

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081021AL\
 Data File : FD038470.D
 Signal(s) : FID2B.CH
 Acq On : 10 Aug 2021 18:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 11 01:45:58 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)	11.365	2570866	18.834 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
12) S 1-chlorooctadecane (S...	12.802	2011209	18.703 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
Target Compounds			
1) T n-Nonane (C9)	3.193	2261801	19.266 ug/ml
2) T n-Decane (C10)	4.245	2300302	19.510 ug/ml
3) T A~Naphthalene (C11.7)	5.808	2548774	19.525 ug/ml
4) T n-Dodecane (C12)	6.247	2321936	19.554 ug/ml
5) T A~2-methylnaphthalene...	6.859	2572393	19.658 ug/ml
6) T n-Tetradecane (C14)	8.031	2364053	19.452 ug/ml
7) T n-Hexadecane (C16)	9.623	2373541	19.421 ug/ml
8) T n-Octadecane (C18)	11.058	2432590	19.321 ug/ml
10) T n-Eicosane (C20)	12.361	2388017	18.944 ug/ml
11) T n-Heneicosane (C21)	12.970	2398814	18.792 ug/ml
13) T n-Docosane (C22)	13.553	2362910	18.561 ug/ml
14) T n-Tetracosane (C24)	14.650	2333232	18.139 ug/ml
15) T n-Hexacosane (C26)	15.666	2233839	17.541 ug/ml
16) T n-Octacosane (C28)	16.610	2150250	16.854 ug/ml
17) T n-Tricontane (C30)	17.493	2057275	16.238 ug/ml
18) T n-Dotriacontane (C32)	18.321	1966648	16.005 ug/ml
19) T n-Tetratriacontane (C34)	19.101	1961820	16.437 ug/ml
20) T n-Hexatriacontane (C36)	19.837	1973217	17.704 ug/ml
21) T n-Octatriacontane (C38)	20.538	1995972	19.307 ug/ml
22) T n-Tetracontane (C40)	21.345	2131330	21.235 ug/ml

(f)=RT Delta > 1/2 Window

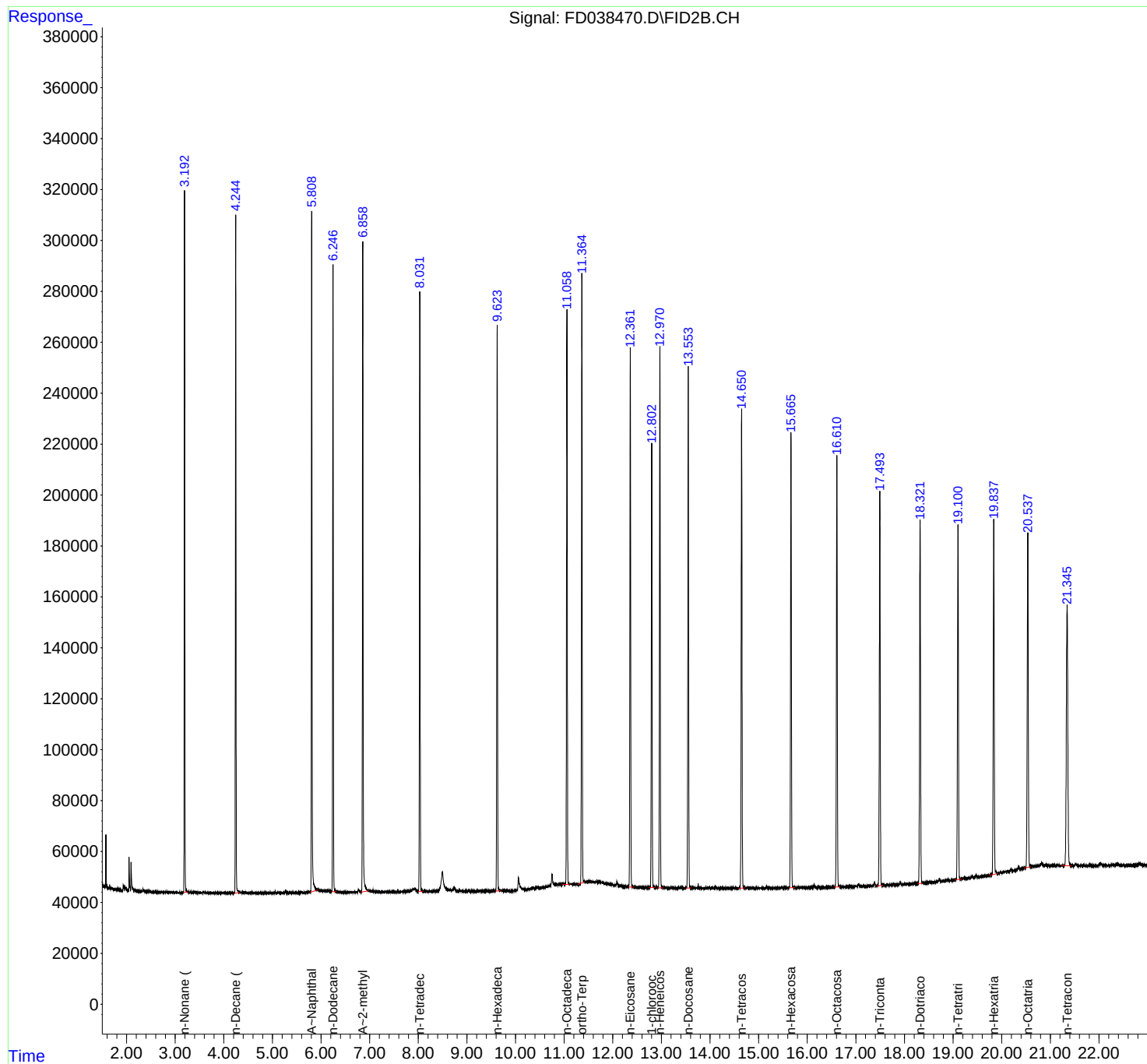
(m)=manual int.

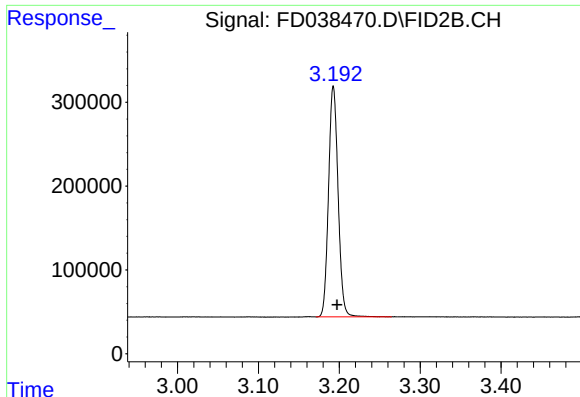
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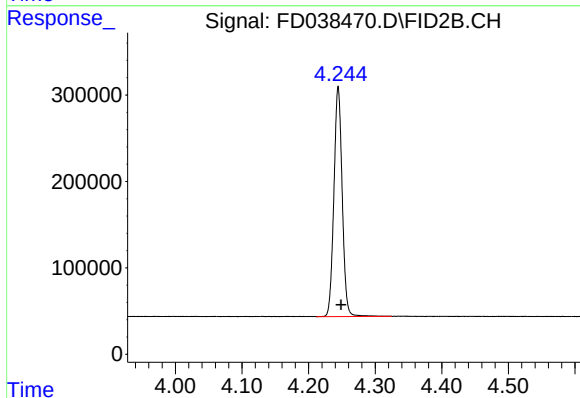




#1 n-Nonane (C9)

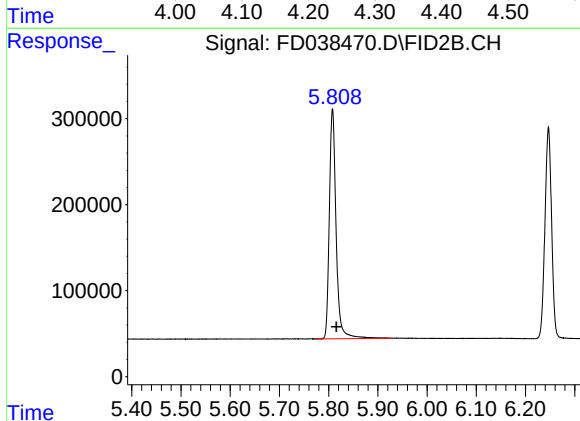
R.T.: 3.193 min
Delta R.T.: -0.004 min
Response: 2261801
Conc: 19.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



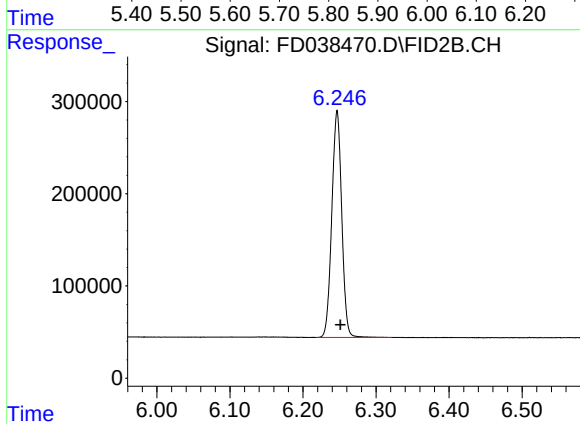
#2 n-Decane (C10)

R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 2300302
Conc: 19.51 ug/ml



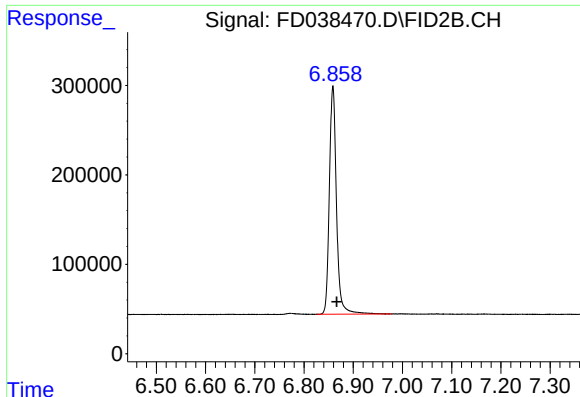
#3 A~Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 2548774
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

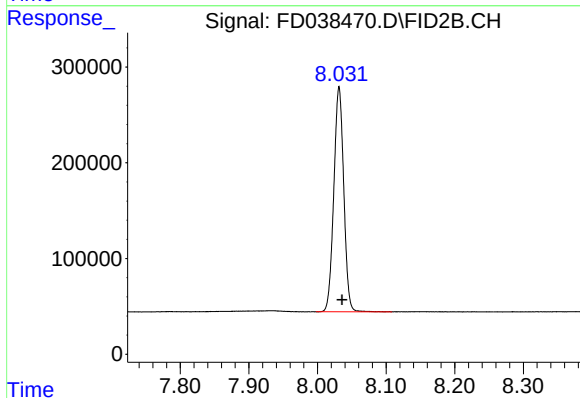
R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 2321936
Conc: 19.55 ug/ml



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

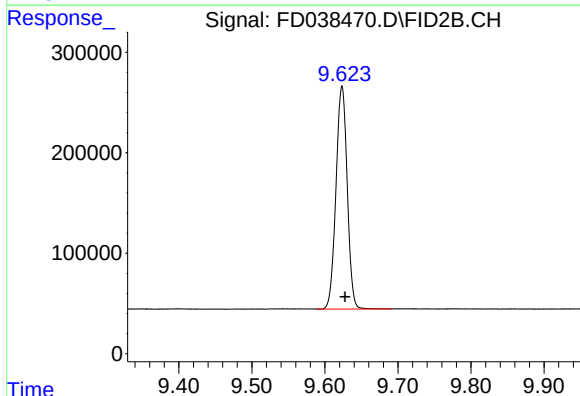
R.T.: 6.859 min
Delta R.T.: -0.007 min
Response: 2572393
Conc: 19.66 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



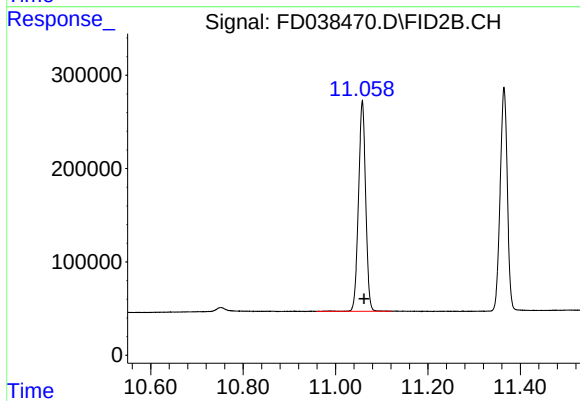
#6 n-Tetradecane (C14)

R.T.: 8.031 min
Delta R.T.: -0.004 min
Response: 2364053
Conc: 19.45 ug/ml



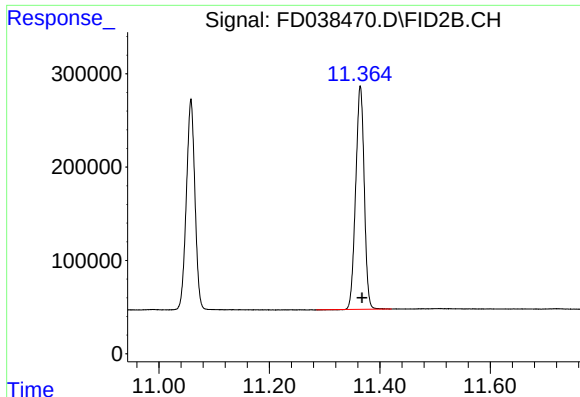
#7 n-Hexadecane (C16)

R.T.: 9.623 min
Delta R.T.: -0.004 min
Response: 2373541
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

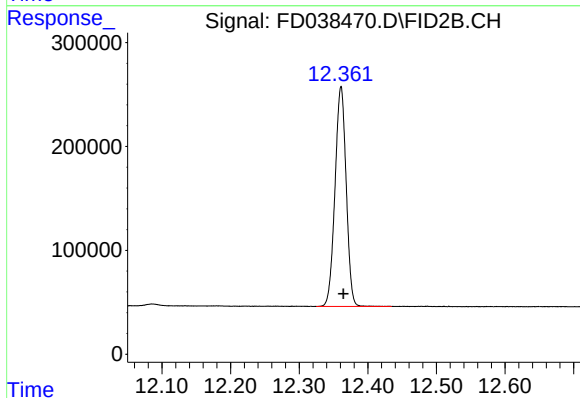
R.T.: 11.058 min
Delta R.T.: -0.004 min
Response: 2432590
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

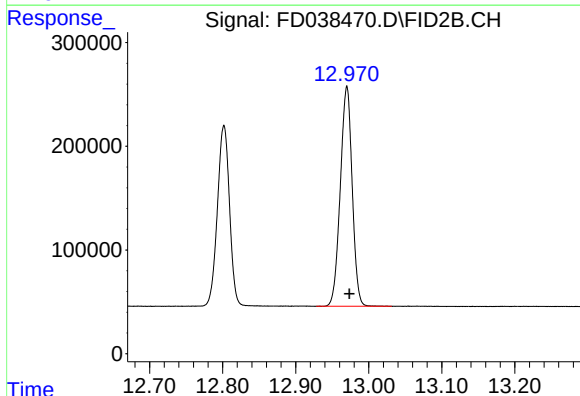
R.T.: 11.365 min
Delta R.T.: -0.003 min
Response: 2570866
Conc: 18.83 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



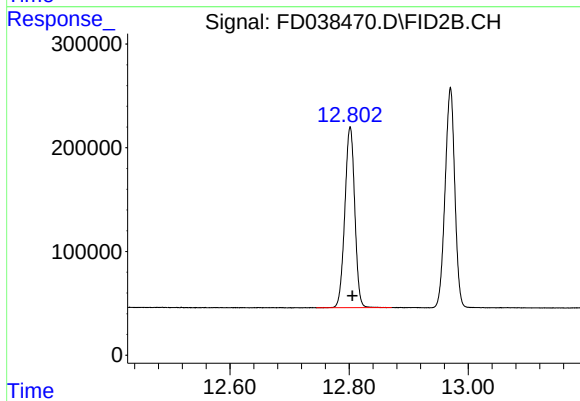
#10 n-Eicosane (C20)

R.T.: 12.361 min
Delta R.T.: -0.003 min
Response: 2388017
Conc: 18.94 ug/ml



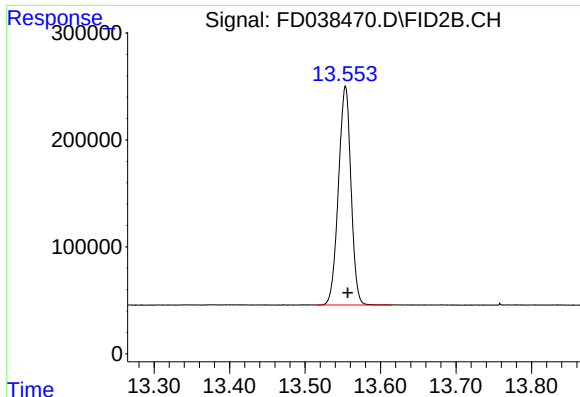
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: -0.004 min
Response: 2398814
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

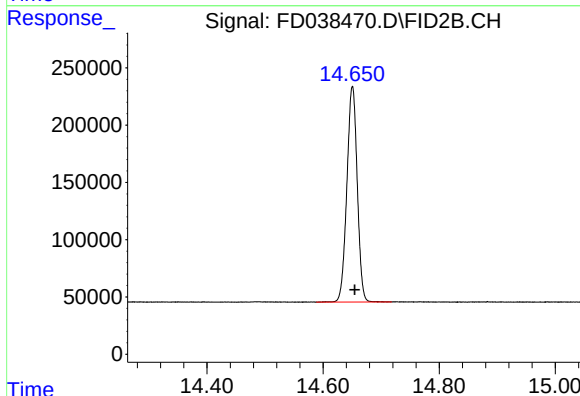
R.T.: 12.802 min
Delta R.T.: -0.004 min
Response: 2011209
Conc: 18.70 ug/ml



#13 n-Docosane (C22)

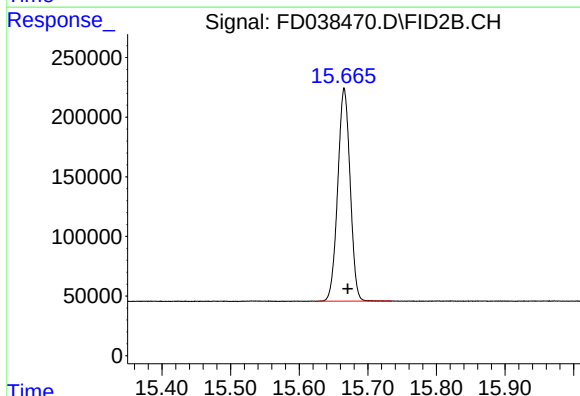
R.T.: 13.553 min
Delta R.T.: -0.003 min
Response: 2362910
Conc: 18.56 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



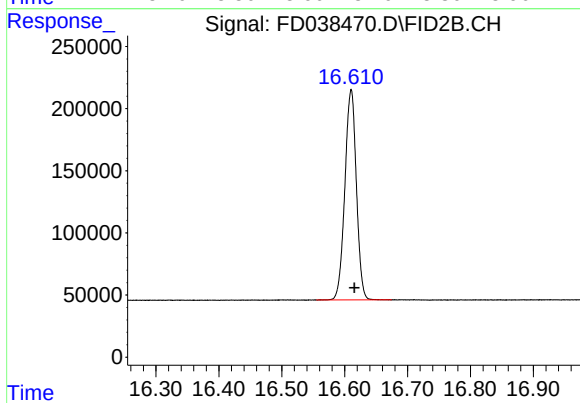
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.004 min
Response: 2333232
Conc: 18.14 ug/ml



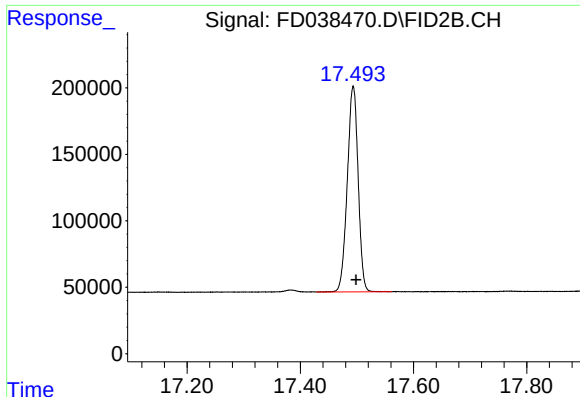
#15 n-Hexacosane (C26)

R.T.: 15.666 min
Delta R.T.: -0.005 min
Response: 2233839
Conc: 17.54 ug/ml



#16 n-Octacosane (C28)

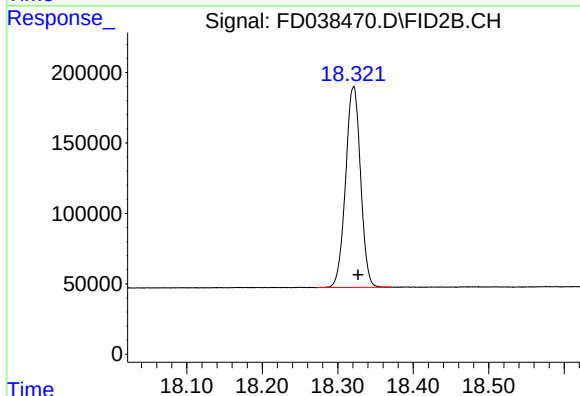
R.T.: 16.610 min
Delta R.T.: -0.006 min
Response: 2150250
Conc: 16.85 ug/ml



#17 n-Tricontane (C30)

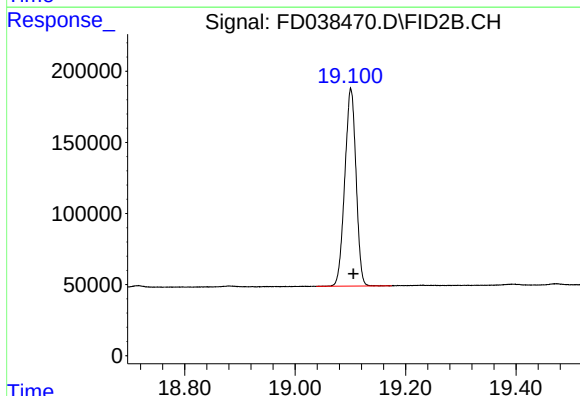
R.T.: 17.493 min
Delta R.T.: -0.005 min
Response: 2057275
Conc: 16.24 ug/ml

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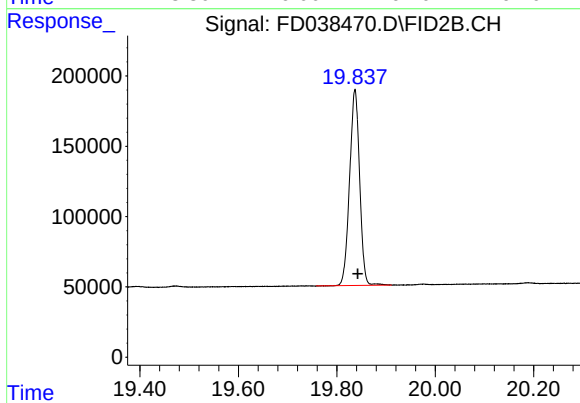
#18 n-Dotriacontane (C32)

R.T.: 18.321 min
Delta R.T.: -0.006 min
Response: 1966648
Conc: 16.01 ug/ml



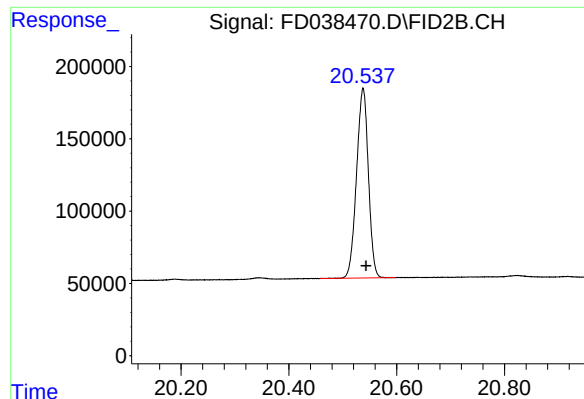
#19 n-Tetratriacontane (C34)

R.T.: 19.101 min
Delta R.T.: -0.005 min
Response: 1961820
Conc: 16.44 ug/ml



#20 n-Hexatriacontane (C36)

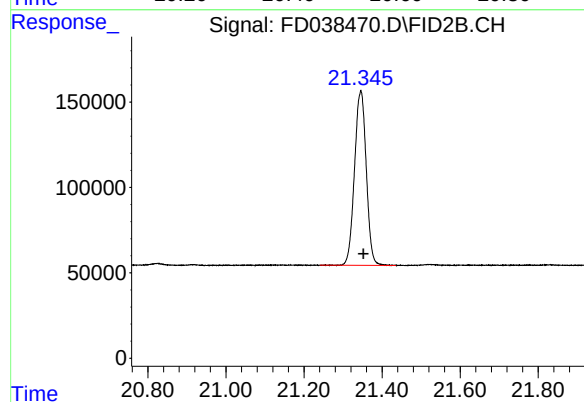
R.T.: 19.837 min
Delta R.T.: -0.005 min
Response: 1973217
Conc: 17.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.538 min
Delta R.T.: -0.006 min
Response: 1995972
Conc: 19.31 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: -0.007 min
Response: 2131330
Conc: 21.23 ug/ml