

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AL\
 Data File : FD035251.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 1:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 03 03:04:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 03:02:29 2020
 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)	11.544	2681292	20.612 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
12) S 1-chlorooctadecane (S...	12.976	2151171	20.641 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.335	2318437	20.589 ug/ml
2) T n-Decane (C10)	4.399	2325301	20.577 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2543884	20.801 ug/ml
4) T n-Dodecane (C12)	6.409	2379565	20.582 ug/ml
5) T A~2-methylnaphthalene...	7.030	2584879	20.864 ug/ml
6) T n-Tetradecane (C14)	8.197	2382568	20.689 ug/ml
7) T n-Hexadecane (C16)	9.792	2362426	20.675 ug/ml
8) T n-Octadecane (C18)	11.228	2484214	20.586 ug/ml
10) T n-Eicosane (C20)	12.533	2525985	20.598 ug/ml
11) T n-Heneicosane (C21)	13.142	2529125	20.571 ug/ml
13) T n-Docosane (C22)	13.727	2534364	20.553 ug/ml
14) T n-Tetracosane (C24)	14.825	2545606	20.576 ug/ml
15) T n-Hexacosane (C26)	15.841	2531415	20.566 ug/ml
16) T n-Octacosane (C28)	16.785	2530248	20.551 ug/ml
17) T n-Tricontane (C30)	17.669	2480898	20.528 ug/ml
18) T n-Dotriacontane (C32)	18.498	2300878	20.463 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2149697	20.481 ug/ml
20) T n-Hexatriacontane (C36)	20.011	1960413	20.465 ug/ml
21) T n-Octatriacontane (C38)	20.733	1819827	20.488 ug/ml
22) T n-Tetracontane (C40)	21.616	1777708	20.256 ug/ml

(f)=RT Delta > 1/2 Window

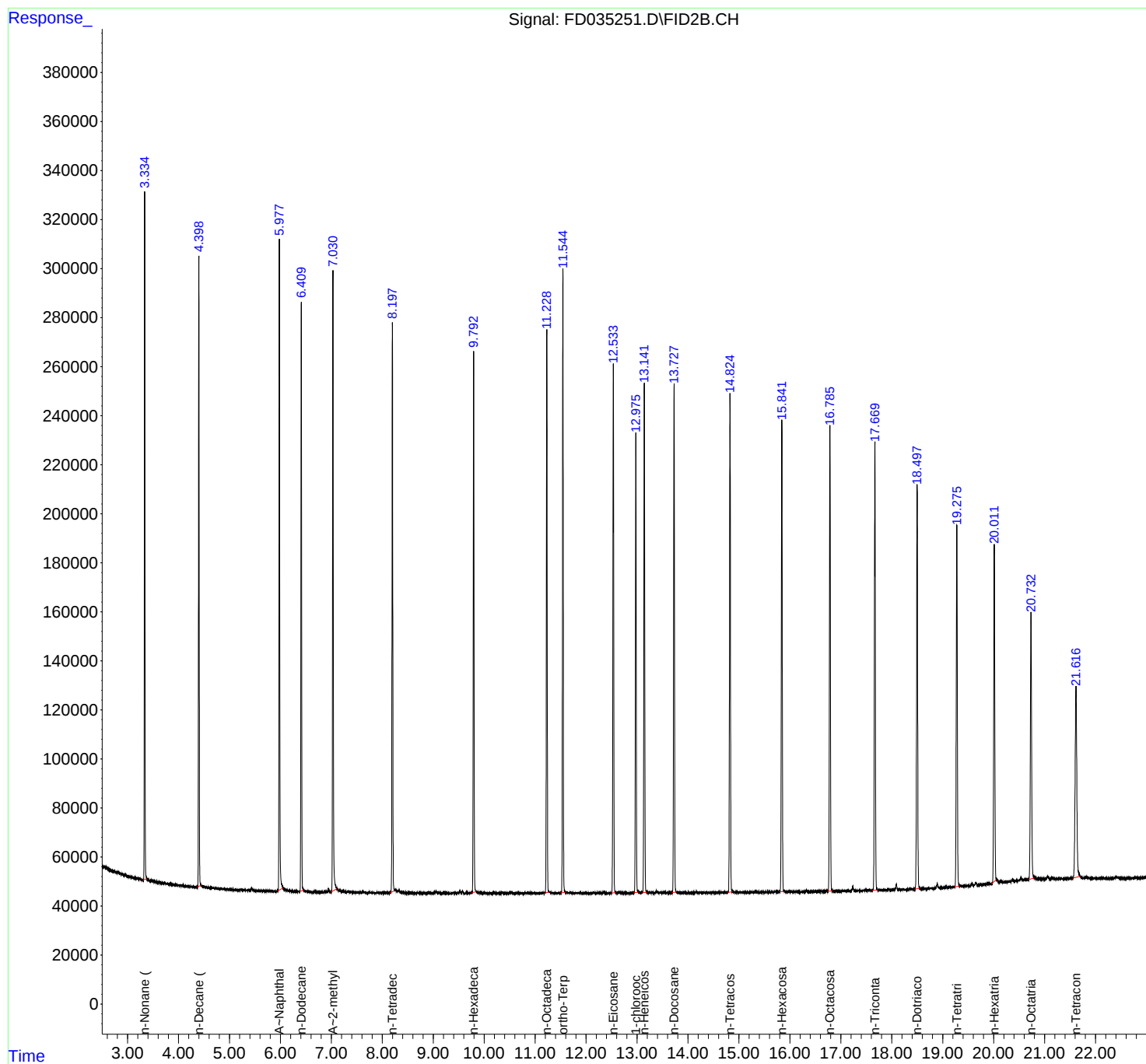
(m)=manual int.

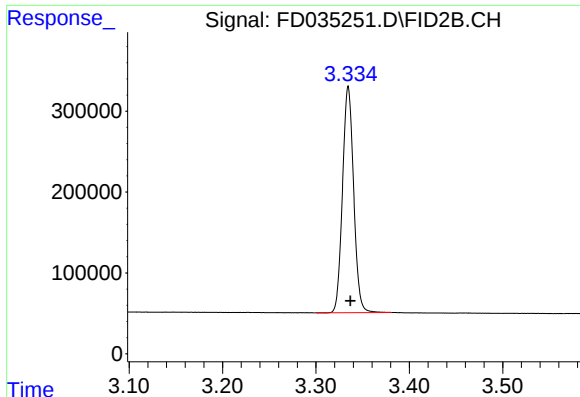
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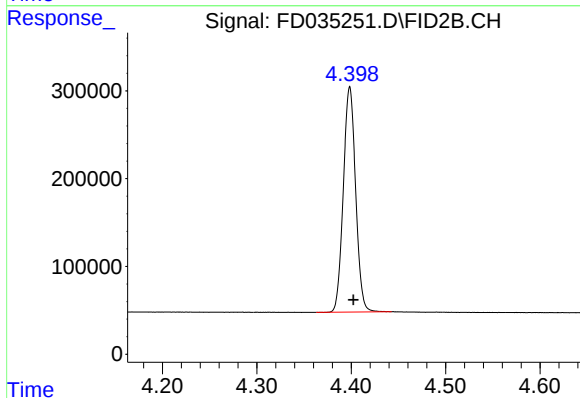




#1 n-Nonane (C9)

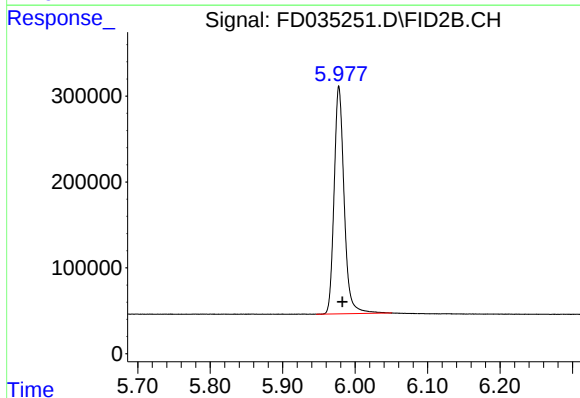
R.T.: 3.335 min
Delta R.T.: -0.002 min
Response: 2318437
Conc: 20.59 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



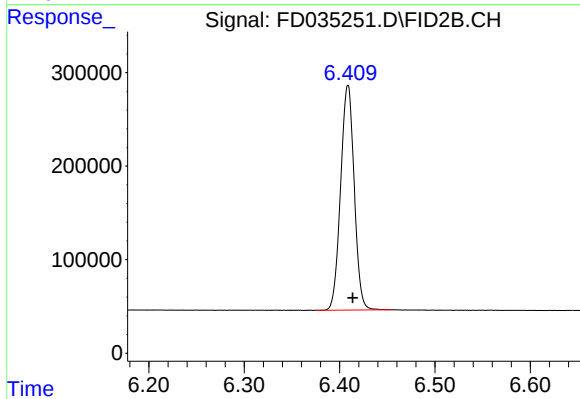
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.004 min
Response: 2325301
Conc: 20.58 ug/ml



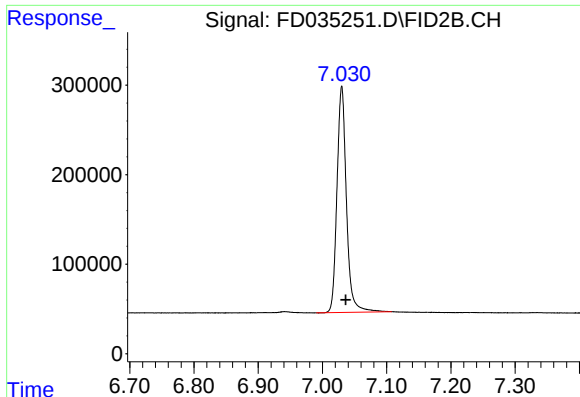
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.005 min
Response: 2543884
Conc: 20.80 ug/ml



#4 n-Dodecane (C12)

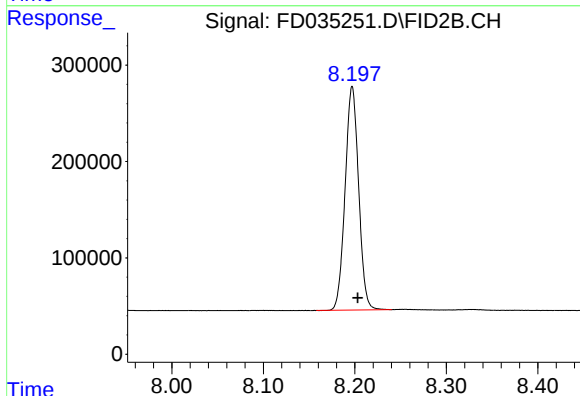
R.T.: 6.409 min
Delta R.T.: -0.005 min
Response: 2379565
Conc: 20.58 ug/ml



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

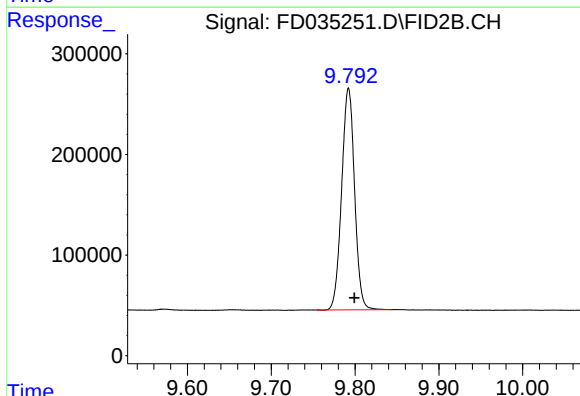
R.T.: 7.030 min
Delta R.T.: -0.006 min
Response: 2584879
Conc: 20.86 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



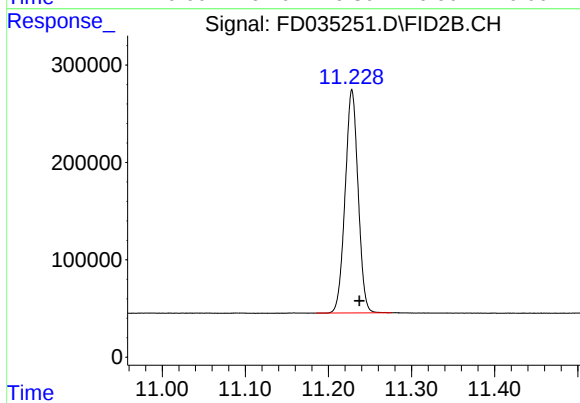
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.006 min
Response: 2382568
Conc: 20.69 ug/ml



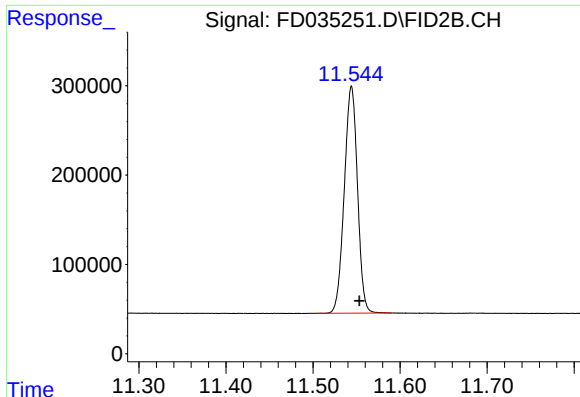
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: -0.007 min
Response: 2362426
Conc: 20.67 ug/ml



#8 n-Octadecane (C18)

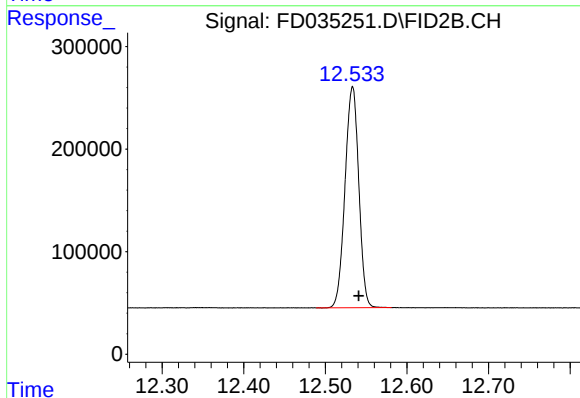
R.T.: 11.228 min
Delta R.T.: -0.009 min
Response: 2484214
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

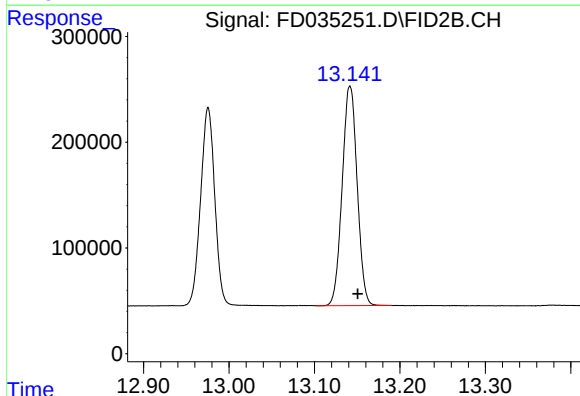
R.T.: 11.544 min
Delta R.T.: -0.009 min
Response: 2681292
Conc: 20.61 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



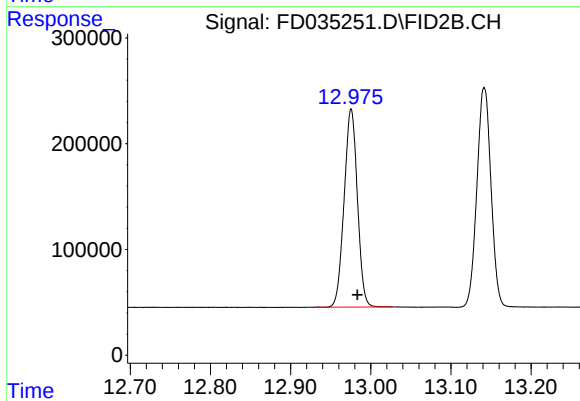
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.007 min
Response: 2525985
Conc: 20.60 ug/ml



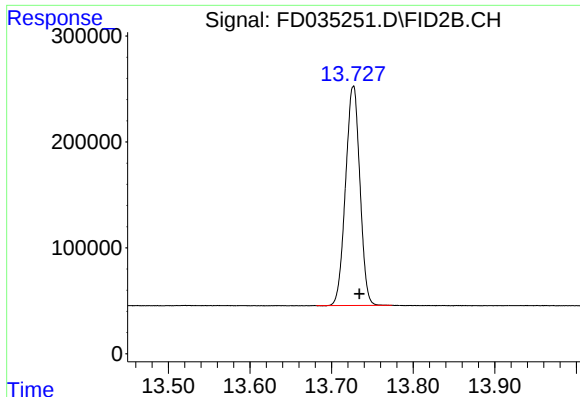
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 2529125
Conc: 20.57 ug/ml



#12 1-chlorooctadecane (SURR)

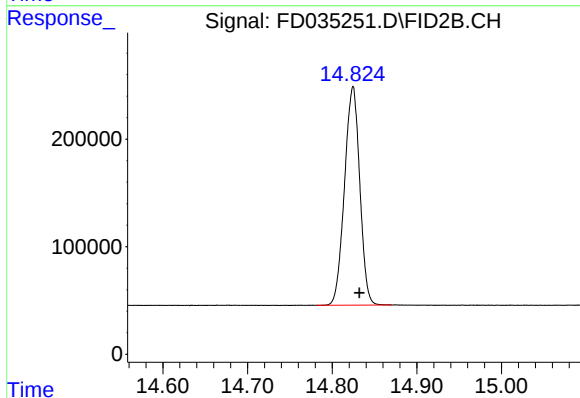
R.T.: 12.976 min
Delta R.T.: -0.008 min
Response: 2151171
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

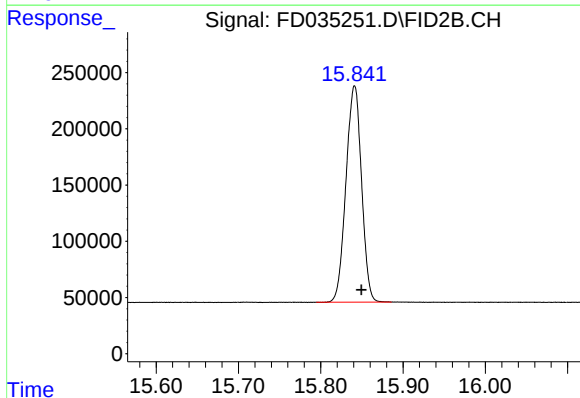
R.T.: 13.727 min
Delta R.T.: -0.007 min
Response: 2534364
Conc: 20.55 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



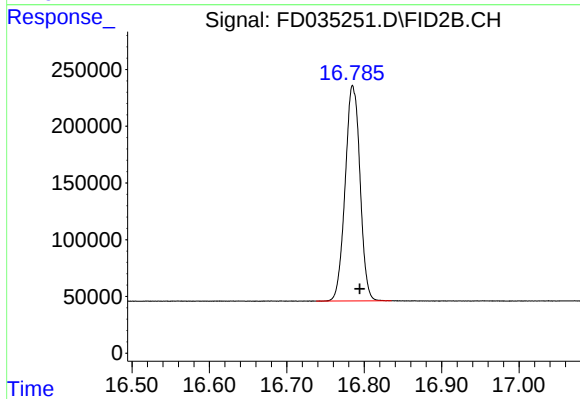
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.008 min
Response: 2545606
Conc: 20.58 ug/ml



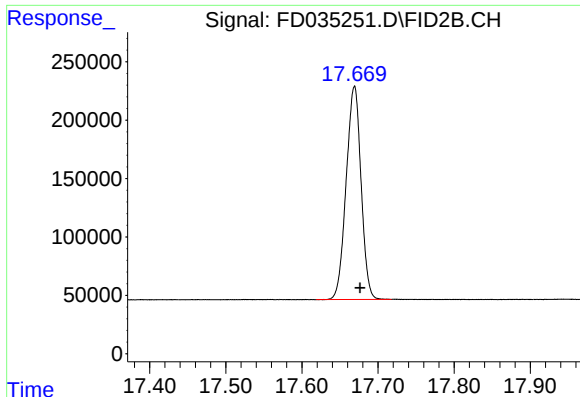
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: -0.008 min
Response: 2531415
Conc: 20.57 ug/ml



#16 n-Octacosane (C28)

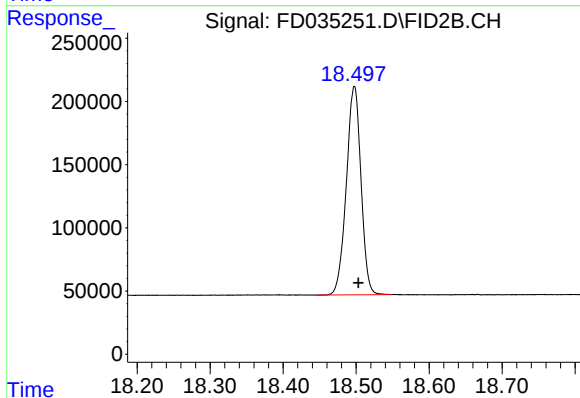
R.T.: 16.785 min
Delta R.T.: -0.009 min
Response: 2530248
Conc: 20.55 ug/ml



#17 n-Tricontane (C30)

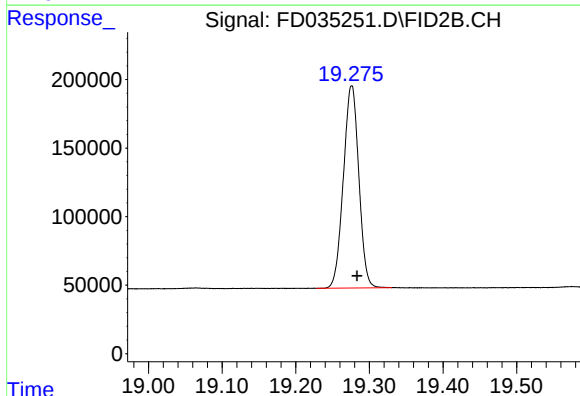
R.T.: 17.669 min
Delta R.T.: -0.007 min
Response: 2480898
Conc: 20.53 ug/ml

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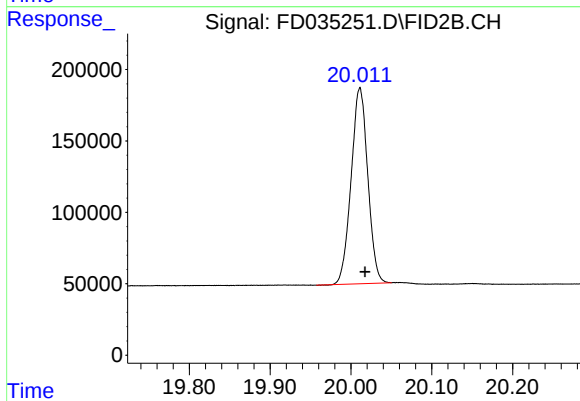
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: -0.006 min
Response: 2300878
Conc: 20.46 ug/ml



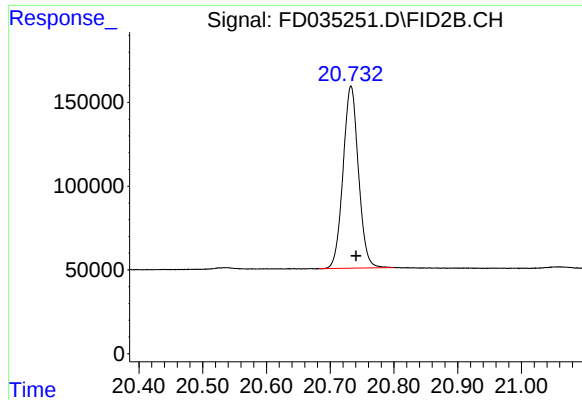
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.007 min
Response: 2149697
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

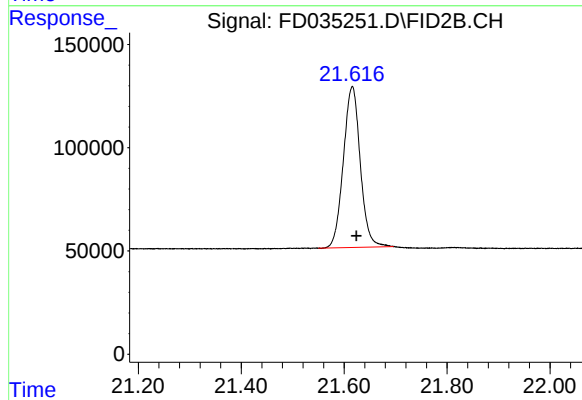
R.T.: 20.011 min
Delta R.T.: -0.007 min
Response: 1960413
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.008 min
Response: 1819827
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.008 min
Response: 1777708
Conc: 20.26 ug/ml