

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AL\
 Data File : FD038063.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2021 21:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 10:15:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:09:32 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)	11.420	2891828	20.006 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	12.855	2274377	19.949 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T n-Nonane (C9)	3.235	2421904	19.931 ug/ml
2) T n-Decane (C10)	4.291	2445696	19.996 ug/ml
3) T A~Naphthalene (C11.7)	5.860	2699474	19.747 ug/ml
4) T n-Dodecane (C12)	6.297	2482156	19.929 ug/ml
5) T A~2-methylnaphthalene...	6.912	2700969	19.609 ug/ml
6) T n-Tetradecane (C14)	8.085	2541813	19.776 ug/ml
7) T n-Hexadecane (C16)	9.677	2575998	19.879 ug/ml
8) T n-Octadecane (C18)	11.111	2670696	19.831 ug/ml
10) T n-Eicosane (C20)	12.414	2677210	19.932 ug/ml
11) T n-Heneicosane (C21)	13.023	2701263	19.883 ug/ml
13) T n-Docosane (C22)	13.606	2681337	19.928 ug/ml
14) T n-Tetracosane (C24)	14.703	2675050	19.811 ug/ml
15) T n-Hexacosane (C26)	15.718	2620068	19.886 ug/ml
16) T n-Octacosane (C28)	16.663	2582159	19.804 ug/ml
17) T n-Tricontane (C30)	17.546	2522539	19.739 ug/ml
18) T n-Dotriacontane (C32)	18.374	2414733	19.625 ug/ml
19) T n-Tetratriacontane (C34)	19.153	2326556	19.868 ug/ml
20) T n-Hexatriacontane (C36)	19.888	2168747	19.859 ug/ml
21) T n-Octatriacontane (C38)	20.594	2004393	19.901 ug/ml
22) T n-Tetracontane (C40)	21.421	1942555	19.862 ug/ml

(f)=RT Delta > 1/2 Window

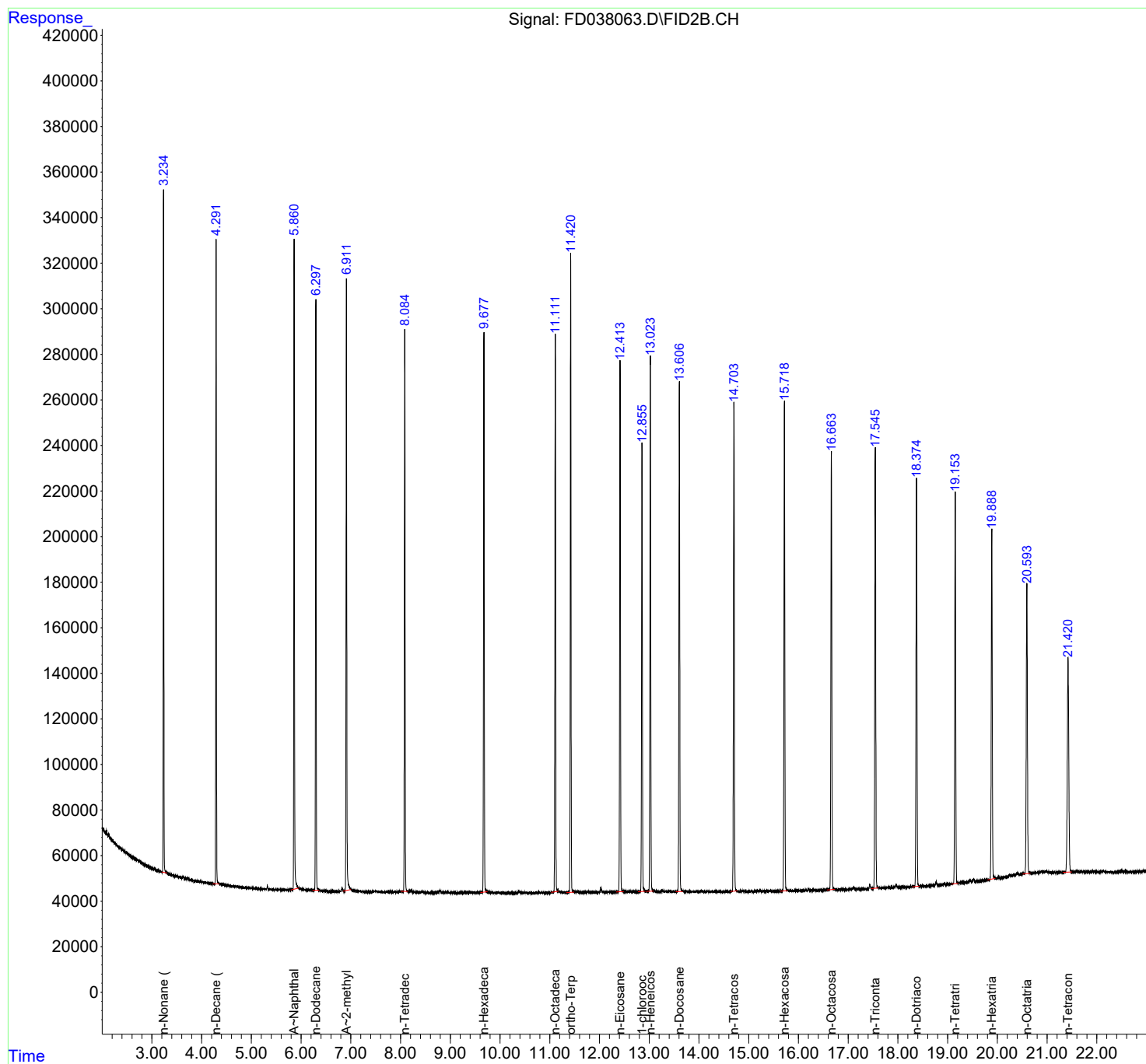
(m)=manual int.

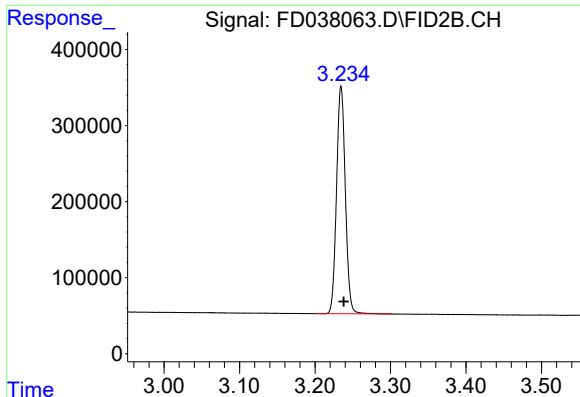
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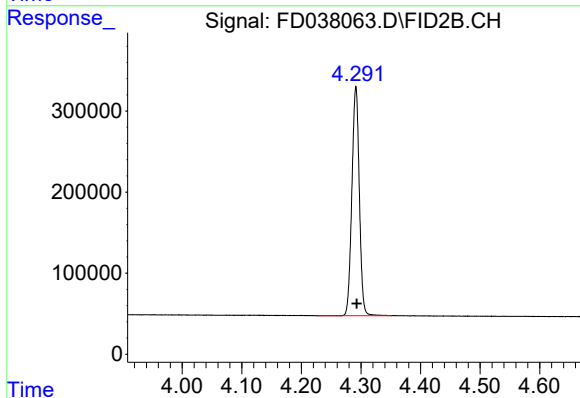




#1 n-Nonane (C9)

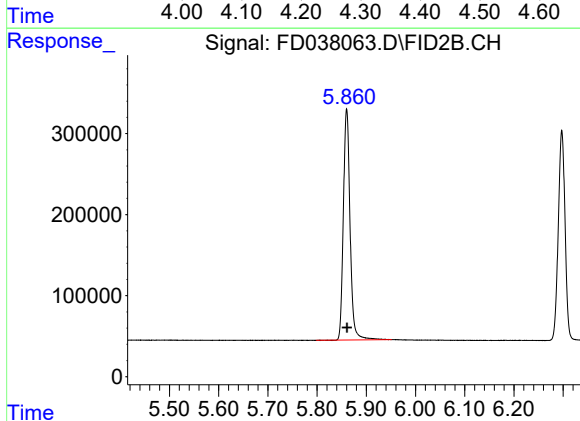
R.T.: 3.235 min
Delta R.T.: -0.003 min
Response: 2421904
Conc: 19.93 ug/ml

Instrument :
FID_D
ClientSampleId :



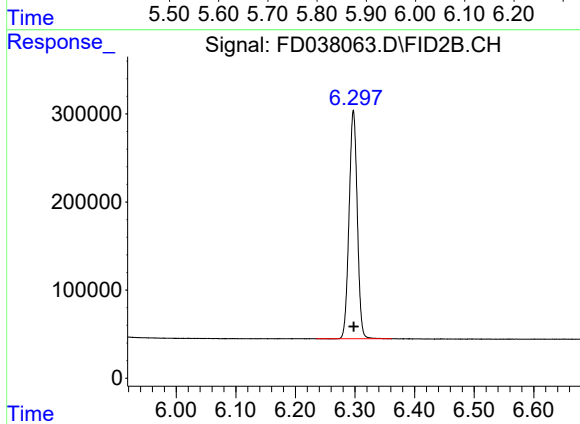
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.001 min
Response: 2445696
Conc: 20.00 ug/ml



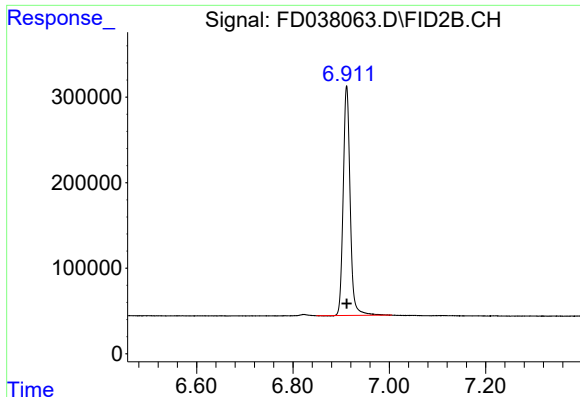
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 2699474
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

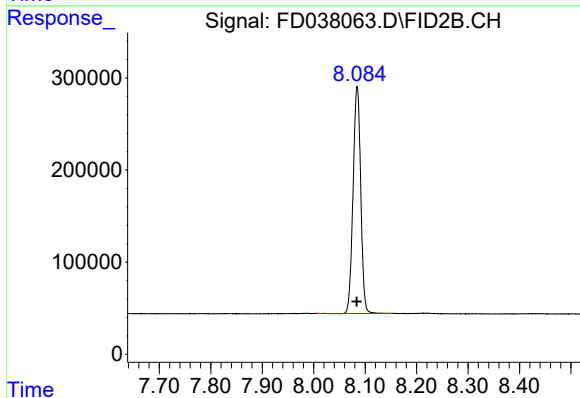
R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 2482156
Conc: 19.93 ug/ml



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

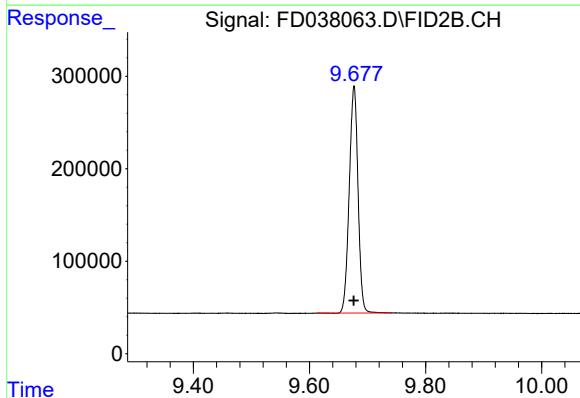
R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 2700969
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :



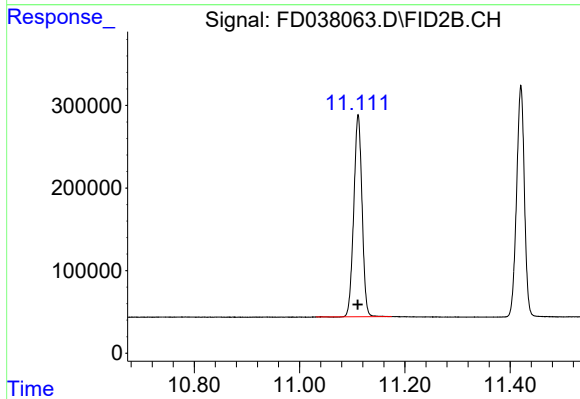
#6 n-Tetradecane (C14)

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 2541813
Conc: 19.78 ug/ml



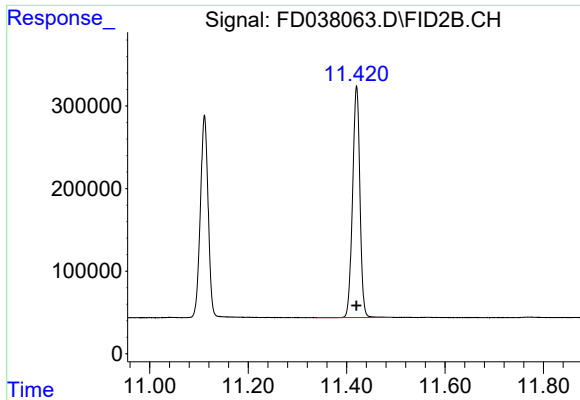
#7 n-Hexadecane (C16)

R.T.: 9.677 min
Delta R.T.: 0.000 min
Response: 2575998
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

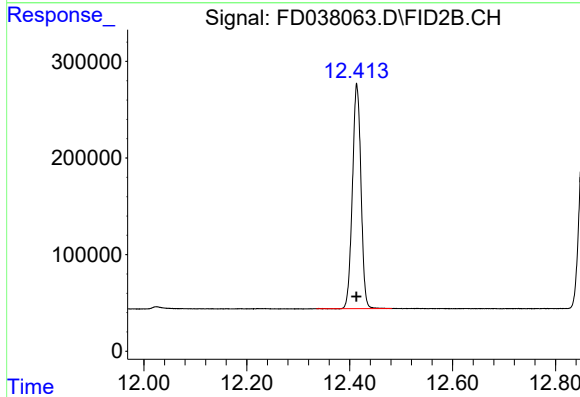
R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 2670696
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

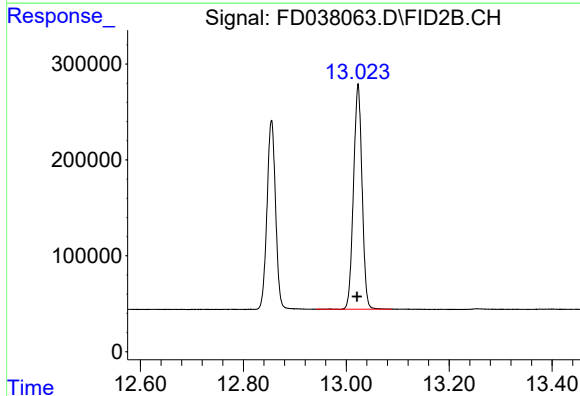
R.T.: 11.420 min
Delta R.T.: 0.000 min
Response: 2891828
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :



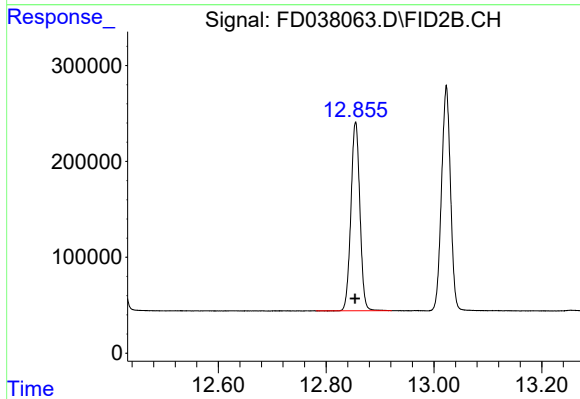
#10 n-Eicosane (C20)

R.T.: 12.414 min
Delta R.T.: 0.001 min
Response: 2677210
Conc: 19.93 ug/ml



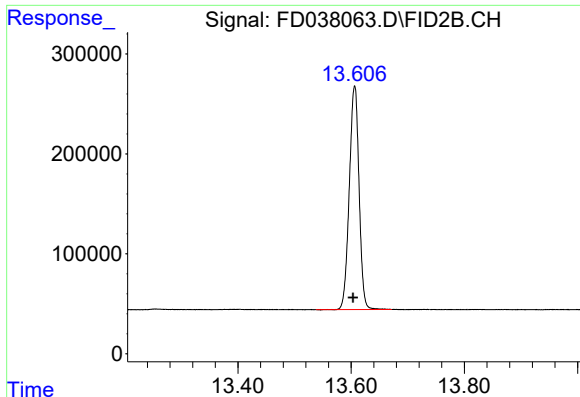
#11 n-Heneicosane (C21)

R.T.: 13.023 min
Delta R.T.: 0.002 min
Response: 2701263
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

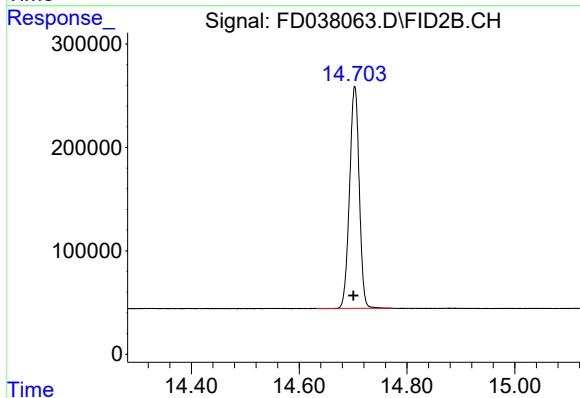
R.T.: 12.855 min
Delta R.T.: 0.001 min
Response: 2274377
Conc: 19.95 ug/ml



#13 n-Docosane (C22)

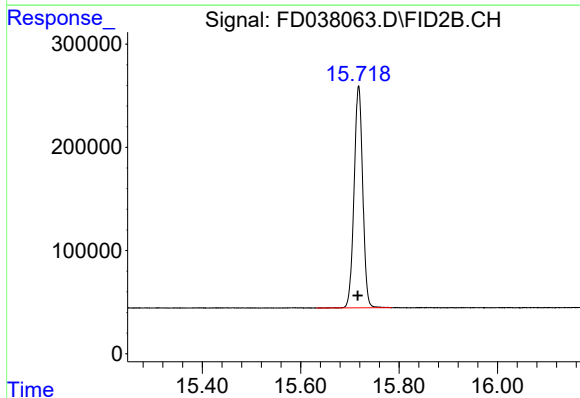
R.T.: 13.606 min
Delta R.T.: 0.002 min
Response: 2681337
Conc: 19.93 ug/ml

Instrument :
FID_D
ClientSampleId :



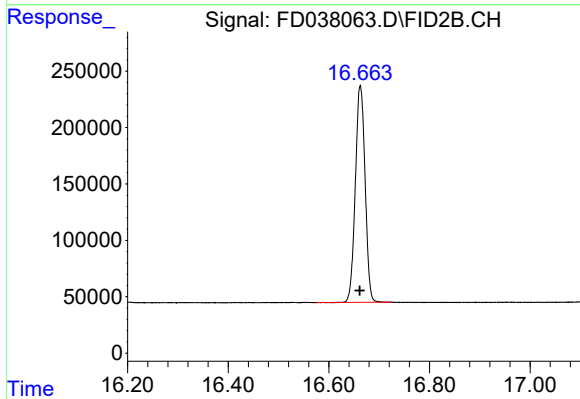
#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: 0.002 min
Response: 2675050
Conc: 19.81 ug/ml



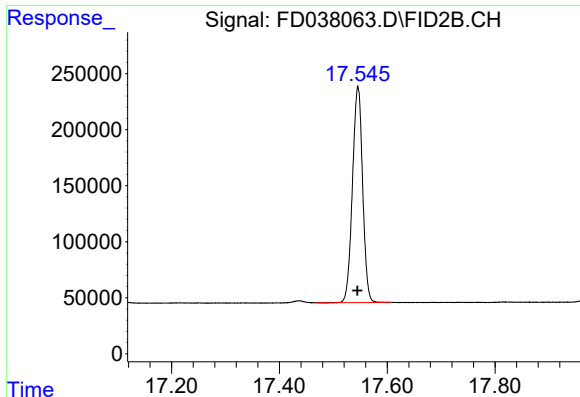
#15 n-Hexacosane (C26)

R.T.: 15.718 min
Delta R.T.: 0.002 min
Response: 2620068
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

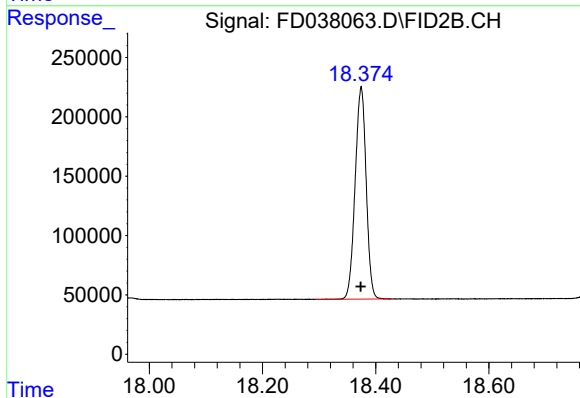
R.T.: 16.663 min
Delta R.T.: 0.001 min
Response: 2582159
Conc: 19.80 ug/ml



#17 n-Tricontane (C30)

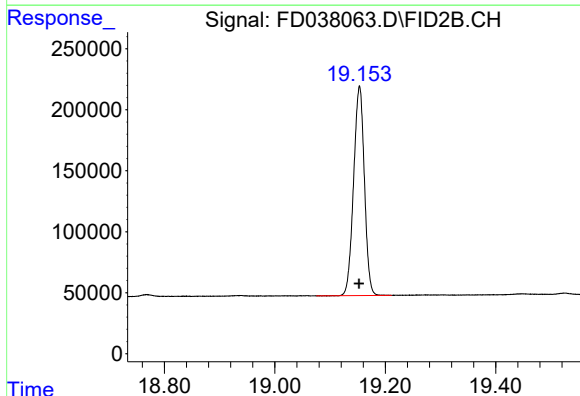
R.T.: 17.546 min
Delta R.T.: 0.000 min
Response: 2522539
Conc: 19.74 ug/ml

Instrument :
FID_D
ClientSampleId :



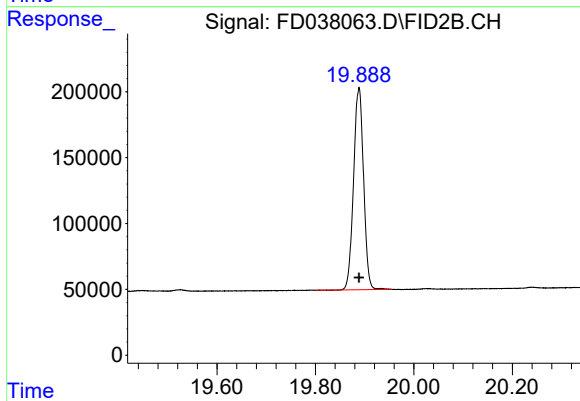
#18 n-Dotriacontane (C32)

R.T.: 18.374 min
Delta R.T.: 0.000 min
Response: 2414733
Conc: 19.62 ug/ml



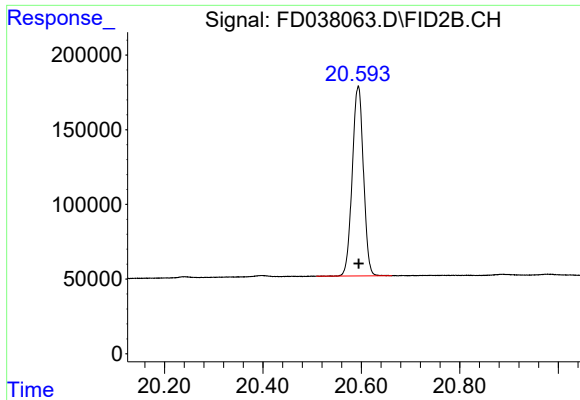
#19 n-Tetratriacontane (C34)

R.T.: 19.153 min
Delta R.T.: 0.000 min
Response: 2326556
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

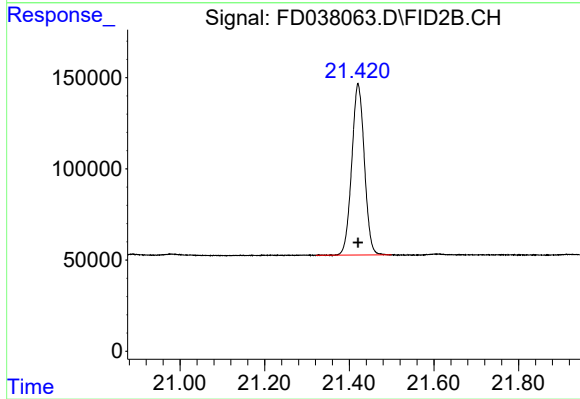
R.T.: 19.888 min
Delta R.T.: 0.000 min
Response: 2168747
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: 0.000 min
Response: 2004393
Conc: 19.90 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.421 min
Delta R.T.: 0.000 min
Response: 1942555
Conc: 19.86 ug/ml