

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041819AL\
 Data File : FD028965.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2019 8:41
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 18 13:06:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 04:15:45 2019
 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)	10.996	2727392	18.949 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	12.418	2061401	17.661 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T n-Nonane (C9)	2.846	1786943	18.524 ug/ml
2) T n-Decane (C10)	3.865	1846328	18.530 ug/ml
3) T A~Naphthalene (C11.7)	5.437	2136345	19.130 ug/ml
4) T n-Dodecane (C12)	5.856	1923140	18.865 ug/ml
5) T A~2-methylnaphthalene...	6.485	2195695	19.348 ug/ml
6) T n-Tetradecane (C14)	7.643	2040054	19.172 ug/ml
7) T n-Hexadecane (C16)	9.237	2102951	18.905 ug/ml
8) T n-Octadecane (C18)	10.672	2134168	18.431 ug/ml
10) T n-Eicosane (C20)	11.973	2154231	18.234 ug/ml
11) T n-Heneicosane (C21)	12.582	2122790	18.029 ug/ml
13) T n-Docosane (C22)	13.165	2155226	18.253 ug/ml
14) T n-Tetracosane (C24)	14.261	2207181	18.908 ug/ml
15) T n-Hexacosane (C26)	15.275	2267035	19.876 ug/ml
16) T n-Octacosane (C28)	16.218	2376569	21.150 ug/ml
17) T n-Tricontane (C30)	17.098	2379107	22.106 ug/ml
18) T n-Dotriacontane (C32)	17.924	2269967	22.394 ug/ml
19) T n-Tetratriacontane (C34)	18.724	1932088	22.098 ug/ml
20) T n-Hexatriacontane (C36)	19.717	1691543	21.985 ug/ml
21) T n-Octatriacontane (C38)	21.054	1572579	21.911 ug/ml
22) T n-Tetracontane (C40)	22.916	1535130	21.662 ug/ml

(f)=RT Delta > 1/2 Window

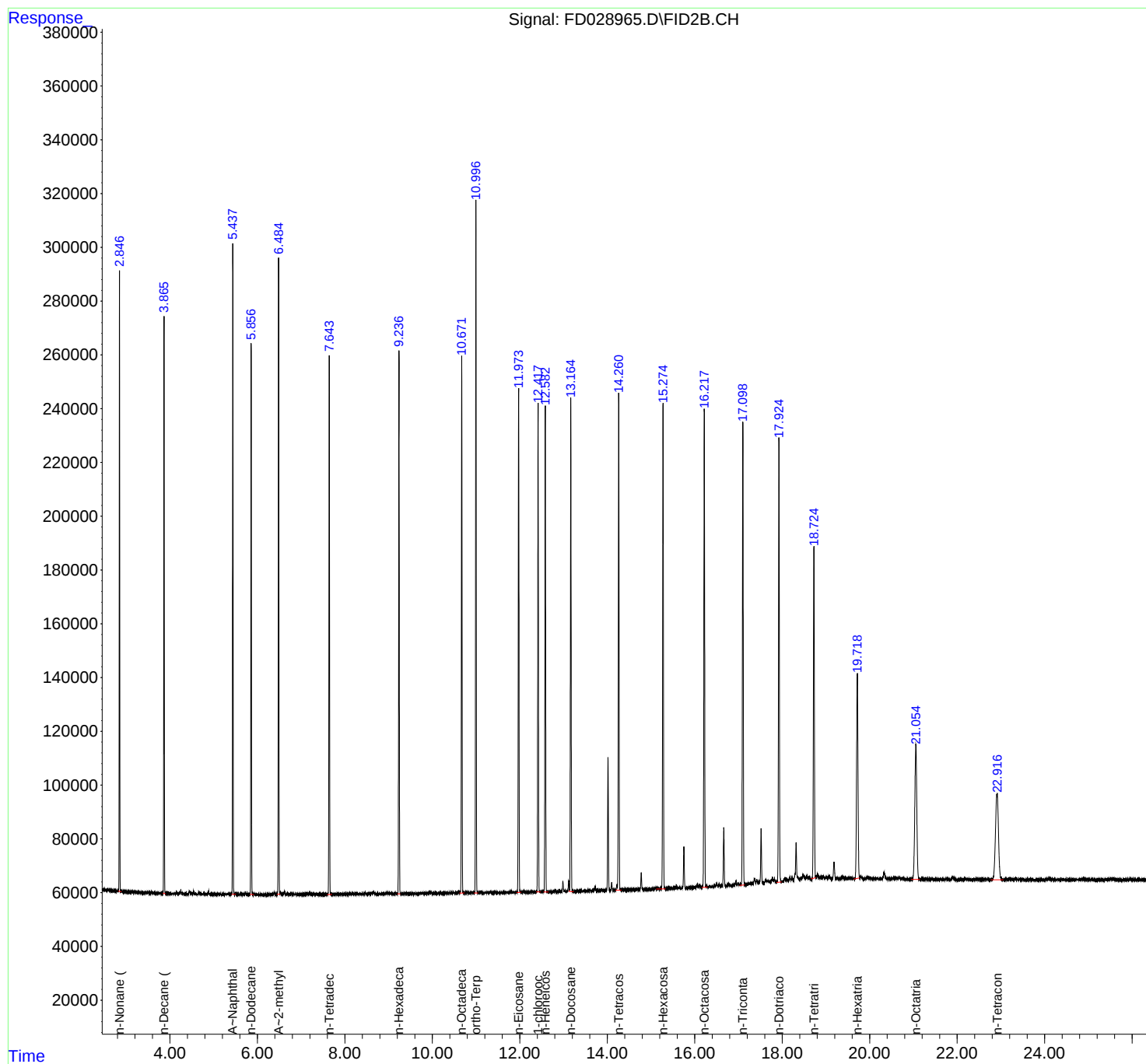
(m)=manual int.

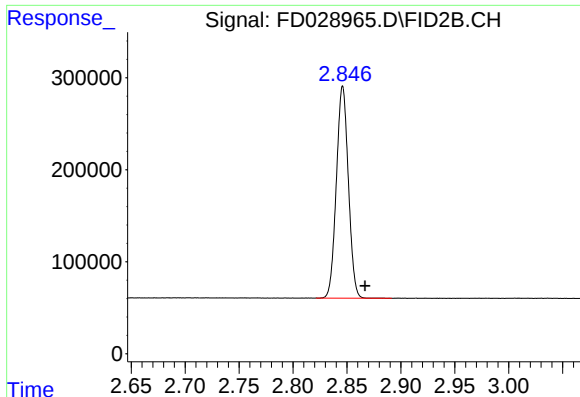
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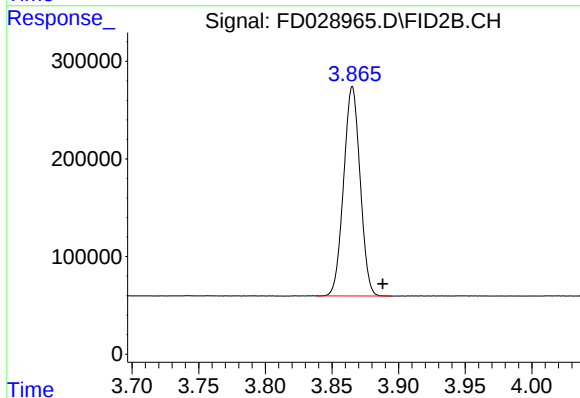




#1 n-Nonane (C9)

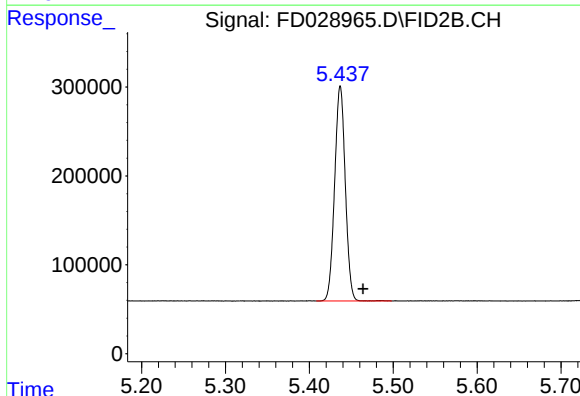
R.T.: 2.846 min
Delta R.T.: -0.021 min
Response: 1786943
Conc: 18.52 ug/ml

Instrument :
FID_D
ClientSampleId :



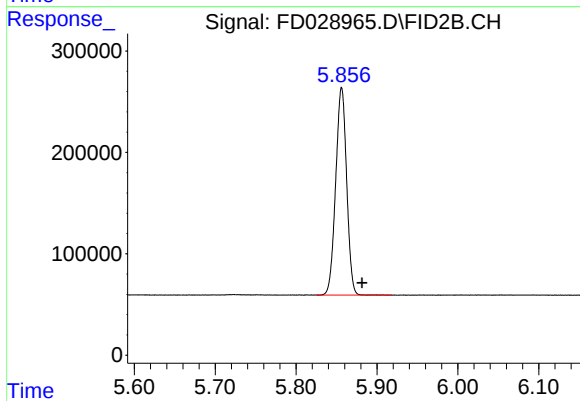
#2 n-Decane (C10)

R.T.: 3.865 min
Delta R.T.: -0.023 min
Response: 1846328
Conc: 18.53 ug/ml



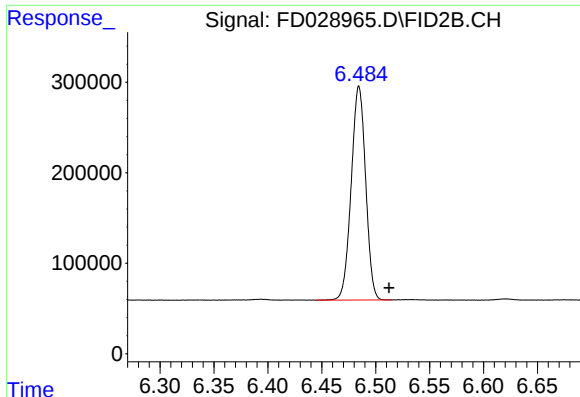
#3 A~Naphthalene (C11.7)

R.T.: 5.437 min
Delta R.T.: -0.027 min
Response: 2136345
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

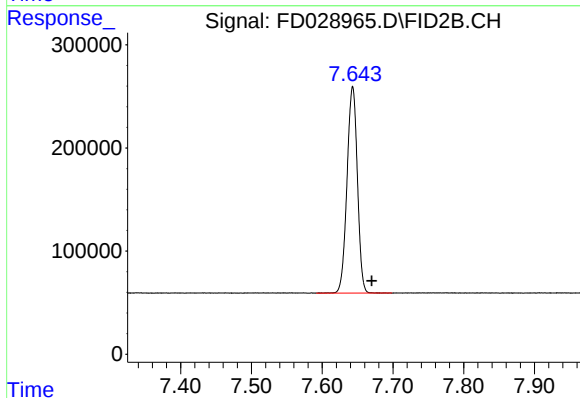
R.T.: 5.856 min
Delta R.T.: -0.025 min
Response: 1923140
Conc: 18.86 ug/ml



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

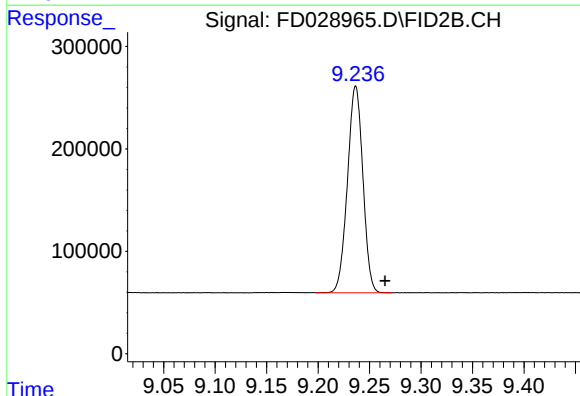
R.T.: 6.485 min
Delta R.T.: -0.028 min
Response: 2195695
Conc: 19.35 ug/ml

Instrument :
FID_D
ClientSampleId :



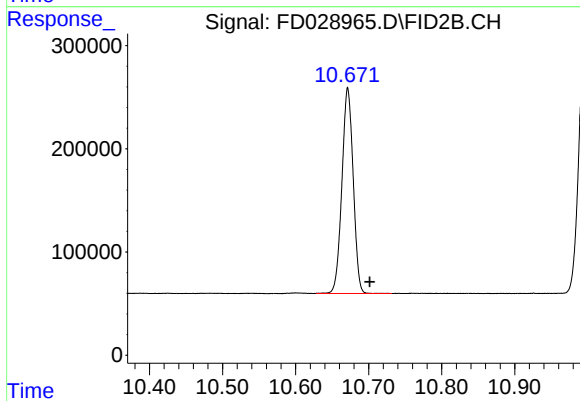
#6 n-Tetradecane (C14)

R.T.: 7.643 min
Delta R.T.: -0.027 min
Response: 2040054
Conc: 19.17 ug/ml



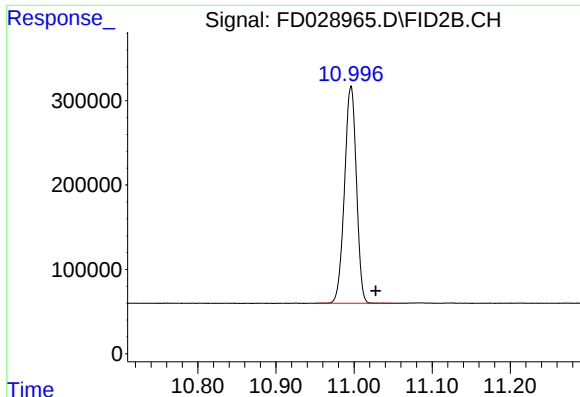
#7 n-Hexadecane (C16)

R.T.: 9.237 min
Delta R.T.: -0.028 min
Response: 2102951
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

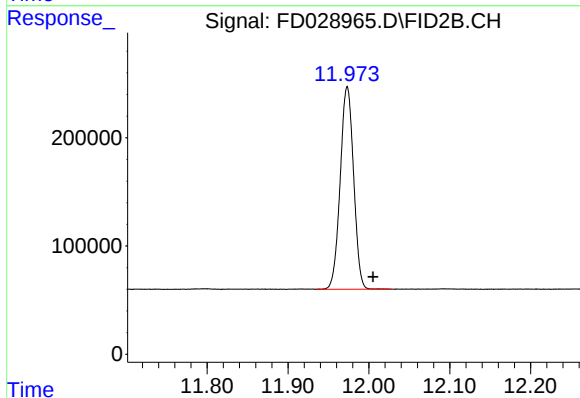
R.T.: 10.672 min
Delta R.T.: -0.030 min
Response: 2134168
Conc: 18.43 ug/ml



#9 ortho-Terphenyl (SURR)

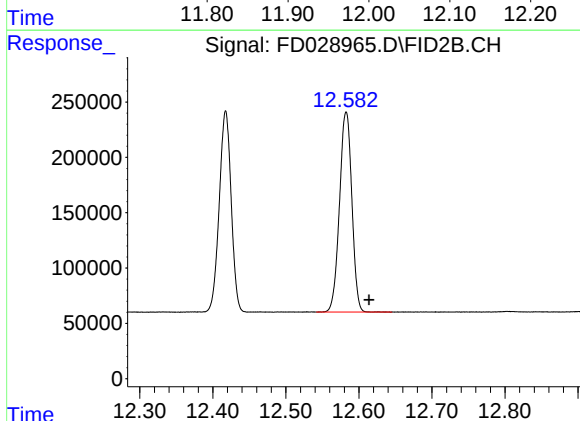
R.T.: 10.996 min
Delta R.T.: -0.032 min
Response: 2727392
Conc: 18.95 ug/ml

Instrument :
FID_D
ClientSampleId :



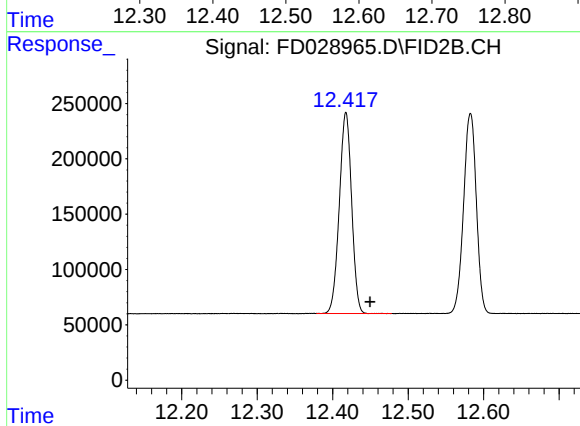
#10 n-Eicosane (C20)

R.T.: 11.973 min
Delta R.T.: -0.032 min
Response: 2154231
Conc: 18.23 ug/ml



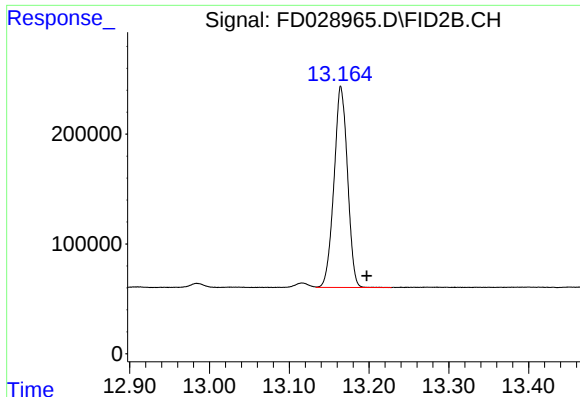
#11 n-Heneicosane (C21)

R.T.: 12.582 min
Delta R.T.: -0.032 min
Response: 2122790
Conc: 18.03 ug/ml



#12 1-chlorooctadecane (SURR)

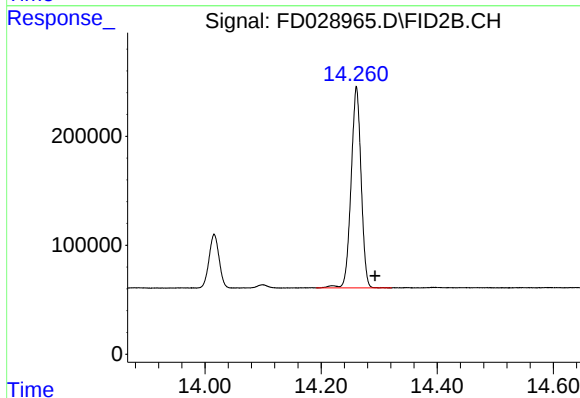
R.T.: 12.418 min
Delta R.T.: -0.032 min
Response: 2061401
Conc: 17.66 ug/ml



#13 n-Docosane (C22)

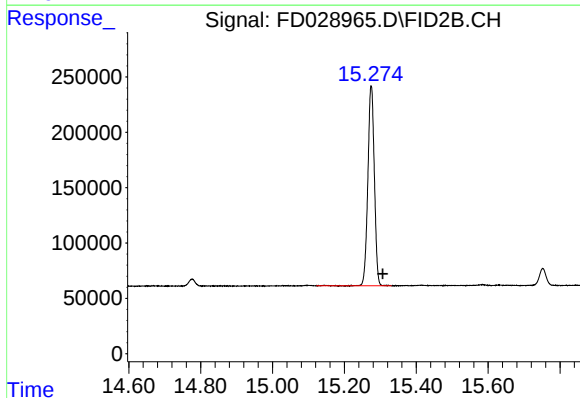
R.T.: 13.165 min
Delta R.T.: -0.032 min
Response: 2155226
Conc: 18.25 ug/ml

Instrument :
FID_D
ClientSampleId :



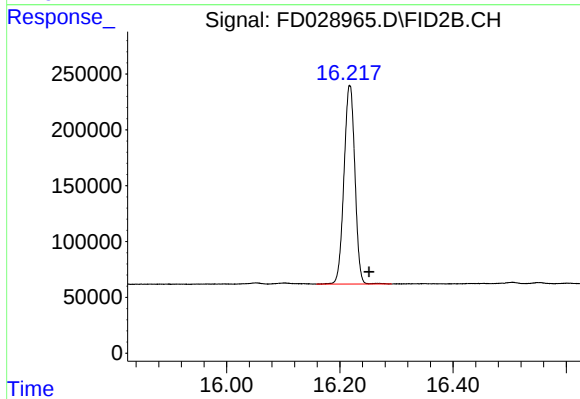
#14 n-Tetracosane (C24)

R.T.: 14.261 min
Delta R.T.: -0.032 min
Response: 2207181
Conc: 18.91 ug/ml



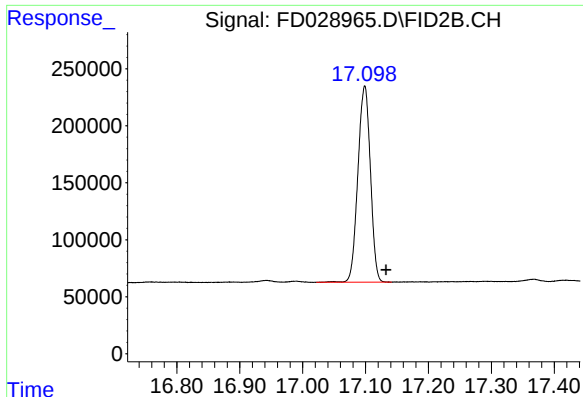
#15 n-Hexacosane (C26)

R.T.: 15.275 min
Delta R.T.: -0.032 min
Response: 2267035
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

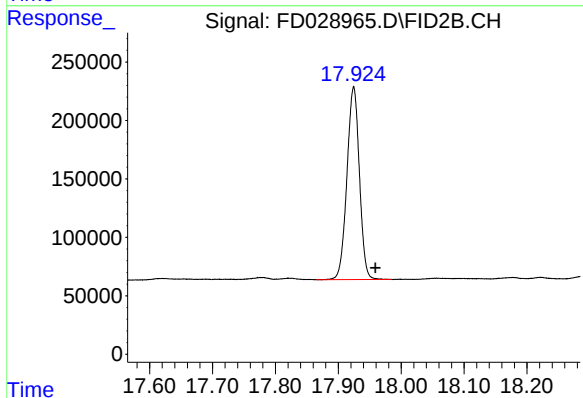
R.T.: 16.218 min
Delta R.T.: -0.034 min
Response: 2376569
Conc: 21.15 ug/ml



#17 n-Tricontane (C30)

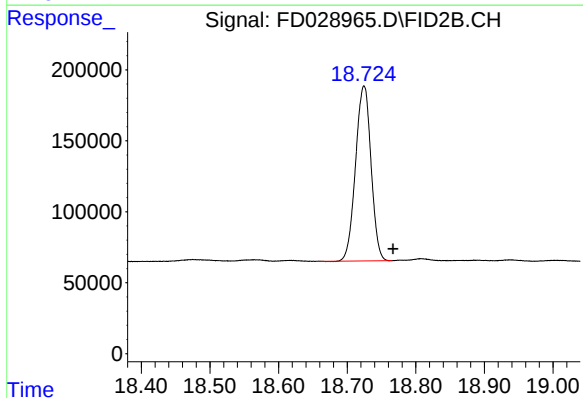
R.T.: 17.098 min
Delta R.T.: -0.034 min
Response: 2379107
Conc: 22.11 ug/ml

Instrument :
FID_D
ClientSampleId :



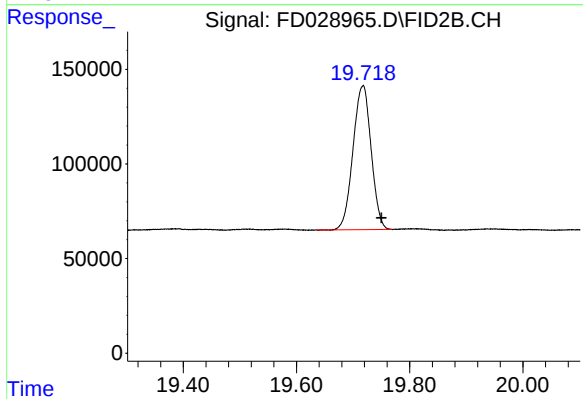
#18 n-Dotriacontane (C32)

R.T.: 17.924 min
Delta R.T.: -0.035 min
Response: 2269967
Conc: 22.39 ug/ml



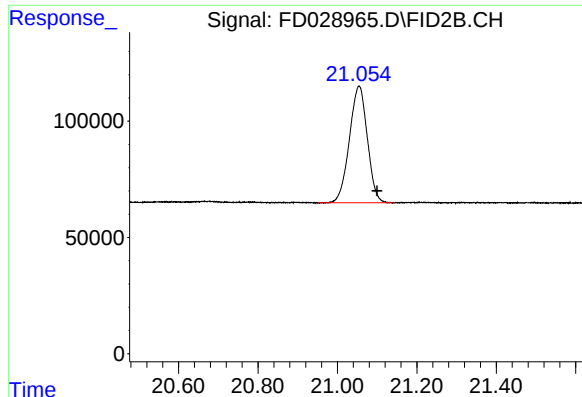
#19 n-Tetratriacontane (C34)

R.T.: 18.724 min
Delta R.T.: -0.043 min
Response: 1932088
Conc: 22.10 ug/ml



#20 n-Hexatriacontane (C36)

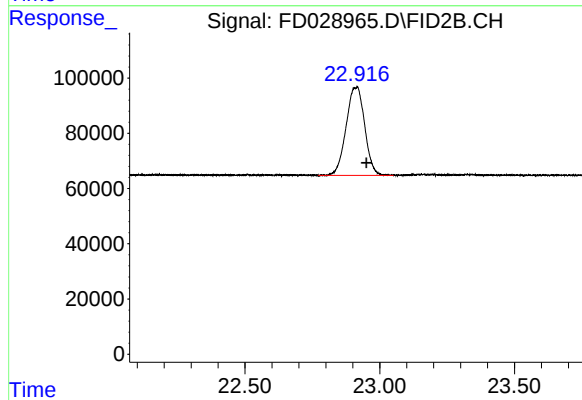
R.T.: 19.717 min
Delta R.T.: -0.033 min
Response: 1691543
Conc: 21.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.054 min
Delta R.T.: -0.046 min
Response: 1572579
Conc: 21.91 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.916 min
Delta R.T.: -0.034 min
Response: 1535130
Conc: 21.66 ug/ml