

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080321AL\
 Data File : FD038393.D
 Signal(s) : FID2B.CH
 Acq On : 03 Aug 2021 21:23
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 04 03:24:31 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)	11.367	2684877	19.669 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
12) S 1-chlorooctadecane (S...	12.804	2126872	19.779 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T n-Nonane (C9)	3.194	2327253	19.823 ug/ml
2) T n-Decane (C10)	4.247	2340347	19.850 ug/ml
3) T A~Naphthalene (C11.7)	5.813	2593775	19.870 ug/ml
4) T n-Dodecane (C12)	6.251	2348805	19.781 ug/ml
5) T A~2-methylnaphthalene...	6.863	2604084	19.900 ug/ml
6) T n-Tetradecane (C14)	8.036	2376374	19.553 ug/ml
7) T n-Hexadecane (C16)	9.628	2399943	19.637 ug/ml
8) T n-Octadecane (C18)	11.061	2480184	19.699 ug/ml
10) T n-Eicosane (C20)	12.363	2495555	19.797 ug/ml
11) T n-Heneicosane (C21)	12.972	2527547	19.800 ug/ml
13) T n-Docosane (C22)	13.555	2527354	19.853 ug/ml
14) T n-Tetracosane (C24)	14.653	2565548	19.945 ug/ml
15) T n-Hexacosane (C26)	15.669	2550977	20.031 ug/ml
16) T n-Octacosane (C28)	16.615	2564044	20.097 ug/ml
17) T n-Tricontane (C30)	17.498	2550512	20.131 ug/ml
18) T n-Dotriacontane (C32)	18.327	2477114	20.159 ug/ml
19) T n-Tetratriacontane (C34)	19.107	2411178	20.203 ug/ml
20) T n-Hexatriacontane (C36)	19.843	2261222	20.288 ug/ml
21) T n-Octatriacontane (C38)	20.544	2091389	20.230 ug/ml
22) T n-Tetracontane (C40)	21.354	2016210	20.088 ug/ml

(f)=RT Delta > 1/2 Window

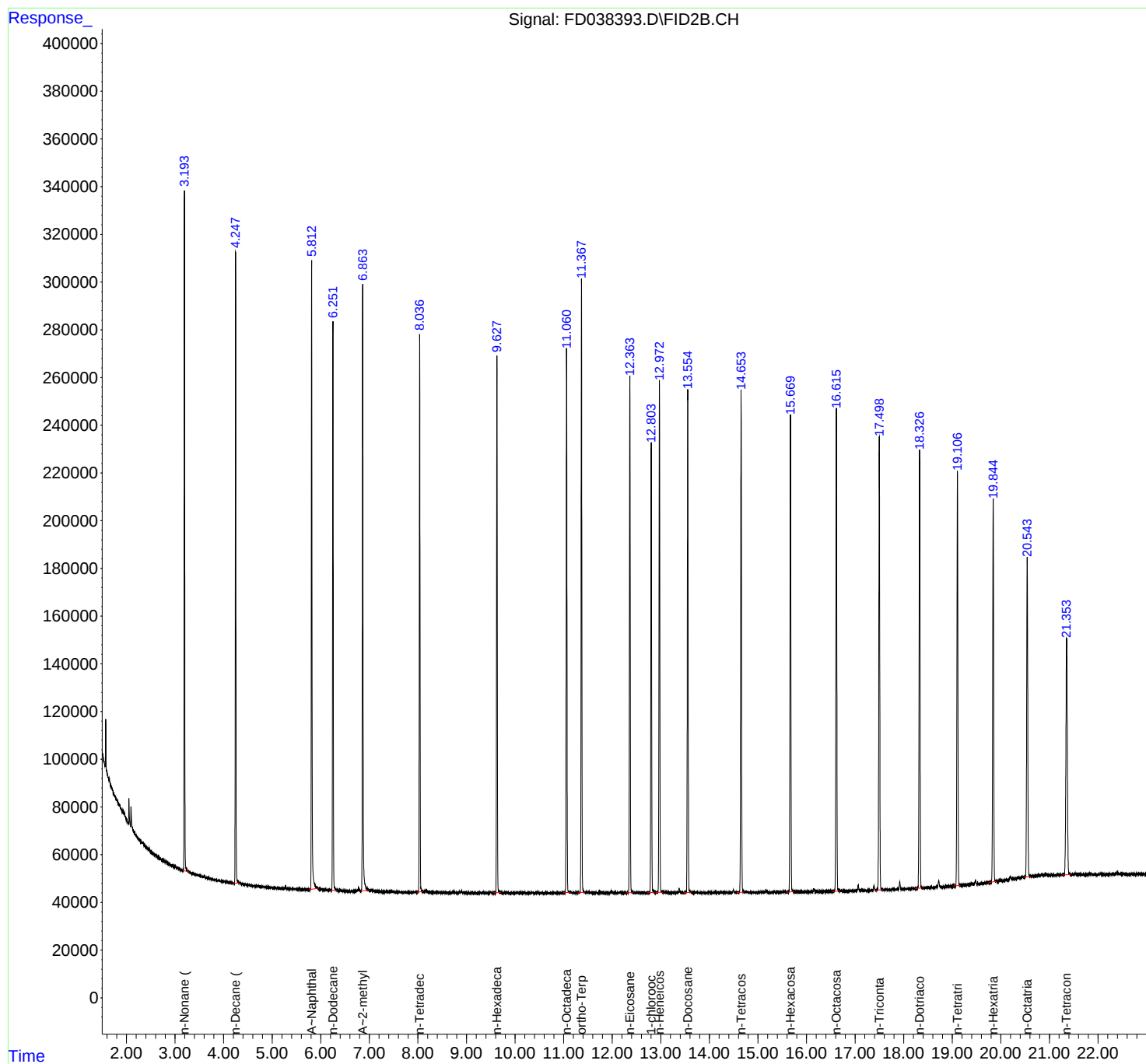
(m)=manual int.

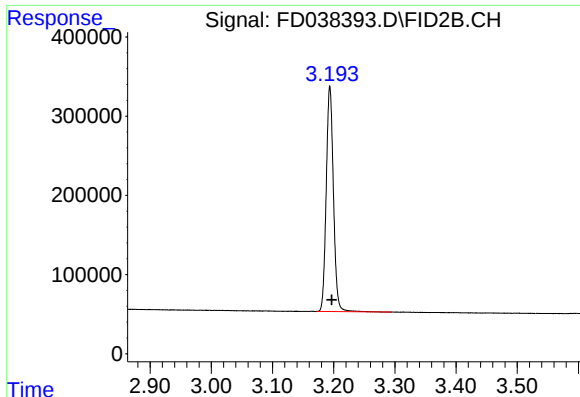
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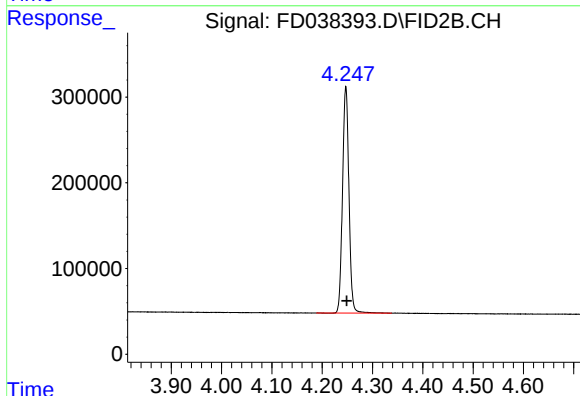




#1 n-Nonane (C9)

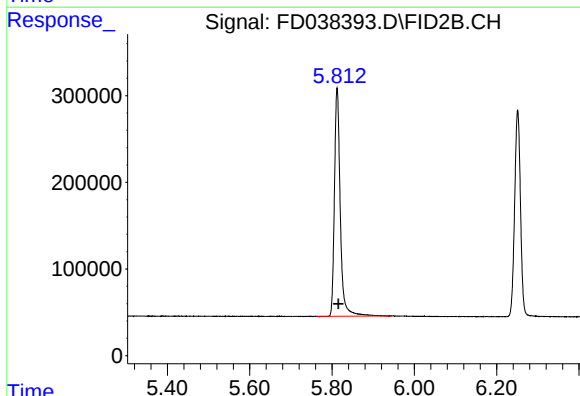
R.T.: 3.194 min
Delta R.T.: -0.003 min
Response: 2327253
Conc: 19.82 ug/ml

Instrument :
FID_D
ClientSampleId :



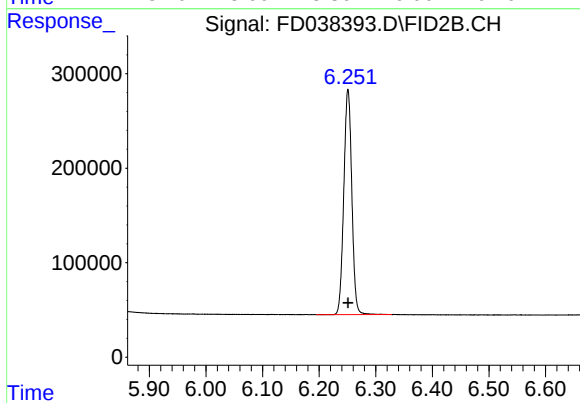
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 2340347
Conc: 19.85 ug/ml



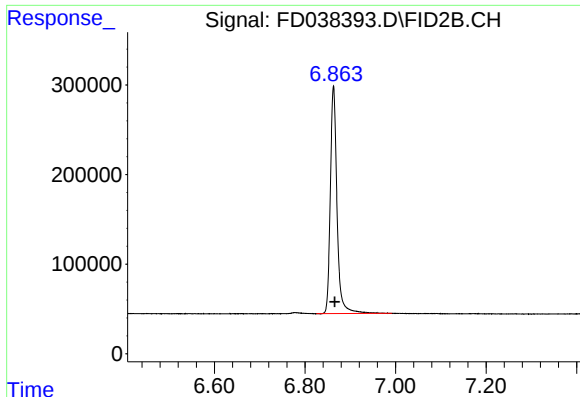
#3 A~Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 2593775
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

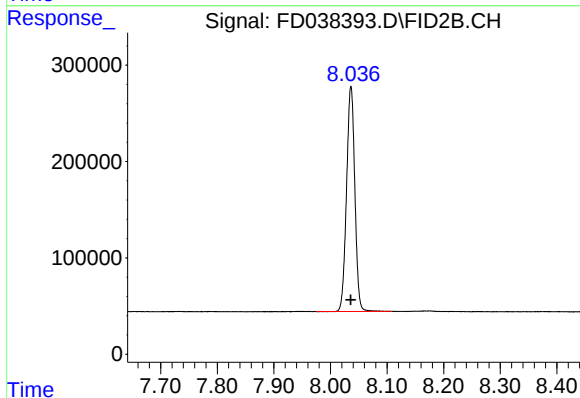
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 2348805
Conc: 19.78 ug/ml



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

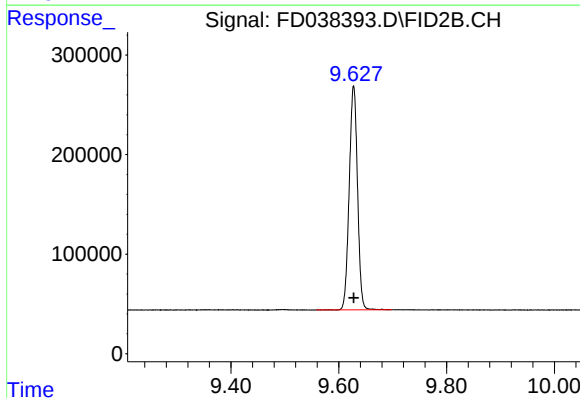
R.T.: 6.863 min
Delta R.T.: -0.003 min
Response: 2604084
Conc: 19.90 ug/ml

Instrument :
FID_D
ClientSampleId :



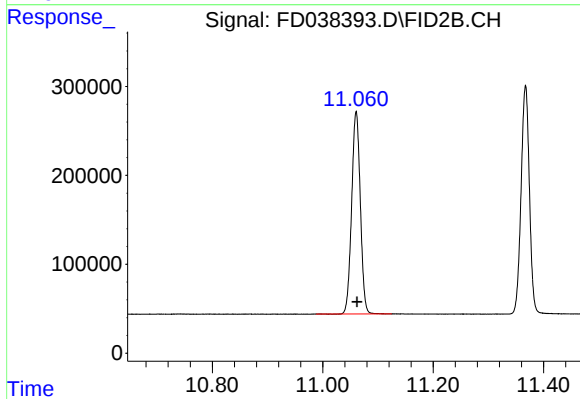
#6 n-Tetradecane (C14)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 2376374
Conc: 19.55 ug/ml



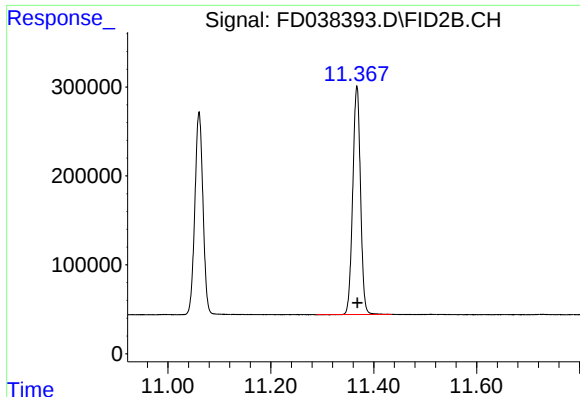
#7 n-Hexadecane (C16)

R.T.: 9.628 min
Delta R.T.: 0.000 min
Response: 2399943
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

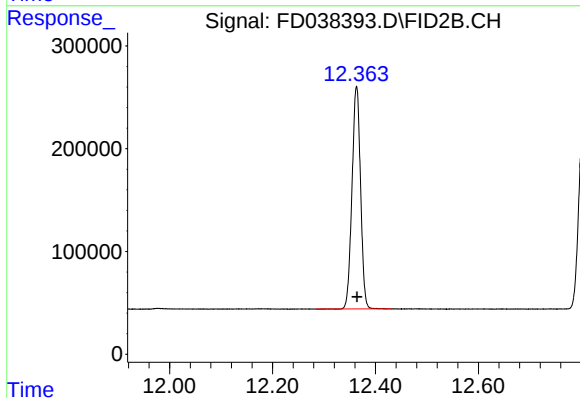
R.T.: 11.061 min
Delta R.T.: -0.001 min
Response: 2480184
Conc: 19.70 ug/ml



#9 ortho-Terphenyl (SURR)

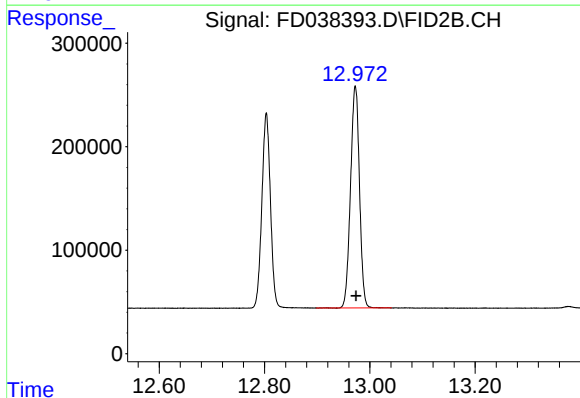
R.T.: 11.367 min
Delta R.T.: 0.000 min
Response: 2684877
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :



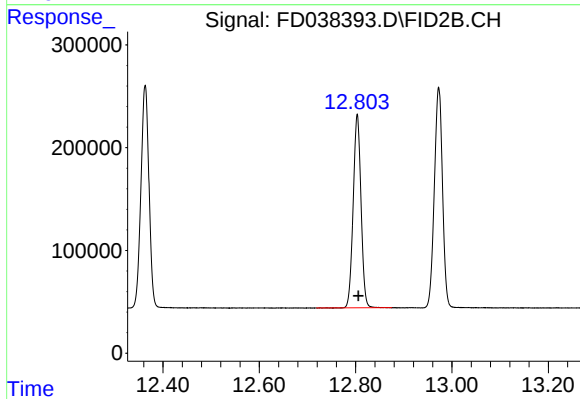
#10 n-Eicosane (C20)

R.T.: 12.363 min
Delta R.T.: -0.001 min
Response: 2495555
Conc: 19.80 ug/ml



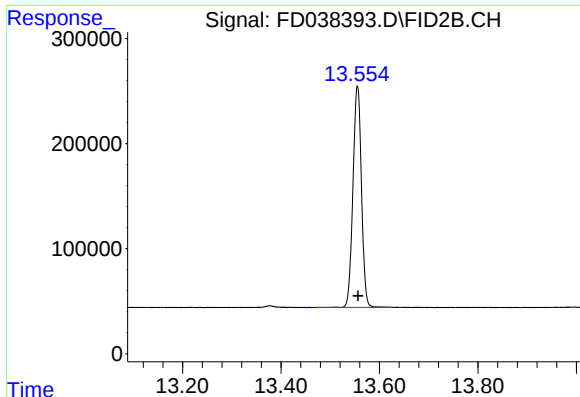
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.001 min
Response: 2527547
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

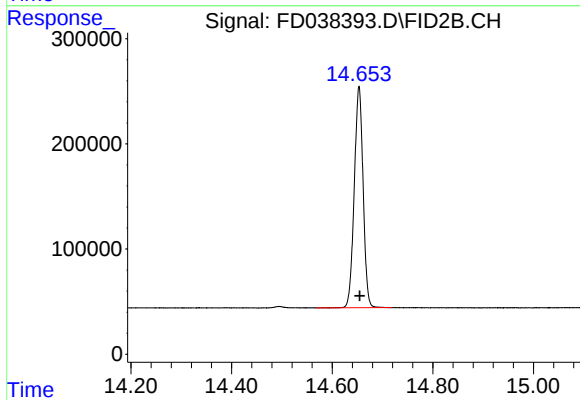
R.T.: 12.804 min
Delta R.T.: -0.002 min
Response: 2126872
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

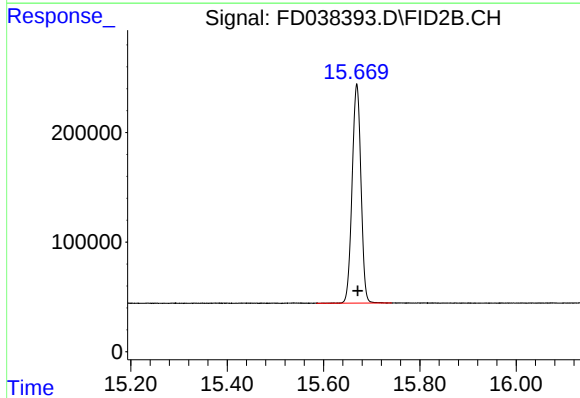
R.T.: 13.555 min
Delta R.T.: -0.001 min
Response: 2527354
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :



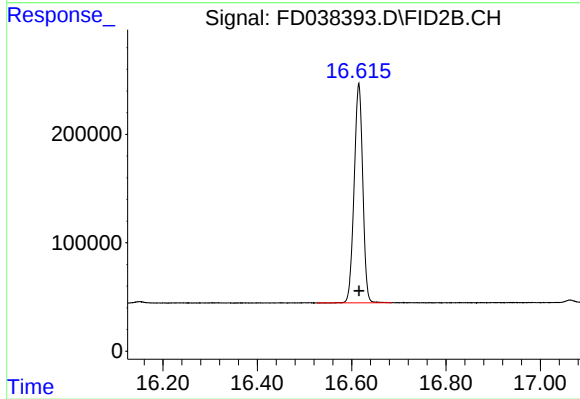
#14 n-Tetracosane (C24)

R.T.: 14.653 min
Delta R.T.: -0.001 min
Response: 2565548
Conc: 19.94 ug/ml



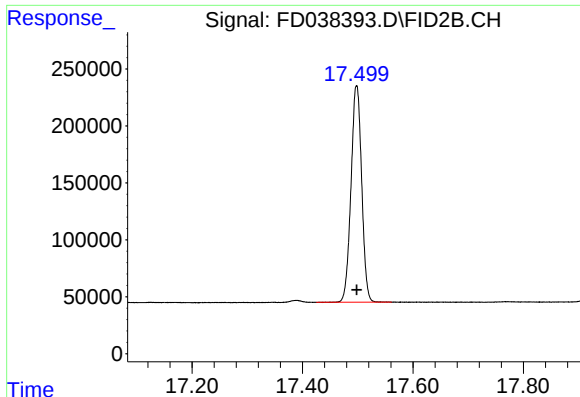
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: -0.002 min
Response: 2550977
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

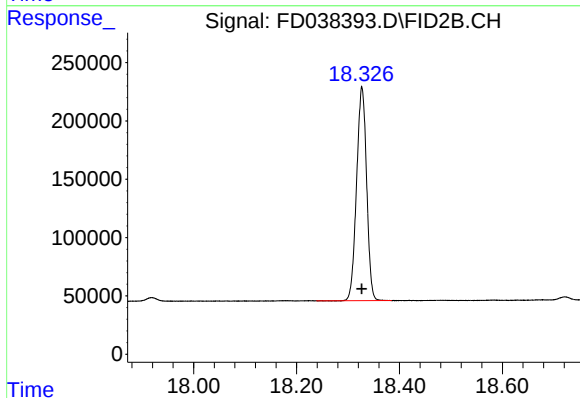
R.T.: 16.615 min
Delta R.T.: 0.000 min
Response: 2564044
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

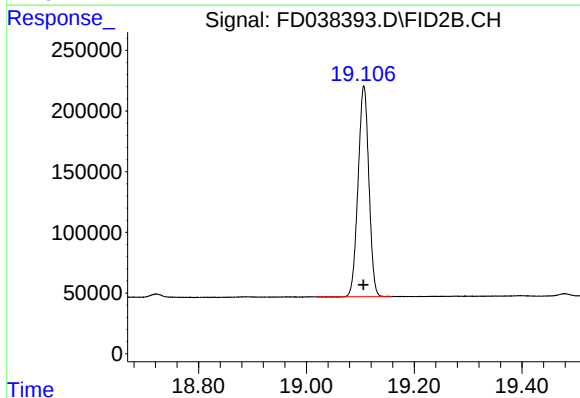
R.T.: 17.498 min
Delta R.T.: 0.000 min
Response: 2550512
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :



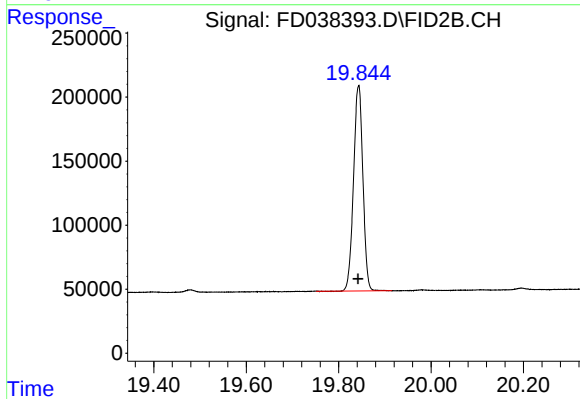
#18 n-Dotriacontane (C32)

R.T.: 18.327 min
Delta R.T.: 0.000 min
Response: 2477114
Conc: 20.16 ug/ml



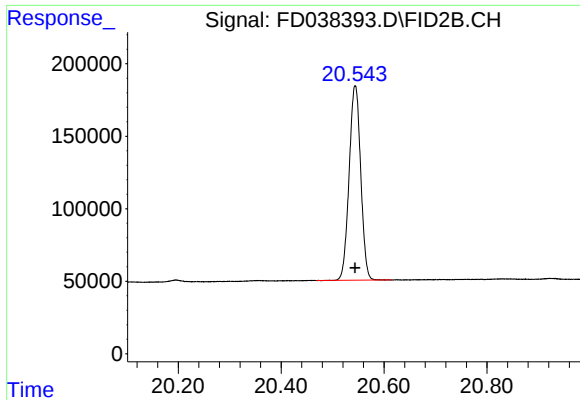
#19 n-Tetratriacontane (C34)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 2411178
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

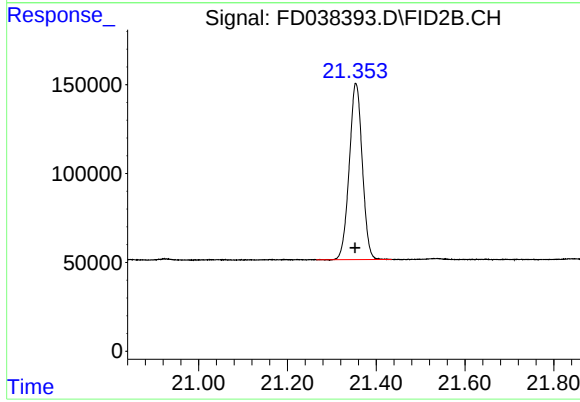
R.T.: 19.843 min
Delta R.T.: 0.000 min
Response: 2261222
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: 0.000 min
Response: 2091389
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.354 min
Delta R.T.: 0.002 min
Response: 2016210
Conc: 20.09 ug/ml