

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060621AL\
 Data File : FD03DFG.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2021 00:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 06:25:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.456	2341259	19.965 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.890	1796156	19.767 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	3.256	2149871	21.307 ug/ml
2) T n-Decane (C10)	4.317	2184767	21.533 ug/ml
3) T A~Naphthalene (C11.7)	5.892	2478979	21.771 ug/ml
4) T n-Dodecane (C12)	6.326	2249869	21.763 ug/ml
5) T A~2-methylnaphthalene...	6.944	2521016	21.776 ug/ml
6) T n-Tetradecane (C14)	8.114	2261419	21.698 ug/ml
7) T n-Hexadecane (C16)	9.708	2217049	21.486 ug/ml
8) T n-Octadecane (C18)	11.145	2264739	20.961 ug/ml
10) T n-Eicosane (C20)	12.448	2227760	20.441 ug/ml
11) T n-Heneicosane (C21)	13.058	2180961	20.034 ug/ml
13) T n-Docosane (C22)	13.641	2213000	20.371 ug/ml
14) T n-Tetracosane (C24)	14.739	2258059	20.840 ug/ml
15) T n-Hexacosane (C26)	15.756	2258168	21.200 ug/ml
16) T n-Octacosane (C28)	16.701	2299534	21.704 ug/ml
17) T n-Tricontane (C30)	17.585	2363028	22.445 ug/ml
18) T n-Dotriacontane (C32)	18.415	2338663	22.452 ug/ml
19) T n-Tetratriacontane (C34)	19.194	2201314	21.657 ug/ml
20) T n-Hexatriacontane (C36)	19.929	2050924	21.026 ug/ml
21) T n-Octatriacontane (C38)	20.640	1982782	21.567 ug/ml
22) T n-Tetracontane (C40)	21.481	1984573	20.610 ug/ml

(f)=RT Delta > 1/2 Window

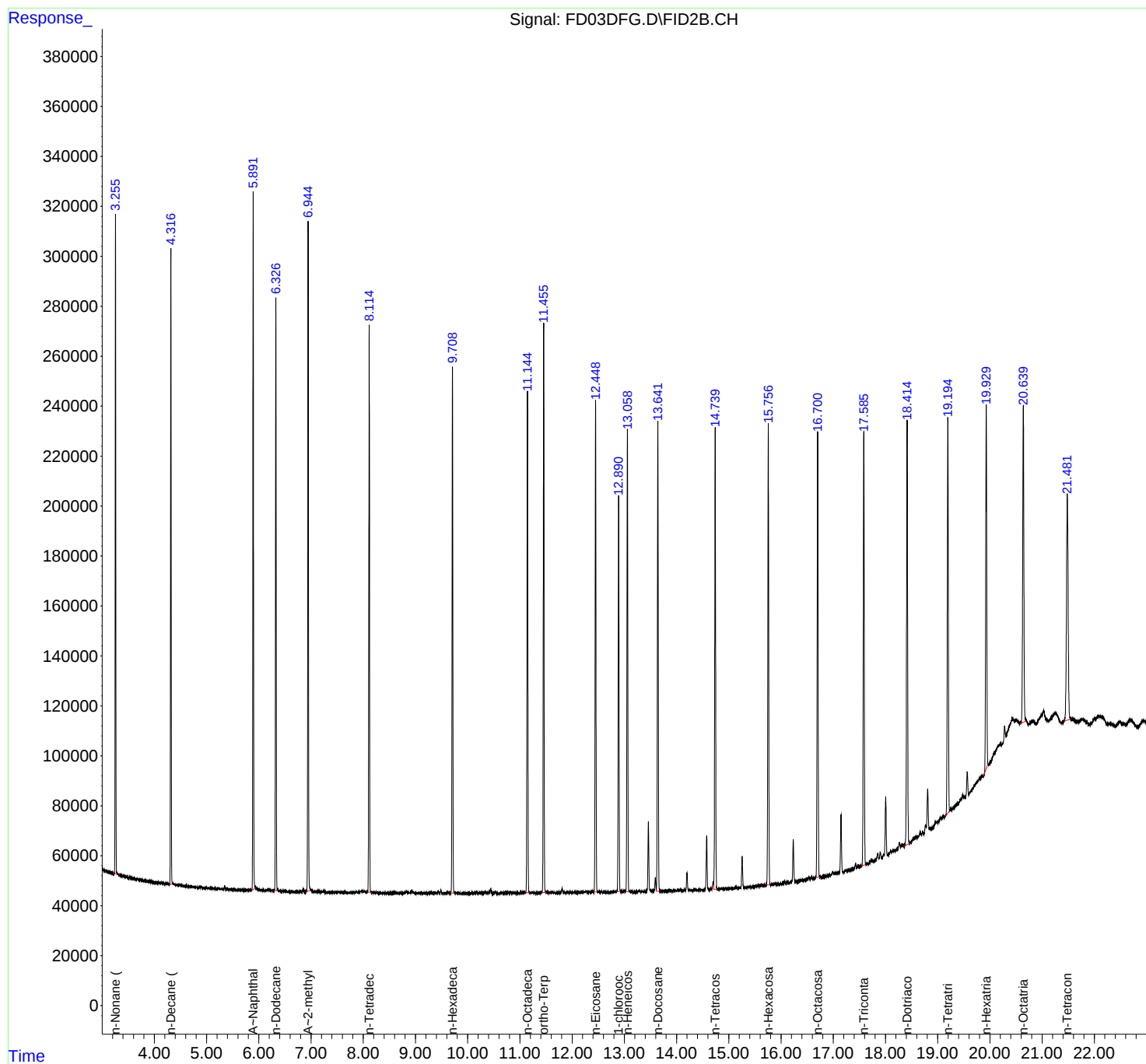
(m)=manual int.

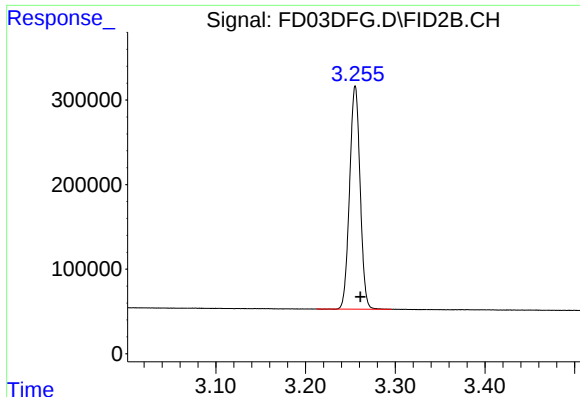
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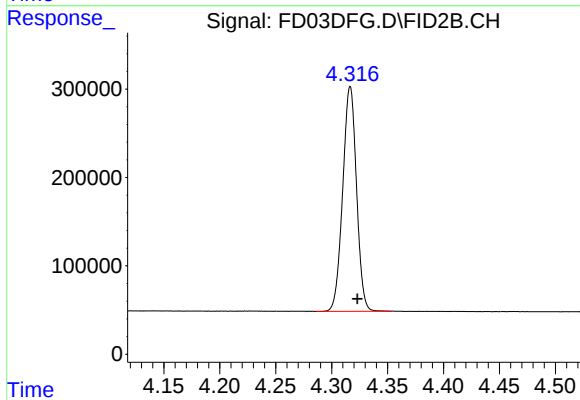




#1 n-Nonane (C9)

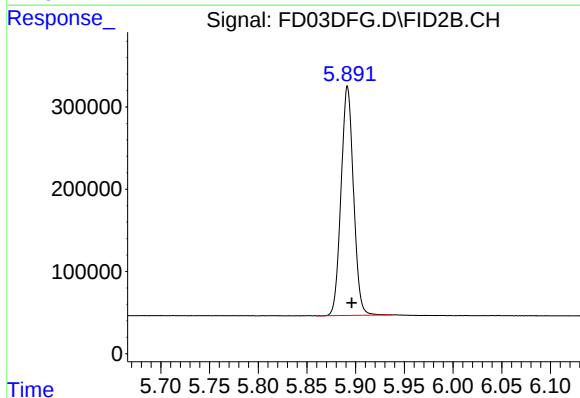
R.T.: 3.256 min
Delta R.T.: -0.006 min
Response: 2149871
Conc: 21.31 ug/ml

Instrument :
FID_D
ClientSampleId :



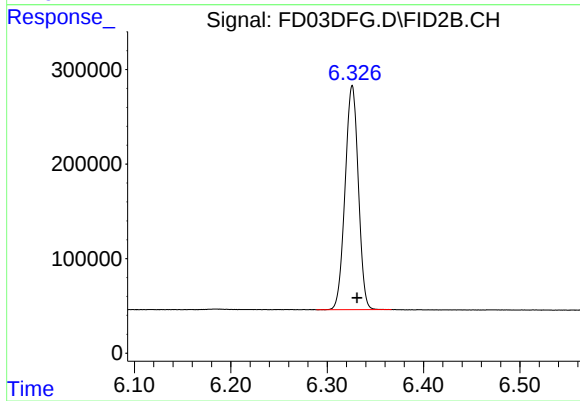
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: -0.006 min
Response: 2184767
Conc: 21.53 ug/ml



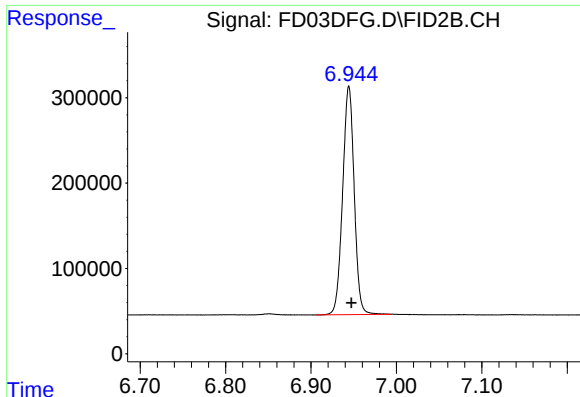
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 2478979
Conc: 21.77 ug/ml



#4 n-Dodecane (C12)

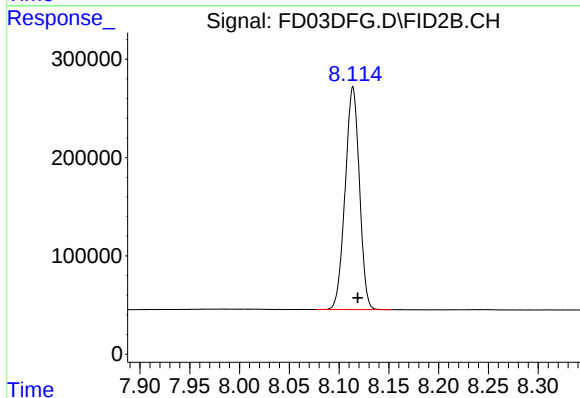
R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 2249869
Conc: 21.76 ug/ml



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

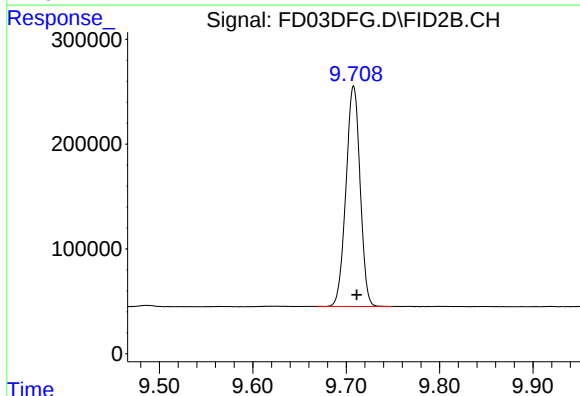
R.T.: 6.944 min
Delta R.T.: -0.003 min
Response: 2521016
Conc: 21.78 ug/ml

Instrument :
FID_D
ClientSampleId :



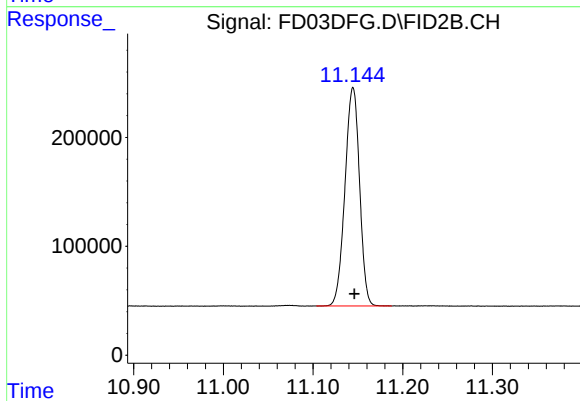
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.005 min
Response: 2261419
Conc: 21.70 ug/ml



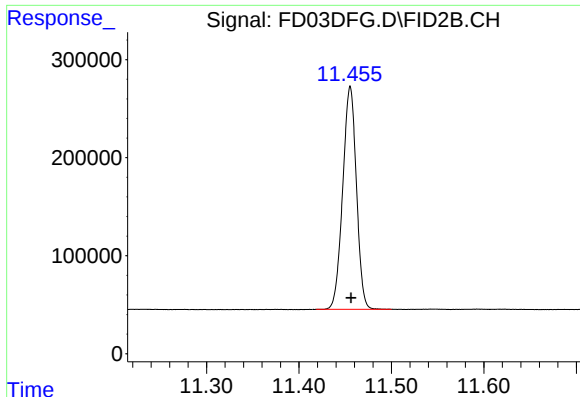
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.003 min
Response: 2217049
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

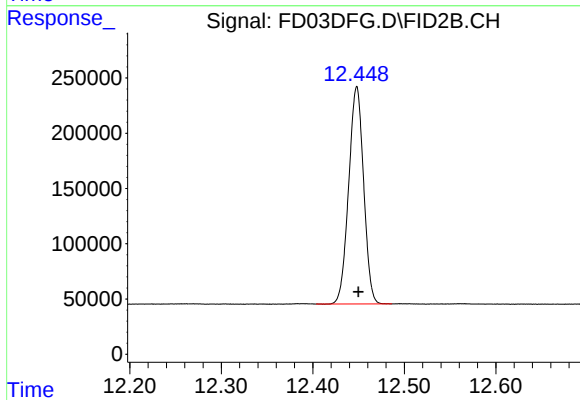
R.T.: 11.145 min
Delta R.T.: -0.001 min
Response: 2264739
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

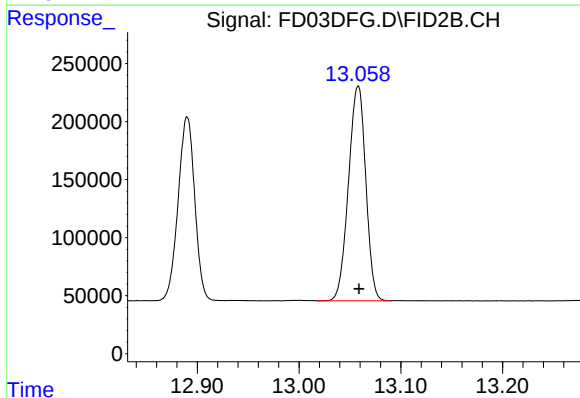
R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2341259
Conc: 19.97 ug/ml

Instrument :
FID_D
ClientSampleId :



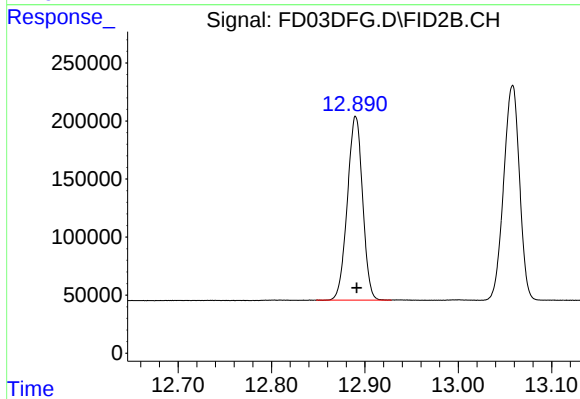
#10 n-Eicosane (C20)

R.T.: 12.448 min
Delta R.T.: -0.002 min
Response: 2227760
Conc: 20.44 ug/ml



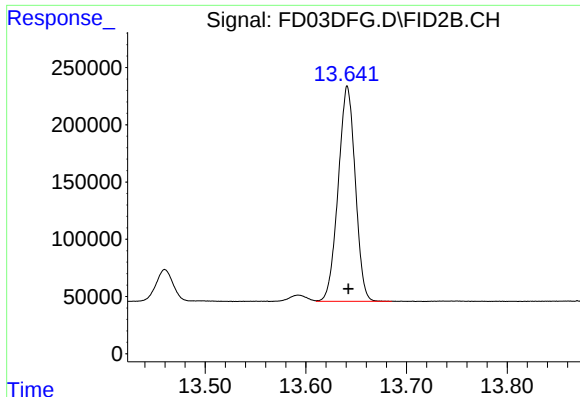
#11 n-Heneicosane (C21)

R.T.: 13.058 min
Delta R.T.: 0.000 min
Response: 2180961
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

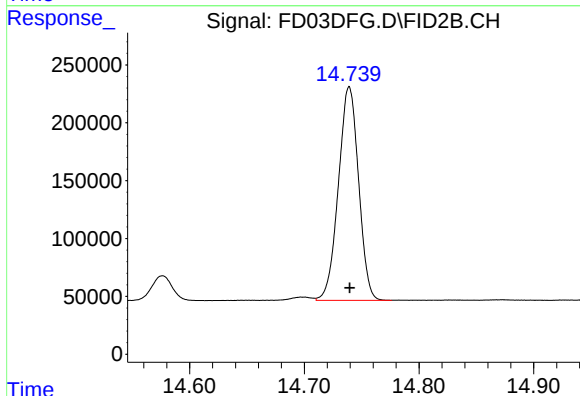
R.T.: 12.890 min
Delta R.T.: -0.001 min
Response: 1796156
Conc: 19.77 ug/ml



#13 n-Docosane (C22)

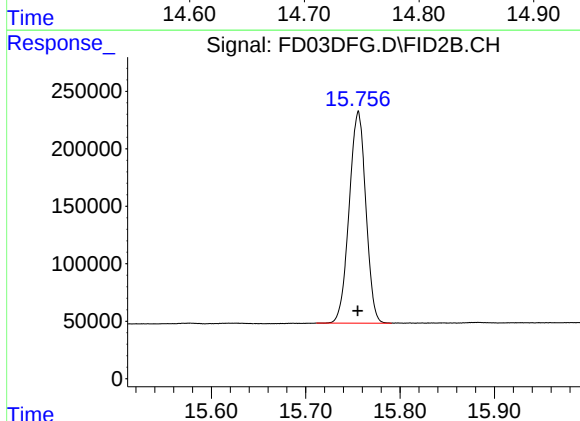
R.T.: 13.641 min
Delta R.T.: 0.000 min
Response: 2213000
Conc: 20.37 ug/ml

Instrument :
FID_D
ClientSampleId :



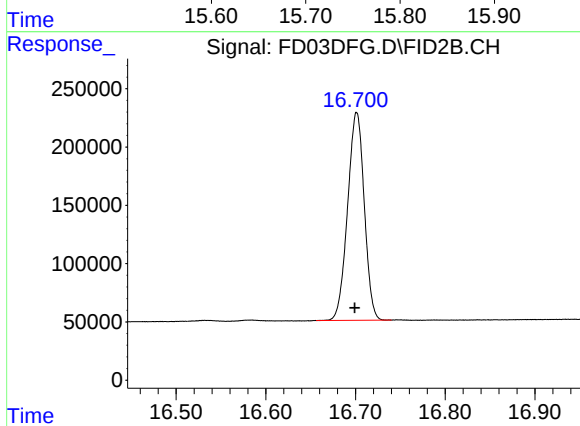
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 2258059
Conc: 20.84 ug/ml



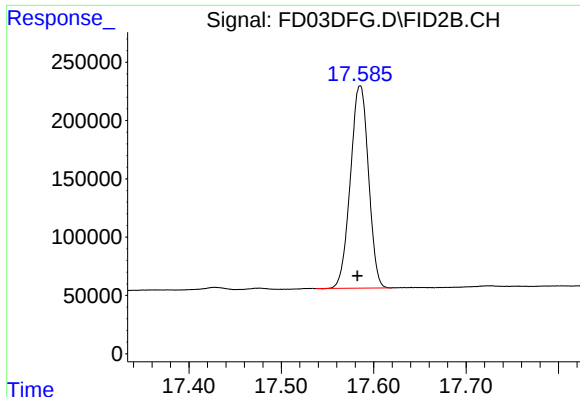
#15 n-Hexacosane (C26)

R.T.: 15.756 min
Delta R.T.: 0.000 min
Response: 2258168
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

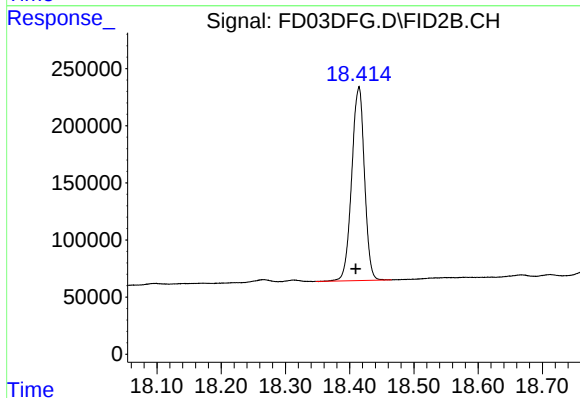
R.T.: 16.701 min
Delta R.T.: 0.002 min
Response: 2299534
Conc: 21.70 ug/ml



#17 n-Tricontane (C30)

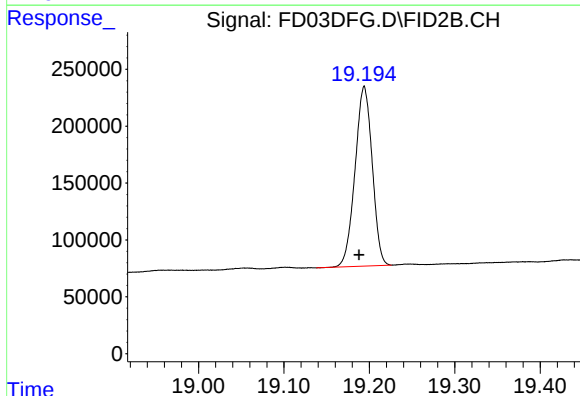
R.T.: 17.585 min
Delta R.T.: 0.003 min
Response: 2363028
Conc: 22.45 ug/ml

Instrument :
FID_D
ClientSampleId :



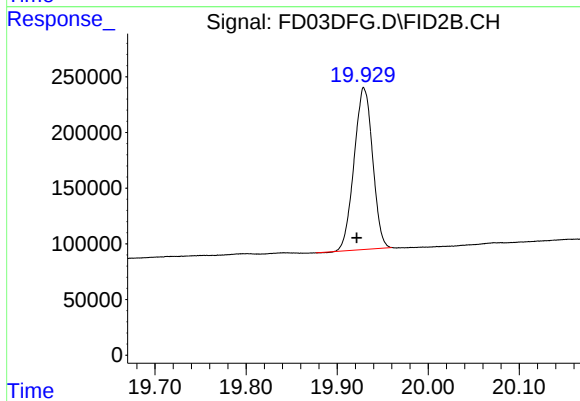
#18 n-Dotriacontane (C32)

R.T.: 18.415 min
Delta R.T.: 0.005 min
Response: 2338663
Conc: 22.45 ug/ml



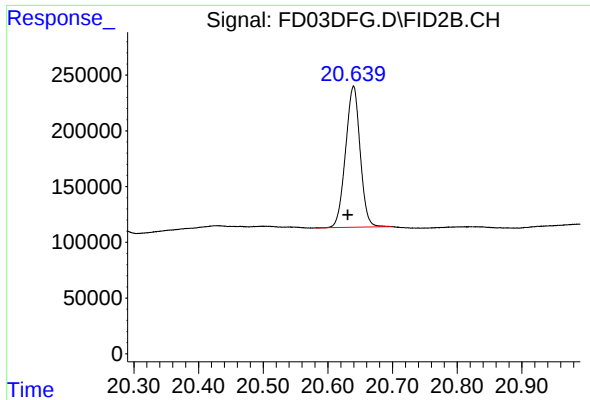
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min
Delta R.T.: 0.006 min
Response: 2201314
Conc: 21.66 ug/ml



#20 n-Hexatriacontane (C36)

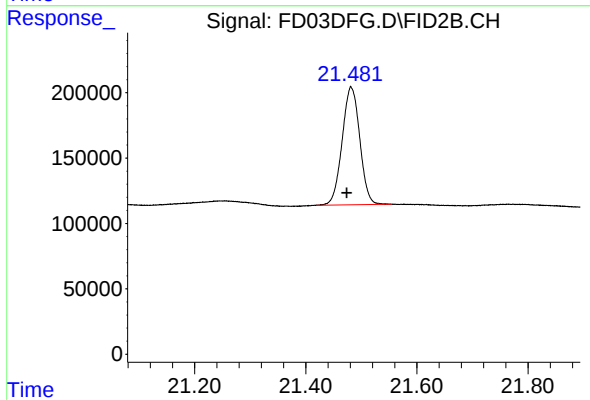
R.T.: 19.929 min
Delta R.T.: 0.008 min
Response: 2050924
Conc: 21.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.640 min
Delta R.T.: 0.009 min
Response: 1982782
Conc: 21.57 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.481 min
Delta R.T.: 0.008 min
Response: 1984573
Conc: 20.61 ug/ml