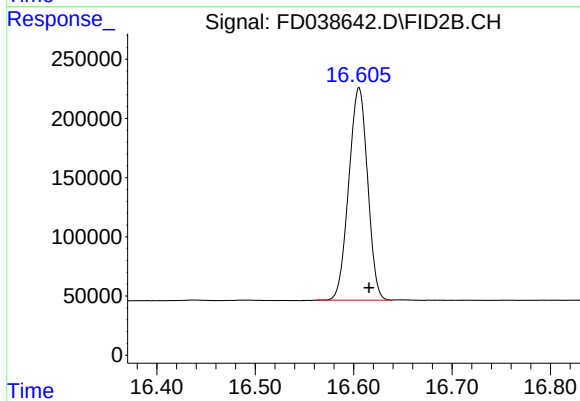
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.010 min
Response: 2623432
Conc: 20.39 ug/ml



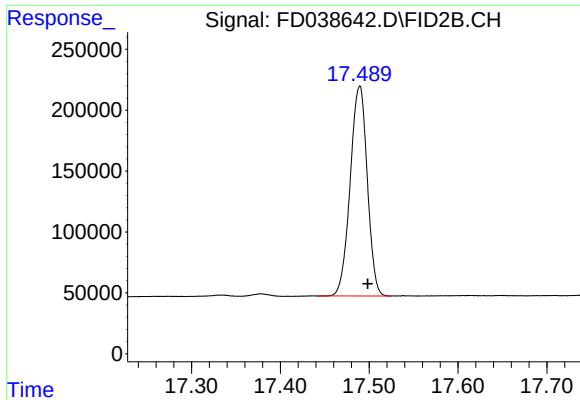
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: -0.010 min
Response: 2478271
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

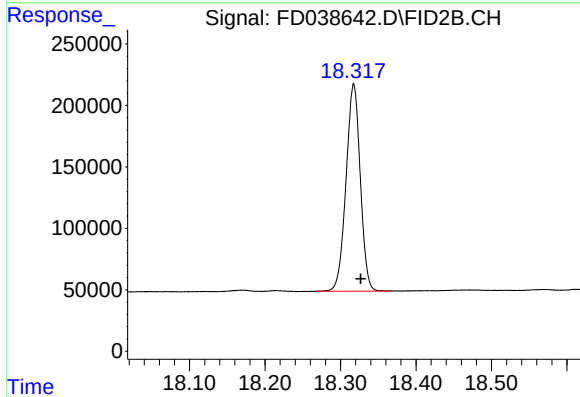
R.T.: 16.605 min
Delta R.T.: -0.010 min
Response: 2386688
Conc: 18.71 ug/ml



#17 n-Tricontane (C30)

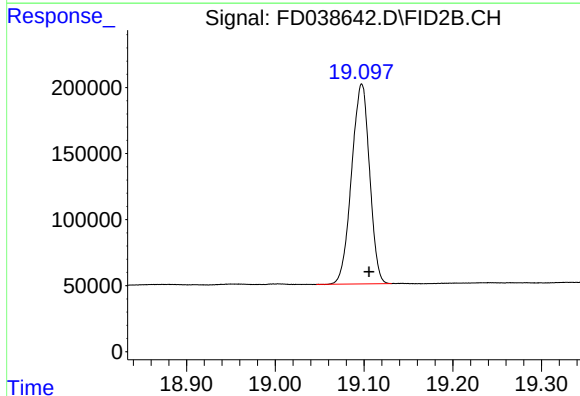
R.T.: 17.489 min
Delta R.T.: -0.009 min
Response: 2307788
Conc: 18.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



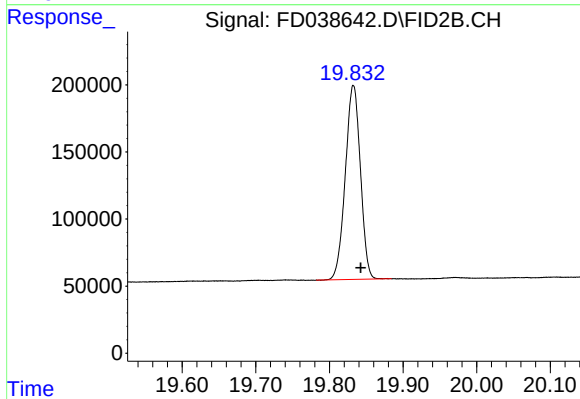
#18 n-Dotriacontane (C32)

R.T.: 18.318 min
Delta R.T.: -0.009 min
Response: 2210371
Conc: 17.99 ug/ml



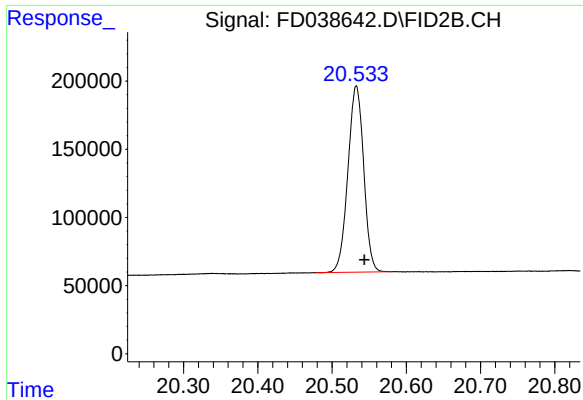
#19 n-Tetratriacontane (C34)

R.T.: 19.098 min
Delta R.T.: -0.008 min
Response: 2131415
Conc: 17.86 ug/ml



#20 n-Hexatriacontane (C36)

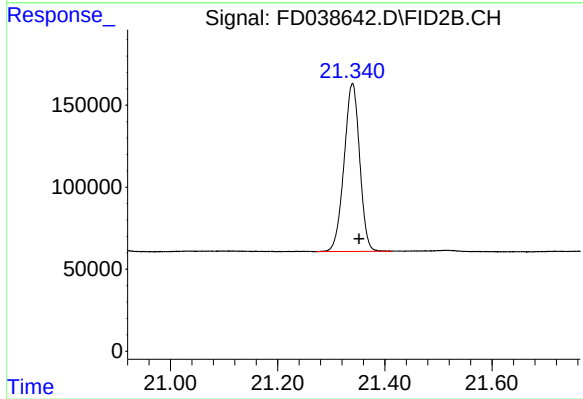
R.T.: 19.833 min
Delta R.T.: -0.010 min
Response: 2062473
Conc: 18.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: -0.011 min
Response: 2019381
Conc: 19.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.340 min
Delta R.T.: -0.012 min
Response: 2065129
Conc: 20.58 ug/ml